

en

LIEBHERR

Load chart manual

Mobile crane

LTM 1230-5.1

095669

- Print version -

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www.liebherr.com

Manufacturer

Liebherr-Werk Ehingen GmbH
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Germany



427001-02

Preface

Manufacturer

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California Proposition 65

Proposition 65 of the US State of California warns against chemicals that are known to cause cancer, birth defects and other reproductive harm.

For additional information, see the website: www.P65Warnings.ca.gov.

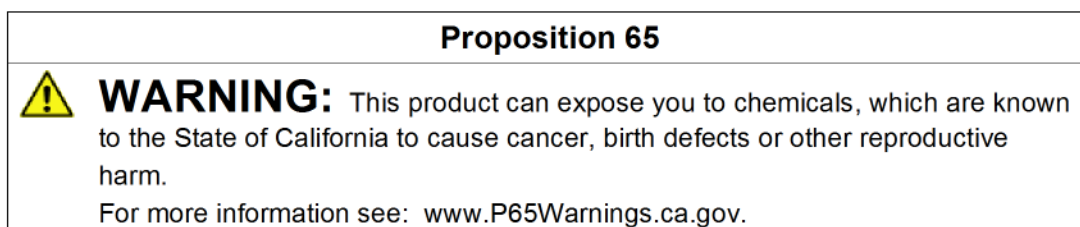


Fig.147844: Example of a Proposition 65 sign for USA: Chemicals

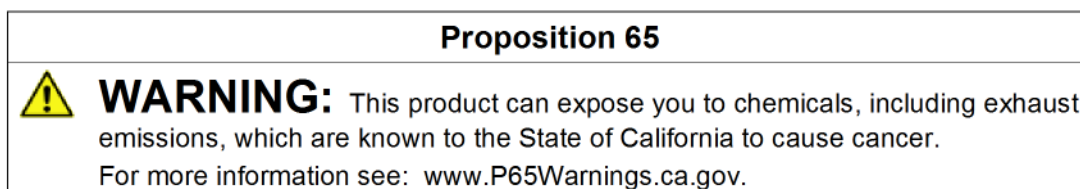


Fig.147842: Example of a Proposition 65 sign for USA: Exhaust emissions

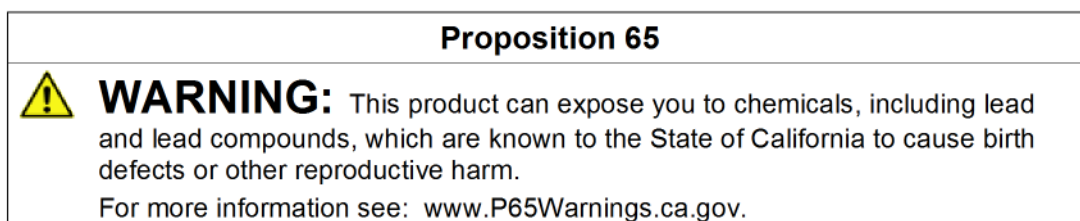


Fig.147843: Example of a Proposition 65 sign for USA: Lead and lead compounds

General

This crane was built according to the state of technology and recognized safety technical regulations. Despite that, danger to body and life for the user and / or third persons or damage to the crane and / or other material assets is still possible.

This crane may only be used:

- when in a perfect technical condition.
- for destined use.
- by trained personnel, which acts in a safety and danger conscious way.
- when no safety relevant problems are present.
- when no modifications were made on the crane.

Any problems, which could affect safety must be fixed immediately.

Modifications on the crane may only be made with written approval by Liebherr-Werk Ehingen GmbH.

Data logger

This crane is equipped with a data recording device. Among others, the following data is recorded:




- Date and time of day
- Entered set up configuration of the crane
- Actual load
- Percentage of crane utilization
- Boom radius (working radius)
- Main boom angle, luffing jib angle
- Total telescopic boom length, length of each telescopic section
- Every actuation of bypass devices

The recorded data can be read with a respective software.

Safety and warning display

The safety and warning display is directed to all persons who work with the crane.


The terms **DANGER**, **WARNING**, **CAUTION** and **NOTICE** used in the crane documentation are intended to point out certain rules of conduct to all persons working with the crane.

Warn- ing signs	Signal word	Explanation
	DANGER	Designates a dangerous situation which will lead to death or serious injury if it is not prevented. ¹⁾
	WARNING	Designates a dangerous situation, which can lead to death or serious injury if it is not prevented. ¹⁾
	CAUTION	Designates a dangerous situation, which can lead to slight or medium-grade injuries if it is not prevented. ¹⁾
	NOTICE	Designates a dangerous situation, which can lead to property damage if it is not prevented.

¹⁾ This could also result in property damage.

Additional notes

The term **Note** is used in the crane documentation to make all persons working with the crane aware of useful information and tips.

Sign	Signal word	Explanation
	Note	Designates useful information and tips.

Crane documentation

The crane documentation is comprised of:

- all supplied documents on paper and in digital form.
- all supplied programs and applications.
- all subsequently supplied information, updates and addenda for the crane documentation.

The crane documentation:

- makes it possible for you to operate the crane safely.
- supports you in using the permissible application possibilities of the crane.
- provides you with information about the functionality of important components and systems.



Note

Terminology in the crane documentation.

Certain expressions are used in the crane documentation.

- ▶ In order to avoid misunderstandings, the same expressions should always be used.

Translations from the German version of the crane documentation: The crane documentation has been translated to be best of one's knowledge. Liebherr-Werk Ehingen GmbH assumes no liability for translation errors. The German version of the crane documentation is solely applicable for factual accuracy. If you find any errors or if any misunderstandings arise when reading the crane documentation, please contact Liebherr-Werk Ehingen GmbH immediately.



WARNING

Danger of accident due to incorrect operation of the crane!

Incorrect operation of the crane can lead to accidents.

Death, severe bodily injuries, property damage.

- ▶ Only authorized and trained expert personnel are permitted to work on the crane.
- ▶ The crane documentation is part of the crane and must be accessible on the crane.
- ▶ The crane documentation and on-site regulations and specifications (such as accident prevention regulations) must be observed.

Using the crane documentation:

- **makes it easier** to become familiar with the crane.
- **avoids** problems due to improper operation.

Observing the crane documentation:

- **increases** reliability in use.
- **extends** the service life of the crane.
- **minimizes** repair costs and downtime.

Place the crane documentation accessible in the driver's cab or in the crane cab.



WARNING

Outdated version of crane documentation!

If subsequently supplied information, updates and addenda to the crane documentation are not observed and added, there is a danger of accident.

Death, severe bodily injuries, property damage.

- ▶ Observe and add all subsequently supplied information, updates and addenda for the crane documentation.
- ▶ Make sure that all affected persons always know and understand the latest version of the crane documentation.



WARNING

Crane documentation is not understood!

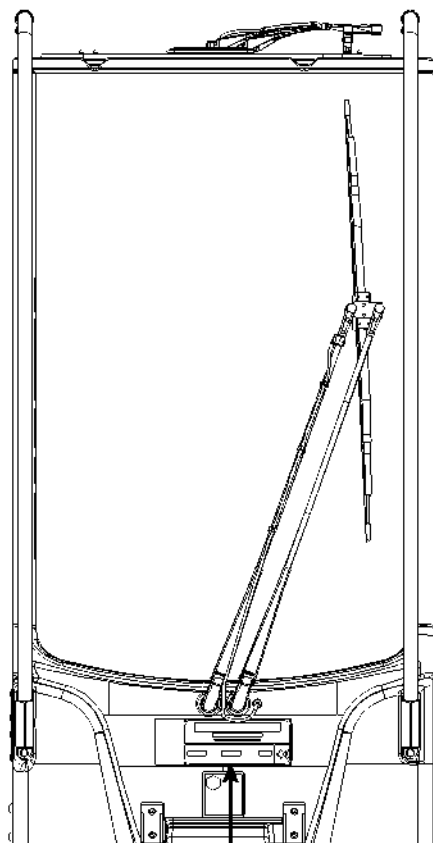
If parts of the crane documentation are not understood and the tasks are carried out on or with the crane, then there is a danger of accident.

Death, severe bodily injuries, property damage.

- ▶ Clear up open questions regarding the crane documentation with Liebherr Service before carrying out the respective task.

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All accident prevention guidelines, operating instructions, load charts etc. are based on the destined use of the crane.



1

LIEBHERR		
WERK EHINGEN GMBH		
D-89582 EHINGEN/DONAU		
Type	N°usine	Année de construction
	Werk-Nr.	Baujahr
Type	Werte No.	Year of manufacture
Manufactured in Germany		
		CE



2

LIEBHERR		
WERK EHINGEN GMBH		
D-89582 EHINGEN/DONAU		
Type	N°usine	Année de construction
	Werk-Nr.	Baujahr
Type	Werte No.	Year of manufacture
Manufactured in Germany		

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Fig.110001

CE marking

The CE marking is a mark according to EU laws:

- Cranes with CE-marking are compliant with the European Directives applicable at the moment of placing the cranes on the market, and in particular European machinery directive 2006/42/EC and product standard EN 13000! Data tag Crane with CE-marking, see illustration 1.
- Cranes that are operated outside the respective area of application of the European machinery directive do not require a CE marking. Data tag Crane without CE marking, see illustration 2.
- It is prohibited to market and operate cranes without a CE marking, which do not meet the product-specific regulations valid in Europe, when a CE marking is specified for the country, especially in the single European market.
- It is prohibited to operate cranes with a tipping load utilization of 85 % or a bypass device that does not comply with EN 13000 within the European Union or in countries that only permit a lower tipping load utilization! The national regulations apply. These cranes may not have a CE marking.

EU Declaration of Conformity

Upon delivery of the equipment with a CE marking, the EU Declaration of Conformity according to Directive 2006/42/EC is provided directly after the cover sheet. The EU Declaration of Conformity is valid in the following form and language in all countries of the European Union, as well as in countries that recognise the Directives of the European Union. Keep the EU Declaration of Conformity in a safe place.



Note

- ▶ This declaration of conformity is only valid when this mobile crane meets the directives and standards stated in this EU Declaration of Conformity. This applies especially for the programming and function of the safety-relevant overload protection. The CE sign must be removed if changes were made on the crane, which do not conform to the stated directives and standards. These include in particular a tipping load utilization (85 % load charts) that are not permissible in Europe and a changed version of the bypass device for the overload protection.
- ▶ If this modified mobile crane is re-imported later into a country which is within the validity range of the EC machine directive, then the importer is responsible for the verification and the written confirmation, that the condition of the mobile crane at importation into the EC meets the directives and standards, which are stated in this declaration of conformity.
- ▶ The complete crane documentation must be complete and present in the official language of the community of the member state, in which the machine is placed into service and / or where it is operated.
- ▶ For the verification and confirmation we recommend that the importer contacts the crane manufacturer or a person authorized by him.
- ▶ After writing confirmation of the importer on the mobile crane manufacturer, the mobile crane may be labelled again with a CE label and the EU Declaration of Conformity become valid again. For this crane the directives and standard valid at initial delivery consequently continue to apply.



EU Declaration of conformity

If changes are made to the equipment that were not approved in writing by Liebherr-Werk Ebingen GmbH, then this EU declaration of conformity becomes invalid.
Also observe the note regarding validity on the back of the page.

Type of machine:	Mobile crane
Type:	XXX
Serial No.:	XXX
Year of construction:	XXX
Power output of the diesel engine:	XXX kW / XXX rpm
L _{WA} measured ¹⁾ :	XXX dB
L _{WA} guaranteed ¹⁾ :	XXX dB

We herewith declare that the above declared machine in its delivery condition complies with all relevant provisions of the following EU Directives:

- **Directive 2006/42/EC of the European Parliament on machinery**
- **Directive 2005/88/EC of the European Parliament amending the Directive 2000/14/EC relating to noise emission¹⁾**
- **Directive 2014/53/EU of the European Parliament relating to the making available on the market of radio equipment**

Applied harmonized standards:

EN 13000:2010 + A1:2014 Cranes – Mobile cranes

Applied evaluation procedure according to Annex VIII of Directive 2000/14/EC

Name of the notified body:

TÜV Rheinland LGA Products GmbH, D-90014 Nürnberg, Identification No.: 0197

Authorized agent for the compilation of the technical documentation:

Head of Design Department
Dr.-Hans-Liebherr-Straße 1
89584 Ebingen/Donau

¹⁾ during crane operation

Ebingen

(Head of Design Department)

Liebherr-Werk Ebingen GmbH
Dr.-Hans-Liebherr-Straße 1
89584 Ebingen
Germany
04.07.2017_en

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Fig.147811-en: Reprint of the crane's EU Declaration of Conformity

Intended use

The intended use of the crane consists solely in the vertical lifting and lowering of free and unfixed loads, whose weight and center of gravity are known.

To do so, a hook or hook block approved by Liebherr must be reeved on the hoist rope and it may only be operated within the permissible set up configurations.

Driving with the crane, with or without an attached load is only permissible if a corresponding driving or load chart is available. The set up configurations intended for it and the safety conditions must be observed according to the corresponding crane documentation.

Any other use or any other exceeding utilization is **not** destined use.

Destined use also includes the adherence of the required safety guidelines, conditions, prerequisites, set up conditions and working steps in the crane documentation (for example: Operating instructions, load charts, erection and take down charts, job planner).

The manufacturer is **not** liable for damage caused by non-destined use or improper use of the crane. Any associated risk it is carried solely by the owner, the operator and the user of the crane.

Non-destined use

Non-destined use is:

- Working outside the permissible set up configurations according to the load chart.
- Working outside the permissible boom radii and slewing ranges according to the load chart.
- Selecting load charts, which do not correspond to the actual set up configuration.
- Selection of a set up configuration via code or via manual entry, which does not correspond to the actual set up configuration.
- Working with bypassed / deactivated safety equipment, for example bypassed load torque limiter or with bypassed hoist limit switch.
- Increasing the boom radius of the lifted load after a LMB shut-off, for example by diagonally pulling the load.
- Using the support pressure display as information in order to utilize the crane up to the tipping limit!
- Use of equipment parts which are not approved for the crane.
- Operation of the crane in an area exposed to explosion hazards.
- Using the crane at sports and recreational events, especially for "Bungee" jumps and / or "Dinner in the sky".
- On-road driving in an impermissible travel condition (axle load, dimension).
- Driving with the equipment in place in an impermissible travel condition.
- Pushing, pulling or lifting loads with the level control, the sliding beams or the support cylinders.
- Pushing, pulling or lifting loads by actuating the slewing gear, the luffing gear or the telescoping gear.
- Ripping stuck objects loose with the crane.
- Utilizing the crane for a longer period of time for material handling tasks.
- Releasing the crane suddenly (grapple or dumping operation).
- Utilizing the crane when the weight of the load is suspended on the crane is changed, for example by filling a container suspended on the load hook, except:
 - The load torque limiter was checked before for function with a known load.
 - The crane cab is occupied.
 - The crane is operational.
 - The container size is selected in such a way that an overload of the crane with full load is eliminated within the valid utilized load chart.

The crane may **not** be used for:

- Fastening a stuck load for which the weight and center of gravity are not known and which is released only by flame cutting, for example.
- Letting persons drive along outside the driver's cab.
- Letting persons drive along outside the crane cab.
- Transporting personnel in the crane cab while driving.
- Transporting personnel with the load handling equipment and on the load.
- Transporting of persons with work baskets (cherry pickers), if the national regulations of the responsible work safety organization are not observed.
- Transporting loads and objects on the crane chassis.
- Transporting loads and objects on the crane superstructure.
- Transporting loads and objects on the ballast trailer.
- Transporting loads and objects on the suspended ballast.
- Transporting loads and objects on the boom lattice sections and / or the crane boom.
- Two hook operation without auxiliary equipment.

- Extended material handling operation.
- Crane operation on a floating device if the conditions in chapter “Crane on a floating device” are not fulfilled and the written release by **Liebherr Werk Ehingen GmbH** is not present.

The crane documentation must be read and used by all persons who are involved in use, operation, assembly and maintenance of the crane.

Ambient temperature

The crane is designed for an ambient temperature of -20 °C to +50 °C.

If the ambient temperature is lower than -20 °C the crane must be modified with “auxiliary equipment for working at low temperatures”.



WARNING

Working at low temperatures without the corresponding auxiliary equipment!
The crane components can be damaged and fail. The load can rip off.
Death, severe bodily injuries, property damage.

If the crane is operated at an ambient temperature lower than -20 °C:

- ▶ Make sure that the crane is equipped with the corresponding “auxiliary equipment for working at low temperatures”. Observe and comply with chapter 2.08.
- ▶ Use the operating fluids for the corresponding ambient temperature in time. Observe and comply with chapter 7.07.

Safety equipment

Special attention must be paid to the safety equipment built into the crane. The safety equipment must constantly be checked for functionality. The crane may not be operated if the safety equipment are not working or not working correctly.



Note

Your motto must always be:

- ▶ **Safety first!**

The crane has been built in accordance with the applicable regulations for crane operation and travel operation and has been approved by the relevant authorities.

Equipment and spare parts



WARNING

Danger of fatal injury if original equipment parts are **not** used!
If the crane is operated with **not** original equipment parts, the crane can fail.
Death, severe bodily injuries, property damage.

- ▶ Operate the crane only with original equipment parts!
- ▶ Crane operation with equipment parts, which do **not** belong to the crane is prohibited!
- ▶ If there is any doubt about the origin of equipment parts, contact Liebherr Service!



WARNING

The crane permit and the manufacturer’s warranty will become void!
If any original installed parts are modified, manipulated or replaced (e.g. removal of parts, installation of non-original Liebherr parts), both the crane permit and the manufacturer’s warranty will become void.

- ▶ Leave installed original parts unchanged.
- ▶ Do not remove installed original parts.
- ▶ Use only Original Liebherr spare parts.
- ▶ If there is any doubt about the origin of spare parts, contact Liebherr Service.

For ordering equipment and spare parts, always keep the crane number handy and provide it.

Definition of directional data for mobile cranes

Driving forward: Driving with the driver's cab on the front.

Driving in reverse: Driving with the taillights of the crane chassis on the front.

Front, rear, right, left in the **driver's cab** refer to the crane chassis. The driver's cab is always in the front.

Front, rear, right, left in the **crane cab** refer to the crane superstructure. Front is always in direction of the placed down boom.

0° crane superstructure slewing angle: The boom points in the longitudinal direction to the rear past the rear of the vehicle.

180° crane superstructure slewing angle: The boom points in the longitudinal direction to the front past the driver's cab.

Definition of directional data for crawler cranes

Driving forward driving forward from the view of the crane operator seated in the crane cab. Turntable in 0° or 180° position.

Driving reverse driving backward from the view of the crane operator seated in the crane cab. Turntable in 0° or 180° position.

Front, rear, right, left always orient themselves on the **crawler travel gear** from the position of the chain tension devices. The chain tension devices on the crawler travel gear are always on the front.

Front, rear, right, left refer to the direction of view of the crane operator seated in the **crane cab**. Front is always in direction of the placed down boom.

Optional equipment and functions

The equipment marked with * and the functions are optionally available and are **not** part of the standard crane (optional equipment).

Conversion chart

	Initial unit	Multiplication factor	Target unit
Length	mm	0.03937	in
	in	25.4000	mm
	mm	0.00328	ft
	ft	304.8	mm
	cm	0.39370	in
	in	2.5400	cm
	cm	0.0328	ft
	ft	30.48	cm
	m	39.37	in
	in	0.0254	m
	m	3.281	ft
	ft	0.3048	m
	km	0.62137	mile
	mile	1.6093	km

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	Initial unit	Multiplication factor	Target unit
Area	cm ²	0.155	in ²
	in ²	6.4516	cm ²
	m²	10.764	ft²
	ft²	0.0929	m²
Volume	cm ³	0.06102	in ³
	in ³	16.387	cm ³
	m ³	35.3147	ft ³
	ft ³	0.0283	m ³
	l	0.001	m ³
	m ³	1000	l
	l	61.024	in ³
	in ³	0.016387	l
	l	0.0353	ft ³
	ft ³	28.32	l
	l	0.264178	US. liq. gal
	US. liq. gal	3.7853265	l
Mass (weight)	kg	2.20462	lb
	lb	0.45359	kg
	t	2204.62	lb
	lb	0.0004536	t
	t	1.1023	short ton US (tn. sh.)
	short ton US (tn. sh.)	0.90718	t
	t	0.45359	kip
	kip	2.20462	t
Mass / length	kg/m	0.055998	lb/in
	lb/in	17.857781	kg/m
	kg/m	0.67197	lb/ft
	lb/ft	1.48816	kg/m
Force	N	0.2248	lbf
	lbf	4.4483986	N
	kN	224.809	lbf
	lbf	0.0044483986	kN
Turning moment	Nm	8.85075	lbf·in
	lbf·in	0.112984	Nm
	Nm	0.73756	lbf·ft
	lbf·ft	1.3559	Nm
Performance	HP (DIN HP)	0.7355	kW
	kW	1.3596	HP (DIN HP)

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	Initial unit	Multiplication factor	Target unit
Speed	m/s	39.37	in/s
	in/s	0.0254	m/s
	m/s	3.28084	ft/s
	ft/s	0.3048	m/s
	km/h	0.62137	mph (mi/h)
	mph (mi/h)	1.60935	km/h
	m/s	2.2369	mph (mi/h)
	mph (mi/h)	0.44704	m/s
Pressure	kPa (kN/m ²)	0.01	bar
	bar	100	kPa (kN/m ²)
	bar	14.5038	psi
	psi	0.06895	bar
	kPa (kN/m²)	0.145038	psi
	psi	6.894759	kPa (kN/m²)
	N/cm ²	1.450377	psi
	psi	0.6894759	N/cm ²
	N/m ²	0.000145038	psi
	psi	6894.759	N/m ²
	t/m ²	204.81	lbs/ft ²
	lbs/ft ²	0.0048828	t/m ²
Load-related area	m ² /t	0.004882	ft ² /lbs
	ft ² /lb	204.81	m ² /t
Temperature	°C	([°C] · 1.8) + 32	°F
	°F	([°F] - 32) / 1.8	°C

Conversion chart

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40 Load chart manual

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40.02 Basic information

1 Basic information

3

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Fig.195219

1 Basic information



Note

- ▶ The load values in the load charts are indicated in tons (t) or pounds (lb).
- ▶ The boom radius is the horizontal distance of the hook block from the rotation axis of the crane superstructure, measured on the ground. The boom flexation is taken into account.
- ▶ In the provided loads, the weight of the hoist rope at reeving according to the load chart has been taken into account. If higher reeved, then the load is reduced by the weight of the additional strands of the hoist rope. The weights of the load lifting equipment and the fastening equipment must be deducted from the given load value.
- ▶ In two-hook operation, the hoist rope on the second load position has not been taken into account. The weight of all strands of the hoist rope on the second load position must be deducted from the load value.
- ▶ For number values, the decimal digits are separated with a period “.”. Decimal digits are on the right of the period “.”.



WARNING

Erroneous operation of crane!

Toppling crane, failure of crane structures.

Death or severe injuries, high property damage.

- ▶ Working outside the permissible set up configurations, boom radii and slewing ranges according to the load chart is prohibited.
- ▶ Move the boom system even without a load only within the permissible ranges according to the load charts or erection and take-down charts.
- ▶ Move the boom systems when “assembly operation” is engaged only within the permissible ranges according to the load charts or erection and take-down charts.
- ▶ In part, limitations and notes via a code are noted in the load charts. They must be adhered to.



Note

In operating modes with ballast trailer or suspended ballast:

- ▶ Determine the optimum derrick ballast weight with the LICCON job planner.

1.1 Load chart manual version

There may be two versions of the load chart manual for this crane.

Printable version

- This version contains a defined selection of the programmed load charts and is provided on paper and in digital form.

Load chart file

- This version contains the programmed load charts and is provided only in digital form.

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40.05 Crane operation

1	General	3
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Fig.195219

1 General



WARNING

Erroneous operation of crane!

Toppling crane, failure of crane structures.

Death or severe injuries, high property damage.

- ▶ Do not overload the crane.
- ▶ Adhere to the set up configuration according to the load chart.
- ▶ Adhere to the boom lengths, radii and slewing ranges in the respective load chart.
- ▶ Check warning and safety equipment for function.
- ▶ Check the weight data for the load to be lifted.
- ▶ Secure the load to avoid oscillation.
- ▶ Angular pull of the load is prohibited.
- ▶ Do not use the crane to rip loads free.
- ▶ Adhere to the distance to pits, basements and embankments, see Crane operating instructions, chapter 2.04.
- ▶ Make sure that the ground can take on the maximum operating weight of the crane in addition to the weight of the load.
- ▶ Adhere to the safety distance of live overhead electrical lines, see Crane operating instructions, chapter 2.04.

2 Crane operation “Crane supported”



WARNING

Erroneous operation of crane!

Toppling crane.

Death or severe injuries, high property damage.

- ▶ Support the crane before turning the superstructure.
- ▶ Block the axle suspension (valid only for LTM-cranes and LG-cranes).
- ▶ Swing sliding beams out and / or extend them to the support base given in the respective load chart.
- ▶ Pin the sliding beams.
- ▶ Support the support plates from below extensively according to the ground conditions.
- ▶ Make sure that the wheels have no contact with the ground.
- ▶ Make sure that the crane is horizontally aligned during crane operation.

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40.10 Utilization of the crane

1 Utilization of the crane (load collective)

3

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Fig.195219

1 Utilization of the crane (load collective)

Liebherr mobile and crawler cranes are designed for assembly operation and, according to grouping in class A1 according to ISO 4301-1, they can only take on a limited number of work cycles ($N = 63000$) with a collective class Q1 = light ($k_p = 0.125$). If cranes are utilized in magnet operation, grapple operation or load handling operation (load collective = "medium" or "higher"), then various points must be observed. See Crane operating instructions, chapter 8.01 "Periodic crane inspections".



Note

If the crane is utilized through above average high load collectives, for example working in magnet operation, grapple operation or load handling operation:

- ▶ Carry out inspection intervals in shorter intervals.

NOTICE

Premature wear and cracks in load bearing components!

If the crane is utilized in magnet operation, grapple operation or load handling operation, then premature wear in drive gear sections and / or cracks in load bearing steel structures must be expected!

- ▶ Reduce loads overall by 50 % compared to the data in the respective load chart.

NOTICE

Increased rope wear and rope damage!

To keep wear of hoist ropes in magnet operation, grapple operation or load handling operation to a minimum, the use of a special rope length is recommended!

If no special rope length is used, then the unused rope layers can loosen up. In high rope pulls, the rope in the unused rope layers can be pulled in and cause rope damage!

- ▶ In magnet operation, grapple operation or load handling operation use a special rope length so that in the lowest position of the hook block the entire rope length is spooled out to approx. 3–5 remaining coils.

Empty page!

40.15 Liccon overload protection and limit switch

1 LICCON overload protection

3

Fig.195219

1 LICCON overload protection

**WARNING**

Improper operation and / or defective warning and safety equipment!
Toppling crane, failure of crane structures.
Death or severe injuries, high property damage.

- ▶ Make sure that all warning and safety equipment are functioning.
 - ▶ Check the LICCON overload protection for function before every application.
 - ▶ Set the LICCON overload protection to the current set up configuration before every application.
 - ▶ Do not use the LICCON overload protection as operational shut off device.
-

**Note**

- ▶ The LICCON overload protection turns the hoist movement and boom luffing movement off when the permissible load torque is exceeded. Relief is possible by moving into the opposite direction.
-

Safety systems to be checked before every crane application:

- The LICCON overload protection must be set to the current set up configuration.
- The LICCON overload protection must be functioning.
- All limit switches must have been checked for function.
- The cam limit switch / winch speed sensor must be correctly adjusted.
- All test devices (for example length sensor, angle sensor, pressure sensor, wind speed sensor) must have been checked for function.

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40.20 Telescopic boom

1 Telescopic boom

3

LWE/427001-02-02/en

Fig.195219

1 Telescopic boom

**WARNING**

Death or high property damage due to toppling crane or failure of crane structures!

Personnel can be severely injured or killed!

This could result in high property damage!

- ▶ Move the telescopic boom only in the defined radius range according to the load chart.
 - ▶ Adhere to the data about the extension status of the respective telescopic sections to reach the required boom length.
 - ▶ Do not exceed the load values in the load charts.
-

Telescope the telescopic boom without a load to the desired length and then load.

Telescoping under partial load is possible when:

- The load chart provides “Telescoping under partial load”.
- The bearing shoes are sufficiently greased.

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40.25 Rope winches

1 Rope pull

2

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1 Rope pull



Note

- ▶ Every rope winch is designed for maximum rope pull. The maximum rope pulls are listed in the following chart. These rope pulls may not be exceeded. Select the minimum number of hoist rope strands (reeving) according to the "Chart Hoist rope reeving" (EST), depending on the load to be lifted, see Load chart manual, chapter 40.90.

Upon assembly of auxiliary equipment:

- ▶ Monitor the rope routing on the winches to avoid slack rope formation.

Chart Hoist rope reeving	Hoist rope		Use
	Rope diameter	Maximum rope pull	
EST 1	7/8" (23 mm)	105 kN (10.5 t)	Winch 1
EST 2	7/8" (23 mm)	105 kN (10.5 t)	Winch 2

The following applies for telescopic cranes:

- When telescoping in, the crane movement *lift hoist gear* can be used to prevent the hook blocks from touching the ground and thereby the formation of slack rope. Match the speed of the hoist rope movement to the telescoping speed.

40.30 Hoist rope reevings

1	Chart Hoist rope reeving (EST)	3
2	Hoist rope reeving	3
3	5-fold rope safety according to ASME B30.5	4

1 Chart Hoist rope reeving (EST)

The *Hoist rope reeving chart (EST)* indicates the maximum permissible load depending on the number of hoist rope strands, see the Load chart manual, chapter 40.90.

The loads result from the maximum rope pull and is determined according to two standards:

- according to EN 13000 with 4.5-fold rope safety
- according to ASME B30.5 with 5-fold rope safety

The *Hoist rope reeving chart (EST)* lists the maximum permissible loads determined according to EN 13000 and ASME B30.5. For further information about countries in which ASME B30.5 applies, see section “5-fold rope safety according to ASME B30.5”.

The values provided in the displayed *Hoist rope reeving chart (EST)* are examples and may not match the present crane.

- 1 Hoist rope reeving icon
- 2 Single operation icon
- 3 Chart description, maximum rope pull and rope diameter
 - **Note:** Only for certain crane types.
- 4 Number of hoist rope strands
- 5 Maximum permissible load in tons (t) or pounds (lb)
 - determined according to standard EN 13000
 - depending on the number of hoist rope strands
- 6 Maximum permissible load in tons (t) or pounds (lb)
 - determined according to standard ASME B30.5
 - depending on the number of hoist rope strands
- 7 Page specification

2 Hoist rope reeving

Observe and adhere to the following points for hoist rope reeving:

- Reeve in the hoist rope depending on the maximum rope pull and the weight of the hoist load between the boom head and the hook block.
- Before reeving in, check if a minimum hoist rope reeving and a minimum hook block weight are required, see the Load chart manual, chapter 40.40.
- For multiple reeving, the maximum possible load is reduced due to the pulley friction and the rope bend.
- Observe the national standard when selecting the maximum permissible load.
- Take the maximum permissible load depending on the number of hoist rope strands from the *Chart Hoist rope reeving (EST)*, see Load chart manual, chapter 40.90.
- The LICCON overload protection must be set to the number of hoist rope strands.



Note

To increase the service life of the rope, observe the following points:

- ▶ Higher reeving to reduce the rope pull is recommended.
- ▶ For care of rope, see Crane operating instructions, chapter 8.04.



Note

- ▶ The number of hoist rope strands indicated in the load chart in the load column refers to their maximum load according to EN 13000.

3 5-fold rope safety according to ASME B30.5

In countries where the national standard ASME B30.5 is used, a 5-fold rope safety for rotation-resistant hoist ropes is specified. The reeving required for lifting the load shall be taken in this case from the *ASME B30.5* column in the *Hoist rope reeving chart (EST)*. For example, in Canada, USA and Taiwan.



Note

- ▶ Contrary to ASME B30.5, EN 13000 also takes the degree of efficiency of the rope drive into account. Therefore, in countries where the national standard ASME B30.5 is used, loads up to a certain reeving are lower than in EN 13000. From this specific reeving, the maximum loads determined according to EN 13000 apply. In reference to ASME B30.5, from this specific reeving, restrictions are no longer required.
 - ▶ When adhering to the standard specifications in chapter 5.3.2.1.1 (e) of ASME B30.5 (2014), rope pulls according to EN 13000 can also be used.
-

40.35 Hook blocks and load hooks

1	Minimum required hook block weight	3
2	Calculating the minimum required hook block weight	4
3	Procedure in case of slack rope	6

Fig.195219

1 Minimum required hook block weight



WARNING

Falling components and hook block!

If the hook block weight is too low, the hoist rope can pull the hook block upward between the winch and the boom head from a certain hoisting height. Boom head and hook block can be damaged. Damaged components and the hoist rope can fall down.

If slack rope forms between the winch and the boom head when spooling the winch out, then the hook block can suddenly fall down!

Personnel can be severely injured or killed!

This could result in high property damage!

- ▶ Calculate the minimum required hook block weight before lifting the load.
- ▶ Select the weight of the hook block depending on the calculation.
- ▶ Slack rope formation is prohibited.

When the hook block weight is too low:

- ▶ Select a heavier hook block or increase the hook block weight with auxiliary weights or modification kits.

NOTICE

Rope damage due to insufficient weight of the hook block!

If no minimum system-related hoist reeving is required for the operating mode:

- ▶ Reeve a hook block at least depending on the weight of the load to be lifted.

If loads are taken up at great heights:

- ▶ If possible, increase the reeving.

If the reeving was increased:

- ▶ Increase the hook block weight.

When the hook block weight is too low:

- ▶ Select a heavier hook block or increase the hook block weight with auxiliary weights or modification kits.



Note

Observe the following notes:

For wear reduction of the hoist rope:

- ▶ When the available rope lengths and the maximum permissible hook block weight allow to make a higher reeving. Especially then when loads are taken up in great height.

Since the hoist rope weight is taken into account in the load charts at minimum reeving and at minimum radius only to the placement surface of the crane:

- ▶ At higher reeving or when lowering the hook block under the crane placement surface, the additional hoist rope weight must be deduced from the maximum load.



Note

Observe the permissible hook block weights for erection and take down of the boom system.

If the permissible hook block weight for erection and take down of the boom system is exceeded due to the own weight increase of the hook block, then the boom system cannot be erected or taken down with this hook block weight.

- ▶ Observe the permissible hook block weights for erection and take down in the erection and take down charts.

If the permissible hook block weight for erection and take down is exceeded:

- ▶ Remove auxiliary weights for the erection and take down of the boom system.

2 Calculating the minimum required hook block weight

Formula	
$G = L \times M \times n \times F$	

Formula to determine the minimum required hook block weight

Abbreviation	Description	Unit
G	Minimum required hook block weight	lb
L	Overall boom length	ft
M	Rope weight	lb/ft
n	Reeving	-
F	Factor	-

Explanation of variables to calculate the minimum required hook block weight

2.1 Determining the rope weight for the rope diameter

Rope diameter		Rope weight M	
13 mm	0.0427 ft	0.85 kg/m	0.57 lb/ft
15 mm	0.0492 ft	1.12 kg/m	0.75 lb/ft
17 mm	0.0558 ft	1.45 kg/m	0.97 lb/ft
19 mm	0.0623 ft	1.81 kg/m	1.22 lb/ft
21 mm	0.0689 ft	2.24 kg/m	1.51 lb/ft
23 mm	0.0755 ft	2.67 kg/m	1.79 lb/ft
25 mm	0.0820 ft	3.09 kg/m	2.08 lb/ft
28 mm	0.0919 ft	3.94 kg/m	2.65 lb/ft
30 mm	0.0984 ft	4.46 kg/m	3.00 lb/ft
32 mm	0.1050 ft	5.09 kg/m	3.42 lb/ft
38 mm	0.1247 ft	7.21 kg/m	4.84 lb/ft
40 mm	0.1312 ft	7.99 kg/m	5.37 lb/ft
52 mm	0.1706 ft	13.50 kg/m	9.07 lb/ft

Rope diameter and rope weight

2.2 Determining the factor for reeving

Reeving n	Factor F
1	1.31
2	1.34
3	1.36
4	1.39
5	1.41
6	1.44

Reeving n	Factor F
7	1.46
8	1.49
9	1.52
10	1.54
11	1.57
12	1.60
13	1.63
14	1.65
15	1.68
16	1.71
17	1.74
18	1.77
19	1.80
20	1.83
21	1.87
22	1.90
23	1.93
24	1.96
25	2.00
26	2.03
27	2.06
28	2.10
29	2.13
30	2.17

Reeving and factor

2.3 Calculation example for crane operation with 1 hoist rope winch in single operation

Crane configuration:

- Length of main boom: 230 ft
- Length of auxiliary boom: 92 ft
- Rope diameter: 0.0919 ft (28 mm)
- Reeving: 12 rope strands

Variables for calculation:

- L** = overall boom length = 322 ft
- M** = rope weight for rope diameter 0.0919 ft (28 mm) = 2.65 lb/ft
- n** = reeving = 12
- F** = factor for 12 rope strands = 1.60

Calculation:

$$G = L \times M \times n \times F$$

$$G = 322 \text{ ft} \times 2.65 \text{ lb/ft} \times 12 \times 1.60$$

G = 16383 lb

The minimum required hook block weight must be 16383 lb.

It is recommended to increase the minimum required hook block weight at least an additional 10 percent (1638 lb) to 18021 lb. This improves the spooling performance of the rope. When doing so, the maximum load for the respective boom combination may **not** be exceeded.

2.4 Calculation example for crane operation with 2 hoist rope winches in parallel operation

Crane configuration:

- Length of main boom: 230 ft
- Length of auxiliary boom: 92 ft
- Rope diameter: 0.0919 ft (28 mm)
- Reeving: 2 x 8 rope strands

Variables for calculation:

L = overall boom length = 322 ft

M = rope weight for rope diameter 0.0919 ft (28 mm) = 2.65 lb/ft

n = reeving = (2 x 8)

F = factor for 8 rope strands = 1.49

Calculation:

$$G = L \times M \times (2 \times n) \times F$$

$$G = 322 \text{ ft} \times 2.65 \text{ lb/ft} \times (2 \times 8) \times 1.49$$

$$G = 20343 \text{ lb}$$

The minimum required hook block weight must be 20343 lb.

It is recommended to increase the minimum required hook block weight at least an additional 10 percent (2034 lb) to 22377 lb. This improves the spooling performance of the rope. When doing so, the maximum load for the respective boom combination may **not** be exceeded.

3 Procedure in case of slack rope



Note

- ▶ If the hook block can no longer be lowered due to slack rope formation, then the following steps must be carried out!

3.1 Spooling up loose hoist rope

- ▶ Spool up loose hoist rope between the boom head and the wind carefully onto the winch.



Note

- ▶ A slight rope slack must remain between the boom head and the winch!

3.2 Luffing the boom down

NOTICE

Danger of collision!

When luffing the boom down, the hoist rope length can shorten and pull the hook block against the boom head.

- ▶ Monitor the distance of the hook block to the boom head.
- ▶ Luff the boom down carefully.

Result:

- The hoist rope between the boom head and the winch is tensioned.

3.3 Lowering the hook block

- ▶ Lower the hook block carefully with the hoist gear.

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40.35.10 Hook blocks for single operation

1 Crane operation with 1 hoist rope $F = 105 \text{ kN}$ and $d = 7/8''$ (23 mm) (EST1)

3

Fig.195219

1 Crane operation with 1 hoist rope $F = 105 \text{ kN}$ and $d = 7/8''$ (23 mm) (EST1)

1.1 Load hook 12.5 E (SWL 12.5 t (27560 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
10.5 t	23200 lb	0	1	0.50 t	1100 lb

1.2 Hook block 32 EM (SWL 32.0 t (70560 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
31.2 t	68700 lb	1	3	0.87 t	1920 lb

1.3 Hook block 32 DM (SWL 32.0 t (70560 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
31.2 t	68700 lb	1	3	0.84 t	1850 lb

1.4 Hook block 80 EM (SWL 80.0 t (176400 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
70.6 t	155600 lb	3	7	1.45 t	3200 lb

1.5 Hook block 80 DM (SWL 80.0 t (176400 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
70.6 t	155600 lb	3	7	1.45 t	3200 lb

1.6 Hook block 80 TDM (SWL 80.0 t (176400 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
70.6 t	155600 lb	3	7	1.45 t	3200 lb

1.7 Hook block 125 DM (SWL 125.0 t (275630 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
107.7 t	237300 lb	5	11	1.60 t	3530 lb

1.8 Hook block 160 DM (SWL 160.0 t (352800 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
142.6 t	314400 lb	7	14	1.70 t	3750 lb

1.9 Hook block 200 DM (SWL 200.0 t (441000 lb))

Load		Rope pulleys	Maximum reeving	Net weight without auxiliary weight	
151.0 t	332800 lb	9	16	1.90 t	4200 lb

40.35.40 Distance between hook and roller set in the boom head

1 Distance between the hook and roller set in the boom head

3

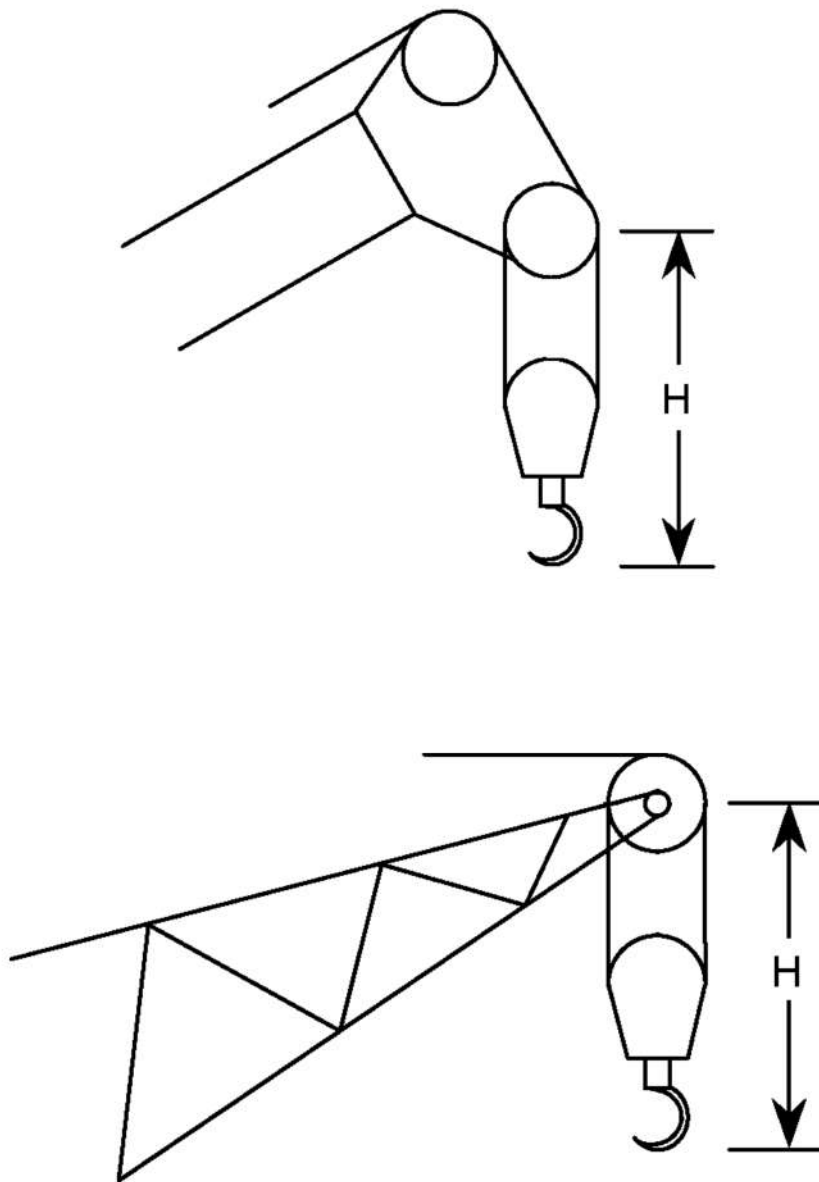


Fig.153960: Distance Hook and roller set in boom head

1 Distance between the hook and roller set in the boom head

To determine the hook height, the lifting height must be reduced by the distance between the hook and the center of the roller set in the boom head.

The distances for the hook block used can be taken from the following chart.

Hook block	Distance H			
	On the pulley head of the telescopic boom	On the pulley head of the lattice jib	On the pulley head of the single folding jib	On the pulley head of the double folding jib
Load hook 12.5 E	12.5 ft	12.1 ft	11.8 ft	11.8 ft
Hook block 32 EM	13.1 ft	13.8 ft	11.8 ft	11.5 ft
Hook block 32 DM	13.1 ft	13.8 ft	11.5 ft	11.5 ft
Hook block 80 EM	13.5 ft	14.4 ft	12.5 ft	12.1 ft
Hook block 80 DM	13.5 ft	14.8 ft	12.5 ft	12.5 ft
Hook block 80 TDM	13.5 ft	14.8 ft	12.5 ft	12.5 ft
Hook block 125 DM	13.8 ft	—	—	—
Hook block 160 DM	14.1 ft	—	—	—
Hook block 200 DM	14.4 ft	—	—	—

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40.50 Load reductions

1	Load reduction with installed boom nose	2
2	Load reduction with installed folding jib	3

1 Load reduction with installed boom nose

**Note**

- ▶ The specified loads are valid for crane operation on main boom or auxiliary boom without installed boom nose.

If the boom nose is installed in crane operation with operating modes without boom nose, then the loads are reduced by the following points:

- Weight of boom nose.
- Weight of reeved in hoist rope on the boom nose.
- Weight of used load handling equipment on boom nose.
- Weight of used load handling and fastening equipment on boom head.

**Note**

No separate load charts are available for crane operation on boom nose. The load charts for the main and auxiliary boom operating modes apply with the following reductions:

- ▶ Weight of boom nose.
- ▶ Weight of reeved in hoist rope on the boom nose.
- ▶ Weight of used load handling and fastening equipment on boom nose.
- ▶ Weight of load handling equipment on boom head.

2 Load reduction with installed folding jib

The load specified in the load charts for crane operation on the main boom are valid without folding jib installed on the side on the boom pivot section.



Note

- ▶ On the main boom, if an approved folding jib is installed on the side on the boom pivot section during crane operation, then the possible load values are reduced. The respective load reductions are specified in the following chart.
- ▶ A permissible folding jib is for example a double folding jib, a single folding jib or a special folding jib.

Boom length	Load reduction
T-51.4 ft	2650 lb
T-54.7 ft	1985 lb
T-68.0 ft	1540 lb
T-70.4 ft	1540 lb
T-81.4 ft	1325 lb
T-94.5 ft	1100 lb
T-100.0 ft	1100 lb
T-107.8 ft	1100 lb
T-121.0 ft	880 lb
T-129.7 ft	880 lb
T-134.2 ft	880 lb
T-147.2 ft	662 lb
T-159.0 ft	662 lb
T-173.6 ft	662 lb
T-186.6 ft	662 lb
T-188.3 ft	662 lb
T-199.4 ft	440 lb
T-212.6 ft	440 lb
T-217.2 ft	440 lb
T-225.6 ft	440 lb
T-228.5 ft	440 lb
T-230.2 ft	440 lb
T-237.3 ft	440 lb
T-243.2 ft	440 lb
T-246.1 ft	440 lb

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40.53 Counterweight / ballast

1 Counterweight

2

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1 Counterweight



WARNING

Incorrectly installed counterweight!

Toppling crane, falling counterweight plates.

Death or severe injuries, high property damage.

- ▶ Observe the assembly guidelines for the counterweight, see Crane operating instructions, chapter 4.07.
- ▶ Attach the counterweight according to the data in the load charts.



Note

- ▶ The counterweight plates are marked with their own weight.

Nominal counterweight	
12.0 t	26500 lb
17.0 t	37500 lb
22.0 t	48500 lb
27.0 t	59500 lb
32.0 t	70600 lb
37.0 t	81600 lb
42.0 t	92600 lb
47.0 t	103600 lb
52.0 t	114600 lb
57.0 t	125700 lb
62.0 t	136700 lb
67.0 t	147700 lb
72.0 t	158700 lb

40.55 Slewing speed of the crane superstructure

1 Maximum permissible slewing speed at suspended nominal load

2

1 Maximum permissible slewing speed at suspended nominal load



WARNING

Exceeding the maximum permissible slewing speed!

Toppling crane, failure of crane structures.

Death or severe injuries, high property damage.

► Observe the maximum permissible slewing speed.

Operating mode	Permissible slewing speed		
	LICCON ¹⁾	Slewing angle ²⁾	RPM ³⁾
T-41.5 ft to T-98.3 ft	35 %	136.8 °/min	0.38 rpm
T-98.4 ft to T-246.1 ft	25 %	82.8 °/min	0.23 rpm
TK/TNZK operation	25 %	82.8 °/min	0.23 rpm
TVK/TVNZK operation	25 %	82.8 °/min	0.23 rpm
TNZF operation	25 %	82.8 °/min	0.23 rpm
TS operation	25 %	82.8 °/min	0.23 rpm

Maximum permissible slewing speed at suspended nominal load

1) Slewing speed to be set in LICCON in percent [%]. See "speed reduction master switch" in Crane operating instructions 4.02.

2) Slewing speed in reference to the slewing angle in degrees per minute [°/min]. See "monitored auxiliary functions" in Crane operating instructions 4.02.

3) RPM in revolutions per minute [rpm].

40.60 Boom system

1	Short description of component groups	2
2	Combination of component groups for operating modes	2

1 Short description of component groups

1.1 Main boom

Sign	Description
T	Telescopic boom

1.2 Auxiliary boom

Sign	Description
K	Folding jib
NZK	Hydraulically adjustable folding jib
NZF	Hydraulically adjustable lattice jib
S	Strong lattice jib

1.3 Telescopic boom extension

Sign	Description
V	Telescopic boom extension

2 Combination of component groups for operating modes

The component groups of the boom system can be combined to operating modes, see Load chart manual, chapter 40.62.



Note

- This load chart manual contains load charts for certain operating modes. Overview of the respective operating modes, see Load chart manual, chapter 40.90.

40.62 Operating modes

1	Main boom operating modes	2
2	Auxiliary boom operating modes	2

1 Main boom operating modes

Examples:

T: T*		
Component group	Operating mode	Description
Main boom	T*	Telescopic boom with auxiliary device, see the Load chart manual, chapter 40.62.30

T: T~		
Component group	Operating mode	Description
Main boom	T~	Service and lubricate the telescopic boom, see Load chart manual, chapter 40.62.10

T: T		
Component group	Operating mode	Description
Main boom	T	Telescopic boom

2 Auxiliary boom operating modes

Examples:

TK: T K- 11 ft		
Component group	Operating mode	Description
Main boom	T	Telescopic boom
Auxiliary boom	K- 11 ft	11 ft special folding jib

TK: T K- 38 ft		
Component group	Operating mode	Description
Main boom	T	Telescopic boom
Auxiliary boom	K- 38 ft	38 ft folding jib

TNZK: T NZK- 66 ft		
Component group	Operating mode	Description
Main boom	T	Telescopic boom
Auxiliary boom	NZK- 66 ft	66 ft Hydraulically adjustable folding jib

TVK: TV- 23 ft K- 38 ft		
Component group	Operating mode	Description
Main boom	TV- 23 ft	Telescopic boom with 23 ft telescopic boom extension
Auxiliary boom	K- 38 ft	38 ft folding jib

TVNZK: TV- 46.0 ft NZK- 66.0 ft		
Component group	Operating mode	Description
Main boom	TV- 46 ft	Telescopic boom with 46 ft telescopic boom extension
Auxiliary boom	NZK- 66 ft	66 mft Hydraulically adjustable folding jib

TNZF: T NZF- 26.0 ft		
Component group	Operating mode	Description
Main boom	T	Telescopic boom
Auxiliary boom	NZF- 26 ft	26 ft hydraulically adjustable lattice jib

TS: T S- 59.0 ft		
Component group	Operating mode	Description
Main boom	T	Telescopic boom
Auxiliary boom	S- 59 ft	59 ft sharp lattice jib

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40.62.10 Special operating modes

1 Maintenance operation and assembly operation operating mode

2

1 Maintenance operation and assembly operation operating mode



WARNING

“Maintenance operation and assembly operation” operating mode **not** selected!

The crane can topple over during the lubrication of the telescopic boom.

Death, severe bodily injury, property damage.

- ▶ Only service the telescopic boom with the “maintenance operation and assembly operation” operating mode active.

Make sure that the following prerequisites are met:

- The crane is supported and horizontally aligned according to the data in the load chart.
- The counterweight is installed and secured according to the data in the load chart.
- **No** hook block has been reeved.
- The hoist rope is spooled up and secured on the winch.
- The set up configuration has been entered in the LICCON computer system. All displays are within a permissible range.
- The telescopic boom is aligned in horizontal position (0°- main boom angle).
- “Maintenance operation and assembly operation” operating mode is selected.

T: T~		
Component group	Operating mode	Description
Main boom	T~	Servicing and lubricating the telescopic boom

Servicing and lubricating the telescopic boom operating mode

40.62.20 Assembly operating modes

1	Disassembling and assembling the front sliding beams with the own crane	2
2	Disassembling and assembling the rear sliding beams with the own crane	3
3	Disassembling and assembling the rear sliding beams with the own crane (telescopic boom on the dolly)	4

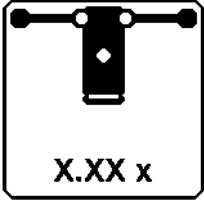
1 Disassembling and assembling the front sliding beams with the own crane

To reduce the axle loads, the front sliding beams can be disassembled with the own crane, see Crane operating instructions, chapter 5.17. A special load chart must be set for the assembly and disassembly of the front sliding beams.

The following load charts are available for this:

- Load chart with support base “Crane supported on the rear, front freely on tires”. See section “Support base: Crane supported on the rear, front freely on tires”.
- “Crane freestanding on tires” load chart. See section “Crane freestanding on tires”.

1.1 Support base: Crane supported on the rear, front freely on tires

Icon	Description
 <p>X.XX x</p>	<ul style="list-style-type: none"> - Support base: Crane supported on the rear, front freely on tires X.XX x = Width of rear support base

Support base “Crane supported on the rear, front freely on tires”

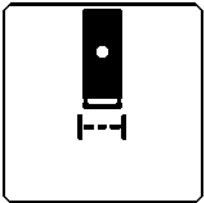
For the load chart with support base “Crane supported on the rear, front freely on tires”, multiple assembly procedures are permissible. A certain working range is specified for each assembly procedure.

The permissible assembly procedures are listed in the following chart with the corresponding working range:

Assembly procedure	Working range
Disassembling and assembling the front sliding beams with the own crane	Working range 360° (360°)
Set down and pick up the disassembled sliding beams with the own crane	Working range to the front with a slewing range of +/-10° (! 180°+/-10°)
Erect and take down the telescopic boom from and in the boom receptacle	Working range to the front with a slewing range of +/-10° (! 180°+/-10°)

Assembly procedures with the corresponding working ranges

1.2 Crane freestanding on tires

Icon	Description
	<ul style="list-style-type: none"> - Support base: Crane freestanding on tires - Axle suspension blocked - Axle pressure compensation between axles 1 + 2 and 4 + 5

Crane freestanding on tires

For the load chart “Crane freestanding on tires”, multiple assembly procedures are permissible. A certain working range is specified for each assembly procedure.

The permissible assembly procedures are listed in the following chart with the corresponding working range:

Assembly procedure	Working range
Disassembling and assembling the front sliding beams with the own crane	Working range to the front with a slewing range of $\pm 40^\circ$ (! $180^\circ \pm 40^\circ$)
Set down and pick up the disassembled sliding beams with the own crane	Working range to the front with a slewing range of $\pm 10^\circ$ (! $180^\circ \pm 10^\circ$)
Erect and take down the telescopic boom from and in the boom receptacle	Working range to the front with a slewing range of $\pm 10^\circ$ (! $180^\circ \pm 10^\circ$)

Assembly procedures with the corresponding working ranges

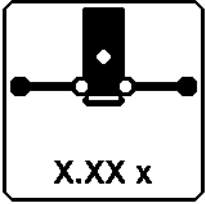
2 Disassembling and assembling the rear sliding beams with the own crane

To reduce the axle loads, the rear sliding beams can be disassembled with the own crane, see Crane operating instructions, chapter 5.17. A special load chart must be set for the assembly and disassembly of the rear sliding beams.

The following load chart is available for this:

- Load chart with support base “Crane supported on the front, rear freely on tires”. See section “Support base: Crane supported at the front, rear freely on tires”.

2.1 Support base: Crane supported at the front, rear freely on tires

Icon	Description
	<ul style="list-style-type: none"> - Support base: Crane supported at the front, rear freely on tires X.XX x = Width of support base at the front - Axle suspension blocked - Axle pressure compensation between axles 1 + 2 and 4 + 5

Support base “Crane supported at the front, rear freely on tires”

For the load chart with support base “Crane supported at the front, rear freely on tires”, multiple assembly procedures are permissible. A certain working range is specified for each assembly procedure.

The permissible assembly procedures are listed in the following chart with the corresponding working range:

Assembly procedure	Working range
Disassembling and assembling the rear sliding beams with the own crane	Working range 360° (360°)
Set down and pick up the disassembled sliding beams with the own crane	Working range to the front with a slewing range of +/-10° (! 180°+/-10°)
Erect and take down the telescopic boom from and in the boom receptacle	Working range to the front with a slewing range of +/-10° (! 180°+/-10°)

Assembly procedures with the corresponding working ranges

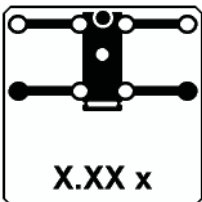
3 Disassembling and assembling the rear sliding beams with the own crane (telescopic boom on the dolly)

To reduce the axle loads, the rear sliding beams can be disassembled with the own crane, see Crane operating instructions, chapter 5.17. A special load chart must be set for the assembly and disassembly of the rear sliding beams.

The following load chart is available for this:

- Load chart with support base “Crane supported on the front, rear on the assembly support”. See section “Support base: Crane supported on the front, rear on the assembly support”.

3.1 Support base: Crane supported on the front, rear on the assembly support

Icon	Description
 <p>X.XX x</p>	<p>- Support base: Crane supported on the front, rear on the assembly support X.XX x = Width of support base at the front</p>

Support base “Crane supported on the front, rear on the assembly support”

For the load chart with support base “Crane supported at the front, rear on the assembly support”, multiple assembly procedures are permissible. A certain working range is specified for each assembly procedure.

The permissible assembly procedures are listed in the following chart with the corresponding working range:

Assembly procedure	Working range
Disassembling and assembling the rear sliding beams with the own crane	Working range 360° (360°)
Erect and take down the telescopic boom from and in the dolly receptacle	Working range to the rear with a slewing range of +/-10° (! +/-10°)

Assembly procedures with the corresponding working ranges

40.62.30 Operating modes with auxiliary device

1 Operating mode with auxiliary device

3

Fig.195219

1 Operating mode with auxiliary device



WARNING

Erroneous operation of crane!
Toppling crane, failure of crane structures.
Death or severe injuries, high property damage.

When an operating mode is marked with one * or multiple **:

- ▶ Carry out crane operation solely with an auxiliary device.

Make sure that the following prerequisite is met:

- The auxiliary device is assembled on the crane as specified by the manufacturer.

T: T*		
Component group	Operating mode	Description
Main boom	T*	Telescopic boom with auxiliary device

Operating mode with auxiliary device, variation 1

T: T**		
Component group	Operating mode	Description
Main boom	T**	Telescopic boom with auxiliary device

Operating mode with auxiliary device, variation 2

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40.65 Description of the load chart

1 Description of the load chart

3

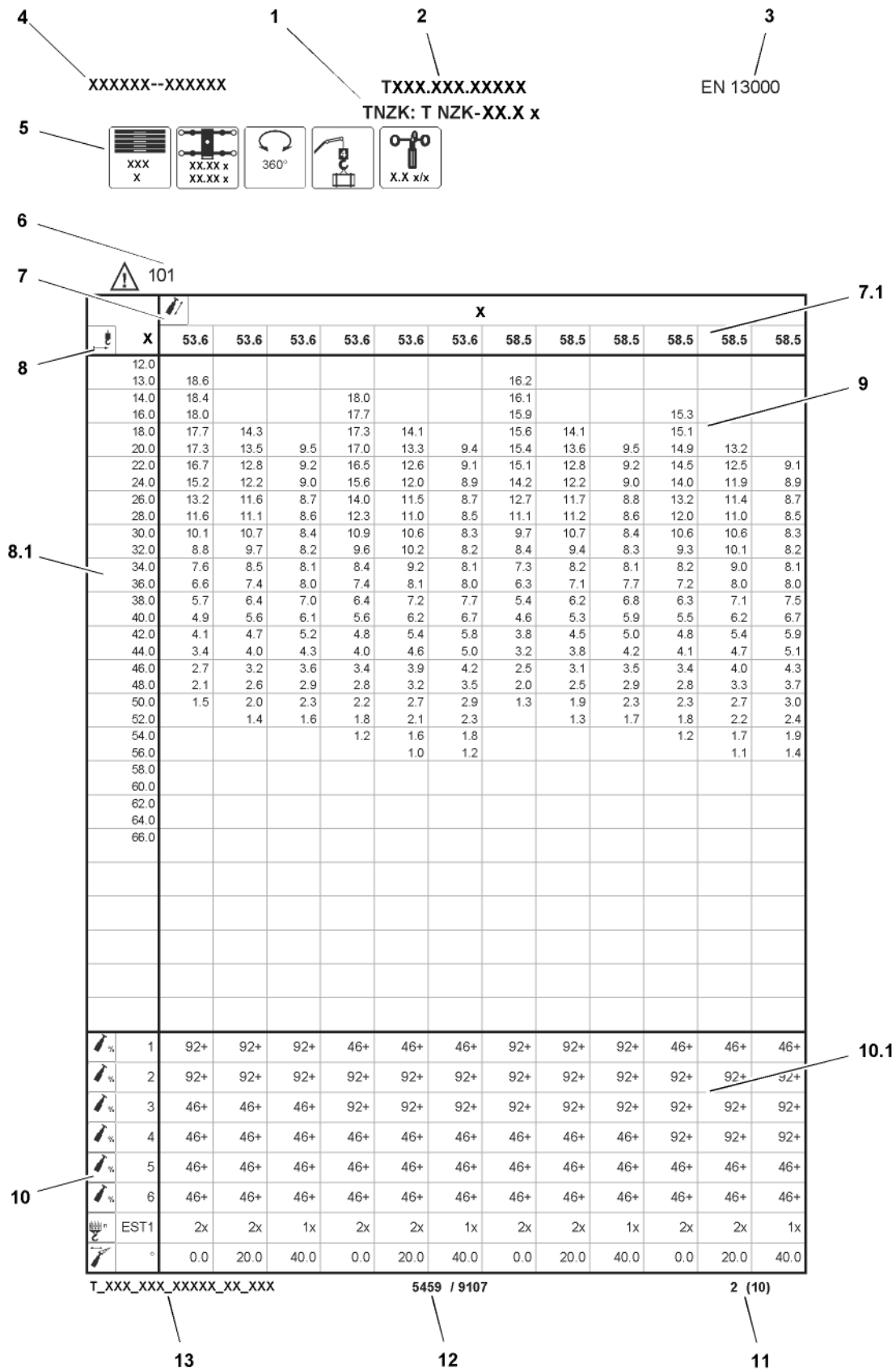


Fig.149208: Example of a load chart

1 Description of the load chart



WARNING

Erroneous operation of the crane!

Toppling crane, failure of crane structures.

Death or severe injuries, high property damage.

- ▶ Set the LICCON overload protection exactly with the data in the respective load chart.
- ▶ Working outside the permissible set up configurations, boom radii and slewing ranges according to the load chart is prohibited.
- ▶ Move the boom system at assembly operation only within the permissible ranges.

The data in the displayed load chart are examples and may not apply exactly to your crane!

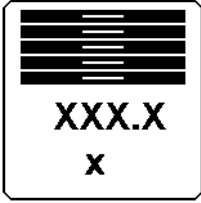
- 1 Operating mode
 - Data of operating modes, see the Load chart manual, chapter 40.62.
- 2 Chart number
 - Describes in code the set operating mode / the set up configuration status
- 3 Standard
- 4 Crane type / crane number
- 5 Chart characteristics with constant values
 - Chart characteristics must be set / equipped to be able to lift the listed load values
- 6 Code for limitations and notes
 - If codes are specified, the codes are described in the load chart manual, Chapter 40.65.10.
- 7 Telescopic boom length icon
 - Length of telescopic boom **7.1** in meters (m) or feet (ft)
- 8 Boom radius icon
 - Boom radius **8.1** in meter (m) or feet (ft)
- 9 Load values
 - Load values in tons (t) or pounds (lb)
- 10 Column characteristics with variable values
 - Variable values **10.1** of column characteristics
 - Values **10.1** must be set / equipped so that the load values **9** can be lifted.
- 11 Page specification of chart
 - Shows the current page number in the load chart manual and the total number of pages for this chart
- 12 Page specification
 - Shows the current page number in the load chart manual and the total page number
- 13 File name
 - Chart number with respective version

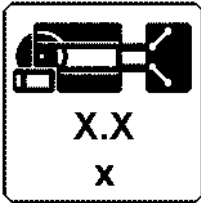
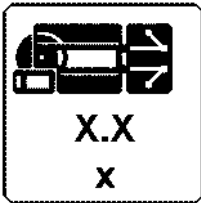


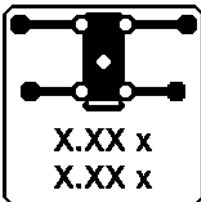
Note

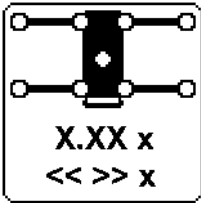
- ▶ The various characteristics can appear as column characteristics with variable values **10** or as chart characteristics with constant values **5**.
- ▶ Icons of column characteristics **10** appear without values. The respective values are shown in the columns **10.1**.
- ▶ The values of chart characteristics **5** appear in the icon.
- ▶ A total of eight column characteristics **10** can be listed. If additional ones are required, then they are listed on the chart characteristics **5**. The values for these characteristics can also change within a chart.

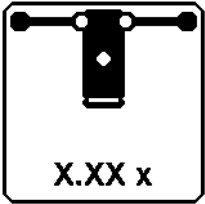
2 Icon explanation

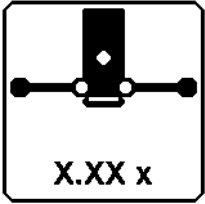
Counterweight	
	<p>This icon or the corresponding row indicates the size of the counterweight in tons (t) or pounds (lb). The specified counterweight must be on the turntable, so that the load values for the respective chart can be reached.</p>

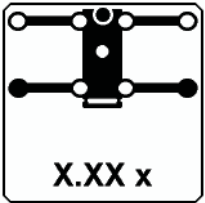
Counterweight radius	
<p>This icon or the corresponding row indicates the counterweight radius in meters (m) or feet (ft). The specified counterweight radius must be set so that the load values of the respective chart can be reached.</p>	
	- large counterweight radius
	- small counterweight radius

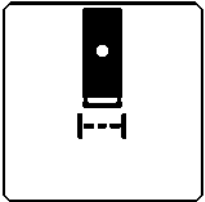
Crane supported	
	<p>This icon denotes the type and size of the support base. The size of the support base (length x width) is indicated in meters (m) or feet (ft).</p> <p>The crane must be supported on all four supports. The sliding beams must be swung out and / or extended and pinned to the specified dimension.</p> <p>Support base for "Crane supported" crane operation.</p>

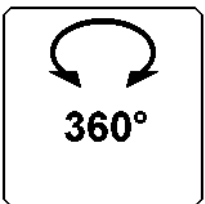
Crane supported with variable support base	
	<p>This icon denotes the type and length of the support base. The length of the support base is indicated in meters (m) or feet (ft). The width of the support base is variable.</p> <p>The crane must be supported on all four supports. The sliding beams can be swung out and / or extended to various extension conditions. For the variable support base there are no charts in the load chart manual.</p> <p>Support base for crane operation "Crane supported with variable support base".</p>
Note:	The load values for the variable support base can be determined with the LIC-CON job planner.

Crane supported on the rear, front freely on tires	
	<p>This icon denotes the type and width of the support base. The width of the support base is indicated in meters (m) or feet (ft).</p> <p>The crane may only be supported on the rear supports. The crane stands in the front on tires. The rear sliding beams must be swung out and / or extended and pinned to the specified dimension.</p> <p>Support base for assembly operating mode "Assembly and disassembly of the front sliding beams with the own crane", see the Load chart manual, chapter 40.62.20.</p>

Crane supported at the front, rear freely on tires	
	<p>This icon denotes the type and width of the support base. The width of the support base is indicated in meters (m) or feet (ft).</p> <p>The crane may only be supported on the front supports. The crane stands in the rear on tires. The front sliding beams must be swung out and / or extended and pinned to the specified dimension.</p> <p>Support base for assembly operating mode "Assembly and disassembly of the rear sliding beams with the own crane", see Load chart manual, chapter 40.62.20.</p>

Crane supported on the front, rear on the assembly support	
	<p>This icon denotes the type and width of the support base. The width of the support base is indicated in meters (m) or feet (ft).</p> <p>The crane must be supported on the front on the supports and on the rear on the assembly support. The front sliding beams must be swung out and / or extended and pinned to the specified dimension.</p> <p>Support base for assembly operating mode "Assembly and disassembly of the rear sliding beams with the own crane (telescopic boom on the dolly)", see Load chart manual, chapter 40.62.20.</p>

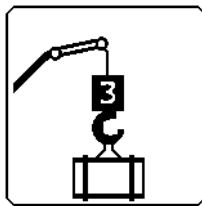
Crane freestanding on tires	
	<p>This icon indicates that the crane is only standing on tires.</p> <p>"Crane freestanding on tires" only for the assembly operating mode "Disassembly and assembly of the front sliding beams with the own crane", see the Load chart manual, chapter 40.62.20</p>

Slewing range	
	<p>In this icon, the slewing range of the crane superstructure is noted for the respective load chart. Various slewing ranges can be possible. When various slewing ranges are possible, then they are listed in the following chart.</p>

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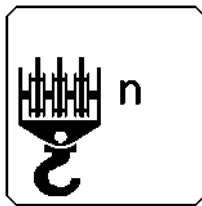
Slewing range	Description
360°	Unlimited turning is possible.
! 0°	Working range to the rear, turntable lock pinned
! +/-10°	Working range to the rear with a slewing range of +/- 10°
! 180° +/-10°	Working range to the front with a slewing range of +/-10°
! 180° +/-40°	Working range to the front with a slewing range of +/- 40°
If the slewing range is displayed with the mark “!”, then this means that the LICCON switches automatically to the load chart for the 360° slewing range as soon as the specified slewing range is left.	
Note:	The load charts marked with “!” do not always have all the load chart columns with the telescope extension conditions of the respective 360° load charts.

Load position



In this icon, the position of the load on the boom system is noted. The possible load positions depend on the selected operating mode.

Hoist rope reeving



This icon or row indicates the number of hoist rope strands. The maximum load capacity of the corresponding table column is reached with the indicated number of hoist rope strands.

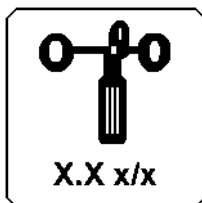
If the number of hoist rope strands is marked with two “!”, for example “3!!”: The specified number of hoist rope strands applies for all load chart values in the corresponding chart column.

If a load value in the chart column exceeds that of a load that can be lifted with the maximum possible reeving, then there is an exclamation mark “!” next to the reeving number. If the mark “!” is shown, special equipment is required to lift the respective load.

- Loads above 134.0 t (295500 lb) with auxiliary pulley
- Loads above 151.0 t (332800 lb) with auxiliary device

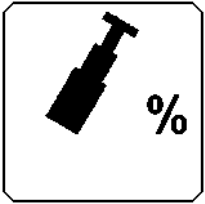

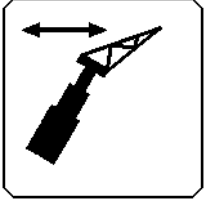
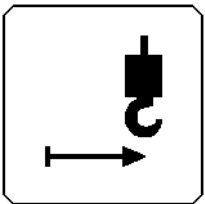
The specified “Chart Hoist rope reeving” (EST) serves as the basis for the determination of the listed hoist rope strands.

Permissible wind speed



This icon or corresponding row shows the maximum permissible wind speed in meters per second (m/s) or feet per second (ft/s). The maximum permissible wind speed depends on the operating mode and the set up configuration. If the wind speed exceeds the specified value, crane operation must be stopped and the crane must be taken down.

Note: The maximum permissible wind speed refers to the 3 second wind gust speed at maximum lifting height.

Extension condition of telescopic sections	
	<p>The extension condition of the individual telescopic section is indicated as a percentage (%). Specification "0" = fully retracted Specification "100" = fully extended. Other extension conditions than specified in the charts are not permissible.</p> <p>The "+" sign next to the percentage value means that the corresponding telescopic section must be pinned.</p> <p>A "-" sign next to the percentage value means that the corresponding telescopic section can be telescoped to the percentage value of the extension condition under load (according to load chart).</p> <p>The loads assigned to the radii in the chart always apply for the respective maximum extension condition of a chart column.</p>
Telescopic boom length	
	<p>On the line below this icon, the various main boom lengths of the telescopic boom are entered column by column in meters (m) or feet (ft)</p>
<p>Note:</p>	<p>In operating modes with only one telescopic boom length, the icon appears at the chart characteristics.</p>
Auxiliary boom angle	
	<p>This icon or the corresponding row indicates the auxiliary boom angle in degrees (°). The specified auxiliary boom angle must be set to be able to reach the load values of the respective chart.</p>
Boom radius	
	<p>The boom radius (the working radius) is the horizontal distance of the hook block from the rotation axis of the crane superstructure in meters (m) or feet (ft), measured on the ground.</p>

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40.65.10 Limitations and notes

1 Limitations and notes in load charts

2

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1 Limitations and notes in load charts



WARNING

Disregard of limitations and notes in load charts!
 Toppling crane, failure of crane structures.
 Death or severe injuries, high property damage.
 ► Adhere to the limitations and notes.



Note

► In part, limitations and notes are noted with a code on the load charts. In the following chart, the limitations and notes are listed with the respective code.

Code	Limitations and notes	Description
101	Loads above 134.0 t (295500 lb) only with auxiliary block	—
102	Loads above 151.0 t (332800 lb) only with auxiliary device	—

40.70 Wind influences for crane operation

1	Terminology	2
2	Influence of wind on the LICCON overload protection	3
3	Permissible wind speed and wind surface calculation	4

1 Terminology

The following chart lists the most important terms, signs and units for wind influences during crane operation.



Note

- ▶ Make yourself familiar with the terms. For the determination and calculations of the permissible wind speed, you have to know the influence factors.
- ▶ Contact Liebherr-Werk Ehingen GmbH, if you need additional information for wind influences during crane operation.

Sign	Unit	Description	Definition
A_P	[m ²] [ft ²]	Projection surface	Applicable for the calculation of the wind exposure surface, vertically to the surface directed to the flow.
c_W		Wind resistance coefficient	Value for the flow resistance of wind flowing around a body.
A_W	[m ²] [ft ²]	Area exposed to wind	Area exposed to wind = Projection area x Wind resistance coefficient $A_W = A_P \times c_W$
m_T	[t] [lb]	Load	Respective chart value from load chart.
m_H	[t] [lb]	Hoist load	Weight to be lifted (mass) (including fastening equipment, hook block and possible the hoist rope part, which was not yet considered in the calculation). The hoist load may not reach more than the maximum chart value of the load chart.
m_N	[t] [lb]	Load capacity	Weight (mass) of the component to be lifted (without fastening equipment and hook block).
$v(z)$	[m/s] [ft/s]	3-second wind gust speed	Medium value of wind speed created over a time frame of 3 seconds at a height of z above the ground.
v_{max}	[m/s] [ft/s]	Maximum permissible wind speed	Maximum permissible 3 second wind gust speed at maximum lifting height.
v_{max_TAB}	[m/s] [ft/s]	Maximum permissible wind speed (load charts)	Maximum permissible 3 second wind gust speed in maximum lifting heights, which are specified for the load chart values in the load chart.
p	[N/m ²] [N/ft ²]	Dynamic pressure	Pressure load on a body due to wind flow. Dynamic pressure = density / 2 x (3-second wind gust speed) ² $p = \rho / 2 \times (v(z))^2$ (ρ = Density of air = 1.25 kg/m ³ (0.078 lb/ft ³))
F_W	[N]	Wind load	Force effect on a body due to wind flow. $F_W = A_W \times p$

Symbol

2 Influence of wind on the LICCON overload protection

The wind can put an additional strain or relief on the crane system, especially in operating modes with long boom systems and steep boom position. This can falsify the load display. The LICCON overload protection can possibly turn off too early or too late.

2.1 Wind from rear

If wind is coming from the rear, the boom system is additionally stressed. The load display is too high. The shut off of the LICCON overload protection is already triggered for a hoist load, which is smaller than the maximum load.

2.2 Wind from the front

If wind is coming from the front, the boom system is relieved. The load display is too low. The shut-off of the LICCON overload protection is triggered only by a hoist load that is larger than the maximum load.



DANGER

Danger of tipping and overload of load carrying components!

The wind from the front does not reduce the load of the hook, hoist rope, hoist rope pulleys and hoist winch. If wind is coming from the front, these components can be overloaded by lifting a load until the shut-off of the LICCON overload protection!

If the wind from the front diminishes, then the entire crane can be overloaded if it had been stressed before until shut-off of the LICCON overload protection.

- ▶ The crane driver must know the weight of the hoist load and may not exceed the maximum load capacity.
-

2.3 Wind from the side

If wind is coming from the side, the boom system is stressed on the side. The load display is almost the same as for crane operation without wind influences.



DANGER

Danger of tipping and overload of load carrying components!

For crane operation, if the wind speed is higher than the maximum permissible wind speed, then the crane can be overloaded without it being noticed if wind is coming from the side!

- ▶ The crane driver must know the weight of the hoist load and may not exceed the maximum load capacity.
 - ▶ Before crane operation, determine the maximum permissible wind speed and carry out the wind surface calculation if necessary.
-

3 Permissible wind speed and wind surface calculation



DANGER

Wind speed too high!

Danger of tipping and overload of load carrying components.

Death, severe bodily injuries, property damage.

- ▶ Before starting to work, the crane operator must check with the respective weather bureau to obtain the wind speeds for the duration of operation. If impermissible wind speeds are expected, then it is prohibited to lift a hoist load.
- ▶ The 3 second wind gust speed $v(z)$ at the maximum height of the crane may not exceed the maximum permissible wind speed (v_{max}) and the maximum permissible wind speed according to the load chart (v_{max_TAB}) at any point in time.



Note

- ▶ The maximum permissible wind speed (v_{max}) and the maximum permissible wind speed according to the load chart (v_{max_TAB}) always refers to the 3 second wind gust speed, which is present in the maximum height of the crane.
- ▶ Instead of the 3 second wind gust speed, weather information services often report a wind speed (v_m), which is averaged within a time period of 10 minutes (so-called 10 minute average). It refers to the wind force on the Beaufort scale, normally to the medium value of the wind speed, which is determined within a time from of 10 minutes at a height of 10 m (32.8 ft) above ground or above sea level.
- ▶ The determining factor for the calculation of the 3 second wind gust speed in maximum height of the crane is significantly higher than the medium value of the wind speed, which is determined over a time of 10 minutes at a height of 10 m (32.8 ft) above ground.

Crane operation is generally permissible up to the maximum wind speed (v_{max_TAB}) specified in the respective load chart for the current boom length.

Prerequisite for that is:

- The wind exposure surface (A_w) of the hoist load is not more than 1.2 m²/t (0.00586 ft²/lb)



DANGER

Wind speed too high!

Danger of tipping and overload of load carrying components.

- ▶ The maximum permissible wind speed according to the load chart (v_{max_TAB}) may not be exceeded, even if the wind exposure surface (A_w) of the hoist load is smaller than 1.2 m²/t.
- ▶ If the wind exposure surface (A_w) of the hoist load is more than 1.2 m²/t, then the maximum permissible wind speed (v_{max}) must be redetermined for the load case.

3.1 Wind resistance coefficient (c_w)

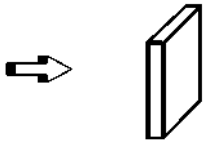

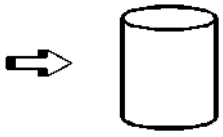
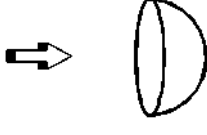
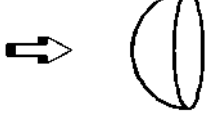

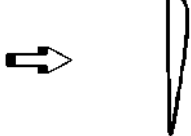
For the determination of the maximum permissible wind speed (v_{max}), the highest wind resistance coefficient (c_w) is required. The wind resistance coefficient (c_w) depends on the shape of the hoist load.



Note

- ▶ Check with person who created the load to be lifted for the wind resistance coefficient (c_w).

The following chart lists the typical shapes with the respective wind resistance coefficients (c_w).

Shape	Wind resistance coefficient c_w	Examples
	1.1 to 2.0	Plate, panel, piling
	0.3 to 0.4	Ball, ball-shaped container
	0.6 to 1.0	Pipe, silo, reactor container
	0.8 to 1.2	Hemisphere
	0.2 to 0.3	Hemisphere
	0.05 to 0.1	Rotor blade, complete rotor
	Approx. 1.6	Rotor blade, complete rotor

Shapes with respective wind resistance coefficients (c_w)

3.2 Determining the maximum permissible wind speed (v_{max})



WARNING

Wind speed too high!
Toppling crane, failure of crane structure.
Death, severe bodily injuries, property damage.

► **Never** exceed the maximum permissible wind speed according to the load chart (v_{max_TAB}).

The maximum permissible wind speed (v_{max}) can be determined with the following methods:

- Calculate the maximum permissible wind speed
- Determining the maximum permissible wind speed with wind force diagrams

If the determined maximum permissible wind speed (v_{\max}) is **greater than** the maximum permissible wind speed according to the load chart (v_{\max_TAB}):

- Crane operation up to the maximum permissible wind speed according to the load chart (v_{\max_TAB}).

If the determined maximum permissible wind speed (v_{\max}) is **smaller than** the maximum permissible wind speed according to the load chart (v_{\max_TAB}):

- Crane operation permitted up to the determined maximum permissible wind speed (v_{\max}).

3.3 Calculating the maximum permissible wind speed

$$v_{\max} = v_{\max_TAB} \times \sqrt{\frac{1.2 \frac{\text{m}^2}{\text{t}} \times m_H}{A_W}} \quad \left(v_{\max} = v_{\max_TAB} \times \sqrt{\frac{0.00586 \frac{\text{ft}^2}{\text{lbs}} \times m_H}{A_W}} \right)$$

Fig.115560: Formula for the calculation of the maximum permissible wind speed

The following data is required for the calculation:

- Maximum permissible wind speed according to load chart (v_{\max_TAB})
- Hoist load (m_H)
- Projection surface of hoist load (A_p)
- Wind resistance coefficient (c_w)

Description of procedure:

1. Calculation of wind exposure surface ($A_W = A_p \times c_w$)
2. Check if the wind exposure surface (A_W) exceeds the limit value of 1.2 m²/t (0.00586 ft²/lb)
3. Calculation of the maximum permissible wind speed (v_{\max})

3.3.1 Example for the calculation of the maximum permissible wind speed

Data for calculation of load case:

$$\begin{aligned} v_{\max_TAB} &= 9.0 \text{ m/s (29.6 ft/s)} \\ m_H &= 50.0 \text{ t (110250 lb)} \\ A_p &= 70.0 \text{ m}^2 \text{ (753.47 ft}^2\text{)} \\ c_w &= 1.4 \end{aligned}$$

Step 1: Calculation of wind exposure surface

$$\begin{aligned} A_W &= A_p \times c_w \\ A_W &= 70.0 \text{ m}^2 \text{ (753.47 ft}^2\text{)} \times 1.4 \\ A_W &= 98.0 \text{ m}^2 \text{ (1054.86 ft}^2\text{)} \end{aligned}$$

Result: The wind exposure surface (A_W) is: **98.0 m² (1054.86 ft²)**

Step 2: Checking if the wind exposure surface (A_W) exceeds the limit value of 1.2 m²/t (0.00586 ft²/lb)

The wind exposure surface per ton of hoist load is: 98.0 m² (1054.86 ft²) / 50 t (110250 lb) = **1.96 m²/t (0.00957 ft²/lb)**

Result: The wind exposure surface per ton of hoist load exceeds the limit value of 1.2 m²/t (0.00586 ft²/lb).

The maximum permissible wind speed must be recalculated!

Step 3: Calculation of maximum permissible wind speed

$$v_{\max} = v_{\max_TAB} \times \sqrt{\frac{1.2 \frac{\text{m}^2}{\text{t}} \times m_H}{A_W}} \quad \left(v_{\max} = v_{\max_TAB} \times \sqrt{\frac{0.00586 \frac{\text{ft}^2}{\text{lbs}} \times m_H}{A_W}} \right)$$

$$v_{\max} = 9 \frac{\text{m}}{\text{s}} \times \sqrt{\frac{1.2 \frac{\text{m}^2}{\text{t}} \times 50\text{t}}{98\text{m}^2}} \quad \left(v_{\max} = 29.5 \frac{\text{ft}}{\text{s}} \times \sqrt{\frac{0.00586 \frac{\text{ft}^2}{\text{lbs}} \times 110250 \text{ lbs}}{1054.86 \text{ ft}^2}} \right)$$

$$\underline{v_{\max} = 7.04 \frac{\text{m}}{\text{s}}} \quad \left(\underline{v_{\max} = 23.098 \frac{\text{ft}}{\text{s}}} \right)$$

Fig.115561: Example for calculating the maximum permissible wind speed

Result: The maximum permissible wind speed is: **7.04 m/s (23.098 ft/s)**

3.4 Determine the maximum permissible wind speed with wind force diagrams

Depending on the maximum permissible wind speed according to the load chart (v_{\max_TAB}) the maximum permissible wind speed (v_{\max}) for the load case can be determined with the following wind force diagrams.

List of wind force diagrams:

- **Diagram 7.0 m/s (23.0 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 7.0 m/s (23.0 ft/s)
- **Diagram 8.6 m/s (28.2 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 8.6 m/s (28.2 ft/s)
- **Diagram 9.0 m/s (29.5 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 9.0 m/s (29.5 ft/s)
- **Diagram 9.9 m/s (32.5 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 9.9 m/s (32.5 ft/s)
- **Diagram 10.0 m/s (32.8 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 10.0 m/s (32.8 ft/s)
- **Diagram 11.1 m/s (36.4 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 11.1 m/s (36.4 ft/s)
- **Diagram 11.2 m/s (36.7 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 11.2 m/s (36.7 ft/s)
- **Diagram 12.8 m/s (42.0 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 12.8 m/s (42.0 ft/s)
- **Diagram 13.4 m/s (44.0 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 13.4 m/s (44.0 ft/s)
- **Diagram 14.3 m/s (46.9 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 14.3 m/s (46.9 ft/s)
- **Diagram 15.6 m/s (51.3 ft/s):** Wind force diagram for load charts with a maximum permissible wind speed (v_{\max_TAB}) of 15.6 m/s (51.3 ft/s)



WARNING

Wind speed too high!
Toppling crane, failure of crane structure.
Death, severe bodily injuries, property damage.

- ▶ The maximum permissible wind speed according to the load chart (v_{\max_TAB}) must match the maximum permissible wind speed of the wind force diagram.

The following data is required for the determination:

- Maximum permissible wind speed according to load chart (v_{\max_TAB})
- Hoist load (m_H)

- Projection surface of hoist load (A_p)
- Wind resistance coefficient (c_w)

Description of procedure:

1. Calculation of wind exposure surface ($A_w = A_p \times c_w$)
2. Check if the wind exposure surface (A_w) exceeds the limit value of 1.2 m²/t (0.00586 ft²/lb)
3. Determination of maximum permissible wind speed (v_{max}) from the respective wind force diagram

3.4.1 Example for calculating the maximum permissible wind speed

Data for calculation of load case:

$$v_{max_TAB} = 9.0 \text{ m/s (29.6 ft/s)}$$

$$m_H = 50.0 \text{ t (110250 lb)}$$

$$A_p = 70.0 \text{ m}^2 \text{ (753.47 ft}^2\text{)}$$

$$c_w = 1.4$$

Step 1: Calculation of wind exposure surface

$$A_w = A_p \times c_w$$

$$A_w = 70.0 \text{ m}^2 \text{ (753.47 ft}^2\text{)} \times 1.4$$

$$A_w = 98.0 \text{ m}^2 \text{ (1054.86 ft}^2\text{)}$$

Result: The wind exposure surface (A_w) is: **98.0 m² (1054.86 ft²)**

Step 2: Checking if the wind exposure surface (A_w) exceeds the limit value of 1.2 m²/t (0.00586 ft²/lb)

The wind exposure surface per ton of hoist load is: $98.0 \text{ m}^2 \text{ (1054.86 ft}^2\text{)} / 50 \text{ t (110250 lb)} = \mathbf{1.96 \text{ m}^2/\text{t (0.00957 ft}^2/\text{lb)}$

Result: The wind exposure surface per ton of hoist load exceeds the limit value of 1.2 m²/t (0.00586 ft²/lb).

The maximum permissible wind speed must be redetermined!

Step 3: Determination of maximum permissible wind speed (v_{max}) from the respective wind force diagram

Determination of maximum permissible wind speed (v_{max}) from the respective wind force diagram for load charts with a maximum permissible wind speed (v_{max_TAB}) of 9 m/s (29.6 ft/s)

Diagram 9.0 m/s (29.6 ft/s)

Result: The maximum permissible wind speed is: **7.04 m/s (23.098 ft/s)**

3.4.2 Wind force diagrams

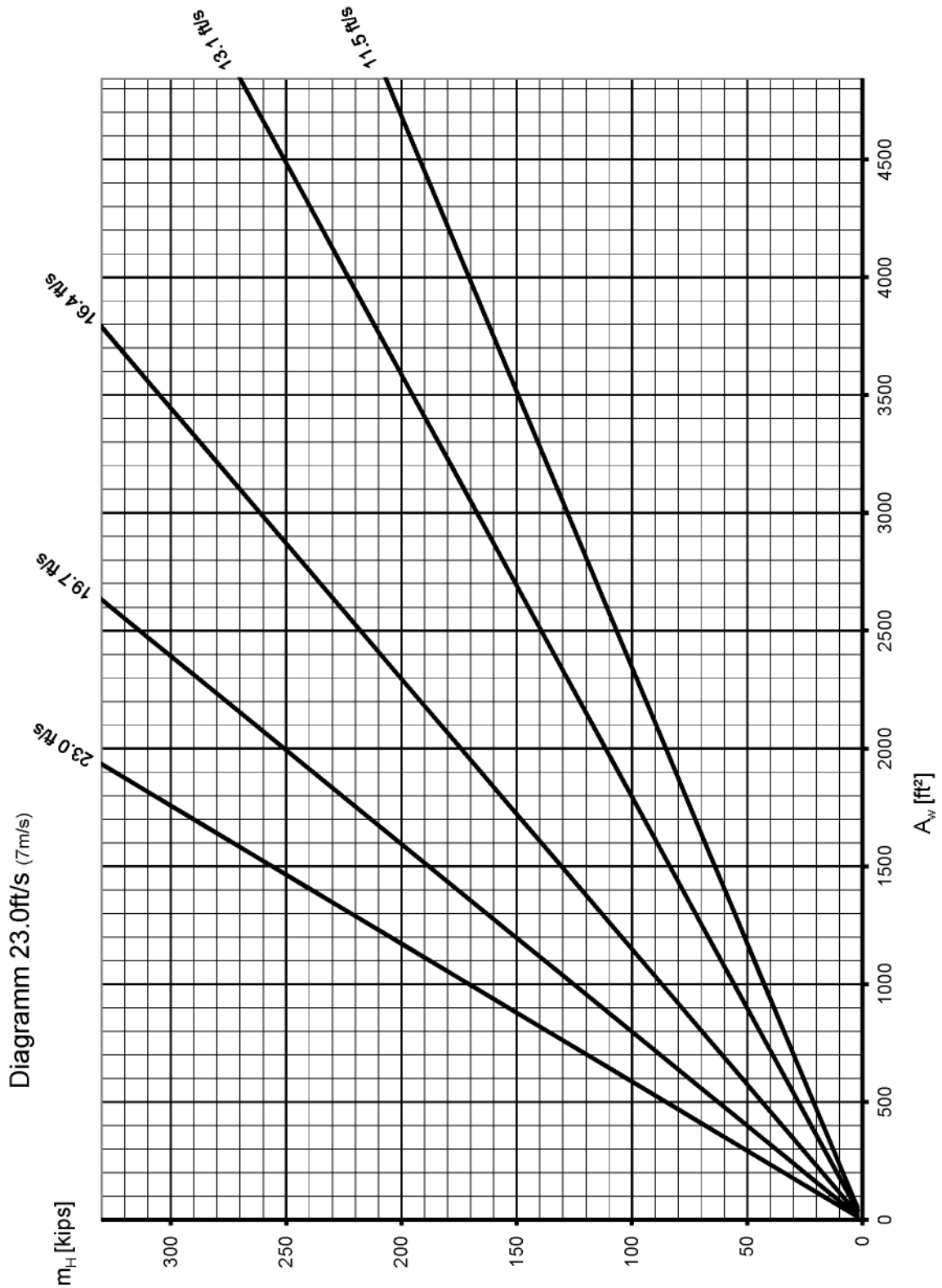


Fig.149239: Wind force diagram 7.0 m/s (23.0 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 7.0 m/s (23.0 ft/s)

LWE/427001-02-02/en

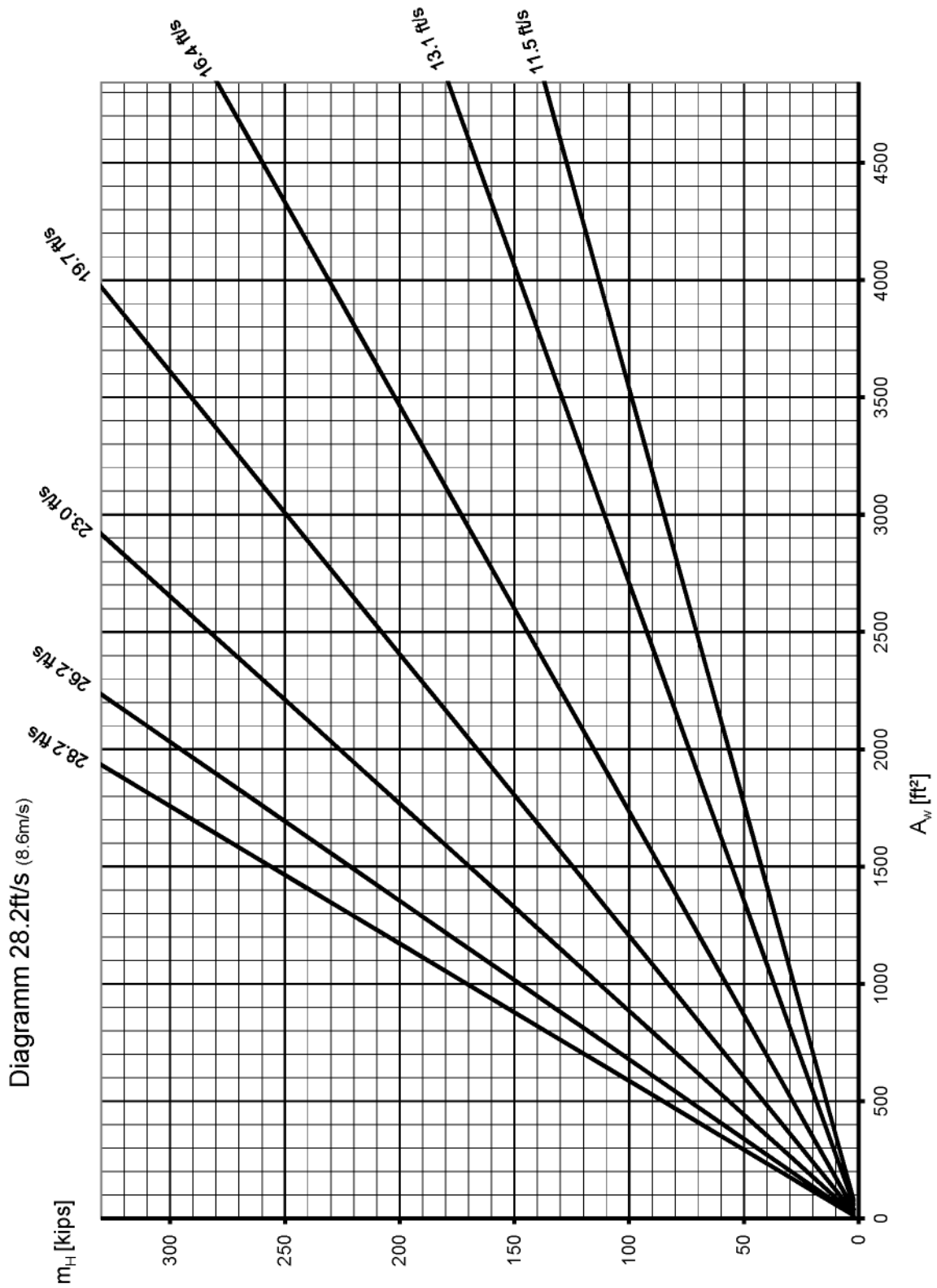


Fig. 149240: Wind force diagram 8.6 m/s (28.2 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 8.6 m/s (28.2 ft/s)

LWE/427001-02-02/en

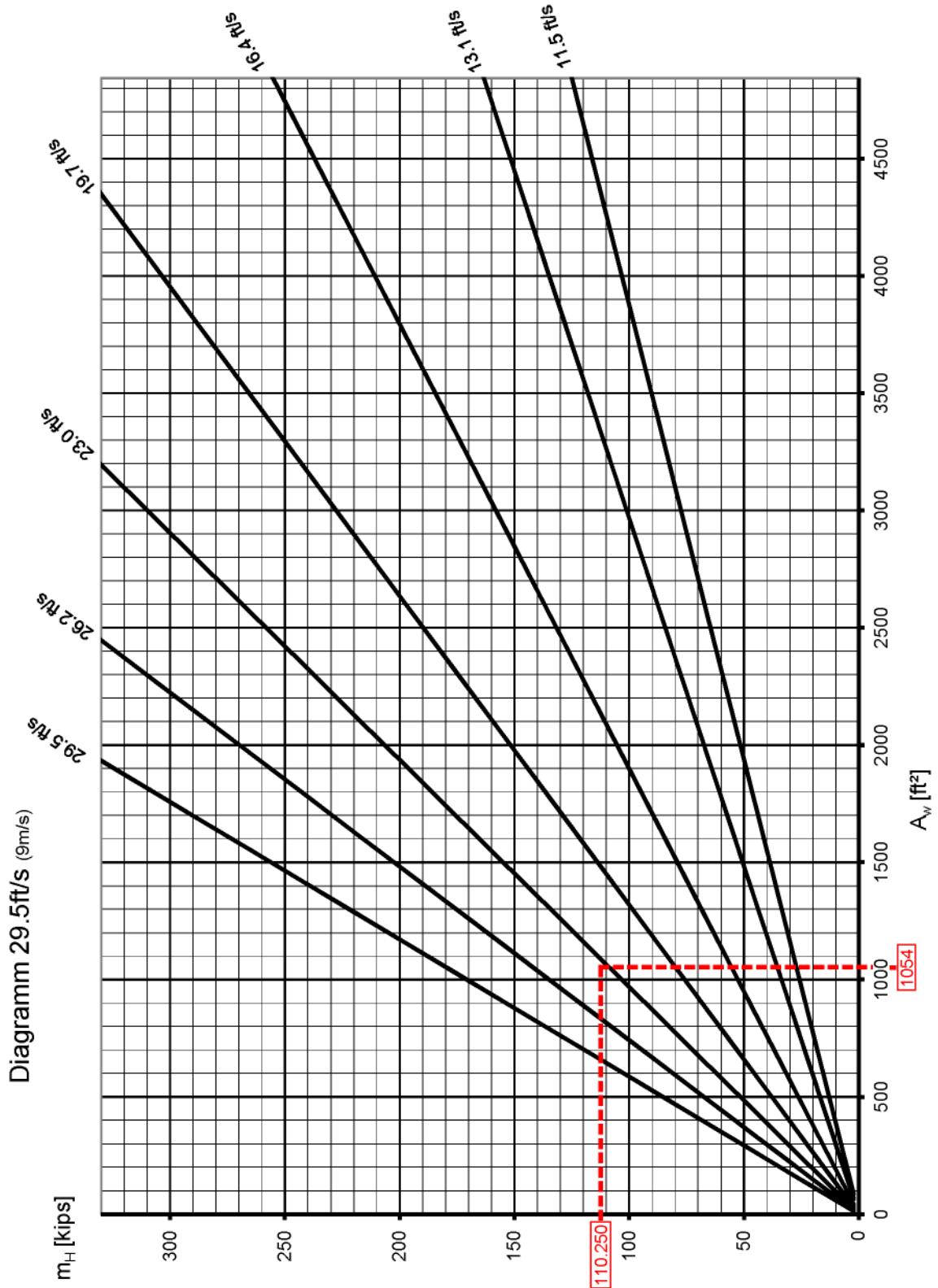


Fig.149241: Wind force diagram 9.0 m/s (29.5 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 9.0 m/s (29.5 ft/s)

LWE/427001-02-02/en

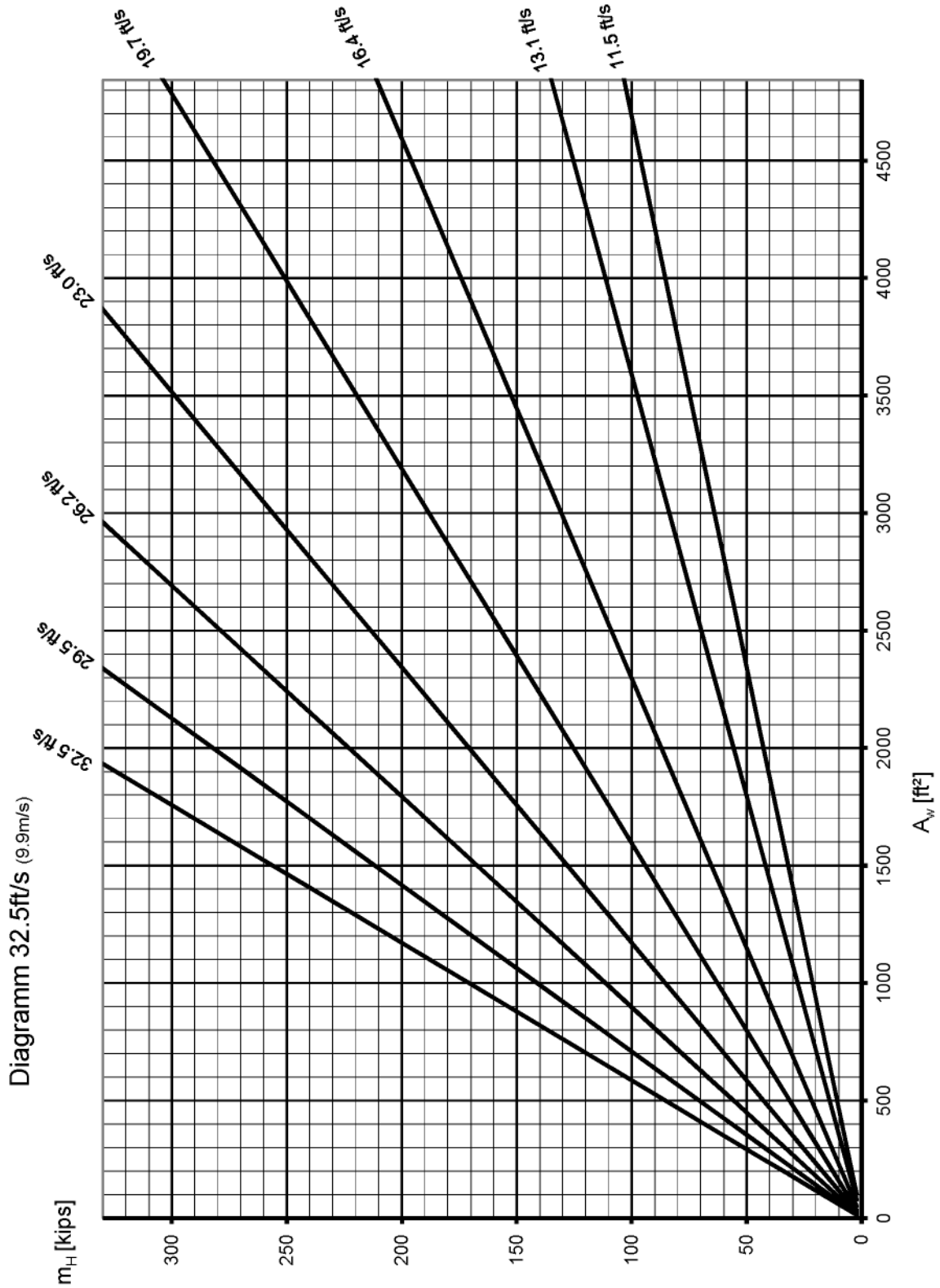


Fig. 149242: Wind force diagram 9.9 m/s (32.5 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 9.9 m/s (32.5 ft/s)

LWE/427001-02-02/en

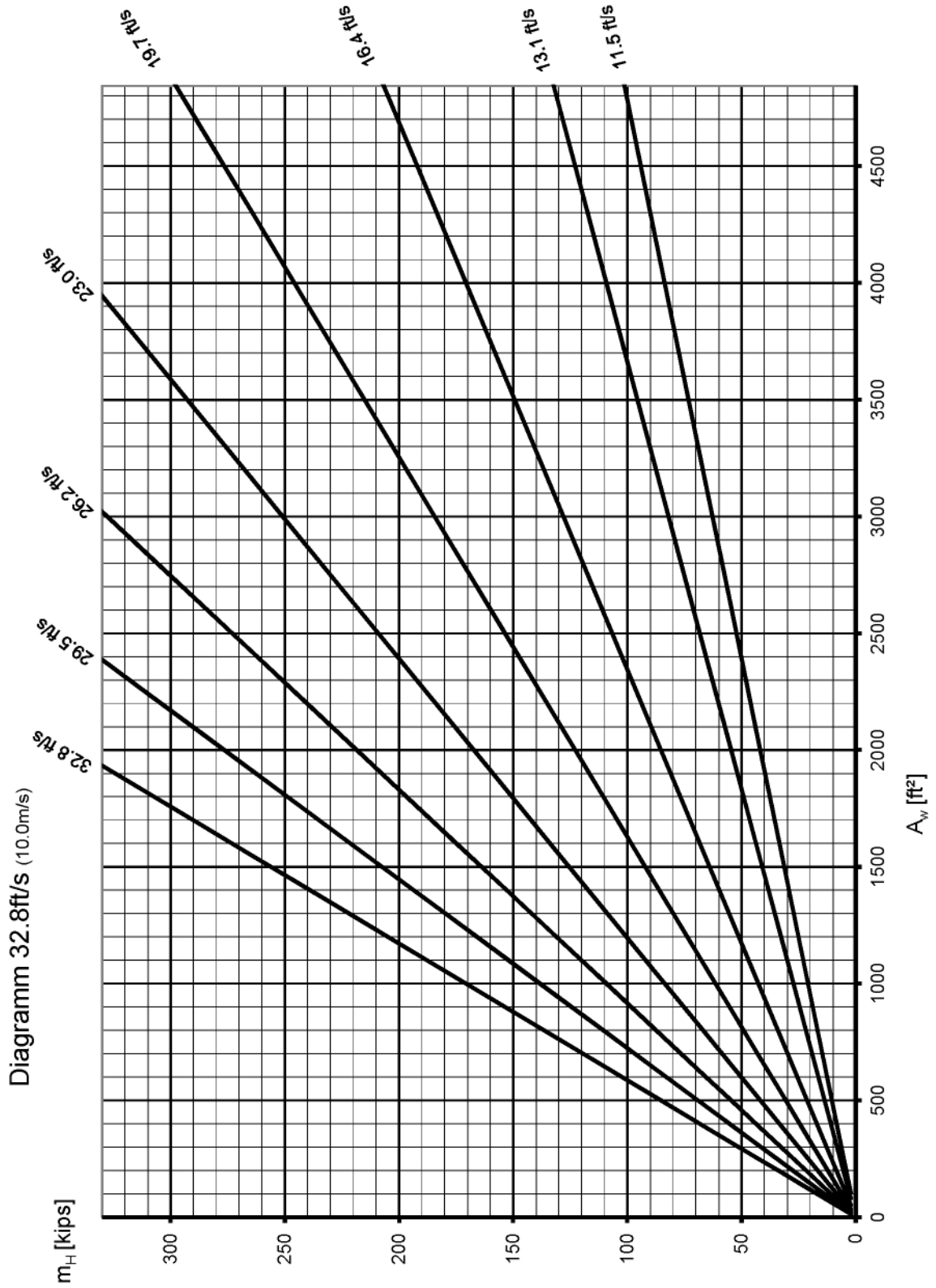


Fig.152632: Wind force diagram 10.0 m/s (32.8 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 10.0 m/s (32.8 ft/s)

LWE/427001-02-02/en

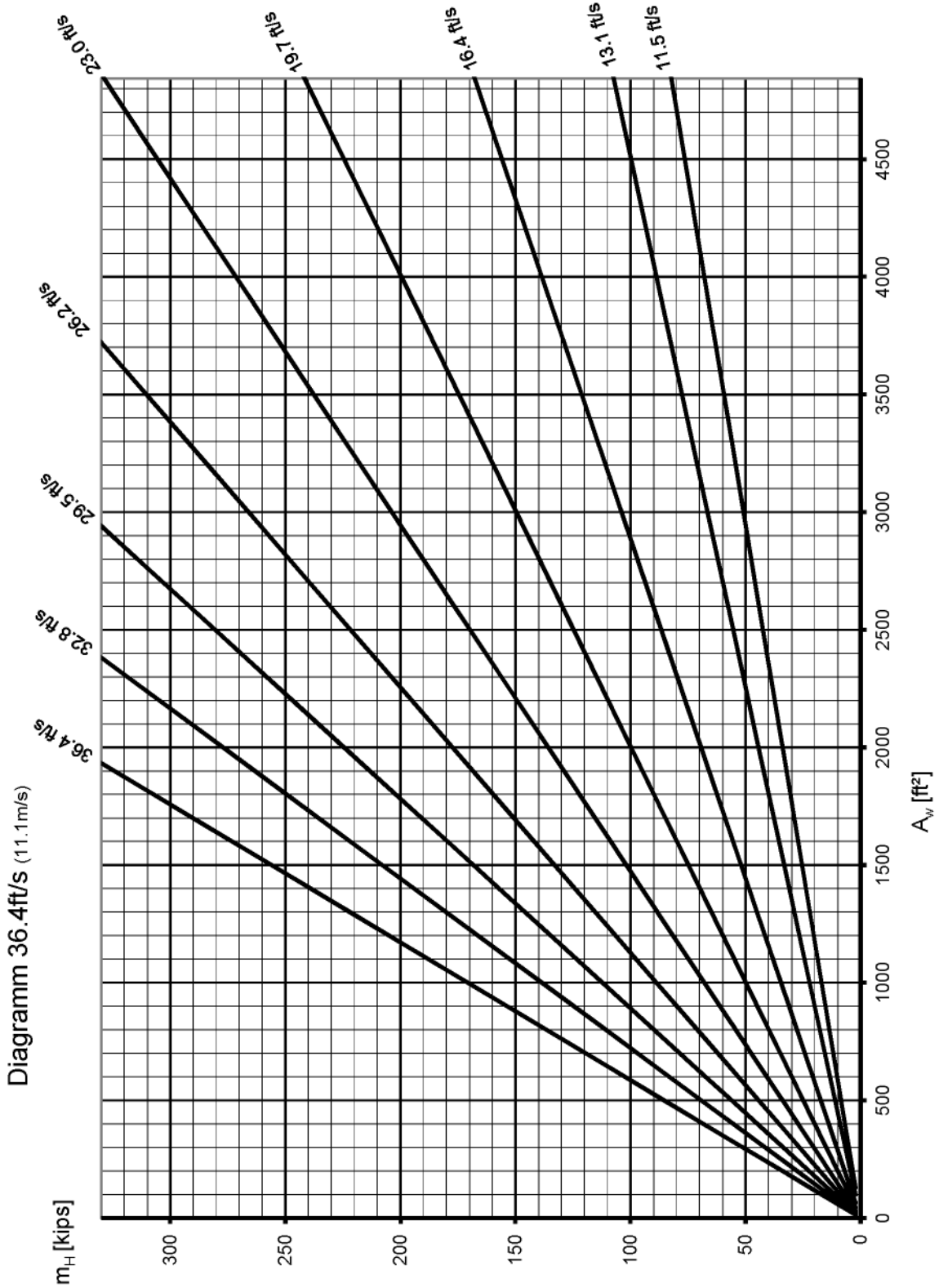


Diagramm 36.4ft/s (11.1m/s)

Fig.149243: Wind force diagram 11.1 m/s (36.4 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 11.1 m/s (36.4 ft/s)

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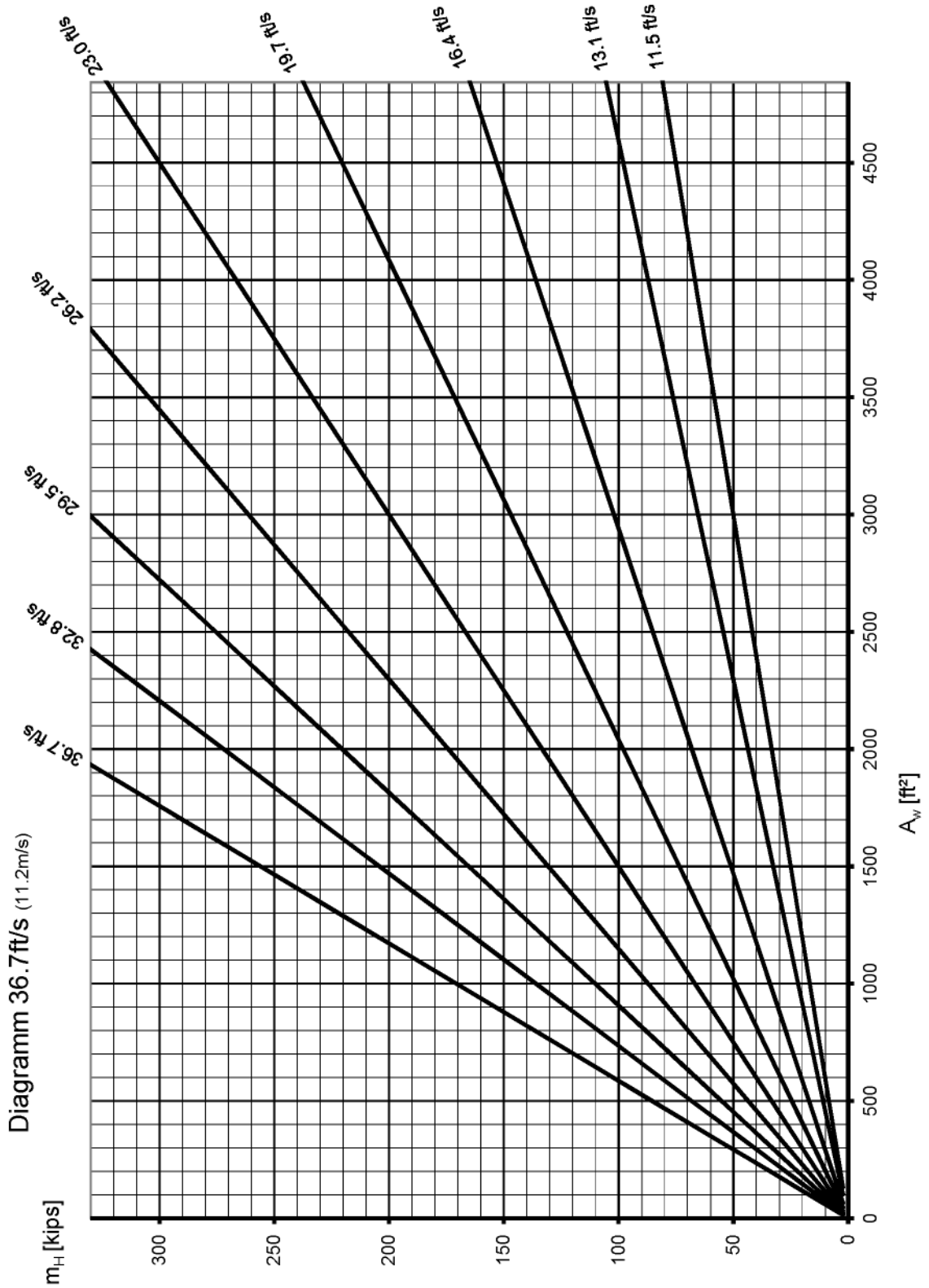


Fig.149244: Wind force diagram 11.2 m/s (36.7 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 11.2 m/s (36.7 ft/s)

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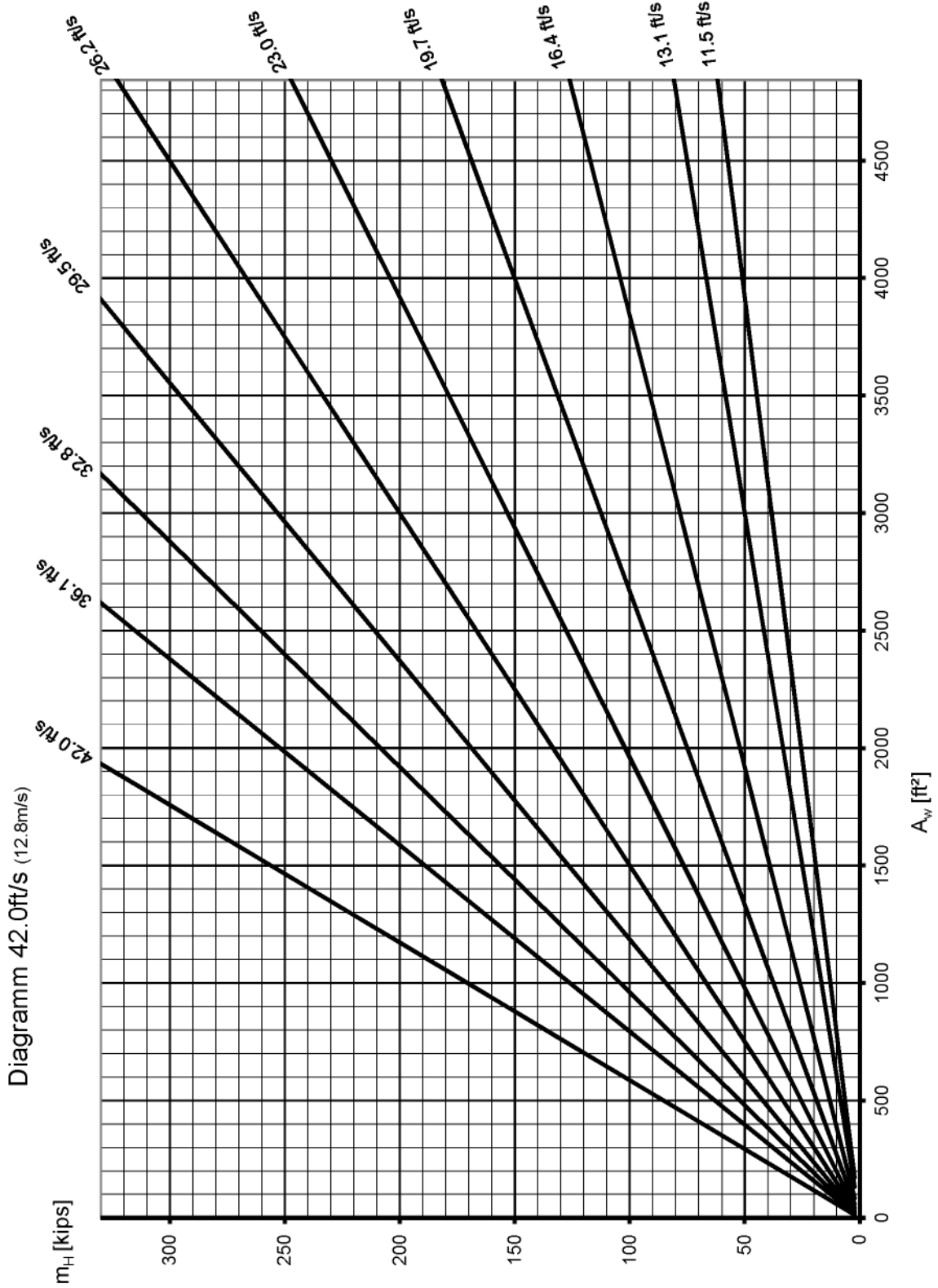


Fig. 149245: Wind force diagram 12.8 m/s (42.0 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 12.8 m/s (42.0 ft/s)

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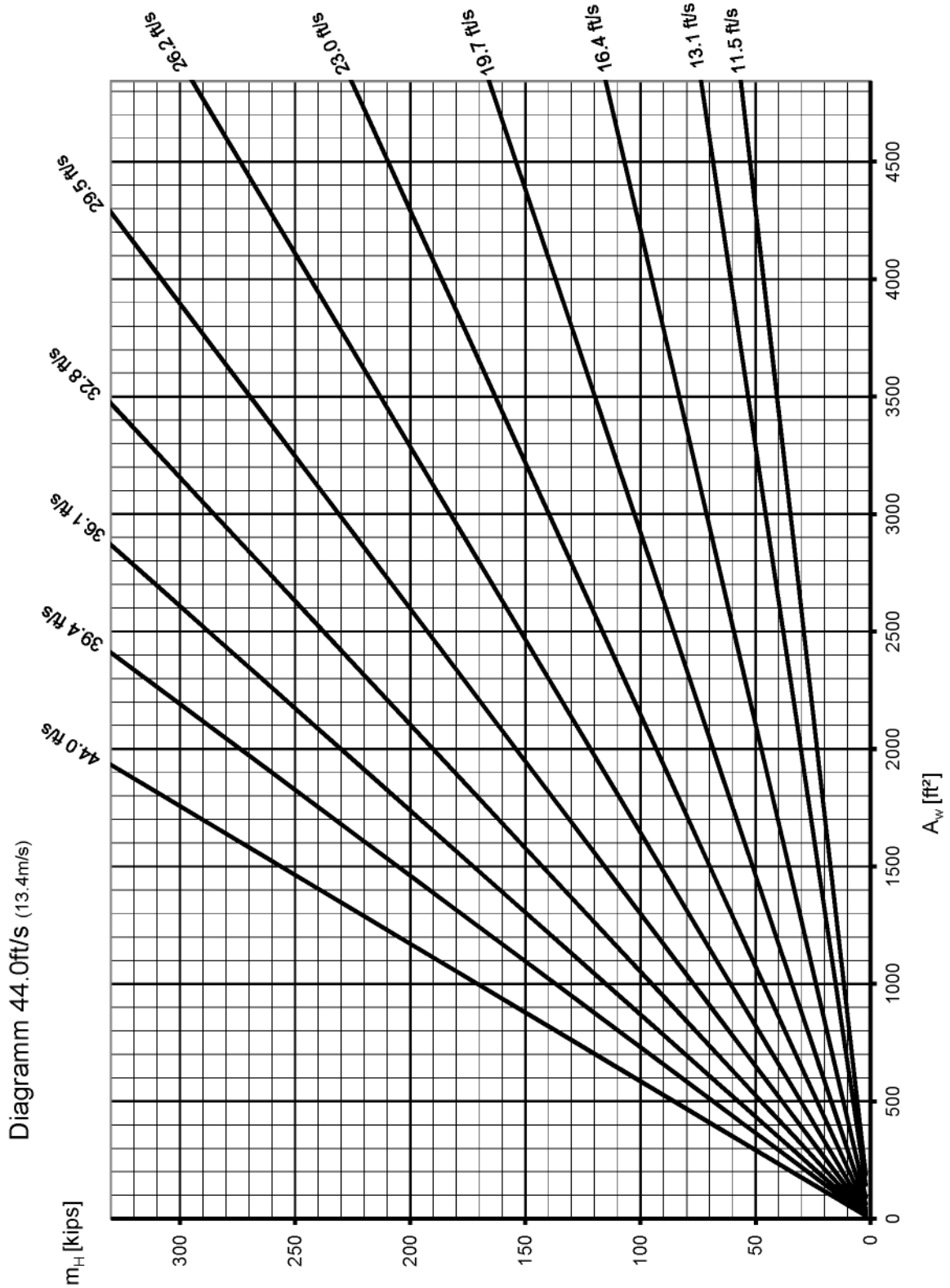


Fig.149246: Wind force diagram 13.4 m/s (44.0 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 13.4 m/s (44.0 ft/s)

LWE/427001-02-02/en

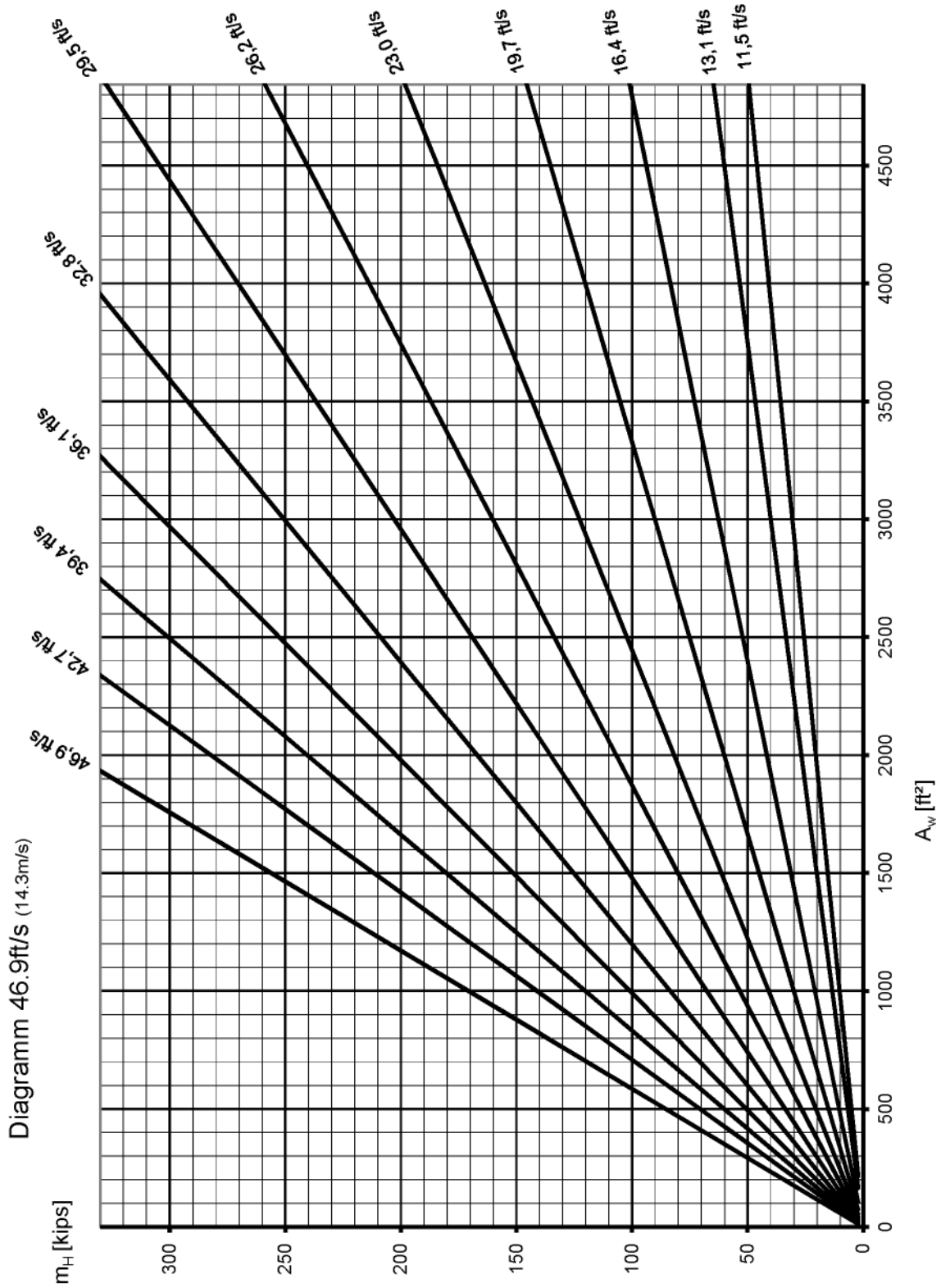


Fig. 149247: Wind force diagram 14.3 m/s (46.9 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 14.3 m/s (46.9 ft/s)

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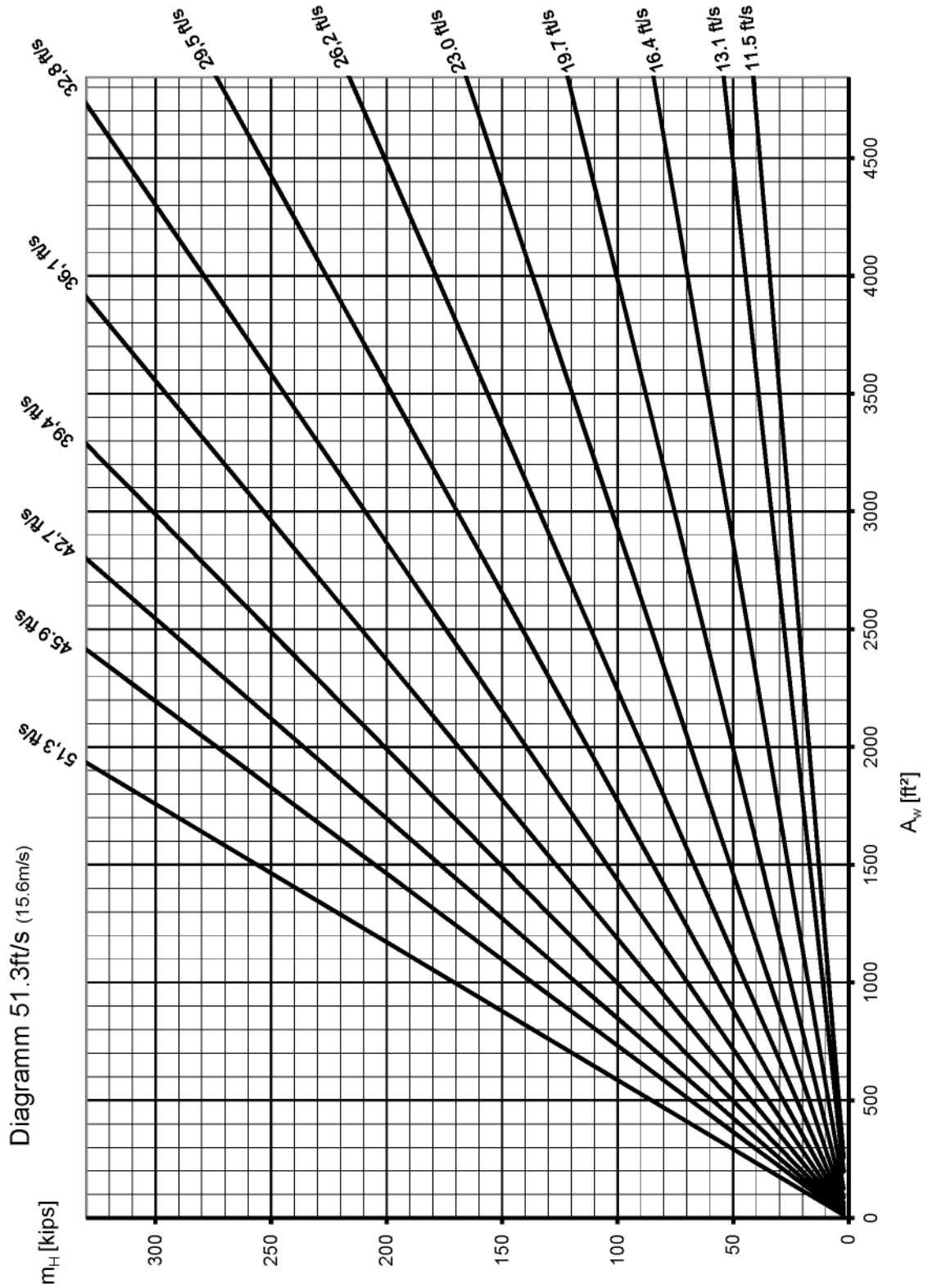


Fig.149248: Wind force diagram 15.6 m/s (51.3 ft/s) for load charts with a maximum permissible wind speed (v_{max_TAB}) of 15.6 m/s (51.3 ft/s)

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40.90 Load charts

1 Load charts

3

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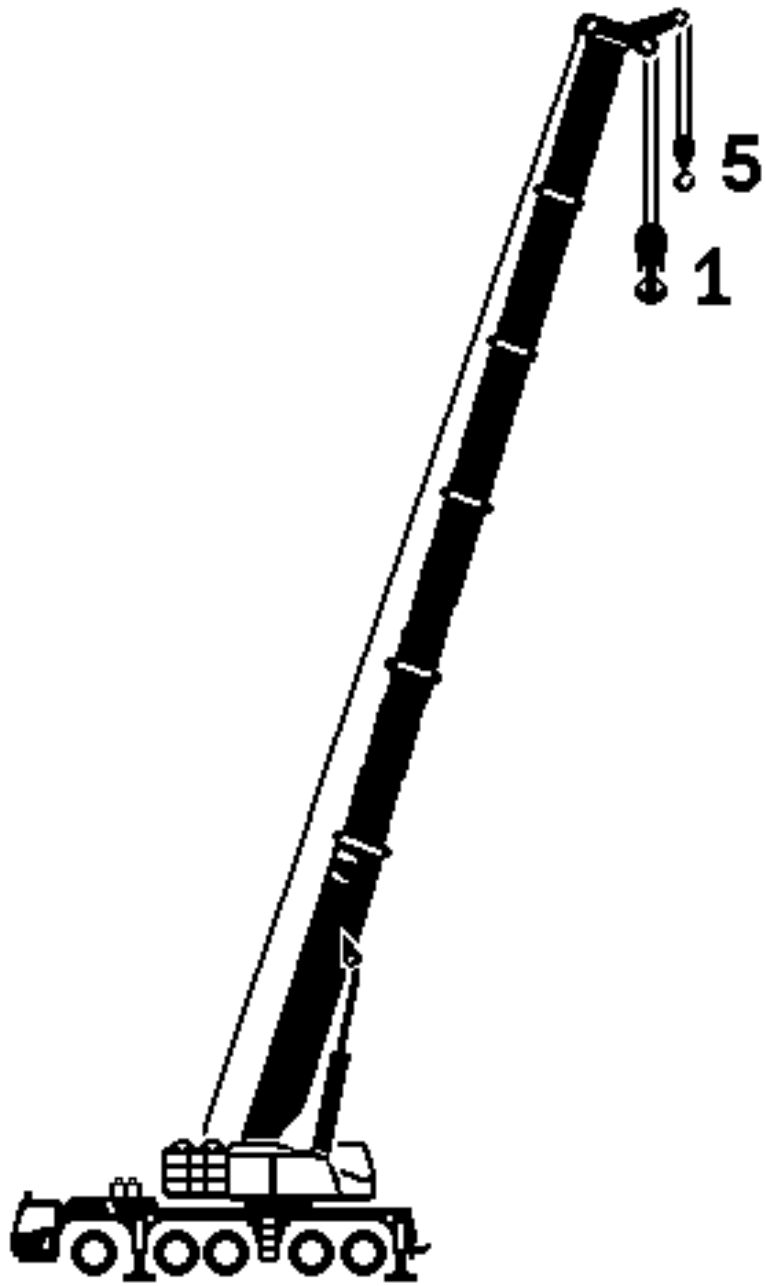
Fig.195219

1 Load charts

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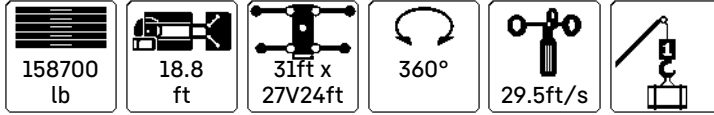


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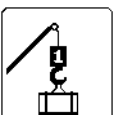
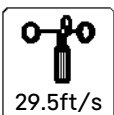
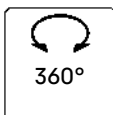
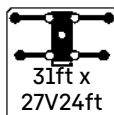
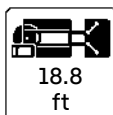
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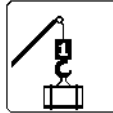
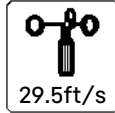
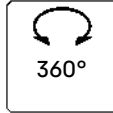
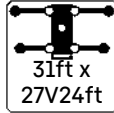
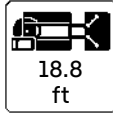
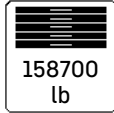
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		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9	
ft														
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18														
20														
25					116.2	108.3	88.4	91.8	89.2		77.0			
30		63.9	67.5	65.0	57.2	107.1	99.0	81.2	85.1	83.2	81.4	70.9	72.4	
35		58.3	62.1	59.6	52.6	97.6	90.6	74.7	79.3	77.7	75.2	65.2	66.6	
40		53.5	57.3	54.6	48.3	89.1	83.3	69.0	74.2	72.8	69.3	60.1	61.4	
45		49.2	53.0	50.1	44.4	81.7	77.0	64.1	69.7	68.5	64.3	55.7	56.9	
50		45.0	48.9	45.8	40.8	75.3	71.5	59.7	65.6	64.1	59.8	51.7	52.9	
60		38.3	42.4	38.9	35.2	64.3	61.9	52.0	58.1	55.4	51.9	44.6	45.7	
70		33.0	37.2	33.3	30.7	55.5	54.0	45.4	52.2	48.1	45.3	38.6	39.6	
80		28.9	33.1	29.1	27.1	47.9	47.2	40.0	47.3	41.8	39.7	33.7	34.7	
90		25.5	29.7	25.6	24.2	40.2	41.2	35.4	42.9	36.7	35.3	29.7	30.7	
100		22.6	27.0	22.7	21.8	33.4	34.4	31.5	36.4	32.4	31.6	26.4	27.3	
110		20.2	24.7	20.4	19.7	28.0	29.0	28.1	31.0	28.9	28.5	23.5	24.4	
120		18.2	22.9	18.5	18.0	23.8	24.7	25.3	26.7	25.9	25.9	21.0	21.8	
130						20.2	21.2	22.8	23.1	23.4	23.8	18.9	19.7	
140						13.1	14.0	16.5	15.9	16.2	17.2	17.3	17.9	
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	n	EST1	3x	3x	3x	3x	6x	5x	4x	5x	4x	4x	4x	4x

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		x1000lb												
ft		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10														
12														
14														
16														
18														
20														
25														
30		67.4	62.4	63.3	56.8	54.7		92.2	82.4	74.3	81.3	75.8	68.6	
35		62.5	57.7	59.0	52.6	50.8	41.6	85.2	77.4	68.5	76.4	70.0	63.8	
40		58.2	53.5	54.7	49.0	47.4	39.0	78.7	73.0	63.3	72.1	64.8	59.4	
45		54.4	49.8	50.9	45.6	44.0	36.5	73.0	69.0	58.7	68.3	60.2	55.4	
50		50.8	46.4	47.3	42.4	40.7	34.1	67.8	65.4	54.5	64.3	56.0	51.9	
60		44.3	40.1	40.8	36.8	34.9	30.0	59.1	59.0	47.6	56.6	48.9	45.8	
70		39.3	35.1	35.6	32.5	30.3	26.3	51.5	53.2	41.5	50.0	42.8	40.2	
80		35.1	30.9	31.3	28.9	26.5	23.2	45.0	47.0	36.3	44.1	37.5	35.5	
90		31.7	27.5	27.9	25.9	23.5	20.5	39.2	41.3	31.8	39.1	33.1	31.6	
100		28.9	24.7	25.0	23.5	20.9	18.1	32.9	35.0	28.1	34.8	29.3	28.3	
110		26.5	22.4	22.6	21.4	18.8	16.1	27.6	29.6	24.9	30.3	26.1	25.5	
120		24.5	20.3	20.5	19.5	17.0	14.4	23.2	25.2	22.1	25.9	23.3	23.0	
130		22.9	18.5	18.8	18.0	15.5	13.0	19.7	21.6	19.8	22.3	20.9	20.9	
140		18.6	17.1	17.6	16.8	14.2	11.7	16.7	18.6	17.7	19.4	18.8	19.0	
150							10.7	13.0	14.8	15.5	15.6	16.4	17.1	
170														
190														
210														
230														
238														
%	1	0+	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
%	2	45+	0+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
%	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+	90+
%	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	45+	90+
%	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	45+	90+
%	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
%	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	90+	45+
n	EST1	3x	3x	3x	3x	3x	2x	5x	4x	4x	4x	4x	4x	3x

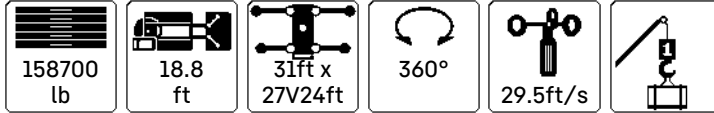
T: T



ft	x1000lb												
	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3	
10													
12													
14													
16													
18													
20													
25													
30	66.6	70.1	64.9	59.0	60.0	56.2		76.6	70.9	72.5	63.6	63.7	
35	62.2	65.2	60.8	55.3	56.5	52.5	49.7	73.4	66.2	67.7	59.9	59.7	
40	58.3	60.7	57.1	51.8	52.9	49.1	46.7	69.8	61.8	63.4	56.7	55.8	
45	54.8	56.7	53.8	48.6	49.6	46.1	43.7	66.2	57.8	59.3	53.6	52.1	
50	51.7	53.1	50.8	45.8	46.7	43.3	41.0	62.1	54.2	55.6	50.8	48.8	
60	45.8	46.9	45.1	40.4	41.2	38.2	35.9	54.8	47.9	49.3	46.0	43.0	
70	40.8	41.2	40.3	35.3	36.1	33.8	31.4	48.6	42.5	43.8	41.4	38.0	
80	36.8	36.5	36.4	31.1	31.9	30.3	27.9	43.3	37.8	39.1	37.6	33.5	
90	33.4	32.6	33.1	27.5	28.3	27.4	24.9	38.4	33.5	34.7	34.3	29.5	
100	30.5	29.2	30.2	24.5	25.2	24.9	22.4	34.0	29.9	31.1	31.6	26.2	
110	28.1	26.4	27.4	21.9	22.7	22.8	20.2	28.9	26.8	27.9	29.2	23.4	
120	26.0	23.9	24.6	19.8	20.5	20.9	18.4	24.5	24.0	25.1	26.2	20.9	
130	23.9	21.7	22.2	17.9	18.6	19.3	16.9	20.9	21.2	22.0	22.5	18.7	
140	20.9	19.8	20.2	16.2	16.9	17.9	15.6	17.9	18.2	19.0	19.5	16.7	
150	17.3	17.6	17.7	14.7	15.4	16.9	14.4	15.4	15.6	16.5	16.9	15.0	
170													
190													
210													
230													
238													

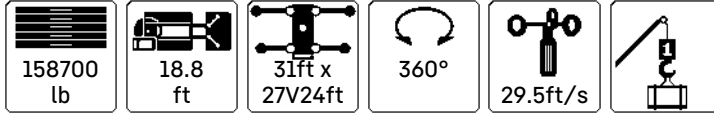
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	4x	3x	3x	3x	3x	3x	4x	4x	4x	3x	3x

T: T



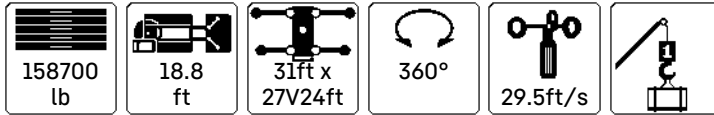
	ft	x1000lb											
		172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
10													
12													
14													
16													
18													
20													
25													
30		62.7	65.1	56.7	55.3	57.6	51.9						
35		59.2	60.9	53.6	51.9	54.8	49.0	47.4	61.4	62.9	56.9	56.4	58.2
40		56.0	56.9	50.6	48.9	51.8	46.3	44.8	58.5	60.0	53.8	53.7	55.0
45		53.0	53.2	47.8	46.2	48.8	43.6	42.3	55.3	56.7	50.7	51.2	51.8
50		50.4	49.8	45.2	43.6	46.2	41.1	40.0	52.3	53.7	47.8	49.0	48.9
60		45.5	44.0	40.7	39.2	41.5	36.7	35.7	46.8	48.3	42.7	44.8	43.7
70		41.0	38.9	36.2	35.0	37.0	32.5	31.7	42.3	43.6	38.3	40.9	39.3
80		37.3	34.3	32.2	31.6	33.0	29.1	28.4	38.1	39.4	34.3	37.4	35.2
90		34.0	30.3	28.8	28.6	29.5	26.1	25.6	34.2	35.3	30.8	34.5	31.5
100		31.3	27.0	25.9	26.1	26.7	23.6	22.9	30.5	31.5	27.5	31.8	28.2
110		28.9	24.1	23.3	24.0	24.1	21.5	20.6	27.3	28.2	24.7	29.1	25.4
120		26.4	21.6	21.2	22.2	22.0	19.6	18.6	23.8	24.6	22.3	25.5	23.0
130		23.2	19.3	19.3	20.5	20.1	18.0	16.9	20.1	21.0	20.1	21.9	20.8
140		20.2	17.4	17.7	19.1	18.4	16.7	15.4	17.1	17.9	18.2	18.8	18.9
150		17.6	15.7	16.2	17.8	16.9	15.5	14.0	14.5	15.3	16.2	16.2	16.7
170									10.3	11.1	12.0	12.0	12.5
190													
210													
230													
238													
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	ESTL	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x

T: T



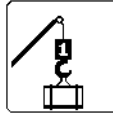
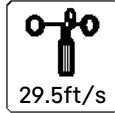
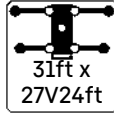
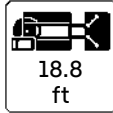
		x1000lb											
ft		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
10													
12													
14													
16													
18													
20													
25													
30													
35		52.2	50.8	52.0	48.0	45.0	36.6						44.8
40		49.6	48.4	49.5	45.5	42.8	35.2	50.4	51.5	47.2	46.6	47.5	42.9
45		47.2	46.1	47.1	43.2	40.8	33.6	48.1	49.2	45.2	44.6	45.5	41.0
50		44.8	43.7	44.6	40.9	38.8	32.0	45.7	46.8	43.3	42.5	43.3	39.2
60		40.7	39.0	39.8	36.9	35.2	29.0	41.3	42.3	39.6	38.3	39.1	35.8
70		36.8	34.9	35.7	33.3	31.7	26.3	37.5	38.5	36.2	34.7	35.5	32.8
80		33.1	31.1	31.8	29.9	28.7	23.6	34.1	35.0	33.1	31.4	32.2	29.7
90		29.9	27.6	28.3	27.1	26.1	21.0	30.9	31.7	30.1	28.3	28.9	27.2
100		27.0	24.6	25.2	24.6	23.8	18.7	28.0	28.8	27.5	25.5	26.1	25.0
110		24.5	22.0	22.6	22.5	21.7	16.7	25.3	26.1	25.1	22.9	23.5	22.9
120		22.4	19.7	20.3	20.6	19.8	14.9	22.9	23.5	23.1	20.7	21.3	21.2
130		20.5	17.7	18.3	19.0	18.0	13.3	20.5	21.0	21.3	18.8	19.4	19.6
140		18.8	15.9	16.6	17.7	16.6	11.9	17.6	18.1	18.9	17.0	17.7	18.3
150		17.3	14.4	15.0	16.4	15.2	10.7	15.0	15.4	16.2	15.5	16.1	17.1
170		13.3	11.8	12.3	14.4	13.1	8.9	10.7	11.1	11.9	12.4	12.9	13.1
190								6.6	6.8	7.7	8.2	8.4	8.5
210													
230													
238													
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	3x	2x










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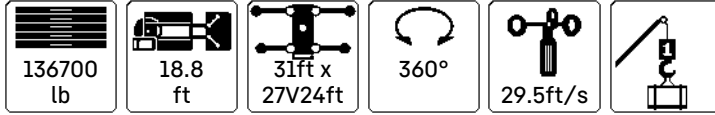
	ft	x1000lb											
		199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5
10													
12													
14													
16													
18													
20													
25													
30													
35	43.4												
40	41.7	40.7	41.6	43.4	42.0	39.3	38.7	30.8					
45	39.9	39.0	40.9	42.6	41.4	38.0	37.5	30.0	35.9	34.8	34.6	33.5	
50	38.1	37.3	39.8	41.1	40.5	36.6	36.1	29.0	35.0	34.2	33.8	32.9	
60	35.0	34.3	36.5	37.6	37.3	33.9	33.5	27.0	32.7	32.2	31.6	31.1	
70	31.9	31.3	33.5	34.4	34.2	31.4	30.9	25.1	30.5	30.0	29.6	29.0	
80	29.0	28.6	30.7	31.6	31.5	28.8	28.5	22.9	28.2	27.9	27.5	27.0	
90	26.6	25.9	28.1	28.9	28.8	26.5	26.2	20.6	26.0	25.7	25.4	25.1	
100	24.5	23.4	25.5	26.3	26.2	24.5	23.8	18.6	23.8	23.7	23.3	23.2	
110	22.5	21.0	23.3	24.0	23.9	22.7	21.6	16.8	21.7	21.7	21.4	21.3	
120	20.6	18.9	21.2	21.8	21.8	21.0	19.6	15.1	19.9	19.9	19.5	19.5	
130	18.9	17.1	19.4	20.0	20.0	19.4	17.9	13.7	18.2	18.2	17.9	17.9	
140	17.4	15.5	17.8	18.3	18.4	17.9	16.3	12.3	16.7	16.7	16.4	16.5	
150	16.1	14.1	15.8	15.9	16.2	16.7	14.9	11.0	15.3	15.4	15.1	15.2	
170	13.9	11.6	11.4	11.6	11.8	12.7	12.5	9.0	11.8	12.1	12.0	12.2	
190	9.4	9.5	8.5	8.7	8.8	9.5	10.0	7.5	8.8	9.0	8.9	9.1	
210								6.1	6.6	6.7	6.7	6.9	
230													
238													
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x

T: T



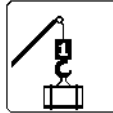
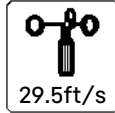
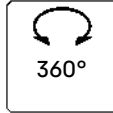
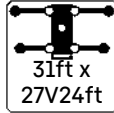
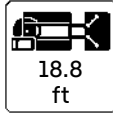
	ft	x1000lb														
		230.2	237.3	237.3	243.2	243.2	246.1	246.1								
	10															
	12															
	14															
	16															
	18															
	20															
	25															
	30															
	35															
	40															
	45	28.1	28.2	27.3		25.8		25.1								
	50	27.4	27.6	26.8	26.1	25.4	25.5	24.8								
	60	25.9	26.0	25.4	24.7	24.2	24.2	23.7								
	70	24.1	24.4	23.9	23.2	22.8	22.8	22.3								
	80	22.3	22.7	22.3	21.6	21.3	21.3	21.0								
	90	20.4	21.2	20.9	19.9	19.8	19.7	19.5								
	100	18.6	19.7	19.5	18.3	18.2	18.1	18.0								
	110	16.9	18.3	18.2	16.7	16.7	16.6	16.6								
	120	15.4	17.1	17.0	15.3	15.3	15.2	15.2								
	130	14.0	16.0	15.8	14.0	14.0	13.8	13.9								
	140	12.7	14.9	14.8	12.7	12.8	12.4	12.5								
	150	11.5	14.0	13.9	11.6	11.7	11.0	11.2								
	170	9.5	11.9	12.0	9.6	9.8	9.0	9.1								
	190	8.1	9.0	9.2	8.3	8.4	7.4	7.6								
	210	7.0	6.9	7.0	6.7	6.9	6.1	6.2								
	230		3.1	3.2	4.8	4.9	4.5	4.6								
	238						2.4	2.4								
	1	45+	90+	90+	90+	90+	100+	100+								
	2	100+	90+	90+	100+	100+	100+	100+								
	3	100+	90+	90+	100+	100+	100+	100+								
	4	100+	100+	100+	100+	100+	100+	100+								
	5	100+	100+	100+	100+	100+	100+	100+								
	6	100+	100+	100+	100+	100+	100+	100+								
	7	100+	100+	100+	100+	100+	100+	100+								
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x								

T: T



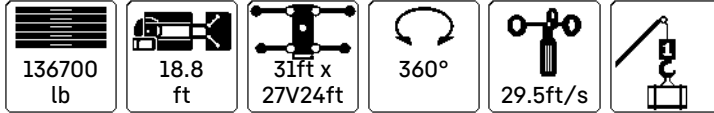
	ft	x1000lb											
		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
12	129.6	128.0											
14	119.8	118.6	234.0	200.2	179.8	179.4	125.9	118.2	119.3	98.4			
16	111.3	110.3	228.8	201.4	180.9	180.5	117.4	111.3	112.2	92.7	77.8	200.7	
18	103.5	102.6	211.8	202.7	182.1	178.2	109.8	105.0	105.9	87.4	73.3	201.8	
20	96.5	95.8	197.2	199.1	183.5	170.8	103.1	99.3	100.2	82.4	69.1	189.5	
25	82.4	82.1	167.6	171.1	173.8	150.3	89.2	86.7	87.5	71.4	60.1	162.5	
30	71.4	71.5	145.0	148.6	151.2	133.4	77.9	76.5	77.4	62.6	52.8	141.2	
35	63.1	63.4	127.4	130.9	133.4	118.8	68.5	67.9	69.1	54.9	47.1	124.6	
40	56.1	56.6	112.5	116.1	118.6	107.2	61.1	60.8	62.5	48.8	42.1	111.1	
45	50.6	51.2	97.1	100.7	103.3	97.4	54.9	54.8	56.8	43.7	38.0	97.8	
50	46.0	46.6	84.2	87.8	90.4	89.3	49.9	49.9	52.2	39.5	34.4	86.0	
60	38.8	39.6	63.2	67.4	70.4	73.0	41.8	42.1	44.8	32.9	29.0	65.6	
70	33.1	34.4	48.2	52.4	55.4	57.9	35.9	36.3	39.3	28.0	24.7	50.6	
80			37.8	41.9	44.8	47.3	31.4	31.9	35.0	24.3	21.6	40.0	
90											19.2	32.3	
100												26.6	
110													
120													
130													
140													
150													
170													
190													
210													
230													
236													
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	6x	6x	11x	10x	9x	9x	6x	6x	6x	5x	4x	10x

T: T



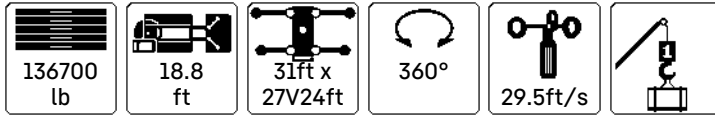
	ft	x1000lb											
		107.5	107.5	107.5	107.7	107.8	107.3	107.5	120.5	120.5	120.7	120.9	120.5
	10												
	12												
	14												
	16	180.1		125.4	114.7		111.7						
	18	181.1	178.3	118.2	109.1	90.3	107.1	86.1	176.4				106.2
	20	182.4	171.0	111.4	103.3	85.5	102.0	82.1	176.4	168.1	109.5	93.4	102.1
	25	165.5	153.4	97.1	91.2	75.5	91.1	73.2	157.0	153.1	97.6	83.0	92.3
	30	144.2	138.6	85.8	81.4	67.2	81.8	65.4	137.6	139.8	87.6	74.5	84.1
	35	127.7	125.9	76.5	73.0	60.0	74.0	58.7	121.7	124.5	79.2	67.5	77.1
	40	114.3	114.6	68.4	65.7	53.8	67.2	52.7	109.0	111.8	72.2	61.3	70.8
	45	100.9	103.4	61.7	59.7	48.8	61.7	47.9	97.3	100.3	65.8	55.5	65.2
	50	89.1	91.6	56.0	54.7	44.6	57.0	43.8	86.0	89.0	60.3	50.8	60.5
	60	69.2	72.1	46.9	46.4	37.5	49.2	37.1	67.5	70.9	51.2	43.0	52.7
	70	54.1	57.0	40.0	40.2	31.9	43.3	32.0	52.4	55.8	44.2	37.0	46.7
	80	43.4	46.3	34.8	35.1	27.6	38.8	28.1	41.8	45.1	38.8	32.0	42.0
	90	35.7	38.5	30.7	31.1	24.2	35.3	25.0	33.9	37.2	34.5	28.0	38.2
	100	29.8	32.6	27.6	28.1	21.5	32.5	22.6	28.0	31.2	31.1	24.7	33.9
	110								23.4	26.5	27.9	22.1	29.2
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	230												
	236												
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	9x	9x	6x	6x	4x	5x	4x	8x	8x	5x	5x	5x

T: T



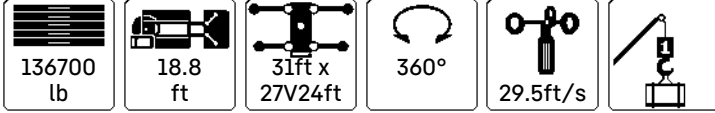
		x1000lb											
	ft	120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
	10												
	12												
	14												
	16												
	18												
	20	95.4	83.8	81.4	71.5								
	25	84.5	75.3	73.8	64.0	54.9	145.2	112.3	91.4	92.6	89.5	81.5	83.2
	30	75.5	68.1	67.1	57.7	49.9	133.6	100.8	82.6	85.1	82.5	74.3	75.5
	35	68.1	62.1	61.0	52.0	45.2	118.9	91.0	75.2	78.8	75.4	68.0	68.9
	40	61.7	56.5	55.5	47.0	41.0	106.7	82.6	68.8	73.2	68.8	62.7	63.3
	45	55.8	51.6	50.6	42.6	37.4	96.5	75.8	63.3	68.2	63.3	57.9	58.4
	50	50.9	47.5	46.6	39.1	34.1	85.7	69.5	58.4	63.4	58.1	53.3	53.6
	60	42.8	40.8	39.9	33.2	28.9	68.2	59.2	49.6	55.8	49.3	45.8	45.9
	70	36.6	35.3	34.7	28.5	24.7	54.1	50.6	42.7	49.7	42.3	39.9	39.8
	80	31.9	30.9	30.8	25.0	21.4	43.5	43.7	37.2	44.8	36.8	35.1	35.0
	90	28.1	27.4	27.5	22.1	18.7	35.5	36.1	32.5	38.8	32.4	31.0	31.1
	100	25.0	24.5	24.9	19.5	16.5	29.5	30.0	28.7	32.6	28.8	27.7	27.9
	110	22.6	22.2	22.8	17.5	14.7	24.7	25.2	25.5	27.8	25.8	24.9	25.2
	120					13.3	21.0	21.4	22.9	24.0	23.5	22.6	23.1
	130												
	140												
	150												
	170												
	190												
	210												
	230												
	236												
	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	5x	4x	4x	4x	3x	7x	5x	5x	5x	4x	4x	4x

T: T



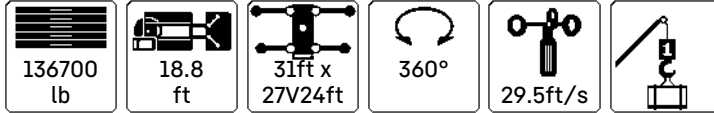
ft	x1000lb												
	134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9	
10													
12													
14													
16													
18													
20													
25	70.3	73.7	70.7	62.5	116.2	108.3	88.4	91.8	89.2	87.3	77.0	78.6	
30	63.9	67.5	65.0	57.2	107.1	99.0	81.2	85.1	83.2	81.4	70.9	72.4	
35	58.3	62.1	59.6	52.6	97.6	90.6	74.7	79.3	77.7	75.2	65.2	66.6	
40	53.5	57.3	54.6	48.3	89.1	83.3	69.0	74.2	72.8	69.3	60.1	61.4	
45	49.2	53.0	50.1	44.4	81.7	77.0	64.1	69.7	68.5	64.3	55.7	56.9	
50	45.0	48.9	45.8	40.8	75.3	71.5	59.7	65.6	64.1	59.8	51.7	52.9	
60	38.3	42.4	38.9	35.2	64.1	61.9	52.0	58.1	55.4	51.9	44.6	45.7	
70	33.0	37.2	33.3	30.7	52.3	53.3	45.4	52.2	48.1	45.3	38.6	39.6	
80	28.9	33.1	29.1	27.1	41.9	43.0	40.0	45.1	41.8	39.7	33.7	34.7	
90	25.5	29.7	25.6	24.2	34.0	35.0	35.4	37.1	36.7	35.3	29.7	30.7	
100	22.6	27.0	22.7	21.8	28.0	28.9	31.1	31.0	31.5	31.6	26.4	27.3	
110	20.2	24.7	20.4	19.7	23.2	24.1	26.3	26.1	26.6	27.4	23.5	24.4	
120	18.2	22.9	18.5	18.0	19.3	20.3	22.4	22.3	22.7	23.4	21.0	21.8	
130					16.2	17.1	19.2	19.1	19.5	20.2	18.9	19.7	
140					13.1	14.0	16.4	15.9	16.2	17.2	17.3	17.9	
150													
170													
190													
210													
230													
236													
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	4x	4x	4x	3x	6x	5x	4x	5x	4x	4x	4x	4x

T: T



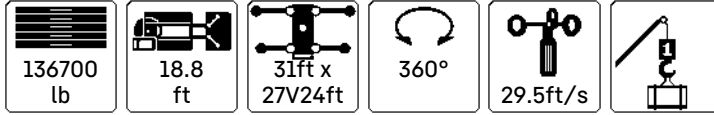
ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10													
12													
14													
16													
18													
20													
25	73.0	67.7	67.8	61.5	58.9								
30	67.4	62.4	63.3	56.8	54.7	44.2	92.2	82.4	74.3	81.3	75.8	68.6	
35	62.5	57.7	59.0	52.6	50.8	41.6	85.2	77.4	68.5	76.4	70.0	63.8	
40	58.2	53.5	54.7	49.0	47.4	39.0	78.7	73.0	63.3	72.1	64.8	59.4	
45	54.4	49.8	50.9	45.6	44.0	36.5	73.0	69.0	58.7	68.3	60.2	55.4	
50	50.8	46.4	47.3	42.4	40.7	34.1	67.8	65.4	54.5	64.3	56.0	51.9	
60	44.3	40.1	40.8	36.8	34.9	30.0	59.1	59.0	47.6	56.6	48.9	45.8	
70	39.3	35.1	35.6	32.5	30.3	26.3	50.7	52.9	41.5	50.0	42.8	40.2	
80	35.1	30.9	31.3	28.9	26.5	23.2	41.5	43.6	36.3	43.9	37.5	35.5	
90	31.7	27.5	27.9	25.9	23.5	20.5	33.6	35.7	31.8	36.4	33.1	31.6	
100	28.9	24.7	25.0	23.5	20.9	18.1	27.5	29.6	28.1	30.3	29.3	28.3	
110	26.5	22.4	22.6	21.4	18.8	16.1	22.7	24.7	24.9	25.5	26.0	25.5	
120	24.5	20.3	20.5	19.5	17.0	14.4	18.8	20.8	21.4	21.5	22.3	22.8	
130	21.5	18.5	18.8	18.0	15.5	13.0	15.6	17.6	18.1	18.3	19.1	19.6	
140	18.6	17.1	17.6	16.8	14.2	11.7	13.0	14.9	15.4	15.6	16.4	16.9	
150						10.7	10.8	12.7	13.2	13.4	14.1	14.7	
170													
190													
210													
230													
236													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	ESTL	4x	3x	3x	3x	3x	2x	5x	4x	4x	4x	4x	3x

T: T



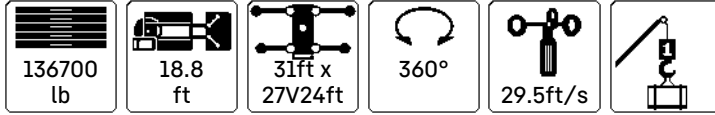
		x1000lb											
	ft	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	62.7	65.1	56.7	55.3	57.6	51.9						
	35	59.2	60.9	53.6	51.9	54.8	49.0	47.4	61.4	62.9	56.9	56.4	58.2
	40	56.0	56.9	50.6	48.9	51.8	46.3	44.8	58.5	60.0	53.8	53.7	55.0
	45	53.0	53.2	47.8	46.2	48.8	43.6	42.3	55.3	56.7	50.7	51.2	51.8
	50	50.4	49.8	45.2	43.6	46.2	41.1	40.0	52.3	53.7	47.8	49.0	48.9
	60	45.5	44.0	40.7	39.2	41.5	36.7	35.7	46.8	48.3	42.7	44.8	43.7
	70	41.0	38.9	36.2	35.0	37.0	32.5	31.7	42.3	43.6	38.3	40.9	39.3
	80	37.3	34.3	32.2	31.6	33.0	29.1	28.4	38.1	39.4	34.3	37.4	35.2
	90	34.0	30.3	28.8	28.6	29.5	26.1	25.6	33.5	34.4	30.8	34.5	31.5
	100	31.2	27.0	25.9	26.1	26.7	23.6	22.9	28.1	28.9	27.5	29.9	28.2
	110	26.4	24.1	23.3	24.0	24.1	21.5	20.6	23.3	24.1	24.6	25.1	25.3
	120	22.4	21.6	21.2	22.2	22.0	19.6	18.6	19.4	20.2	21.1	21.1	21.5
	130	19.2	19.2	19.3	20.3	20.1	18.0	16.9	16.1	16.9	17.8	17.8	18.3
	140	16.4	16.5	17.5	17.6	18.1	16.7	15.4	13.3	14.0	14.9	15.0	15.4
	150	14.0	14.1	15.2	15.2	15.7	15.5	14.0	10.9	11.7	12.5	12.6	13.0
	170								7.4	8.2	9.0	9.1	9.4
	190												
	210												
	230												
	236												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x

T: T



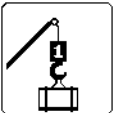
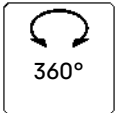
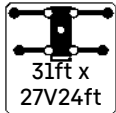
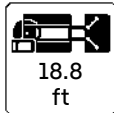
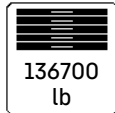
	ft	x1000lb											
		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
10													
12													
14													
16													
18													
20													
25													
30													
35		52.2	50.8	52.0	48.0	45.0	36.6						44.8
40		49.6	48.4	49.5	45.5	42.8	35.2	50.4	51.5	47.2	46.6	47.5	42.9
45		47.2	46.1	47.1	43.2	40.8	33.6	48.1	49.2	45.2	44.6	45.5	41.0
50		44.8	43.7	44.6	40.9	38.8	32.0	45.7	46.8	43.3	42.5	43.3	39.2
60		40.7	39.0	39.8	36.9	35.2	29.0	41.3	42.3	39.6	38.3	39.1	35.8
70		36.8	34.9	35.7	33.3	31.7	26.3	37.5	38.5	36.2	34.7	35.5	32.8
80		33.1	31.1	31.8	29.9	28.7	23.6	34.1	35.0	33.1	31.4	32.2	29.7
90		29.9	27.6	28.3	27.1	26.1	21.0	30.9	31.7	30.1	28.3	28.9	27.2
100		27.0	24.6	25.2	24.6	23.8	18.7	27.8	28.5	27.5	25.5	26.1	25.0
110		24.5	22.0	22.6	22.5	21.7	16.7	23.7	24.2	24.9	22.9	23.5	22.9
120		22.2	19.7	20.3	20.6	19.8	14.9	19.9	20.3	21.1	20.7	21.3	21.2
130		19.1	17.7	18.3	19.0	18.0	13.3	16.5	17.0	17.7	18.3	18.8	19.1
140		16.2	15.9	16.6	17.3	16.6	11.9	13.7	14.1	14.9	15.5	15.9	16.2
150		13.8	14.1	14.6	15.0	15.2	10.7	11.3	11.7	12.5	13.0	13.5	13.7
170		10.1	10.3	10.7	11.2	12.1	8.9	7.9	8.3	8.9	9.4	9.7	9.9
190								5.1	5.6	6.3	6.9	7.4	7.5
210													
230													
236													
	%												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	n	EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	2x

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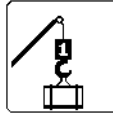
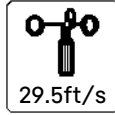
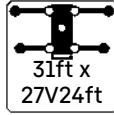
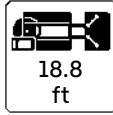
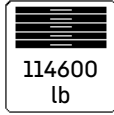
ft	x1000lb												
	199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5	
10													
12													
14													
16													
18													
20													
25													
30													
35	43.4												
40	41.7	40.7	41.6	43.4	42.0	39.3	38.7	30.8					
45	39.9	39.0	40.9	42.6	41.4	38.0	37.5	30.0	35.9	34.8	34.6	33.5	
50	38.1	37.3	39.8	41.1	40.5	36.6	36.1	29.0	35.0	34.2	33.8	32.9	
60	35.0	34.3	36.5	37.6	37.3	33.9	33.5	27.0	32.7	32.2	31.6	31.1	
70	31.9	31.3	33.5	34.4	34.2	31.4	30.9	25.1	30.5	30.0	29.6	29.0	
80	29.0	28.6	30.7	31.6	31.5	28.8	28.5	22.9	28.2	27.9	27.5	27.0	
90	26.6	25.9	28.1	28.9	28.8	26.5	26.2	20.6	26.0	25.7	25.4	25.1	
100	24.5	23.4	25.5	26.3	26.2	24.5	23.8	18.6	23.8	23.7	23.3	23.2	
110	22.5	21.0	23.3	24.0	23.9	22.7	21.6	16.8	21.7	21.7	21.4	21.3	
120	20.6	18.9	20.6	20.8	21.1	21.0	19.6	15.1	19.9	19.9	19.5	19.5	
130	18.9	17.1	17.3	17.5	17.8	18.7	17.9	13.7	17.6	17.9	17.6	17.8	
140	17.1	15.5	14.5	14.6	14.9	15.8	16.3	12.3	14.9	15.2	15.0	15.3	
150	14.7	14.1	12.1	12.2	12.5	13.4	13.9	11.0	12.5	12.7	12.6	12.9	
170	10.8	11.0	8.5	8.7	8.9	9.6	10.0	9.0	8.9	9.1	9.0	9.2	
190	8.3	8.5	5.8	6.1	6.3	7.2	7.7	7.5	6.4	6.6	6.6	6.7	
210								6.1	4.2	4.3	4.3	4.5	
230													
236													
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x










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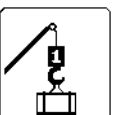
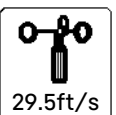
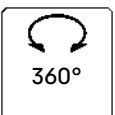
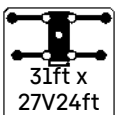
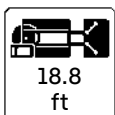
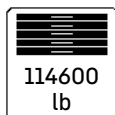
		x1000lb											
		230.2	237.3	237.3	243.2	243.2	246.1	246.1					
	ft												
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	28.1	28.2	27.3		25.8		25.1					
	50	27.4	27.6	26.8	26.1	25.4	25.5	24.8					
	60	25.9	26.0	25.4	24.7	24.2	24.2	23.7					
	70	24.1	24.4	23.9	23.2	22.8	22.8	22.3					
	80	22.3	22.7	22.3	21.6	21.3	21.3	21.0					
	90	20.4	21.2	20.9	19.9	19.8	19.7	19.5					
	100	18.6	19.7	19.5	18.3	18.2	18.1	18.0					
	110	16.9	18.3	18.2	16.7	16.7	16.6	16.6					
	120	15.4	17.1	17.0	15.3	15.3	15.2	15.2					
	130	14.0	16.0	15.8	14.0	14.0	13.8	13.9					
	140	12.7	14.8	14.8	12.7	12.8	12.4	12.5					
	150	11.5	12.7	13.0	11.6	11.7	11.0	11.2					
	170	9.5	9.1	9.3	8.9	9.1	8.7	8.9					
	190	7.6	6.7	6.9	6.5	6.7	6.3	6.5					
	210	5.5	4.5	4.7	4.3	4.5	4.1	4.3					
	230		2.8	2.9	2.6	2.7	2.3	2.5					
	236					2.3							
	1	45+	90+	90+	90+	90+	100+	100+					
	2	100+	90+	90+	100+	100+	100+	100+					
	3	100+	90+	90+	100+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+	100+					
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x					

T: T



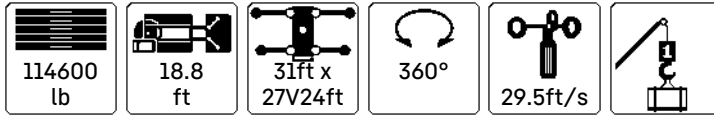
	ft	x1000lb											
		41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	295.4	269.5	208.0	233.8	220.3	199.9	179.1	177.2	267.7	201.9	265.6	246.3
	12	295.4	272.1	216.5	244.0	222.2	201.7	180.7	178.7	269.5	206.8	267.3	248.0
	14	275.1	271.1	226.2	251.8	224.5	203.7	182.5	177.8	267.9	213.5	267.5	249.9
	16	252.9	251.1	232.8	251.6	227.4	206.3	184.8	169.0	249.8	221.2	251.0	250.2
	18	233.9	232.0	233.0	233.6	230.0	209.2	187.4	158.0	230.5	228.8	231.9	233.2
	20	216.7	214.8	215.9	216.6	217.4	211.3	190.2	148.9	212.5	214.5	214.5	216.1
	25	181.2	179.1	180.3	181.1	182.0	182.8	183.5	130.0	177.3	179.0	179.2	180.7
	30	152.3	149.7	151.1	152.1	153.1	154.0	154.8	115.5	148.0	149.6	149.9	151.7
	35	127.6	124.8	126.3	127.5	128.6	129.7	130.6	104.3	122.7	124.6	125.0	127.0
	40		104.7	106.3	107.5	108.7	109.8	110.7	95.3	102.6	104.5	104.9	107.1
	45		87.7	89.7	91.2	92.7	94.1	95.2	88.7	85.2	87.5	88.1	90.8
	50				64.3	65.5	70.3	71.2		70.5	72.8	73.5	76.1
	60									50.3	52.4	53.1	55.7
	70												
	80												
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	222												
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	14x	13x	11x	12x	11x	10x	9x	9x	13x	11x	13x	12x

T: T



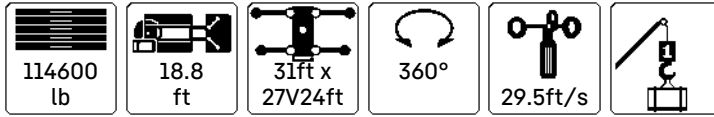
ft	x1000lb												
	67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.4	81.2	
10	219.2	198.7	178.2	178.1	152.1	125.6							
12	220.7	200.0	179.4	179.2	139.4	115.9	200.7	267.6	234.2	198.9	178.4	178.8	
14	222.4	201.6	180.8	180.5	128.4	107.3	205.1	263.8	235.4	200.1	179.5	180.1	
16	223.8	203.4	182.5	179.6	119.0	99.9	211.1	239.8	236.3	201.5	180.8	181.5	
18	213.6	205.5	184.4	169.4	110.8	93.3	215.3	221.5	224.4	203.1	182.3	177.5	
20	199.1	208.1	184.2	157.9	103.8	87.4	205.6	205.6	208.6	204.9	184.0	167.3	
25	169.1	183.2	170.1	133.8	89.1	75.3	173.1	173.4	176.3	179.4	180.8	143.9	
30	146.9	154.7	147.0	115.8	78.0	65.9	147.5	148.0	151.0	154.1	156.1	124.8	
35	128.9	130.3	128.8	101.5	69.1	58.3	123.1	124.0	126.9	130.0	132.0	110.1	
40	109.0	110.5	112.1	90.4	62.1	52.2	102.9	104.0	106.9	110.1	112.2	97.9	
45	93.2	94.8	96.6	81.4	56.0	47.3	85.6	87.0	90.6	94.3	96.7	88.2	
50	78.6	80.4	82.3	74.0	50.9	43.2	70.9	72.3	75.9	79.9	82.6	80.2	
60	58.0	59.7	61.6	62.9	43.1	36.9	50.5	51.9	55.3	59.1	61.7	63.8	
70							37.3	38.8	42.0	45.7	48.2	50.3	
80													
90													
100													
110													
120													
130													
140													
150													
170													
190													
210													
222													
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	11x	10x	9x	9x	7x	6x	10x	13x	11x	10x	9x	9x

T: T



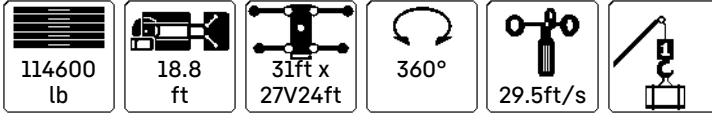
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9
	10												
	12												
	14												
	16												
	18												
	20												
	25	70.3	73.7	70.7	62.5	116.2	108.3	88.4	91.8	89.2	87.3	77.0	78.6
	30	63.9	67.5	65.0	57.2	107.1	99.0	81.2	85.1	83.2	81.4	70.9	72.4
	35	58.3	62.1	59.6	52.6	97.6	90.6	74.7	79.3	77.7	75.2	65.2	66.6
	40	53.5	57.3	54.6	48.3	89.1	83.3	69.0	74.2	72.8	69.3	60.1	61.4
	45	49.2	53.0	50.1	44.4	81.3	77.0	64.1	69.7	68.5	64.3	55.7	56.9
	50	45.0	48.9	45.8	40.8	71.0	71.2	59.7	65.6	64.1	59.8	51.7	52.9
	60	38.3	42.4	38.9	35.2	55.2	56.5	52.0	57.8	55.4	51.9	44.6	45.7
	70	33.0	37.2	33.3	30.7	44.1	45.3	45.4	47.6	47.8	45.3	38.6	39.6
	80	28.9	33.1	29.1	27.1	35.1	36.1	38.5	38.2	38.8	39.3	33.7	34.7
	90	25.5	29.7	25.6	24.2	28.1	29.1	31.4	31.2	31.7	32.4	29.7	30.7
	100	22.6	27.0	22.7	21.8	22.7	23.7	25.9	25.7	26.2	27.0	26.4	27.3
	110	20.2	24.7	20.4	19.7	18.5	19.4	21.6	21.4	21.9	22.7	22.7	23.4
	120	18.2	21.7	18.5	18.0	15.1	16.0	18.2	18.0	18.4	19.2	19.3	19.9
	130					12.3	13.2	15.3	15.2	15.6	16.3	16.4	17.0
	140					10.1	11.0	13.0	12.9	13.3	14.0	14.1	14.7
	150												
	170												
	190												
	210												
	222												
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	4x	4x	4x	3x	6x	5x	4x	5x	4x	4x	4x	4x

T: T



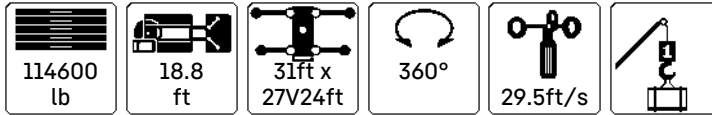
	ft	x1000lb											
		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
	10												
	12												
	14												
	16												
	18												
	20												
	25	73.0	67.7	67.8	61.5	58.9							
	30	67.4	62.4	63.3	56.8	54.7	44.2	92.2	82.4	74.3	81.3	75.8	68.6
	35	62.5	57.7	59.0	52.6	50.8	41.6	85.2	77.4	68.5	76.4	70.0	63.8
	40	58.2	53.5	54.7	49.0	47.4	39.0	78.7	73.0	63.3	72.1	64.8	59.4
	45	54.4	49.8	50.9	45.6	44.0	36.5	73.0	69.0	58.7	68.3	60.2	55.4
	50	50.8	46.4	47.3	42.4	40.7	34.1	67.7	65.4	54.5	64.3	56.0	51.9
	60	44.3	40.1	40.8	36.8	34.9	30.0	53.4	55.9	47.6	56.3	48.9	45.8
	70	39.3	35.1	35.6	32.5	30.3	26.3	42.6	45.1	41.5	45.9	42.8	40.2
	80	35.1	30.9	31.3	28.9	26.5	23.2	34.5	36.8	36.3	37.6	37.5	35.5
	90	31.7	27.5	27.9	25.9	23.5	20.5	27.7	29.8	30.3	30.5	31.3	31.4
	100	28.2	24.7	25.0	23.5	20.9	18.1	22.3	24.3	24.9	25.1	25.8	26.4
	110	23.9	22.4	22.6	21.4	18.8	16.1	18.0	20.0	20.6	20.8	21.5	22.0
	120	20.4	20.3	20.5	19.5	17.0	14.4	14.5	16.5	17.1	17.3	18.0	18.6
	130	17.5	18.0	18.6	18.0	15.5	13.0	11.6	13.6	14.1	14.3	15.0	15.6
	140	15.2	15.6	16.2	16.6	14.2	11.7	9.4	11.1	11.7	11.9	12.6	13.1
	150						10.7	7.5	9.3	9.7	9.9	10.6	11.1
	170												
	190												
	210												
	222												
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	4x	3x	3x	3x	3x	2x	5x	4x	4x	4x	4x	3x

T: T



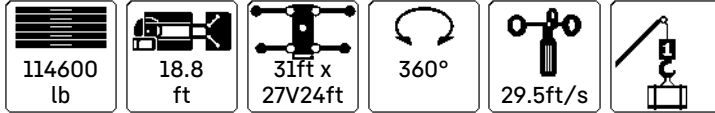
		x1000lb											
ft	ft	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
10													
12													
14													
16													
18													
20													
25													
30		66.6	70.1	64.9	59.0	60.0	56.2	52.9	76.6	70.9	72.5	63.6	63.7
35		62.2	65.2	60.8	55.3	56.5	52.5	49.7	73.4	66.2	67.7	59.9	59.7
40		58.3	60.7	57.1	51.8	52.9	49.1	46.7	69.8	61.8	63.4	56.7	55.8
45		54.8	56.7	53.8	48.6	49.6	46.1	43.7	66.2	57.8	59.3	53.6	52.1
50		51.7	53.1	50.8	45.8	46.7	43.3	41.0	62.1	54.2	55.6	50.8	48.8
60		45.8	46.9	45.1	40.4	41.2	38.2	35.9	53.8	47.9	49.3	46.0	43.0
70		40.8	41.2	40.3	35.3	36.1	33.8	31.4	43.3	42.4	43.7	41.4	38.0
80		36.8	36.5	36.4	31.1	31.9	30.3	27.9	35.4	35.5	36.5	37.2	33.5
90		32.1	32.2	32.6	27.5	28.3	27.4	24.9	29.1	29.3	30.2	30.8	29.5
100		26.7	26.9	27.2	24.5	25.2	24.9	22.4	23.6	23.9	24.8	25.3	25.5
110		22.3	22.6	22.8	21.9	22.7	22.8	20.2	19.3	19.6	20.4	21.0	21.2
120		18.8	19.1	19.3	19.8	20.5	20.7	18.4	15.8	16.0	16.9	17.4	17.6
130		15.9	16.1	16.3	17.0	17.6	17.7	16.9	12.8	13.0	13.9	14.4	14.6
140		13.4	13.7	13.8	14.5	15.1	15.2	15.6	10.3	10.5	11.4	11.9	12.1
150		11.4	11.7	11.7	12.5	13.0	13.2	14.0	8.6	8.8	9.5	9.9	10.0
170													
190													
210													
222													
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	4x	3x	3x	3x	3x	3x	4x	4x	4x	3x	3x

T: T



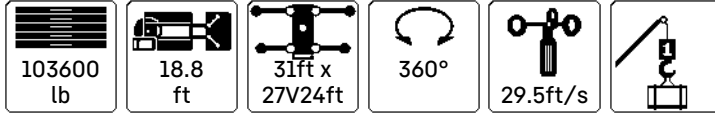
ft	x1000lb												
	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9	
10													
12													
14													
16													
18													
20													
25													
30	62.7	65.1	56.7	55.3	57.6	51.9							
35	59.2	60.9	53.6	51.9	54.8	49.0	47.4	61.4	62.9	56.9	56.4	58.2	
40	56.0	56.9	50.6	48.9	51.8	46.3	44.8	58.5	60.0	53.8	53.7	55.0	
45	53.0	53.2	47.8	46.2	48.8	43.6	42.3	55.3	56.7	50.7	51.2	51.8	
50	50.4	49.8	45.2	43.6	46.2	41.1	40.0	52.3	53.7	47.8	49.0	48.9	
60	45.5	44.0	40.7	39.2	41.5	36.7	35.7	46.8	48.3	42.7	44.8	43.7	
70	41.0	38.9	36.2	35.0	37.0	32.5	31.7	41.4	42.3	38.3	40.9	39.3	
80	37.3	34.3	32.2	31.6	33.0	29.1	28.4	33.6	34.5	34.3	35.5	35.2	
90	31.5	30.3	28.8	28.6	29.5	26.1	25.6	27.6	28.5	29.3	29.5	29.9	
100	26.0	26.1	25.9	26.1	26.7	23.6	22.9	22.8	23.6	24.5	24.6	25.1	
110	21.7	21.7	22.9	22.8	23.4	21.5	20.6	18.5	19.3	20.2	20.3	20.7	
120	18.1	18.2	19.2	19.2	19.8	19.6	18.6	14.9	15.7	16.6	16.6	17.1	
130	15.1	15.1	16.2	16.2	16.7	17.5	16.9	11.9	12.7	13.6	13.6	14.1	
140	12.6	12.6	13.7	13.7	14.2	14.9	15.1	9.5	10.2	11.1	11.1	11.5	
150	10.5	10.5	11.6	11.6	12.1	12.8	13.0	7.7	8.5	9.2	9.2	9.6	
170								4.5	5.3	6.2	6.2	6.6	
190													
210													
222													
1%	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
2%	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
3%	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
4%	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
5%	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
6%	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
7%	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
n	EST1	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x

T: T



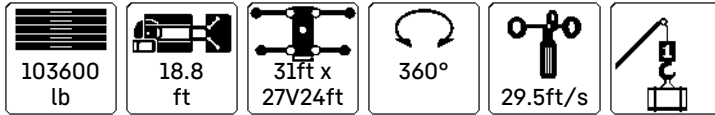
		x1000lb											
	ft	199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	43.4											
	40	41.7	40.7	41.6	43.4	42.0	39.3	38.7	30.8				
	45	39.9	39.0	40.9	42.6	41.4	38.0	37.5	30.0	35.9	34.8	34.6	33.5
	50	38.1	37.3	39.8	41.1	40.5	36.6	36.1	29.0	35.0	34.2	33.8	32.9
	60	35.0	34.3	36.5	37.6	37.3	33.9	33.5	27.0	32.7	32.2	31.6	31.1
	70	31.9	31.3	33.5	34.4	34.2	31.4	30.9	25.1	30.5	30.0	29.6	29.0
	80	29.0	28.6	30.7	31.6	31.5	28.8	28.5	22.9	28.2	27.9	27.5	27.0
	90	26.6	25.9	27.4	27.8	27.9	26.5	26.2	20.6	26.0	25.7	25.4	25.1
	100	24.5	23.4	23.1	23.3	23.6	24.3	23.8	18.6	22.9	23.2	22.9	23.1
	110	22.4	21.0	19.4	19.6	19.9	20.8	21.3	16.8	19.4	19.7	19.4	19.7
	120	18.8	18.9	16.2	16.3	16.6	17.5	18.1	15.1	16.3	16.7	16.4	16.7
	130	15.8	16.0	13.2	13.3	13.6	14.5	15.0	13.7	13.5	13.8	13.7	14.0
	140	13.3	13.5	10.6	10.8	11.1	12.0	12.5	12.3	11.0	11.3	11.2	11.5
	150	11.1	11.3	8.8	8.9	9.1	9.9	10.3	11.0	9.1	9.3	9.2	9.5
	170	8.1	8.3	5.8	6.0	6.2	7.1	7.5	8.2	6.3	6.6	6.5	6.7
	190	5.8	6.1	3.3	3.5	3.7	4.6	5.1	6.0	3.8	4.0	4.0	4.2
	210								4.1				
	222												
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x










T: T



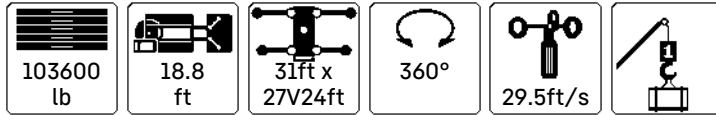
	ft	x1000lb											
		41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	295.4	269.5	208.0	233.8	220.3	199.9	179.1	177.2	267.7	201.9	265.6	246.3
	12	295.4	272.1	216.5	244.0	222.2	201.7	180.7	178.7	269.5	206.8	267.3	248.0
	14	273.6	270.2	226.2	251.8	224.5	203.7	182.5	177.8	267.2	213.5	266.7	249.9
	16	251.5	249.7	232.8	250.4	227.4	206.3	184.8	169.0	248.4	221.2	249.6	249.9
	18	232.3	230.4	231.5	232.2	229.9	209.2	187.4	158.0	228.9	228.6	230.3	231.7
	20	214.8	212.9	214.0	214.7	215.5	210.9	190.2	148.9	211.2	212.6	212.7	214.1
	25	178.7	176.4	177.7	178.5	179.5	180.3	181.0	130.0	174.7	176.2	176.5	178.1
	30	148.4	145.6	147.1	148.3	149.4	150.5	151.3	115.5	143.7	145.5	145.8	147.8
	35	122.9	119.7	121.4	122.5	123.8	124.9	125.8	104.3	117.7	119.6	120.0	122.1
	40		99.1	101.2	102.7	104.2	105.4	106.3	95.3	96.6	98.9	99.5	102.2
	45		80.5	82.5	84.2	85.8	87.1	88.4	88.6	77.9	80.3	81.0	83.8
	50				64.3	65.5	70.3	71.2		64.0	66.3	67.0	69.6
	60									45.2	47.3	48.0	50.5
	70												
	80												
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	211												
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	14x	13x	11x	12x	11x	10x	9x	9x	13x	11x	13x	12x

T: T



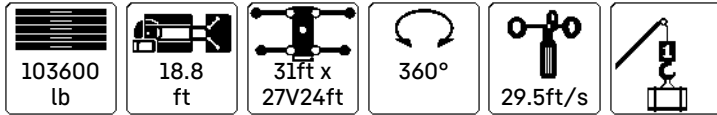
	ft	x1000lb											
		67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.4	81.2
	10	219.2	198.7	178.2	178.1	152.1	125.6						
	12	220.7	200.0	179.4	179.2	139.4	115.9	200.7	267.6	234.2	198.9	178.4	178.8
	14	222.4	201.6	180.8	180.5	128.4	107.3	205.1	263.1	235.4	200.1	179.5	180.1
	16	223.8	203.4	182.5	179.6	119.0	99.9	211.1	239.7	236.3	201.5	180.8	181.5
	18	213.6	205.5	184.4	169.4	110.8	93.3	215.3	221.5	224.4	203.1	182.3	177.5
	20	199.1	208.1	184.2	157.9	103.8	87.4	205.6	205.6	208.6	204.9	184.0	167.3
	25	169.1	180.8	170.1	133.8	89.1	75.3	172.9	173.4	176.2	179.1	180.4	143.9
	30	146.9	151.0	147.0	115.8	78.0	65.9	142.6	143.8	146.9	150.1	152.2	124.8
	35	124.1	125.6	127.2	101.5	69.1	58.3	115.3	116.9	121.0	125.2	127.4	110.1
	40	104.6	106.1	107.7	90.4	62.1	52.2	94.3	95.9	100.1	104.8	107.8	97.9
	45	86.3	88.1	90.2	81.4	56.0	47.3	78.2	79.7	83.6	87.7	90.4	88.2
	50	72.1	73.9	75.9	74.0	50.9	43.2	64.3	65.7	69.4	73.4	76.1	78.3
	60	52.9	54.6	56.4	58.0	43.1	36.9	45.3	46.7	50.1	54.0	56.5	58.6
	70							33.1	34.5	37.8	41.5	44.0	46.0
	80												
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	211												
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	11x	10x	9x	9x	7x	6x	10x	13x	11x	10x	9x	9x

T: T



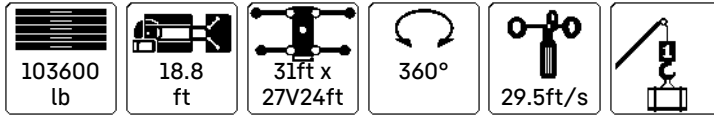
		x1000lb											
	ft	81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
	10												
	12	129.6	128.0										
	14	119.8	118.6	234.0	200.2	179.8	179.4	125.9	118.2	119.3	98.4		
	16	111.3	110.3	228.8	201.4	180.9	180.5	117.4	111.3	112.2	92.7	77.8	200.7
	18	103.5	102.6	211.8	202.7	182.1	178.2	109.8	105.0	105.9	87.4	73.3	201.8
	20	96.5	95.8	197.2	199.1	183.5	170.8	103.1	99.3	100.2	82.4	69.1	189.5
	25	82.4	82.1	167.6	171.1	173.8	150.3	89.2	86.7	87.5	71.4	60.1	162.5
	30	71.4	71.5	140.5	145.3	147.9	133.4	77.9	76.5	77.4	62.6	52.8	137.6
	35	63.1	63.4	114.0	119.3	123.0	118.8	68.5	67.9	69.1	54.9	47.1	112.4
	40	56.1	56.6	94.0	99.3	103.1	105.9	61.1	60.8	62.5	48.8	42.1	93.6
	45	50.6	51.2	79.1	84.3	88.0	91.1	54.9	54.8	56.8	43.7	38.0	79.3
	50	46.0	46.6	67.3	72.1	75.5	78.2	49.9	49.9	52.2	39.5	34.4	68.1
	60	38.8	39.6	48.4	52.7	55.8	58.4	41.8	42.1	44.8	32.9	29.0	50.9
	70	33.1	34.4	36.0	40.2	43.2	45.7	35.9	36.3	39.3	28.0	24.7	38.3
	80			27.4	31.5	34.4	36.9	31.4	31.9	35.0	24.3	21.6	29.6
	90											19.2	23.2
	100												18.5
	110												
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	211												
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	6x	6x	11x	10x	9x	9x	6x	6x	6x	5x	4x	10x

T: T



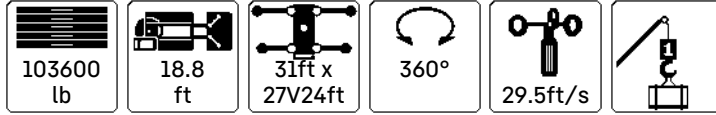
	ft	x1000lb											
		107.5	107.5	107.5	107.7	107.8	107.3	107.5	120.5	120.5	120.7	120.9	120.5
10													
12													
14													
16		180.1		125.4	114.7		111.7						
18		181.1	178.3	118.2	109.1	90.3	107.1	86.1	176.4				106.2
20		182.4	171.0	111.4	103.3	85.5	102.0	82.1	176.4	168.1	109.5	93.4	102.1
25		165.5	153.4	97.1	91.2	75.5	91.1	73.2	157.0	153.1	97.6	83.0	92.3
30		142.0	138.6	85.8	81.4	67.2	81.8	65.4	134.4	137.8	87.6	74.5	84.1
35		116.9	120.6	76.5	73.0	60.0	74.0	58.7	110.6	114.9	79.2	67.5	77.1
40		98.0	101.7	68.4	65.7	53.8	67.2	52.7	92.6	96.8	72.2	61.3	70.8
45		83.6	87.2	61.7	59.7	48.8	61.7	47.9	79.0	83.1	65.8	55.5	65.2
50		72.2	75.7	56.0	54.7	44.6	57.0	43.8	68.3	72.3	60.3	50.8	60.5
60		54.5	57.5	46.9	46.4	37.5	49.2	37.1	52.4	56.2	51.2	43.0	52.7
70		41.8	44.8	40.0	40.2	31.9	43.3	32.0	40.2	43.5	44.2	37.0	46.5
80		33.0	35.9	34.8	35.1	27.6	38.4	28.1	31.4	34.6	36.3	32.0	37.6
90		26.6	29.4	30.0	30.9	24.2	31.9	25.0	24.9	28.1	29.7	28.0	31.0
100		21.8	24.6	25.1	26.0	21.5	26.9	22.6	19.9	23.1	24.6	24.7	25.9
110									16.1	19.3	20.7	21.5	22.0
120													
130													
140													
150													
170													
190													
210													
211													
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	9x	9x	6x	6x	4x	5x	4x	8x	8x	5x	5x	5x

T: T



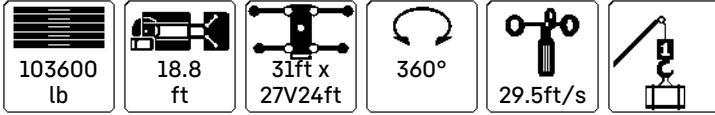
		x1000lb											
ft		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
10													
12													
14													
16													
18													
20		95.4	83.8	81.4	71.5								
25		84.5	75.3	73.8	64.0	54.9	145.2	112.3	91.4	92.6	89.5	81.5	83.2
30		75.5	68.1	67.1	57.7	49.9	131.5	100.8	82.6	85.1	82.5	74.3	75.5
35		68.1	62.1	61.0	52.0	45.2	109.0	91.0	75.2	78.8	75.4	68.0	68.9
40		61.7	56.5	55.5	47.0	41.0	91.8	82.6	68.8	73.2	68.8	62.7	63.3
45		55.8	51.6	50.6	42.6	37.4	78.6	75.8	63.3	68.2	63.3	57.9	58.4
50		50.9	47.5	46.6	39.1	34.1	68.3	69.0	58.4	63.4	58.1	53.3	53.6
60		42.8	40.8	39.9	33.2	28.9	53.1	53.8	49.6	55.8	49.3	45.8	45.9
70		36.6	35.3	34.7	28.5	24.7	41.9	42.5	42.7	45.3	42.3	39.9	39.8
80		31.9	30.9	30.8	25.0	21.4	33.0	33.6	35.4	36.3	36.4	35.1	35.0
90		28.1	27.4	27.5	22.1	18.7	26.5	27.0	28.8	29.7	29.9	30.2	30.8
100		25.0	24.5	24.9	19.5	16.5	21.5	22.0	23.7	24.6	24.9	25.1	25.8
110		22.2	22.2	22.8	17.5	14.7	17.5	18.0	19.7	20.6	20.9	21.1	21.8
120						13.3	14.5	14.9	16.6	17.4	17.7	17.9	18.6
130													
140													
150													
170													
190													
210													
211													
%		1	2	3	4	5	6	7	EST1	5x	4x	4x	4x
		0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
		0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
		0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
		90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
		45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
		45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
		90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
		EST1	5x	4x	4x	4x	3x	7x	5x	5x	5x	4x	4x

T: T



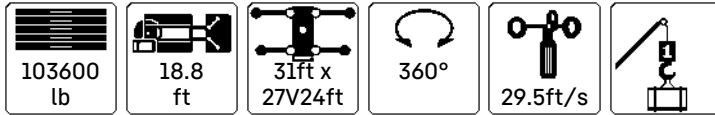
ft	x1000lb												
	134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9	
10													
12													
14													
16													
18													
20													
25	70.3	73.7	70.7	62.5	116.2	108.3	88.4	91.8	89.2	87.3	77.0	78.6	
30	63.9	67.5	65.0	57.2	107.1	99.0	81.2	85.1	83.2	81.4	70.9	72.4	
35	58.3	62.1	59.6	52.6	97.6	90.6	74.7	79.3	77.7	75.2	65.2	66.6	
40	53.5	57.3	54.6	48.3	87.0	83.3	69.0	74.2	72.8	69.3	60.1	61.4	
45	49.2	53.0	50.1	44.4	74.6	75.9	64.1	69.7	68.5	64.3	55.7	56.9	
50	45.0	48.9	45.8	40.8	64.7	66.0	59.7	65.5	64.1	59.8	51.7	52.9	
60	38.3	42.4	38.9	35.2	50.0	51.3	52.0	53.7	54.4	51.9	44.6	45.7	
70	33.0	37.2	33.3	30.7	39.7	40.9	43.5	43.3	43.9	44.6	38.6	39.6	
80	28.9	33.1	29.1	27.1	31.5	32.5	34.8	34.6	35.2	35.9	33.7	34.7	
90	25.5	29.7	25.6	24.2	25.0	26.0	28.2	28.0	28.5	29.3	29.4	30.0	
100	22.6	26.6	22.7	21.8	19.9	20.9	23.1	22.9	23.4	24.2	24.3	24.9	
110	20.2	22.6	20.4	19.7	16.0	17.0	19.1	18.9	19.4	20.2	20.2	20.9	
120	18.2	19.4	18.5	18.0	12.8	13.7	15.9	15.7	16.2	16.9	17.0	17.6	
130					10.2	11.0	13.1	13.0	13.4	14.1	14.2	14.8	
140					8.2	9.1	11.0	10.9	11.3	12.0	12.0	12.7	
150													
170													
190													
210													
211													
%	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
%	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
%	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
%	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
%	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
%	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
n	EST1	4x	4x	4x	3x	6x	5x	4x	5x	4x	4x	4x	4x

T: T



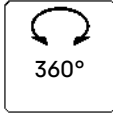
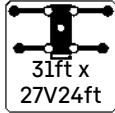
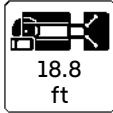
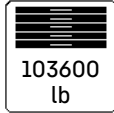
ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10													
12													
14													
16													
18													
20													
25	73.0	67.7	67.8	61.5	58.9								
30	67.4	62.4	63.3	56.8	54.7	44.2	92.2	82.4	74.3	81.3	75.8	68.6	
35	62.5	57.7	59.0	52.6	50.8	41.6	85.2	77.4	68.5	76.4	70.0	63.8	
40	58.2	53.5	54.7	49.0	47.4	39.0	78.7	73.0	63.3	72.1	64.8	59.4	
45	54.4	49.8	50.9	45.6	44.0	36.5	71.7	69.0	58.7	68.3	60.2	55.4	
50	50.8	46.4	47.3	42.4	40.7	34.1	62.5	64.6	54.5	64.3	56.0	51.9	
60	44.3	40.1	40.8	36.8	34.9	30.0	48.3	50.8	47.6	51.7	48.9	45.8	
70	39.3	35.1	35.6	32.5	30.3	26.3	38.2	40.7	41.3	41.6	42.5	40.2	
80	35.1	30.9	31.3	28.9	26.5	23.2	30.7	33.1	33.7	33.9	34.8	35.3	
90	30.5	27.5	27.9	25.9	23.5	20.5	24.5	26.6	27.2	27.4	28.2	28.7	
100	25.4	24.7	25.0	23.5	20.9	18.1	19.5	21.5	22.1	22.3	23.0	23.6	
110	21.4	21.9	22.4	21.4	18.8	16.1	15.5	17.5	18.1	18.2	19.0	19.5	
120	18.1	18.5	19.2	19.5	17.0	14.4	12.1	14.1	14.7	14.9	15.6	16.1	
130	15.3	15.8	16.4	16.8	15.5	13.0	9.5	11.4	11.9	12.1	12.8	13.3	
140	13.2	13.5	14.1	14.5	14.2	11.7	7.5	9.3	9.7	9.9	10.5	11.1	
150						10.7	5.7	7.6	8.1	8.3	9.0	9.4	
170													
190													
210													
211													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	4x	3x	3x	3x	3x	2x	5x	4x	4x	4x	4x	3x

T: T



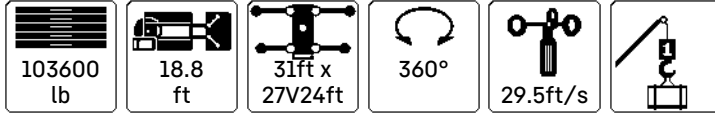
		x1000lb												
ft		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3	
10														
12														
14														
16														
18														
20														
25														
30		66.6	70.1	64.9	59.0	60.0	56.2	52.9	76.6	70.9	72.5	63.6	63.7	
35		62.2	65.2	60.8	55.3	56.5	52.5	49.7	73.4	66.2	67.7	59.9	59.7	
40		58.3	60.7	57.1	51.8	52.9	49.1	46.7	69.8	61.8	63.4	56.7	55.8	
45		54.8	56.7	53.8	48.6	49.6	46.1	43.7	66.2	57.8	59.3	53.6	52.1	
50		51.7	53.1	50.8	45.8	46.7	43.3	41.0	61.9	54.2	55.6	50.8	48.8	
60		45.8	46.9	45.1	40.4	41.2	38.2	35.9	48.9	47.6	48.9	46.0	43.0	
70		40.8	41.2	40.3	35.3	36.1	33.8	31.4	39.0	39.2	40.3	41.0	38.0	
80		35.6	35.9	36.0	31.1	31.9	30.3	27.9	31.6	31.9	32.9	33.6	33.5	
90		29.0	29.3	29.5	27.5	28.3	27.4	24.9	25.9	26.1	27.0	27.6	27.8	
100		23.9	24.2	24.4	24.5	25.2	24.9	22.4	20.8	21.1	22.0	22.5	22.8	
110		19.8	20.1	20.3	21.0	21.6	21.8	20.2	16.7	16.9	17.8	18.4	18.6	
120		16.4	16.7	16.9	17.6	18.2	18.3	18.4	13.4	13.6	14.4	15.0	15.2	
130		13.6	13.9	14.1	14.8	15.4	15.5	16.4	10.6	10.8	11.7	12.2	12.4	
140		11.3	11.6	11.8	12.5	13.0	13.2	14.0	8.6	8.8	9.5	9.9	10.1	
150		9.6	9.8	9.9	10.6	11.1	11.3	12.1	6.8	7.1	7.9	8.3	8.5	
170														
190														
210														
211														
1%		1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
2%		2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
3%		3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
4%		4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
5%		5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
6%		6	90+	45+	90+	90+	90+	90+	45+	45+	45+	90+	45+	90+
7%		7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
EST1		3x	4x	3x	3x	3x	3x	3x	4x	4x	4x	3x	3x	

T: T



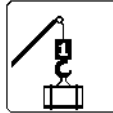
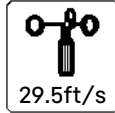
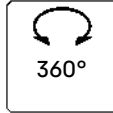
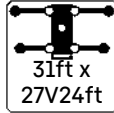
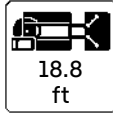
	ft	x1000lb											
		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	52.2	50.8	52.0	48.0	45.0	36.6						44.8
	40	49.6	48.4	49.5	45.5	42.8	35.2	50.4	51.5	47.2	46.6	47.5	42.9
	45	47.2	46.1	47.1	43.2	40.8	33.6	48.1	49.2	45.2	44.6	45.5	41.0
	50	44.8	43.7	44.6	40.9	38.8	32.0	45.7	46.8	43.3	42.5	43.3	39.2
	60	40.7	39.0	39.8	36.9	35.2	29.0	41.3	42.3	39.6	38.3	39.1	35.8
	70	36.8	34.9	35.7	33.3	31.7	26.3	36.5	37.2	36.2	34.7	35.5	32.8
	80	33.0	31.1	31.8	29.9	28.7	23.6	29.6	30.2	31.0	31.4	32.0	29.7
	90	27.6	27.5	28.1	27.1	26.1	21.0	24.3	24.8	25.6	26.1	26.7	26.8
	100	23.0	23.3	23.8	24.1	23.8	18.7	19.9	20.5	21.2	21.8	22.3	22.7
	110	18.9	19.1	19.6	20.1	21.1	16.7	16.2	16.7	17.5	18.1	18.5	18.8
	120	15.5	15.7	16.2	16.6	17.7	14.9	12.9	13.3	14.1	14.7	15.1	15.5
	130	12.7	12.9	13.4	13.8	14.9	13.3	10.2	10.6	11.3	11.9	12.4	12.7
	140	10.3	10.6	11.1	11.5	12.5	11.9	8.2	8.6	9.2	9.7	10.1	10.3
	150	8.7	8.9	9.3	9.6	10.5	10.7	6.5	6.9	7.6	8.1	8.4	8.6
	170	5.9	6.2	6.6	7.1	7.8	8.4	3.4	3.9	4.6	5.2	5.7	5.9
	190									2.4	3.0	3.4	3.5
	210												
	211												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	3x	2x

T: T



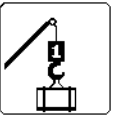
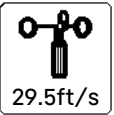
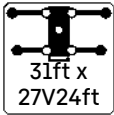
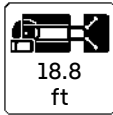
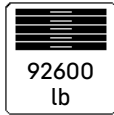
ft	x1000lb												
	199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5	
10													
12													
14													
16													
18													
20													
25													
30													
35	43.4												
40	41.7	40.7	41.6	43.4	42.0	39.3	38.7	30.8					
45	39.9	39.0	40.9	42.6	41.4	38.0	37.5	30.0	35.9	34.8	34.6	33.5	
50	38.1	37.3	39.8	41.1	40.5	36.6	36.1	29.0	35.0	34.2	33.8	32.9	
60	35.0	34.3	36.5	37.6	37.3	33.9	33.5	27.0	32.7	32.2	31.6	31.1	
70	31.9	31.3	33.5	34.4	34.2	31.4	30.9	25.1	30.5	30.0	29.6	29.0	
80	29.0	28.6	29.8	30.0	30.3	28.8	28.5	22.9	28.2	27.9	27.5	27.0	
90	26.6	25.9	24.5	24.7	25.1	25.8	26.0	20.6	24.3	24.5	24.2	24.4	
100	23.6	23.4	20.3	20.5	20.8	21.8	22.3	18.6	20.2	20.6	20.2	20.6	
110	19.8	20.0	16.9	17.1	17.4	18.3	18.9	16.8	16.9	17.2	17.0	17.3	
120	16.4	16.6	13.7	13.9	14.2	15.1	15.6	15.1	14.0	14.4	14.2	14.5	
130	13.6	13.8	10.9	11.1	11.4	12.3	12.8	13.5	11.3	11.6	11.5	11.8	
140	11.2	11.5	8.9	9.0	9.2	10.0	10.5	11.4	9.2	9.4	9.3	9.5	
150	9.4	9.5	7.3	7.4	7.6	8.3	8.8	9.5	7.6	7.8	7.7	7.9	
170	6.8	7.0	4.3	4.5	4.7	5.6	6.1	6.9	4.8	5.0	5.0	5.2	
190	4.4	4.7			2.3	3.2	3.7	4.6	2.5	2.6	2.6	2.8	
210								2.8					
211								2.8					
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x

T: T



		x1000lb											
	ft	230.2	237.3	237.3	243.2	243.2	246.1	246.1					
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	28.1	28.2	27.3		25.8		25.1					
	50	27.4	27.6	26.8	26.1	25.4	25.5	24.8					
	60	25.9	26.0	25.4	24.7	24.2	24.2	23.7					
	70	24.1	24.4	23.9	23.2	22.8	22.8	22.3					
	80	22.3	22.7	22.3	21.6	21.3	21.3	21.0					
	90	20.4	21.2	20.9	19.9	19.8	19.7	19.5					
	100	18.6	19.5	19.5	18.3	18.2	18.1	18.0					
	110	16.9	16.7	17.1	16.2	16.4	16.0	16.2					
	120	15.4	14.0	14.4	13.6	14.0	13.3	13.7					
	130	12.8	11.6	11.9	11.3	11.6	11.1	11.4					
	140	10.4	9.4	9.7	9.2	9.5	9.0	9.3					
	150	8.8	7.8	8.0	7.6	7.9	7.4	7.7					
	170	6.2	5.1	5.4	5.0	5.2	4.7	5.0					
	190	3.8	2.8	3.0	2.6	2.8	2.3	2.6					
	210												
	211												
	1	45+	90+	90+	90+	90+	100+	100+					
	2	100+	90+	90+	100+	100+	100+	100+					
	3	100+	90+	90+	100+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+	100+					
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x					

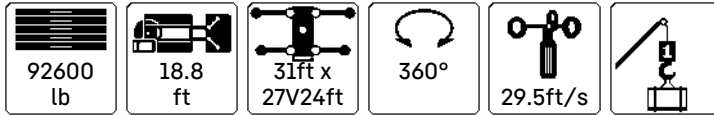
T: T



		x1000lb											
	ft	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	295.4	269.5	208.0	233.8	220.3	199.9	179.1	177.2	267.7	201.9	265.6	246.3
	12	295.4	272.1	216.5	244.0	222.2	201.7	180.7	178.7	269.5	206.8	267.3	248.0
	14	272.3	269.4	226.2	251.8	224.5	203.7	182.5	177.8	266.6	213.5	266.1	249.9
	16	250.3	248.5	232.8	249.4	227.4	206.3	184.8	169.0	247.0	221.2	248.4	249.6
	18	230.6	228.6	229.6	230.3	229.8	209.2	187.4	158.0	227.0	228.3	228.5	229.8
	20	213.1	211.1	212.2	212.9	213.7	210.7	190.2	148.9	209.5	210.8	211.0	212.4
	25	175.7	173.3	174.6	175.5	176.6	177.5	178.3	130.0	171.5	173.2	173.4	175.2
	30	143.6	140.6	142.2	143.4	144.6	145.6	146.6	115.5	138.5	140.4	140.8	143.0
	35	118.1	114.8	116.5	117.7	118.9	120.0	121.0	104.3	110.1	112.9	113.8	116.9
	40		91.0	93.2	94.8	96.5	98.0	99.1	95.3	88.4	90.8	91.6	94.5
	45		73.2	75.2	76.9	78.5	79.9	81.0	81.9	70.6	73.0	73.7	76.5
	50				63.6	65.0	66.7	67.9		57.7	60.0	60.7	63.3
	60									40.2	42.3	43.0	45.6
	70												
	80												
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	170												
	190												
	206												

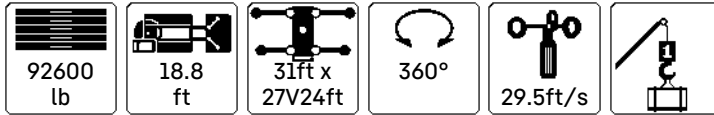
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	14x	13x	11x	12x	11x	10x	9x	9x	13x	11x	13x	12x

T: T



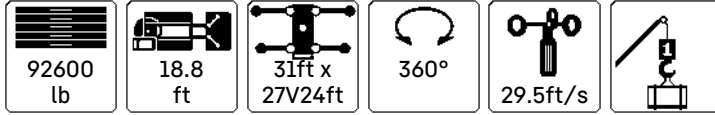
ft	x1000lb												
	120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7	
10													
12													
14													
16													
18													
20	95.4	83.8	81.4	71.5									
25	84.5	75.3	73.8	64.0	54.9	144.9	112.3	91.4	92.6	89.5	81.5	83.2	
30	75.5	68.1	67.1	57.7	49.9	121.9	100.8	82.6	85.1	82.5	74.3	75.5	
35	68.1	62.1	61.0	52.0	45.2	100.1	91.0	75.2	78.8	75.4	68.0	68.9	
40	61.7	56.5	55.5	47.0	41.0	84.0	82.6	68.8	73.2	68.8	62.7	63.3	
45	55.8	51.6	50.6	42.6	37.4	71.8	72.5	63.3	68.2	63.3	57.9	58.4	
50	50.9	47.5	46.6	39.1	34.1	62.2	62.9	58.4	63.4	58.1	53.3	53.6	
60	42.8	40.8	39.9	33.2	28.9	48.0	48.7	49.6	51.9	49.3	45.8	45.9	
70	36.6	35.3	34.7	28.5	24.7	37.8	38.3	40.2	41.2	41.5	39.9	39.8	
80	31.9	30.9	30.8	25.0	21.4	29.5	30.1	31.9	32.8	33.1	33.4	34.1	
90	28.1	27.4	27.5	22.1	18.7	23.4	24.0	25.7	26.6	26.9	27.2	27.9	
100	23.5	24.0	24.8	19.5	16.5	18.8	19.3	21.0	21.9	22.2	22.4	23.1	
110	19.8	20.3	21.1	17.5	14.7	15.1	15.6	17.3	18.2	18.5	18.7	19.4	
120					13.3	12.2	12.6	14.3	15.2	15.4	15.6	16.3	
130													
140													
150													
170													
190													
206													
	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	5x	4x	4x	4x	3x	7x	5x	5x	5x	4x	4x	4x

T: T



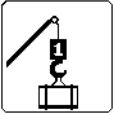
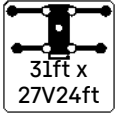
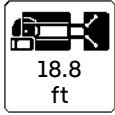
ft	x1000lb												
	134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9	
10													
12													
14													
16													
18													
20													
25	70.3	73.7	70.7	62.5	116.2	108.3	88.4	91.8	89.2	87.3	77.0	78.6	
30	63.9	67.5	65.0	57.2	107.1	99.0	81.2	85.1	83.2	81.4	70.9	72.4	
35	58.3	62.1	59.6	52.6	94.6	90.6	74.7	79.3	77.7	75.2	65.2	66.6	
40	53.5	57.3	54.6	48.3	79.5	80.8	69.0	74.2	72.8	69.3	60.1	61.4	
45	49.2	53.0	50.1	44.4	67.9	69.2	64.1	69.6	68.5	64.3	55.7	56.9	
50	45.0	48.9	45.8	40.8	58.7	60.0	59.7	62.5	63.2	59.8	51.7	52.9	
60	38.3	42.4	38.9	35.2	45.0	46.3	49.0	48.7	49.4	50.3	44.6	45.7	
70	33.0	37.2	33.3	30.7	35.4	36.6	39.3	39.0	39.7	40.5	38.6	39.6	
80	28.9	33.1	29.1	27.1	28.0	29.0	31.4	31.1	31.7	32.4	32.5	33.2	
90	25.5	28.7	25.6	24.2	21.9	22.9	25.2	25.0	25.5	26.2	26.3	27.0	
100	22.6	23.9	22.7	21.8	17.2	18.2	20.5	20.2	20.7	21.5	21.6	22.2	
110	19.7	20.2	20.3	19.7	13.5	14.5	16.6	16.5	16.9	17.7	17.7	18.4	
120	16.7	17.1	17.3	18.0	10.4	11.4	13.5	13.4	13.8	14.5	14.6	15.2	
130					8.2	9.1	11.0	10.8	11.3	12.0	12.0	12.7	
140					6.4	7.2	9.2	9.1	9.4	10.0	10.1	10.7	
150													
170													
190													
206													
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	4x	4x	4x	3x	6x	5x	4x	5x	4x	4x	4x	4x

T: T



ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10													
12													
14													
16													
18													
20													
25	73.0	67.7	67.8	61.5	58.9								
30	67.4	62.4	63.3	56.8	54.7	44.2	92.2	82.4	74.3	81.3	75.8	68.6	
35	62.5	57.7	59.0	52.6	50.8	41.6	85.2	77.4	68.5	76.4	70.0	63.8	
40	58.2	53.5	54.7	49.0	47.4	39.0	76.4	73.0	63.3	72.1	64.8	59.4	
45	54.4	49.8	50.9	45.6	44.0	36.5	65.4	67.7	58.7	68.0	60.2	55.4	
50	50.8	46.4	47.3	42.4	40.7	34.1	56.6	59.2	54.5	60.1	56.0	51.9	
60	44.3	40.1	40.8	36.8	34.9	30.0	43.4	45.9	46.6	46.8	47.7	45.8	
70	39.3	35.1	35.6	32.5	30.3	26.3	34.0	36.5	37.1	37.3	38.3	38.8	
80	33.7	30.9	31.3	28.9	26.5	23.2	27.0	29.4	30.1	30.3	31.1	31.7	
90	27.5	27.5	27.9	25.9	23.5	20.5	21.5	23.6	24.1	24.3	25.1	25.6	
100	22.7	23.2	23.9	23.5	20.9	18.1	16.7	18.8	19.3	19.5	20.3	20.8	
110	18.9	19.4	20.0	20.4	18.8	16.1	12.9	14.9	15.5	15.6	16.4	16.9	
120	15.7	16.2	16.8	17.2	17.0	14.4	9.9	11.8	12.3	12.5	13.3	13.8	
130	13.2	13.6	14.2	14.6	14.8	13.0	7.7	9.4	9.8	10.0	10.7	11.2	
140	11.2	11.5	12.2	12.5	12.7	11.7	5.7	7.6	8.1	8.3	8.9	9.3	
150						10.7	4.0	5.9	6.4	6.6	7.3	7.8	
170													
190													
206													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	4x	3x	3x	3x	3x	2x	5x	4x	4x	4x	4x	3x

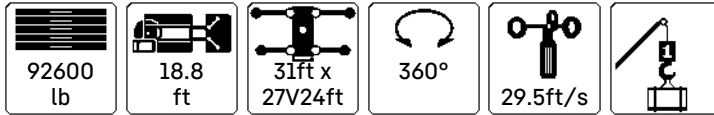
T: T












ft	x1000lb												
	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3	
10													
12													
14													
16													
18													
20													
25													
30	66.6	70.1	64.9	59.0	60.0	56.2	52.9	76.6	70.9	72.5	63.6	63.7	
35	62.2	65.2	60.8	55.3	56.5	52.5	49.7	73.4	66.2	67.7	59.9	59.7	
40	58.3	60.7	57.1	51.8	52.9	49.1	46.7	69.8	61.8	63.4	56.7	55.8	
45	54.8	56.7	53.8	48.6	49.6	46.1	43.7	65.3	57.8	59.3	53.6	52.1	
50	51.7	53.1	50.8	45.8	46.7	43.3	41.0	56.8	54.2	55.6	50.8	48.8	
60	45.8	46.9	45.1	40.4	41.2	38.2	35.9	44.1	44.3	45.4	45.4	43.0	
70	39.2	39.5	39.9	35.3	36.1	33.8	31.4	34.8	35.1	36.1	36.9	37.1	
80	32.1	32.4	32.7	31.1	31.9	30.3	27.9	28.0	28.2	29.3	30.0	30.2	
90	25.9	26.2	26.5	27.2	27.8	27.3	24.9	22.7	22.9	23.9	24.6	24.8	
100	21.1	21.4	21.6	22.4	23.0	23.1	22.4	18.0	18.2	19.1	19.7	19.9	
110	17.2	17.5	17.7	18.4	19.0	19.2	20.0	14.1	14.3	15.2	15.8	16.0	
120	14.1	14.3	14.5	15.3	15.8	16.0	16.8	11.0	11.2	12.1	12.6	12.8	
130	11.5	11.8	11.9	12.7	13.2	13.4	14.2	8.7	8.9	9.6	10.1	10.2	
140	9.5	9.7	9.8	10.5	11.1	11.2	12.0	6.9	7.1	7.9	8.3	8.5	
150	8.1	8.3	8.4	9.0	9.4	9.6	10.3	5.1	5.3	6.2	6.7	6.9	
170													
190													
206													

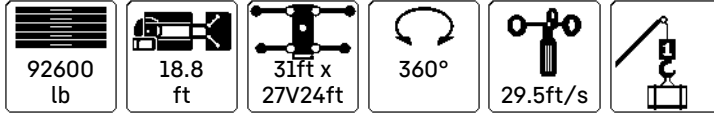
%	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
%	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
%	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
%	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
%	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
%	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
%	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
%	EST1	3x	4x	3x	3x	3x	3x	3x	4x	4x	4x	3x	3x

T: T



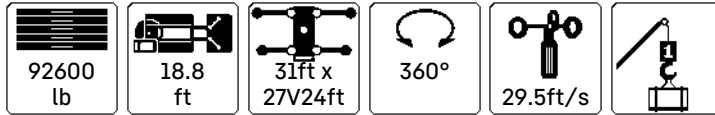
	ft	x1000lb											
		172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	62.7	65.1	56.7	55.3	57.6	51.9						
	35	59.2	60.9	53.6	51.9	54.8	49.0	47.4	61.4	62.9	56.9	56.4	58.2
	40	56.0	56.9	50.6	48.9	51.8	46.3	44.8	58.5	60.0	53.8	53.7	55.0
	45	53.0	53.2	47.8	46.2	48.8	43.6	42.3	55.3	56.7	50.7	51.2	51.8
	50	50.4	49.8	45.2	43.6	46.2	41.1	40.0	52.3	53.7	47.8	49.0	48.9
	60	45.3	44.0	40.7	39.2	41.5	36.7	35.7	42.0	43.0	42.7	44.2	43.6
	70	37.7	37.8	36.2	35.0	37.0	32.5	31.7	33.2	34.2	35.1	35.3	35.7
	80	30.8	30.8	31.9	31.6	32.5	29.1	28.4	26.5	27.5	28.4	28.6	28.9
	90	25.2	25.3	26.4	26.4	27.0	26.1	25.6	21.3	22.3	23.2	23.4	23.7
	100	20.4	20.4	21.5	21.5	22.1	22.8	22.9	17.1	17.9	18.8	18.9	19.3
	110	16.5	16.5	17.6	17.6	18.2	18.9	19.1	13.3	14.1	15.0	15.0	15.4
	120	13.3	13.4	14.5	14.5	15.0	15.7	15.9	10.2	10.9	11.8	11.9	12.3
	130	10.7	10.8	11.8	11.8	12.4	13.1	13.3	8.0	8.7	9.4	9.4	9.8
	140	8.8	8.9	9.8	9.7	10.2	10.9	11.1	6.0	6.8	7.6	7.7	8.0
	150	7.3	7.4	8.3	8.3	8.7	9.3	9.4	4.3	5.1	5.9	6.0	6.4
	170									2.2	3.1	3.2	3.6
	190												
	206												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x

T: T



		x1000lb											
	ft	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	52.2	50.8	52.0	48.0	45.0	36.6						44.8
	40	49.6	48.4	49.5	45.5	42.8	35.2	50.4	51.5	47.2	46.6	47.5	42.9
	45	47.2	46.1	47.1	43.2	40.8	33.6	48.1	49.2	45.2	44.6	45.5	41.0
	50	44.8	43.7	44.6	40.9	38.8	32.0	45.7	46.8	43.3	42.5	43.3	39.2
	60	40.7	39.0	39.8	36.9	35.2	29.0	41.0	41.7	39.6	38.3	39.1	35.8
	70	36.5	34.9	35.7	33.3	31.7	26.3	32.8	33.4	34.2	34.1	34.8	32.8
	80	29.8	30.0	30.6	29.9	28.7	23.6	26.3	26.8	27.6	28.2	28.7	29.1
	90	24.6	24.8	25.4	25.8	26.1	21.0	21.3	21.8	22.6	23.2	23.7	24.1
	100	20.2	20.4	21.0	21.4	22.5	18.7	17.3	17.8	18.5	19.1	19.6	20.0
	110	16.3	16.6	17.0	17.5	18.5	16.7	13.6	14.1	14.9	15.5	15.9	16.3
	120	13.1	13.4	13.9	14.3	15.3	14.9	10.5	11.0	11.8	12.3	12.8	13.1
	130	10.5	10.8	11.3	11.7	12.7	13.3	8.4	8.7	9.4	9.9	10.3	10.5
	140	8.7	8.9	9.3	9.6	10.5	11.2	6.5	7.0	7.6	8.1	8.4	8.7
	150	7.2	7.4	7.8	8.1	8.9	9.5	4.8	5.2	6.0	6.6	6.9	7.2
	170	4.4	4.7	5.2	5.6	6.5	7.1		2.3	3.2	3.7	4.2	4.4
	190												2.2
	206												
	% 1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	% 2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	% 3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	% 4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	% 5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	% 6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	% 7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	% EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	3x	2x

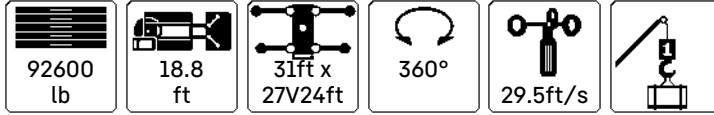
T: T



ft	x1000lb											
	199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5
10												
12												
14												
16												
18												
20												
25												
30												
35	43.4											
40	41.7	40.7	41.6	43.4	42.0	39.3	38.7	30.8				
45	39.9	39.0	40.9	42.6	41.4	38.0	37.5	30.0	35.9	34.8	34.6	33.5
50	38.1	37.3	39.8	41.1	40.5	36.6	36.1	29.0	35.0	34.2	33.8	32.9
60	35.0	34.3	36.5	37.6	37.3	33.9	33.5	27.0	32.7	32.2	31.6	31.1
70	31.9	31.3	32.7	32.9	33.2	31.4	30.9	25.1	30.5	30.0	29.6	29.0
80	29.0	28.6	26.5	26.7	27.0	28.0	28.2	22.9	26.1	26.5	26.1	26.3
90	25.0	25.2	21.6	21.8	22.1	23.1	23.6	20.6	21.4	21.7	21.4	21.8
100	20.9	21.1	17.7	17.9	18.2	19.1	19.7	18.6	17.6	18.0	17.6	18.0
110	17.2	17.5	14.5	14.6	14.9	15.8	16.4	16.8	14.5	14.9	14.6	14.9
120	14.1	14.3	11.4	11.5	11.8	12.8	13.3	14.2	11.8	12.1	11.9	12.2
130	11.4	11.7	9.0	9.2	9.4	10.1	10.7	11.6	9.4	9.6	9.5	9.7
140	9.4	9.6	7.3	7.4	7.6	8.4	8.8	9.5	7.6	7.8	7.7	8.0
150	7.9	8.1	5.7	5.8	6.1	6.9	7.3	8.0	6.1	6.3	6.2	6.4
170	5.3	5.5	2.8	3.0	3.2	4.1	4.6	5.5	3.3	3.5	3.5	3.7
190	3.1	3.3					2.4	3.3				
206												

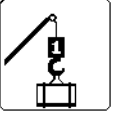
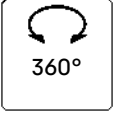
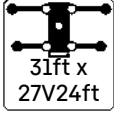
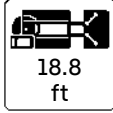
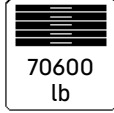
1%	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
2%	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
3%	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
5%	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
6%	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
7%	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
EST1		2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x

T: T



		x1000lb																
	ft	230.2	237.3	237.3	243.2	243.2	246.1	246.1										
	10																	
	12																	
	14																	
	16																	
	18																	
	20																	
	25																	
	30																	
	35																	
	40																	
	45	28.1	28.2	27.3		25.8		25.1										
	50	27.4	27.6	26.8	26.1	25.4	25.5	24.8										
	60	25.9	26.0	25.4	24.7	24.2	24.2	23.7										
	70	24.1	24.4	23.9	23.2	22.8	22.8	22.3										
	80	22.3	22.7	22.3	21.6	21.3	21.3	21.0										
	90	20.4	20.8	20.7	19.9	19.8	19.7	19.5										
	100	18.6	17.4	17.8	17.0	17.3	16.6	17.0										
	110	15.9	14.4	14.8	14.0	14.4	13.7	14.0										
	120	13.2	11.9	12.2	11.5	11.9	11.2	11.6										
	130	10.7	9.6	9.9	9.4	9.6	9.1	9.4										
	140	8.8	7.8	8.1	7.6	7.9	7.3	7.7										
	150	7.3	6.3	6.6	6.0	6.3	5.7	6.1										
	170	4.7	3.6	3.9	3.4	3.7	3.2	3.5										
	190	2.5																
	206																	
	1	45+	90+	90+	90+	90+	100+	100+										
	2	100+	90+	90+	100+	100+	100+	100+										
	3	100+	90+	90+	100+	100+	100+	100+										
	4	100+	100+	100+	100+	100+	100+	100+										
	5	100+	100+	100+	100+	100+	100+	100+										
	6	100+	100+	100+	100+	100+	100+	100+										
	7	100+	100+	100+	100+	100+	100+	100+										
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x										

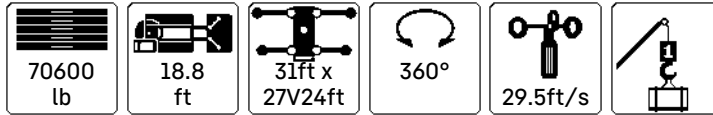
T: T



		x1000lb											
ft		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
12		129.6	128.0										
14		119.8	118.6	234.0	200.2	179.8	179.4	125.9	118.2	119.3	98.4		
16		111.3	110.3	228.8	201.4	180.9	180.5	117.4	111.3	112.2	92.7	77.8	200.7
18		103.5	102.6	211.8	202.7	182.1	178.2	109.8	105.0	105.9	87.4	73.3	201.8
20		96.5	95.8	191.3	195.1	183.5	170.8	103.1	99.3	100.2	82.4	69.1	183.2
25		82.4	82.1	140.1	146.2	150.4	150.3	89.2	86.7	87.5	71.4	60.1	135.8
30		71.4	71.5	106.5	112.3	116.4	120.0	77.9	76.5	77.4	62.6	52.8	104.7
35		63.1	63.4	84.4	89.9	93.8	97.2	68.5	67.9	69.1	54.9	47.1	83.8
40		56.1	56.6	68.5	73.8	77.7	80.9	61.1	60.8	62.5	48.8	42.1	68.8
45		50.6	51.2	56.8	61.9	65.6	68.8	54.9	54.8	56.8	43.7	38.0	57.5
50		46.0	46.6	47.7	52.7	56.1	59.0	49.9	49.9	52.2	39.5	34.4	48.7
60		38.8	39.6	33.4	37.7	40.8	43.4	41.8	42.1	44.7	32.9	29.0	35.8
70		33.1	34.4	23.6	27.8	30.8	33.3	33.8	34.8	35.3	28.0	24.7	25.9
80				16.8	20.9	23.8	26.3	26.8	27.8	28.3	24.3	21.6	19.0
90												19.2	14.0
100													10.4
110													
120													
130													
140													
150													
170													
183													

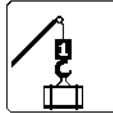
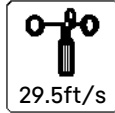
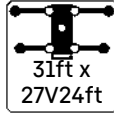
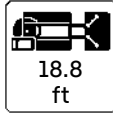
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	6x	6x	11x	10x	9x	9x	6x	6x	6x	5x	4x	10x

T: T



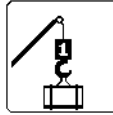
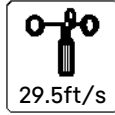
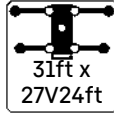
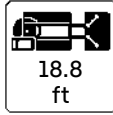
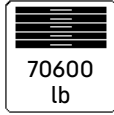
		x1000lb											
	ft	107.5	107.5	107.5	107.7	107.8	107.3	107.5	120.5	120.5	120.7	120.9	120.5
	10												
	12												
	14												
	16	180.1		125.4	114.7		111.7						
	18	181.1	178.3	118.2	109.1	90.3	107.1	86.1	176.4				106.2
	20	181.8	171.0	111.4	103.3	85.5	102.0	82.1	172.9	168.1	109.5	93.4	102.1
	25	140.9	145.2	97.1	91.2	75.5	91.1	73.2	131.5	136.5	97.6	83.0	92.3
	30	109.5	113.6	85.8	81.4	67.2	81.8	65.4	102.6	107.2	87.6	74.5	84.1
	35	88.4	92.2	76.5	73.0	60.0	74.0	58.7	82.8	87.2	79.2	67.5	77.1
	40	73.2	76.9	68.4	65.7	53.8	67.2	52.7	68.5	72.8	72.2	61.3	70.8
	45	61.8	65.4	61.7	59.7	48.8	61.7	47.9	57.8	61.9	64.0	55.5	64.8
	50	52.9	56.4	56.0	54.7	44.6	57.0	43.8	49.3	53.3	55.4	50.8	57.1
	60	39.5	42.5	43.2	44.2	37.5	45.3	37.1	36.8	40.7	42.7	42.9	44.2
	70	29.4	32.4	33.1	34.0	31.9	35.1	32.0	27.8	31.1	32.8	33.6	34.2
	80	22.5	25.3	26.0	26.9	27.6	27.9	28.1	20.8	24.1	25.7	26.5	27.0
	90	17.4	20.2	20.8	21.7	22.5	22.7	23.8	15.7	18.9	20.5	21.2	21.8
	100	13.7	16.5	16.9	17.8	18.6	18.8	19.9	11.8	14.9	16.4	17.2	17.7
	110								8.9	11.8	13.2	14.0	14.5
	120												
	130												
	140												
	150												
	170												
	183												
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	9x	9x	6x	6x	4x	5x	4x	8x	8x	5x	5x	5x

T: T



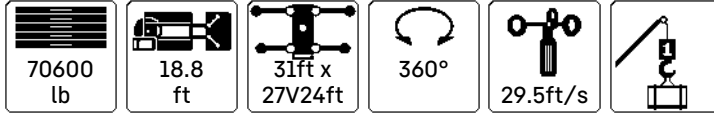
ft	x1000lb												
	120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7	
10													
12													
14													
16													
18													
20	95.4	83.8	81.4	71.5									
25	84.5	75.3	73.8	64.0	54.9	127.4	112.3	91.4	92.6	89.5	81.5	83.2	
30	75.5	68.1	67.1	57.7	49.9	100.6	100.0	82.6	85.1	82.5	74.3	75.5	
35	68.1	62.1	61.0	52.0	45.2	82.0	82.8	75.2	78.8	75.4	68.0	68.9	
40	61.7	56.5	55.5	47.0	41.0	68.4	69.1	68.8	72.2	68.8	62.7	63.3	
45	55.8	51.6	50.6	42.6	37.4	57.9	58.7	61.0	62.1	62.5	57.9	58.4	
50	50.9	47.5	46.6	39.1	34.1	49.8	50.5	52.8	53.9	54.2	53.2	53.6	
60	42.8	40.8	39.9	33.2	28.9	37.7	38.4	40.6	41.7	42.0	42.3	43.2	
70	34.5	35.1	34.7	28.5	24.7	29.2	29.9	31.9	32.9	33.2	33.4	34.2	
80	27.3	27.9	28.7	25.0	21.4	22.5	23.0	24.8	25.7	26.0	26.3	27.0	
90	22.0	22.6	23.4	22.1	18.7	17.3	17.8	19.6	20.5	20.7	21.0	21.7	
100	18.0	18.5	19.3	19.5	16.5	13.1	13.6	15.4	16.3	16.5	16.8	17.5	
110	14.8	15.3	16.1	16.2	14.7	10.0	10.4	12.1	13.0	13.3	13.5	14.2	
120					13.3	7.8	8.3	9.6	10.4	10.7	10.8	11.5	
130													
140													
150													
170													
183													
%	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
%	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
%	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
%	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
%	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
%	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
%	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	5x	4x	4x	4x	3x	6x	5x	5x	5x	4x	4x	4x

T: T



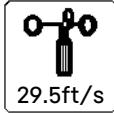
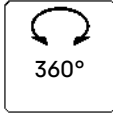
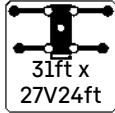
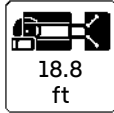
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9
	10												
	12												
	14												
	16												
	18												
	20												
	25	70.3	73.7	70.7	62.5	115.9	108.3	88.4	91.8	89.2	87.3	77.0	78.6
	30	63.9	67.5	65.0	57.2	94.5	95.9	81.2	85.1	83.2	81.4	70.9	72.4
	35	58.3	62.1	59.6	52.6	77.1	78.4	74.7	79.2	77.7	75.2	65.2	66.6
	40	53.5	57.3	54.6	48.3	64.2	65.6	68.5	68.2	69.0	69.1	60.1	61.4
	45	49.2	53.0	50.1	44.4	54.4	55.6	58.5	58.2	59.0	59.9	55.7	56.9
	50	45.0	48.9	45.8	40.8	46.6	47.8	50.6	50.4	51.1	52.0	51.5	52.6
	60	38.3	42.4	38.9	35.2	34.9	36.2	38.9	38.6	39.3	40.2	40.3	41.1
	70	33.0	35.0	33.3	30.7	26.8	28.0	30.6	30.4	31.0	31.9	32.0	32.7
	80	27.4	27.9	28.1	27.1	20.7	21.8	24.3	24.0	24.6	25.4	25.5	26.1
	90	22.1	22.5	22.8	23.7	15.6	16.6	18.9	18.7	19.2	19.9	20.0	20.7
	100	17.8	18.3	18.5	19.4	11.5	12.5	14.7	14.5	15.0	15.7	15.8	16.4
	110	14.5	15.0	15.2	16.1	8.6	9.4	11.4	11.2	11.7	12.4	12.5	13.1
	120	11.9	12.4	12.6	13.4	6.2	7.1	9.0	8.9	9.2	9.8	9.9	10.5
	130					4.2	5.1	7.2	7.1	7.5	8.1	8.2	8.7
	140					2.7	3.5	5.6	5.5	5.9	6.6	6.6	7.3
	150												
	170												
	183												
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	4x	4x	4x	3x	6x	5x	4x	5x	4x	4x	4x	4x

T: T



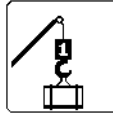
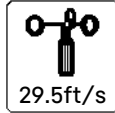
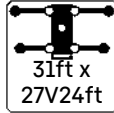
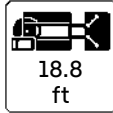
		x1000lb											
ft		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	66.6	70.1	64.9	59.0	60.0	56.2	52.9	76.6	70.9	72.5	63.6	63.7
	35	62.2	65.2	60.8	55.3	56.5	52.5	49.7	72.7	66.2	67.7	59.9	59.7
	40	58.3	60.7	57.1	51.8	52.9	49.1	46.7	61.5	60.9	62.3	56.7	55.8
	45	54.8	56.7	53.8	48.6	49.6	46.1	43.7	52.4	52.7	53.8	53.3	52.1
	50	50.2	50.5	50.3	45.8	46.7	43.3	41.0	45.1	45.4	46.5	47.2	47.5
	60	38.8	39.1	39.5	40.2	40.9	38.2	35.9	34.3	34.6	35.6	36.4	36.6
	70	30.7	31.1	31.4	32.2	32.9	33.1	31.4	26.5	26.7	27.8	28.5	28.7
	80	24.7	25.0	25.3	26.1	26.8	27.0	27.7	20.6	20.9	21.9	22.6	22.9
	90	19.5	19.8	20.0	20.8	21.4	21.5	22.4	16.1	16.4	17.4	18.0	18.2
	100	15.3	15.6	15.8	16.6	17.1	17.3	18.1	12.2	12.4	13.3	13.9	14.1
	110	12.0	12.3	12.5	13.2	13.8	13.9	14.8	9.1	9.3	10.0	10.6	10.8
	120	9.5	9.7	9.8	10.5	11.1	11.2	12.1	7.0	7.2	7.9	8.3	8.5
	130	7.7	7.9	8.1	8.7	9.1	9.2	9.9	4.9	5.1	6.0	6.5	6.7
	140	6.1	6.4	6.5	7.2	7.6	7.7	8.4	3.1	3.4	4.2	4.7	4.9
	150	4.7	5.0	5.1	5.8	6.3	6.5	7.2			2.7	3.2	3.4
	170												
	183												
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	ESTL	3x	4x	3x	3x	3x	3x	3x	4x	4x	4x	3x	3x

T: T



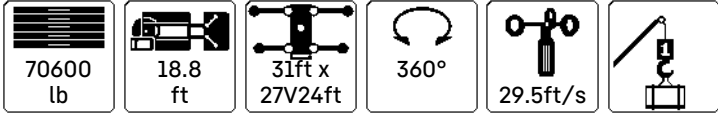
ft	x1000lb												
	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4	
10													
12													
14													
16													
18													
20													
25													
30													
35	52.2	50.8	52.0	48.0	45.0	36.6							44.8
40	49.6	48.4	49.5	45.5	42.8	35.2	50.4	51.5	47.2	46.6	47.5	42.9	
45	47.2	46.1	47.1	43.2	40.8	33.6	47.8	48.7	45.2	44.6	45.5	41.0	
50	44.8	43.7	44.6	40.9	38.8	32.0	42.5	43.1	43.2	42.5	43.3	39.2	
60	36.1	36.4	37.1	36.9	35.2	29.0	32.3	32.8	33.7	34.3	34.9	35.1	
70	28.5	28.9	29.5	30.0	31.1	26.3	25.0	25.5	26.4	27.0	27.6	28.0	
80	22.8	23.1	23.7	24.2	25.3	23.6	19.4	19.9	20.8	21.4	21.9	22.4	
90	18.4	18.7	19.2	19.6	20.7	21.0	15.1	15.6	16.5	17.1	17.7	18.1	
100	14.4	14.6	15.1	15.6	16.6	17.4	11.6	12.1	13.0	13.6	14.0	14.4	
110	11.1	11.3	11.8	12.2	13.3	14.1	8.7	9.1	9.8	10.3	10.7	11.1	
120	8.7	8.9	9.3	9.7	10.6	11.4	6.4	6.9	7.6	8.1	8.5	8.7	
130	6.9	7.1	7.5	7.9	8.7	9.3	4.4	4.9	5.8	6.3	6.7	6.9	
140	5.3	5.6	6.0	6.4	7.2	7.8	2.5	3.2	4.1	4.6	5.1	5.3	
150	3.8	4.0	4.5	4.9	5.9	6.5			2.4	3.1	3.6	3.8	
170				2.5	3.5	4.2							
183						3.0							
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	3x	2x

T: T



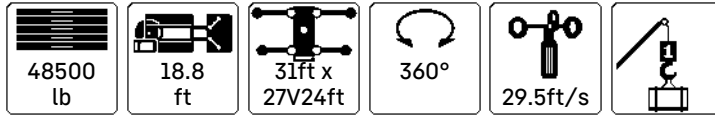
ft	x1000lb												
	199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5	
10													
12													
14													
16													
18													
20													
25													
30													
35	43.4												
40	41.7	40.7	41.6	43.4	42.0	39.3	38.7	30.8					
45	39.9	39.0	40.9	42.6	41.4	38.0	37.5	30.0	35.9	34.8	34.6	33.5	
50	38.1	37.3	39.8	41.1	40.5	36.6	36.1	29.0	35.0	34.2	33.8	32.9	
60	35.0	34.3	32.1	32.3	32.7	33.3	33.4	27.0	31.3	31.4	31.0	30.8	
70	28.9	29.2	25.1	25.3	25.6	26.6	27.1	25.1	24.6	25.0	24.6	24.9	
80	23.3	23.5	19.8	20.0	20.3	21.3	21.8	22.4	19.6	20.0	19.6	20.0	
90	19.0	19.2	15.7	15.9	16.2	17.1	17.7	18.4	15.6	15.9	15.6	16.0	
100	15.3	15.6	12.3	12.5	12.8	13.8	14.3	15.1	12.4	12.7	12.4	12.7	
110	12.0	12.2	9.5	9.6	9.9	10.7	11.2	12.1	9.7	10.0	9.8	10.1	
120	9.5	9.7	7.2	7.4	7.7	8.4	8.9	9.6	7.5	7.9	7.6	7.9	
130	7.7	7.9	5.2	5.4	5.7	6.6	7.1	7.8	5.6	5.9	5.7	6.1	
140	6.2	6.4	3.5	3.7	4.0	5.1	5.6	6.3	3.9	4.2	4.0	4.4	
150	4.7	5.0			2.4	3.5	4.1	5.0	2.3	2.7	2.4	2.9	
170		2.5						2.5					
183													
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x

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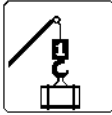
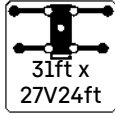
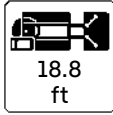
	ft	x1000lb												
		230.2	237.3	237.3	243.2	243.2	246.1	246.1						
	10													
	12													
	14													
	16													
	18													
	20													
	25													
	30													
	35													
	40													
	45	28.1	28.2	27.3		25.8		25.1						
	50	27.4	27.6	26.8	26.1	25.4	25.5	24.8						
	60	25.9	26.0	25.4	24.7	24.2	24.2	23.7						
	70	24.1	24.0	23.7	23.2	22.8	22.6	22.3						
	80	20.9	19.2	19.6	18.7	19.0	18.2	18.6						
	90	17.0	15.4	15.7	14.9	15.2	14.5	14.9						
	100	13.7	12.3	12.6	11.8	12.2	11.5	11.9						
	110	11.1	9.7	10.0	9.3	9.7	9.0	9.4						
	120	8.8	7.6	7.9	7.2	7.6	6.9	7.3						
	130	7.1	5.7	6.1	5.4	5.8	5.1	5.5						
	140	5.5	4.1	4.5	3.8	4.2	3.5	3.9						
	150	4.1	2.5	3.0		2.7		2.3						
	170													
	183													
	1	45+	90+	90+	90+	90+	100+	100+						
	2	100+	90+	90+	100+	100+	100+	100+						
	3	100+	90+	90+	100+	100+	100+	100+						
	4	100+	100+	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+	100+	100+						
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x						










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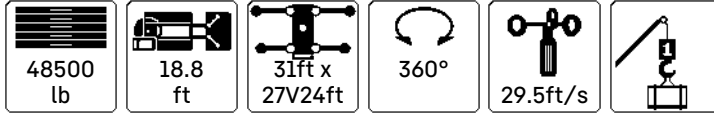
		x1000lb											
		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
ft													
10													
12													
14													
16													
18													
20		95.4	83.8	81.4	71.5								
25		84.5	75.3	73.8	64.0	54.9	101.5	102.4	91.4	92.6	89.5	81.5	83.2
30		75.5	68.1	67.1	57.7	49.9	79.4	80.2	81.9	83.9	82.1	74.3	75.5
35		68.1	62.1	61.0	52.0	45.2	64.0	64.8	67.2	68.5	68.9	67.7	68.7
40		60.9	56.5	55.5	47.0	41.0	52.8	53.5	55.9	57.0	57.4	57.7	58.7
45		52.0	51.4	50.6	42.6	37.4	44.2	44.9	47.2	48.3	48.7	49.0	49.9
50		44.8	45.5	46.1	39.1	34.1	37.5	38.2	40.4	41.5	41.9	42.2	43.1
60		34.2	34.9	35.9	33.2	28.9	27.5	28.2	30.4	31.4	31.8	32.1	33.0
70		26.2	26.8	27.6	27.8	24.7	20.5	21.2	23.3	24.3	24.6	24.9	25.7
80		20.1	20.7	21.5	21.7	21.4	15.1	15.7	17.5	18.4	18.7	18.9	19.6
90		15.6	16.2	16.9	17.1	17.4	10.7	11.2	13.0	13.9	14.2	14.4	15.1
100		12.1	12.7	13.5	13.6	13.9	7.8	8.2	9.7	10.4	10.7	10.9	11.6
110		9.6	10.1	10.8	11.0	11.2	5.4	5.9	7.5	8.2	8.4	8.6	9.1
120						9.2	3.4	3.9	5.5	6.4	6.7	6.8	7.4
130													
140													
150													
159													
%	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
%	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
%	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
%	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
%	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
%	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
%	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
n	EST1	5x	4x	4x	4x	3x	5x	5x	5x	5x	4x	4x	4x










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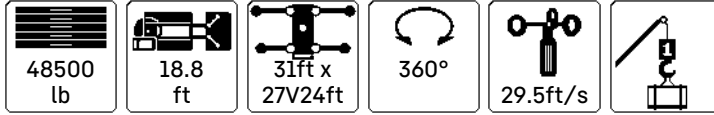
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9
	10												
	12												
	14												
	16												
	18												
	20												
	25	70.3	73.7	70.7	62.5	94.5	95.9	88.4	91.8	89.2	87.3	77.0	78.6
	30	63.9	67.5	65.0	57.2	74.0	75.4	78.5	78.3	79.1	80.0	70.9	72.4
	35	58.3	62.1	59.6	52.6	59.6	61.0	64.0	63.7	64.5	65.5	65.1	66.5
	40	53.5	57.3	54.6	48.3	49.0	50.3	53.3	53.0	53.8	54.7	54.8	55.7
	45	49.2	51.0	50.1	44.4	40.9	42.2	45.0	44.8	45.5	46.4	46.5	47.3
	50	43.5	44.1	44.4	40.8	34.5	35.7	38.5	38.3	39.0	39.9	40.0	40.8
	60	33.4	34.0	34.3	34.9	24.9	26.1	28.9	28.6	29.3	30.1	30.2	31.0
	70	26.2	26.7	26.9	27.9	18.1	19.3	22.0	21.8	22.4	23.3	23.3	24.1
	80	20.0	20.5	20.8	21.7	13.1	14.3	16.8	16.5	17.1	17.9	18.0	18.6
	90	15.5	16.0	16.2	17.1	9.2	10.1	12.3	12.1	12.6	13.4	13.4	14.1
	100	12.0	12.5	12.7	13.6	6.3	7.3	9.1	8.9	9.4	10.0	10.0	10.6
	110	9.4	9.8	10.0	10.8	3.7	4.8	6.9	6.8	7.2	7.7	7.8	8.3
	120	7.7	8.1	8.3	8.9		2.3	4.9	4.7	5.1	5.9	6.0	6.6
	130							3.1	3.0	3.4	4.2	4.3	4.9
	140										2.9	2.9	3.5
	150												
	159												
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	4x	4x	4x	3x	5x	5x	4x	5x	4x	4x	4x	4x

T: T



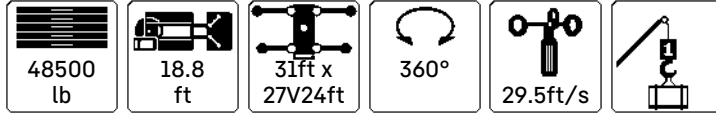
	ft	x1000lb											
		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
	10												
	12												
	14												
	16												
	18												
	20												
	25	73.0	67.7	67.8	61.5	58.9							
	30	67.4	62.4	63.3	56.8	54.7	44.2	70.3	73.3	73.9	74.3	75.4	68.6
	35	62.5	57.7	59.0	52.6	50.8	41.6	56.8	59.7	60.4	60.6	61.7	62.0
	40	56.3	53.5	54.7	49.0	47.4	39.0	46.8	49.5	50.2	50.5	51.5	52.1
	45	48.0	48.6	49.5	45.6	44.0	36.5	39.0	41.7	42.4	42.6	43.6	44.2
	50	41.4	42.0	42.9	42.3	40.7	34.1	32.8	35.4	36.1	36.3	37.3	37.9
	60	31.6	32.2	33.0	33.5	33.8	30.0	23.6	26.1	26.8	27.0	27.9	28.5
	70	24.7	25.3	26.1	26.6	26.8	26.2	17.0	19.5	20.1	20.4	21.3	21.9
	80	19.1	19.7	20.3	20.8	21.0	21.3	12.2	14.6	15.2	15.4	16.3	16.9
	90	14.6	15.1	15.8	16.2	16.4	16.7	8.4	10.6	11.1	11.3	12.1	12.6
	100	11.1	11.6	12.3	12.7	12.9	13.2	5.4	7.7	8.2	8.3	8.9	9.3
	110	8.7	9.1	9.6	10.0	10.1	10.4	2.6	5.3	5.9	6.1	6.7	7.2
	120	7.0	7.3	7.8	8.2	8.3	8.5		3.0	3.8	4.0	4.7	5.2
	130	5.4	5.8	6.4	6.7	6.9	7.0					2.9	3.5
	140	4.1	4.4	5.0	5.4	5.6	5.8						
	150						4.6						
	159												
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	4x	3x	3x	3x	3x	2x	4x	4x	4x	4x	4x	3x

T: T



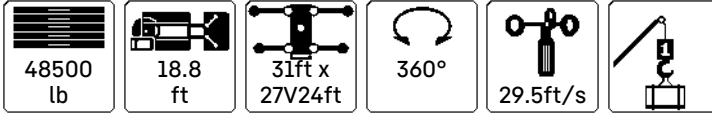
	ft	x1000lb											
		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
10													
12													
14													
16													
18													
20													
25													
30		66.6	70.1	64.9	59.0	60.0	56.2	52.9	69.5	69.7	71.0	63.6	63.7
35		62.2	62.9	60.8	55.3	56.5	52.5	49.7	56.6	56.9	58.1	58.5	58.7
40		52.5	52.9	53.3	51.8	52.9	49.1	46.7	47.1	47.3	48.5	49.3	49.5
45		44.6	45.0	45.3	46.2	47.0	46.1	43.7	39.5	39.8	40.9	41.7	41.9
50		38.3	38.7	39.0	39.9	40.7	40.8	41.0	33.5	33.7	34.9	35.6	35.9
60		28.9	29.3	29.6	30.5	31.2	31.4	32.4	24.6	24.8	25.9	26.7	26.9
70		22.2	22.6	22.9	23.7	24.5	24.6	25.6	18.1	18.4	19.4	20.2	20.4
80		17.2	17.6	17.8	18.7	19.3	19.5	20.4	13.3	13.6	14.6	15.3	15.6
90		12.9	13.2	13.5	14.2	14.8	14.9	15.8	9.6	9.9	10.8	11.5	11.7
100		9.6	9.9	10.1	10.7	11.3	11.5	12.3	6.6	6.9	7.9	8.5	8.6
110		7.4	7.6	7.8	8.4	8.9	9.0	9.7	4.2	4.5	5.5	6.2	6.4
120		5.5	5.8	6.0	6.6	7.1	7.2	7.9			3.5	4.2	4.4
130		3.8	4.1	4.2	5.0	5.5	5.7	6.4					2.3
140			2.5	2.7	3.5	4.1	4.2	5.1					
150					2.3	2.9	3.0	3.9					
159													
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	4x	3x	3x	3x	3x	3x	4x	4x	4x	3x	3x

T: T



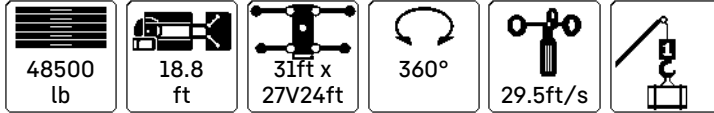
ft	x1000lb												
	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9	
10													
12													
14													
16													
18													
20													
25													
30	62.7	65.1	56.7	55.3	57.6	51.9							
35	59.2	59.6	53.6	51.9	54.8	49.0	47.4	53.6	54.7	55.8	56.0	56.5	
40	50.1	50.3	50.3	48.9	51.3	46.3	44.8	44.5	45.6	46.7	46.9	47.4	
45	42.6	42.7	44.0	44.0	44.7	43.6	42.3	37.3	38.4	39.5	39.6	40.1	
50	36.5	36.6	37.9	37.9	38.6	39.5	39.8	31.6	32.6	33.7	33.8	34.3	
60	27.5	27.6	28.9	28.9	29.5	30.4	30.7	22.9	23.9	24.9	25.1	25.6	
70	21.0	21.0	22.3	22.3	23.0	23.8	24.1	16.7	17.7	18.7	18.8	19.3	
80	16.1	16.2	17.5	17.4	18.1	19.0	19.2	12.0	13.0	14.0	14.1	14.6	
90	12.2	12.2	13.4	13.4	13.9	14.7	14.9	8.4	9.3	10.4	10.5	10.9	
100	9.0	9.1	10.0	10.0	10.5	11.2	11.4	5.5	6.4	7.4	7.5	8.0	
110	6.8	6.9	7.8	7.7	8.2	8.8	8.9	2.8	4.0	5.1	5.1	5.6	
120	4.9	4.9	6.0	5.9	6.4	7.0	7.1			2.8	3.0	3.6	
130	3.0	3.1	4.3	4.3	4.8	5.5	5.7						
140			2.7	2.7	3.3	4.0	4.2						
150						2.8	3.0						
159													
1%	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
1%	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
1%	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
1%	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
1%	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
1%	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
1%	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
EST1	EST1	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x


T: T











		x1000lb											
		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	ft												
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	52.2	50.8	52.0	48.0	45.0	36.6						44.8
	40	48.0	47.7	48.6	45.5	42.8	35.2	43.7	44.3	45.1	45.4	46.1	42.9
	45	41.2	41.5	42.2	42.7	40.8	33.6	36.8	37.4	38.4	39.1	39.8	40.2
	50	35.4	35.7	36.4	36.8	38.0	32.0	31.3	31.9	32.8	33.5	34.1	34.6
	60	26.6	26.9	27.5	28.0	29.4	29.0	22.9	23.4	24.4	25.1	25.7	26.1
	70	20.3	20.6	21.2	21.7	23.0	23.9	16.9	17.4	18.3	19.0	19.6	20.0
	80	15.6	15.9	16.5	17.0	18.3	19.2	12.2	12.8	13.7	14.4	14.9	15.3
	90	11.9	12.2	12.7	13.2	14.3	15.1	8.7	9.2	10.1	10.8	11.3	11.7
	100	8.9	9.1	9.5	9.9	10.9	11.6	5.8	6.3	7.3	7.9	8.4	8.8
	110	6.6	6.9	7.3	7.6	8.5	9.1	3.3	4.0	4.9	5.5	6.1	6.5
	120	4.6	4.9	5.5	5.8	6.7	7.3			2.6	3.6	4.1	4.5
	130	2.8	3.1	3.8	4.2	5.2	5.8						2.6
	140				2.5	3.7	4.5						
	150					2.2	3.2						
	159												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x	2x	2x

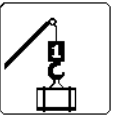
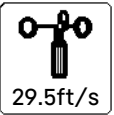
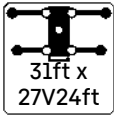
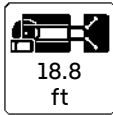
T: T



		x1000lb											
 ft		199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	43.4											
	40	41.7	40.7	41.5	43.3	42.0	39.3	38.7	30.8				
	45	39.7	39.0	36.7	37.0	37.4	37.4	37.3	30.0	34.7	34.5	33.9	33.5
	50	35.8	36.0	31.4	31.6	32.0	33.0	33.5	29.0	30.4	30.7	30.2	30.6
	60	27.2	27.5	23.3	23.5	23.9	24.9	25.4	26.0	22.8	23.1	22.7	23.1
	70	21.1	21.4	17.5	17.6	18.0	19.0	19.6	20.3	17.2	17.6	17.2	17.6
	80	16.4	16.7	13.0	13.2	13.5	14.6	15.2	15.9	13.1	13.4	13.1	13.5
	90	12.8	13.1	9.5	9.7	10.0	11.1	11.7	12.6	9.7	10.1	9.8	10.2
	100	9.6	9.8	6.7	6.8	7.2	8.3	8.9	9.7	7.0	7.3	7.1	7.5
	110	7.4	7.6	4.4	4.5	4.9	5.9	6.5	7.5	4.7	5.0	4.8	5.2
	120	5.6	5.8		2.2	2.6	3.9	4.6	5.6	2.4	3.0	2.6	3.2
	130	3.9	4.2					2.8	3.9				
	140		2.6						2.3				
	150												
	159												

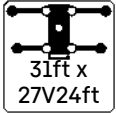
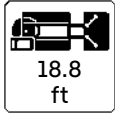
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	2x	2x	2x	3x!!	2x	2x	2x	2x	3x!!	2x	3x!!	2x

T: T



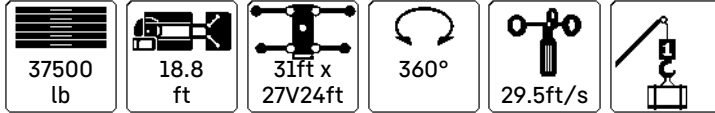
		x1000lb											
		ft											
		230.2	237.3	237.3	243.2	243.2	246.1	246.1					
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45		28.1	28.2	27.3		25.8		25.1					
50		27.4	27.5	26.8	26.1	25.4	25.5	24.8					
60		24.0	22.1	22.5	21.5	21.8	21.0	21.4					
70		18.6	16.8	17.2	16.3	16.7	15.9	16.3					
80		14.4	12.8	13.2	12.3	12.7	12.0	12.4					
90		11.2	9.7	10.0	9.2	9.6	8.9	9.3					
100		8.5	7.1	7.5	6.7	7.1	6.4	6.7					
110		6.4	4.9	5.2	4.6	5.0	4.2	4.7					
120		4.5	2.8	3.2	2.3	2.9		2.5					
130		2.6											
140													
150													
159													
<hr/>													
	1	45+	90+	90+	90+	90+	100+	100+					
	2	100+	90+	90+	100+	100+	100+	100+					
	3	100+	90+	90+	100+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+	100+					
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x					

T: T



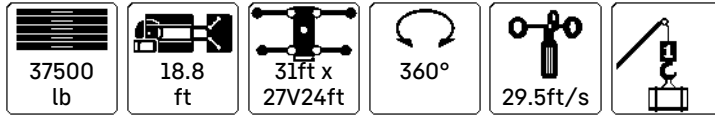
	ft	x1000lb											
		41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	295.4	269.5	208.0	233.8	220.3	199.9	179.1	177.2	267.7	201.9	265.6	246.3
	12	289.8	272.1	216.5	244.0	222.2	201.7	180.7	178.7	269.5	206.8	267.3	248.0
	14	263.2	261.2	226.2	251.8	224.5	203.7	182.5	177.8	257.6	213.5	259.2	249.9
	16	239.2	237.2	232.8	239.1	227.4	206.3	184.8	169.0	229.9	218.6	232.7	235.3
	18	216.5	212.1	214.3	215.6	216.7	208.8	187.4	158.0	188.6	192.1	193.4	197.1
	20	193.3	176.2	179.3	181.5	184.0	185.9	186.0	148.9	156.0	159.7	161.0	165.1
	25	132.8	116.4	119.3	121.4	123.7	125.6	127.4	128.1	104.3	107.6	108.6	112.3
	30	93.5	83.9	86.6	88.6	90.6	92.4	94.0	95.3	75.1	78.2	79.1	82.5
	35	67.7	63.4	65.7	67.4	69.2	70.8	72.1	73.1	56.5	59.3	60.2	63.4
	40		47.4	49.5	51.1	52.8	54.3	55.5	56.5	43.6	46.4	47.2	50.3
	45		36.3	38.3	40.0	41.6	43.0	44.2	45.1	33.7	36.1	36.8	39.6
	50				31.9	33.5	34.8	36.0		25.8	28.0	28.7	31.4
	60									15.0	17.2	17.9	20.4
	70												
	80												
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	154												
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	14x	13x	11x	12x	11x	10x	9x	9x	13x	11x	13x	12x

T: T



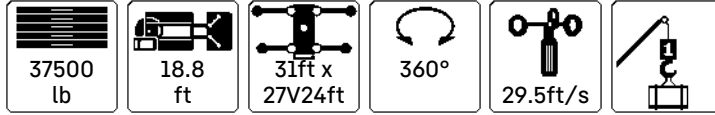
	ft	x1000lb											
		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
12	129.6	128.0											
14	119.8	118.6	234.0	200.2	179.8	179.4	125.9	118.2	119.3	98.4			
16	111.3	110.3	195.6	198.1	180.9	180.5	117.4	111.3	112.2	92.7	77.8	183.2	
18	103.5	102.6	163.1	170.3	174.2	174.5	109.8	105.0	105.9	87.4	73.3	153.3	
20	96.5	95.8	137.1	144.1	149.0	153.5	103.1	99.3	100.2	82.4	69.1	130.7	
25	82.4	82.1	95.4	101.7	106.1	110.0	89.2	86.7	87.5	71.4	60.1	93.2	
30	71.4	71.5	70.8	76.6	80.7	84.3	77.9	76.5	77.4	62.6	52.8	70.4	
35	63.1	63.4	54.6	60.1	64.1	67.5	68.1	67.7	68.8	54.9	47.1	55.0	
40	56.1	56.6	43.0	48.3	52.2	55.4	56.2	57.5	58.1	48.8	42.1	44.0	
45	49.0	50.2	34.4	39.6	43.3	46.4	47.2	48.4	49.1	43.7	38.0	35.7	
50	40.6	41.7	27.7	32.8	36.4	39.4	40.2	41.4	41.9	39.5	34.4	29.2	
60	28.9	30.0	18.1	22.6	25.7	28.3	28.9	29.9	30.4	30.7	29.0	19.9	
70	21.5	22.6	11.1	15.3	18.3	20.8	21.4	22.4	22.8	23.1	23.6	13.4	
80			6.2	10.2	13.1	15.6	16.1	17.1	17.5	17.8	18.1	8.4	
90											14.1	4.8	
100													
110													
120													
130													
140													
150													
154													
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	6x	6x	11x	10x	9x	9x	6x	6x	6x	5x	4x	9x

T: T



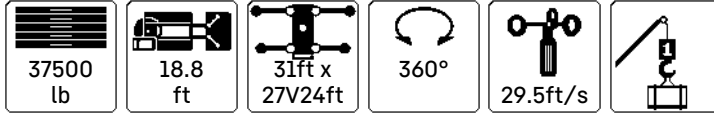
	ft	x1000lb											
		107.5	107.5	107.5	107.7	107.8	107.3	107.5	120.5	120.5	120.7	120.9	120.5
	10												
	12												
	14												
	16	180.1		125.4	114.7		111.7						
	18	159.3	164.6	118.2	109.1	90.3	107.1	86.1	145.0				106.2
	20	136.3	141.3	111.4	103.3	85.5	102.0	82.1	124.8	130.3	109.5	93.4	102.1
	25	98.4	102.8	97.1	91.2	75.5	91.1	73.2	90.8	95.8	96.6	83.0	92.3
	30	75.2	79.3	80.4	80.6	67.2	81.8	65.4	69.5	74.1	76.5	74.5	78.4
	35	59.6	63.5	64.5	65.7	60.0	67.2	58.7	55.0	59.4	61.6	62.7	63.5
	40	48.4	52.2	53.2	54.3	53.7	55.8	52.7	44.5	48.7	50.9	52.0	52.6
	45	40.0	43.6	44.6	45.8	46.9	47.1	47.9	36.5	40.6	42.8	43.8	44.5
	50	33.4	37.0	37.9	39.0	40.1	40.4	41.9	30.3	34.3	36.4	37.4	38.1
	60	23.9	27.3	28.1	29.1	30.0	30.2	31.5	21.1	25.0	27.0	28.0	28.6
	70	16.9	19.8	20.6	21.5	22.4	22.6	23.8	14.8	18.4	20.2	21.0	21.5
	80	11.6	14.4	15.1	16.0	16.9	17.1	18.3	9.8	13.0	14.7	15.5	16.0
	90	8.2	10.5	11.1	12.1	12.8	13.1	14.2	6.5	9.3	10.7	11.5	12.0
	100	5.5	8.2	8.6	9.3	9.9	10.1	11.2	3.4	6.8	8.1	8.7	9.2
	110									4.7	6.1	6.8	7.3
	120												
	130												
	140												
	150												
	154												
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	9x	8x	6x	6x	4x	5x	4x	7x	6x	5x	5x	5x

T: T



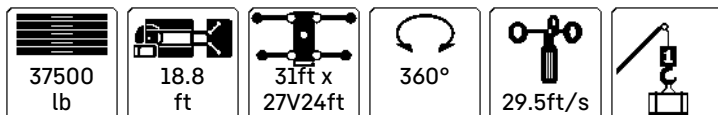
ft	x1000lb												
	134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9	
10													
12													
14													
16													
18													
20													
25	70.3	73.7	70.7	62.5	82.0	83.4	86.7	86.5	87.4	87.1	77.0	78.6	
30	63.9	67.5	65.0	57.2	63.7	65.0	68.2	68.0	68.8	69.7	69.8	70.8	
35	58.3	61.4	59.6	52.6	50.9	52.2	55.2	55.0	55.7	56.7	56.8	57.7	
40	51.3	51.9	52.3	48.3	41.4	42.7	45.6	45.4	46.1	47.0	47.1	48.0	
45	43.5	44.0	44.4	44.4	34.1	35.4	38.3	38.0	38.7	39.6	39.7	40.6	
50	37.3	37.9	38.2	39.4	28.4	29.7	32.5	32.2	32.9	33.8	33.9	34.7	
60	28.2	28.8	29.1	30.2	19.8	21.1	23.8	23.5	24.2	25.1	25.2	26.0	
70	21.7	22.2	22.5	23.4	13.8	15.0	17.7	17.4	18.1	18.9	19.0	19.8	
80	16.2	16.7	17.0	17.9	9.3	10.5	13.0	12.7	13.3	14.1	14.2	14.8	
90	12.2	12.7	12.9	13.8	6.0	7.1	9.2	9.0	9.5	10.1	10.2	10.8	
100	9.3	9.6	9.9	10.6	2.7	4.4	6.7	6.6	7.0	7.6	7.6	8.2	
110	7.3	7.7	7.9	8.6			4.5	4.3	4.8	5.5	5.6	6.2	
120	5.7	6.1	6.3	7.0			2.2		2.6	3.6	3.7	4.4	
130												2.7	
140													
150													
154													
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	4x	4x	4x	3x	4x	4x	4x	4x	4x	4x	4x	4x

T: T



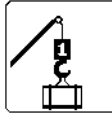
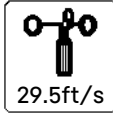
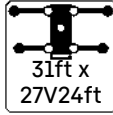
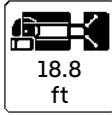
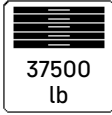
ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10													
12													
14													
16													
18													
20													
25	73.0	67.7	67.8	61.5	58.9								
30	67.4	62.4	63.3	56.8	54.7	44.2	60.3	63.3	64.0	64.3	65.4	66.0	
35	58.3	57.7	58.9	52.6	50.8	41.6	48.3	51.1	51.9	52.1	53.2	53.8	
40	48.7	49.3	50.2	49.0	47.4	39.0	39.3	42.1	42.8	43.0	44.1	44.7	
45	41.2	41.8	42.7	43.2	43.5	36.5	32.4	35.1	35.8	36.0	37.0	37.6	
50	35.3	35.9	36.8	37.3	37.6	34.1	26.9	29.5	30.1	30.4	31.4	32.0	
60	26.6	27.2	28.0	28.5	28.7	28.6	18.6	21.2	21.8	22.1	23.0	23.6	
70	20.4	21.0	21.8	22.2	22.5	22.5	12.8	15.2	15.9	16.1	17.0	17.6	
80	15.4	15.9	16.5	17.0	17.2	17.5	8.4	10.8	11.5	11.7	12.6	13.1	
90	11.3	11.8	12.5	12.9	13.1	13.4	5.0	7.5	8.1	8.3	9.1	9.5	
100	8.6	9.0	9.5	9.8	10.0	10.2		4.8	5.4	5.6	6.5	7.0	
110	6.6	7.0	7.5	7.8	8.0	8.2			2.9	3.2	4.3	4.9	
120	4.9	5.3	5.9	6.2	6.4	6.6						2.7	
130	3.3	3.8	4.4	4.8	5.0	5.2							
140		2.5	3.2	3.6	3.8	3.9							
150						2.8							
154						2.5							
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	4x	3x	3x	3x	3x	2x	3x	3x	3x	3x	3x	3x

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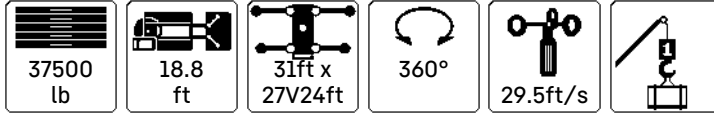
	ft	x1000lb											
		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	66.4	66.9	64.8	59.0	60.0	56.2	52.9	59.9	60.1	61.3	62.2	62.4
	35	54.2	54.6	55.0	55.2	56.2	52.5	49.7	48.3	48.6	49.8	50.6	50.9
	40	45.1	45.5	45.8	46.8	47.6	47.6	46.7	39.8	40.0	41.2	42.0	42.2
	45	38.0	38.4	38.7	39.6	40.4	40.6	41.7	33.1	33.3	34.4	35.2	35.5
	50	32.4	32.7	33.1	34.0	34.7	34.9	36.0	27.7	27.9	29.0	29.8	30.0
	60	24.0	24.3	24.6	25.5	26.2	26.4	27.4	19.7	20.0	21.0	21.8	22.0
	70	18.0	18.3	18.6	19.5	20.2	20.3	21.4	13.9	14.2	15.2	16.0	16.2
	80	13.5	13.8	14.1	14.9	15.5	15.7	16.6	9.6	9.9	10.9	11.6	11.9
	90	9.7	10.0	10.2	10.9	11.5	11.6	12.5	6.3	6.6	7.6	8.3	8.5
	100	7.2	7.5	7.6	8.2	8.7	8.8	9.5	3.4	3.8	4.9	5.6	5.9
	110	5.2	5.5	5.7	6.3	6.7	6.9	7.5			2.3	3.3	3.6
	120	3.2	3.6	3.8	4.5	5.1	5.2	5.9					
	130				2.8	3.5	3.7	4.5					
	140							3.2					
	150												
	154												
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x	3x

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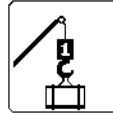
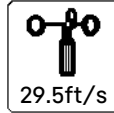
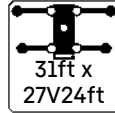
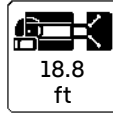
		x1000lb											
	ft	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	61.9	63.3	56.7	55.3	57.6	51.9						
	35	51.5	51.6	52.5	51.9	53.4	49.0	47.4	45.5	46.6	47.7	47.9	48.4
	40	42.9	43.0	44.3	44.4	45.1	45.4	44.8	37.4	38.5	39.6	39.7	40.3
	45	36.1	36.2	37.5	37.5	38.2	39.2	39.5	31.0	32.0	33.1	33.3	33.8
	50	30.6	30.7	32.1	32.1	32.8	33.7	33.9	25.9	26.9	28.0	28.1	28.6
	60	22.6	22.7	24.0	24.0	24.7	25.6	25.8	18.1	19.1	20.1	20.3	20.8
	70	16.8	16.8	18.1	18.1	18.8	19.7	19.9	12.6	13.6	14.6	14.7	15.2
	80	12.4	12.5	13.8	13.8	14.4	15.3	15.5	8.4	9.4	10.4	10.5	11.0
	90	9.1	9.1	10.1	10.1	10.6	11.4	11.6	5.2	6.1	7.1	7.2	7.7
	100	6.4	6.5	7.6	7.6	8.0	8.6	8.8		3.2	4.5	4.6	5.1
	110	4.2	4.3	5.6	5.5	6.1	6.6	6.8					2.6
	120			3.8	3.7	4.4	5.0	5.2					
	130					2.5	3.5	3.7					
	140												
	150												
	154												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	3x	3x	3x	3x	3x	3x	3x	2x	3x	3x	3x	3x










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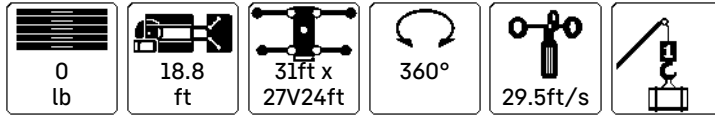
		x1000lb											
	ft	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	49.5	49.9	50.6	48.0	45.0	36.6						44.8
	40	41.3	41.7	42.4	42.9	42.8	35.2	36.8	37.4	38.4	39.1	39.8	40.2
	45	34.8	35.2	35.9	36.4	37.7	33.6	30.6	31.2	32.2	32.9	33.5	34.0
	50	29.6	30.0	30.6	31.1	32.5	32.0	25.7	26.2	27.2	27.9	28.5	29.0
	60	21.8	22.1	22.7	23.2	24.6	25.5	18.1	18.7	19.7	20.4	20.9	21.4
	70	16.2	16.5	17.1	17.6	18.9	19.8	12.8	13.3	14.3	15.0	15.5	15.9
	80	12.0	12.3	12.8	13.3	14.6	15.5	8.6	9.2	10.1	10.8	11.3	11.7
	90	8.7	9.0	9.6	10.0	11.0	11.8	5.5	6.0	6.9	7.6	8.1	8.5
	100	6.1	6.3	6.9	7.4	8.3	9.0	2.4	3.1	4.3	5.0	5.6	5.9
	110	3.8	4.2	4.8	5.2	6.4	7.0				2.5	3.2	3.7
	120			2.7	3.4	4.7	5.4						
	130					3.1	4.0						
	140						2.4						
	150												
	154												
	% 1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	% 2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	% 3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	% 4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	% 5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	% 6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	% 7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	ⁿ EST1	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x	2x	2x










T: T



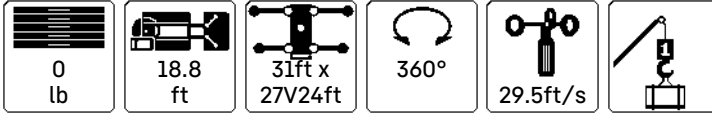
		x1000lb											
	ft	230.2	237.3	237.3	243.2	243.2	246.1	246.1					
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	28.1	28.0	27.3		25.8		25.1					
	50	26.2	24.4	24.8	23.6	24.0	23.1	23.3					
	60	19.8	18.0	18.3	17.3	17.7	16.9	17.3					
	70	14.9	13.2	13.6	12.7	13.1	12.3	12.7					
	80	11.2	9.6	10.0	9.2	9.5	8.8	9.2					
	90	8.3	6.8	7.1	6.4	6.8	6.1	6.4					
	100	5.8	4.2	4.7	3.9	4.4	3.6	4.1					
	110	3.7											
	120												
	130												
	140												
	150												
	154												
	1	45+	90+	90+	90+	90+	100+	100+					
	2	100+	90+	90+	100+	100+	100+	100+					
	3	100+	90+	90+	100+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+	100+					
	EST1	2x	3x!!	2x	3x!!	2x	3x!!	2x					

T: T



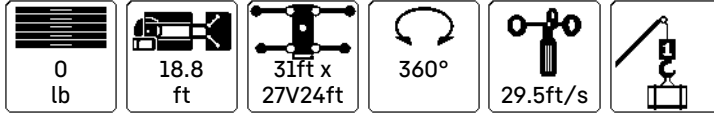
	ft	x1000lb											
		41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	295.4	269.5	208.0	233.8	220.3	199.9	179.1	177.2	267.7	201.9	265.6	246.3
	11	293.5	270.7	212.2	238.8	221.2	200.7	179.9	177.9	268.6	203.9	266.4	247.1
	12	281.8	271.6	216.5	244.0	222.2	201.7	180.7	178.7	242.8	206.8	247.4	244.6
	13	266.6	251.4	221.3	242.7	223.3	202.7	181.6	179.0	207.0	200.5	214.2	219.7
	14	246.9	211.3	211.2	219.2	215.6	203.7	182.5	177.8	173.5	178.6	180.7	186.3
	15	220.5	177.6	182.3	185.7	189.3	189.9	183.6	174.3	147.0	151.8	153.6	158.8
	16	186.4	151.2	155.4	158.7	162.0	164.8	167.2	167.5	126.7	131.1	132.7	137.7
	17	160.6	130.8	134.8	137.8	141.0	143.6	145.9	148.0	110.5	114.7	116.2	120.9
	18	140.0	115.1	118.8	121.5	124.5	126.8	129.0	131.3	97.4	101.4	102.8	107.4
	19	123.3	102.5	106.1	108.8	111.6	114.0	116.1	118.0	86.6	90.4	91.8	96.3
	20	109.7	91.3	94.7	97.2	99.9	102.1	104.2	106.1	77.6	81.3	82.6	86.9
	22	89.0	74.3	77.5	79.8	82.4	84.4	86.4	88.0	63.2	66.7	67.8	71.9
	24	74.1	61.5	64.5	66.8	69.1	71.1	72.9	74.4	52.3	55.7	56.7	60.6
	26	62.7	51.5	54.4	56.6	58.8	60.8	62.5	63.8	43.6	46.8	47.8	51.6
	28	53.8	43.7	46.4	48.5	50.7	52.5	54.1	55.5	36.6	39.7	40.7	44.3
	30	46.6	37.3	40.0	42.0	44.1	45.9	47.5	48.7	30.9	33.9	34.8	38.3
	32	39.6	31.9	34.5	36.5	38.6	40.3	41.9	43.1	26.0	29.0	29.8	33.2
	34	33.9	27.5	30.0	32.0	33.9	35.7	37.2	38.3	21.9	24.8	25.6	29.0
	36	29.2	23.7	26.2	28.1	30.0	31.7	33.1	34.3	18.4	21.2	22.0	25.3
	38		20.4	22.9	24.7	26.6	28.2	29.5	30.4	15.4	18.1	18.9	22.1
	40		17.6	19.9	21.6	23.2	24.7	25.9	26.9	12.7	15.4	16.2	19.4
	45		11.3	13.4	15.0	16.6	18.0	19.2	20.1	6.4	9.9	10.7	13.7
	50				10.3	11.9	13.2	14.4			4.7	5.7	9.5
	55											2.3	5.6
	60												2.4
	65												
	70												
	75												
	80												
	85												
	90												
	95												
	98												
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	14x	13x	11x	12x	11x	10x	9x	9x	13x	10x	13x	12x

T: T



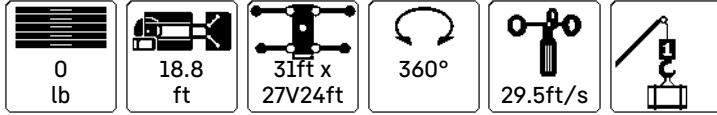
	ft	x1000lb											
		67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.4	81.2
	10	219.2	198.7	178.2	178.1	152.1	125.6						
	11	219.9	199.3	178.8	178.6	145.5	120.6	199.3	252.0	233.7	198.3	177.9	178.2
	12	220.7	200.0	179.4	179.2	139.4	115.9	200.7	213.8	219.8	198.9	178.4	178.8
	13	213.5	200.8	180.1	179.8	133.7	111.5	174.8	178.3	186.1	194.1	178.9	179.4
	14	192.2	190.3	179.7	180.5	128.4	107.3	149.2	152.4	159.7	168.1	170.2	171.8
	15	164.2	167.6	171.7	173.3	123.5	103.5	128.1	131.0	137.8	145.6	150.9	155.7
	16	142.7	145.9	149.7	153.6	119.0	99.9	111.7	114.4	121.1	128.7	133.9	138.3
	17	125.7	128.7	132.3	135.9	114.6	96.5	98.8	101.3	107.7	114.9	119.7	123.9
	18	111.9	114.9	118.5	121.6	110.8	93.3	87.8	90.2	96.3	103.1	107.7	111.8
	19	100.6	103.5	106.9	109.9	107.0	90.3	78.4	80.7	86.5	93.1	97.6	101.4
	20	91.0	93.8	97.1	100.0	100.3	87.4	70.5	72.8	78.5	85.0	89.3	93.0
	22	75.8	78.4	81.5	84.1	84.8	82.3	57.9	60.0	65.4	71.5	75.5	79.0
	24	64.3	66.9	69.8	72.3	72.8	72.5	48.0	50.0	55.2	61.0	65.0	68.2
	26	55.1	57.5	60.4	62.7	63.2	63.0	40.3	42.2	47.2	52.7	56.5	59.6
	28	47.7	50.0	52.8	55.0	55.5	55.3	34.0	35.9	40.7	46.1	49.8	52.8
	30	41.5	43.9	46.5	48.7	49.1	49.1	28.7	30.4	35.1	40.4	43.9	46.8
	32	36.4	38.7	41.3	43.4	43.8	43.8	24.1	25.8	30.4	35.6	39.0	41.8
	34	32.1	34.3	36.8	38.9	39.3	39.4	20.3	22.0	26.5	31.6	35.0	37.7
	36	28.4	30.5	33.0	35.0	35.4	35.6	17.1	18.7	23.1	28.1	31.4	34.1
	38	25.1	27.3	29.7	31.7	32.0	32.2	14.2	15.8	20.2	25.0	28.2	30.9
	40	22.3	24.4	26.8	28.7	29.1	29.3	11.6	13.2	17.5	22.3	25.5	28.1
	45	16.6	18.6	20.9	22.6	22.9	23.4	5.4	7.6	12.2	16.8	19.9	22.4
	50	12.1	13.9	15.9	17.5	17.7	18.2		2.8	8.0	12.6	15.6	18.0
	55	8.5	10.0	11.9	13.5	13.7	14.1			3.8	9.3	11.9	14.1
	60	5.4	7.4	9.1	10.4	10.6	11.0				6.6	9.1	10.9
	65						8.9				3.6	7.0	8.7
	70											4.8	7.1
	75											3.0	5.6
	80												
	85												
	90												
	95												
	98												
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	11x	10x	9x	9x	7x	6x	10x	12x	11x	10x	9x	9x

T: T



		x1000lb											
ft		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
11													
12		129.6	128.0										
13		124.6	123.1	156.4	166.1	170.8							
14		119.8	118.6	135.0	144.1	150.5	156.4	125.9	118.2	119.3	98.4		
15		115.4	114.3	118.2	126.7	132.7	138.2	121.5	114.7	115.6	95.6	80.2	110.2
16		111.3	110.3	105.0	113.1	118.7	124.0	117.0	111.3	112.2	92.7	77.8	98.6
17		107.3	106.4	93.7	101.6	107.2	112.1	110.8	108.1	109.0	90.0	75.5	88.7
18		103.5	102.6	84.3	91.8	97.1	101.9	103.0	102.6	103.5	87.4	73.3	80.4
19		99.8	99.0	75.9	83.1	88.3	92.8	93.9	95.5	96.6	84.8	71.1	73.6
20		93.3	94.7	69.1	76.2	81.2	85.6	86.7	88.3	89.2	82.4	69.1	67.0
22		79.9	81.7	57.4	64.2	69.0	73.1	74.2	75.7	76.6	76.7	65.2	56.7
24		69.1	70.7	48.5	54.9	59.5	63.5	64.4	65.9	66.8	67.3	61.7	48.5
26		60.4	62.0	41.3	47.5	51.9	55.7	56.7	58.1	58.9	59.4	57.8	41.8
28		53.6	55.1	35.3	41.3	45.6	49.3	50.2	51.6	52.4	52.9	52.4	36.2
30		47.6	49.1	30.3	36.1	40.3	43.9	44.8	46.2	46.9	47.4	47.0	31.5
32		42.6	44.0	26.1	31.9	35.9	39.4	40.3	41.6	42.4	42.8	42.5	27.4
34		38.4	39.9	22.4	28.1	32.1	35.5	36.4	37.7	38.4	38.8	38.7	23.9
36		34.8	36.2	19.3	24.8	28.8	32.1	33.0	34.3	35.0	35.4	35.3	20.9
38		31.6	33.0	16.5	21.9	25.8	29.1	29.9	31.2	31.9	32.3	32.3	18.3
40		28.8	30.1	14.0	19.4	23.2	26.4	27.3	28.6	29.2	29.6	29.6	15.9
45		23.1	24.4	8.9	14.2	17.9	21.1	21.9	23.1	23.7	24.1	24.2	11.0
50		18.6	19.8	4.1	10.2	13.8	16.9	17.6	18.9	19.4	19.8	20.0	6.9
55		14.6	15.7		6.8	10.6	13.5	14.3	15.4	15.9	16.2	16.6	3.1
60		11.4	12.4		3.4	8.0	10.5	11.1	12.2	12.7	13.0	13.4	
65		9.0	9.9			5.5	8.4	8.9	9.7	10.1	10.4	10.8	
70		7.4	8.2			3.2	6.7	7.1	8.0	8.3	8.5	8.9	
75		5.9	6.9				4.9	5.6	6.5	6.9	7.1	7.4	
80							3.1	3.8	5.2	5.7	5.9	6.2	
85								2.4	3.8	4.5	4.7	5.1	
90												3.9	
95												3.1	
98													
1%	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
2%	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
3%	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
4%	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
5%	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
6%	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
7%	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
EST1	EST1	6x	6x	8x	8x	8x	8x	6x	6x	6x	5x	4x	5x

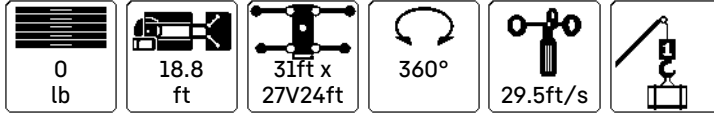
T: T



		x1000lb											
	ft	107.5	107.5	107.5	107.7	107.8	107.3	107.5	120.5	120.5	120.7	120.9	120.5
	10												
	11												
	12												
	13												
	14												
	15												
	16	105.1		112.2	112.1		111.7						
	17	95.1	100.5	101.9	103.4	92.8	105.2	88.3					
	18	86.5	91.8	93.1	94.6	90.3	96.6	86.1	76.9				87.9
	19	79.5	84.6	85.9	87.4	86.2	89.3	84.1	70.5	76.1	78.9	80.3	81.2
	20	72.8	77.7	79.0	80.4	81.9	82.3	81.9	64.8	70.4	73.1	74.5	75.3
	22	62.2	66.9	68.1	69.5	70.9	71.3	73.2	55.5	60.8	63.4	64.7	65.6
	24	53.8	58.3	59.5	60.8	62.2	62.5	64.4	47.9	53.0	55.5	56.8	57.6
	26	46.9	51.2	52.4	53.7	55.0	55.3	57.1	41.7	46.6	49.1	50.3	51.1
	28	41.2	45.4	46.5	47.8	49.0	49.4	51.1	36.5	41.2	43.6	44.8	45.6
	30	36.3	40.4	41.5	42.8	44.0	44.3	46.0	32.0	36.6	39.0	40.2	40.9
	32	32.2	36.2	37.3	38.5	39.7	40.0	41.7	28.2	32.7	35.1	36.2	36.9
	34	28.6	32.5	33.6	34.8	36.0	36.3	37.9	24.9	29.3	31.7	32.8	33.5
	36	25.5	29.3	30.4	31.6	32.7	33.0	34.6	22.0	26.4	28.6	29.7	30.4
	38	22.9	26.6	27.7	28.8	30.0	30.3	31.9	19.5	23.7	26.0	27.1	27.8
	40	20.4	24.1	25.1	26.3	27.4	27.7	29.3	17.2	21.4	23.6	24.7	25.4
	45	15.4	19.0	20.0	21.1	22.2	22.5	24.0	12.5	16.6	18.8	19.8	20.4
	50	11.4	15.0	15.9	17.0	18.1	18.4	19.9	8.8	12.8	14.9	15.9	16.6
	55	8.3	11.8	12.7	13.8	14.9	15.1	16.6	5.1	9.7	11.8	12.8	13.4
	60	5.3	9.2	10.1	11.1	12.1	12.3	13.6		7.2	9.3	10.2	10.9
	65	2.8	7.1	7.9	8.9	9.6	9.8	10.9		4.6	7.2	8.1	8.7
	70		4.9	6.1	7.2	7.9	8.0	9.0		2.5	5.1	6.3	6.9
	75		3.0	4.1	5.6	6.4	6.6	7.6			3.1	4.4	5.2
	80			2.5	3.8	5.1	5.3	6.3				2.7	3.5
	85				2.4	3.4	3.7	5.3					
	90						2.4	4.0					
	95							2.8					
	98							2.2					

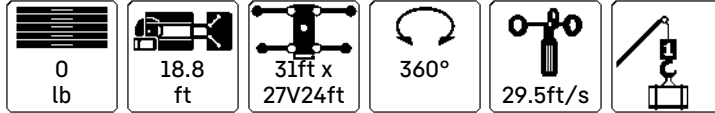
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	5x	5x	5x	5x	5x	5x	4x	4x	4x	4x	4x	4x

T: T



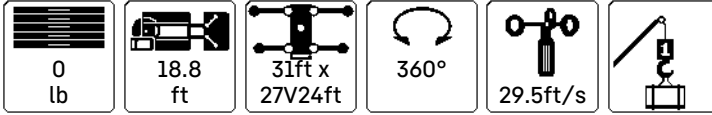
ft	x1000lb												
	134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.8	147.2	146.9	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22	62.1	62.8	63.3	64.6									
24	55.0	55.7	56.2	57.4	42.4	43.9	47.2	47.0	47.9	48.9			
26	48.9	49.6	50.1	51.3	37.2	38.6	42.0	41.7	42.5	43.6	43.7	44.7	
28	43.8	44.5	44.9	46.2	32.7	34.1	37.3	37.0	37.9	38.9	39.0	39.9	
30	39.5	40.1	40.5	41.7	28.7	30.1	33.3	33.0	33.8	34.8	34.9	35.9	
32	35.7	36.4	36.7	37.9	25.4	26.8	29.9	29.6	30.4	31.4	31.5	32.4	
34	32.4	33.1	33.4	34.6	22.5	23.9	26.9	26.6	27.4	28.4	28.5	29.4	
36	29.6	30.2	30.6	31.7	19.9	21.2	24.3	24.0	24.8	25.7	25.8	26.7	
38	27.0	27.7	28.0	29.2	17.6	18.9	21.9	21.6	22.4	23.3	23.4	24.3	
40	24.8	25.4	25.7	26.9	15.5	16.8	19.8	19.5	20.2	21.2	21.3	22.1	
45	20.0	20.6	20.9	22.1	11.2	12.5	15.4	15.1	15.8	16.7	16.8	17.6	
50	16.3	16.9	17.2	18.3	7.7	9.0	11.9	11.6	12.3	13.2	13.3	14.1	
55	13.3	13.9	14.2	15.3	4.2	5.9	9.0	8.8	9.4	10.3	10.4	11.2	
60	10.8	11.4	11.7	12.8		3.0	6.6	6.2	7.0	8.0	8.1	8.9	
65	8.7	9.3	9.6	10.5			4.1	3.7	4.6	5.8	5.9	6.8	
70	6.9	7.5	7.8	8.8					2.6	3.6	3.7	4.8	
75	5.3	6.0	6.3	7.3								2.9	
80	3.6	4.4	4.8	6.0									
85	2.2	2.8	3.2	4.7									
90				3.4									
95				2.2									
98													
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	2x	2x

T: T



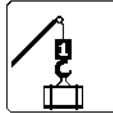
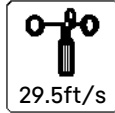
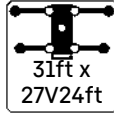
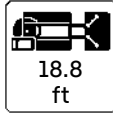
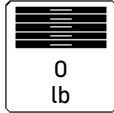
ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24	50.8		52.5	53.1									
26	45.4	46.1	47.1	47.7	48.1			37.4		38.4			
28	40.6	41.3	42.3	42.9	43.3	42.1	30.2	33.2	34.0	34.2	35.4	36.0	
30	36.6	37.2	38.2	38.7	39.1	38.2	26.5	29.5	30.2	30.5	31.6	32.2	
32	33.1	33.8	34.7	35.3	35.6	34.9	23.4	26.3	27.1	27.3	28.4	29.1	
34	30.1	30.8	31.7	32.2	32.6	31.9	20.7	23.5	24.3	24.5	25.6	26.2	
36	27.4	28.0	28.9	29.5	29.8	29.3	18.2	21.0	21.7	22.0	23.1	23.7	
38	24.9	25.6	26.5	27.0	27.4	26.9	16.0	18.8	19.5	19.7	20.8	21.4	
40	22.8	23.4	24.3	24.8	25.2	24.9	14.1	16.8	17.5	17.8	18.8	19.4	
45	18.3	18.9	19.8	20.3	20.6	20.5	10.0	12.6	13.3	13.5	14.6	15.2	
50	14.7	15.4	16.2	16.7	17.0	17.0	6.3	9.3	10.0	10.2	11.2	11.8	
55	11.8	12.5	13.3	13.8	14.1	14.1		6.4	7.1	7.4	8.5	9.1	
60	9.5	10.1	10.9	11.4	11.6	11.8		3.4	4.3	4.7	6.0	6.7	
65	7.4	8.1	8.8	9.3	9.6	9.7					3.4	4.3	
70	5.6	6.3	7.1	7.6	7.9	8.0							
75	3.7	4.6	5.6	6.1	6.4	6.6							
80		2.9	3.9	4.6	4.9	5.2							
85			2.5	3.0	3.4	3.8							
90						2.5							
95													
98													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	3x	2x	3x	3x	3x	2x	2x	2x	2x	2x	2x	2x

T: T



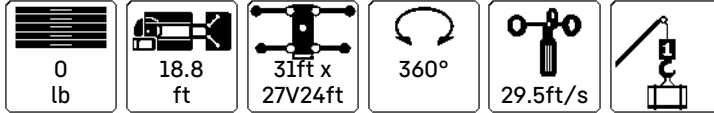
ft	x1000lb												
	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26	40.7		41.5			43.6							
28	36.5	36.9	37.3	38.3	39.2	39.4	40.6				32.8		
30	32.7	33.1	33.5	34.5	35.3	35.5	36.7	27.1	27.3	28.6	29.4	29.7	
32	29.5	29.9	30.3	31.3	32.1	32.3	33.5	24.1	24.3	25.5	26.4	26.7	
34	26.7	27.1	27.4	28.4	29.2	29.4	30.6	21.5	21.7	22.9	23.8	24.0	
36	24.1	24.5	24.9	25.8	26.7	26.8	28.0	19.1	19.3	20.5	21.4	21.6	
38	21.8	22.2	22.6	23.5	24.3	24.5	25.6	17.0	17.2	18.4	19.2	19.5	
40	19.8	20.2	20.6	21.5	22.3	22.5	23.6	15.1	15.3	16.5	17.3	17.6	
45	15.6	15.9	16.3	17.2	18.0	18.1	19.3	11.1	11.3	12.5	13.3	13.5	
50	12.2	12.5	12.9	13.8	14.5	14.7	15.8	7.9	8.1	9.2	10.0	10.3	
55	9.4	9.8	10.1	11.0	11.7	11.9	13.0	4.5	4.9	6.4	7.4	7.6	
60	7.1	7.5	7.8	8.7	9.4	9.6	10.6			3.7	4.7	5.0	
65	4.8	5.3	5.7	6.7	7.4	7.6	8.7						
70	2.7	3.1	3.5	4.8	5.7	5.9	7.0						
75				2.8	3.8	4.0	5.5						
80					2.3	2.5	3.8						
85							2.4						
90													
95													
98													
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

T: T



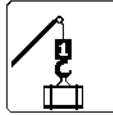
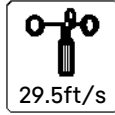
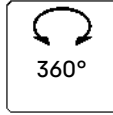
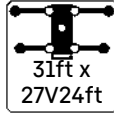
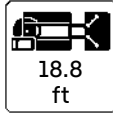
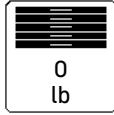
ft	x1000lb												
	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26													
28				35.4									
30	30.4	30.5	31.9	32.0	32.7	33.8							
32	27.3	27.4	28.9	28.9	29.7	30.7	31.0				24.2		
34	24.6	24.8	26.2	26.2	27.0	28.0	28.3	19.3	20.4	21.6	21.7	22.3	
36	22.2	22.4	23.8	23.8	24.5	25.5	25.8	17.1	18.2	19.3	19.5	20.0	
38	20.1	20.2	21.6	21.6	22.4	23.3	23.6	15.1	16.1	17.3	17.4	17.9	
40	18.2	18.3	19.7	19.7	20.4	21.4	21.7	13.3	14.4	15.5	15.6	16.2	
45	14.1	14.2	15.6	15.6	16.3	17.2	17.5	9.5	10.5	11.6	11.8	12.3	
50	10.9	11.0	12.3	12.3	13.0	13.9	14.2	6.0	7.4	8.6	8.7	9.2	
55	8.2	8.3	9.7	9.6	10.3	11.2	11.5		4.1	5.6	5.8	6.5	
60	5.8	5.9	7.4	7.4	8.1	9.0	9.3			3.0	3.0	3.6	
65	3.3	3.5	5.3	5.3	6.1	7.1	7.4						
70			3.1	3.1	4.0	5.3	5.7						
75					2.4	3.4	3.8						
80							2.3						
85													
90													
95													
98													
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	2x	1x










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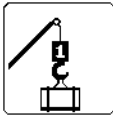
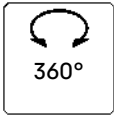
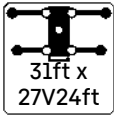
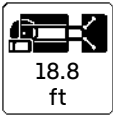
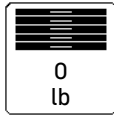
ft	x1000lb												
	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26													
28													
30													
32					27.5								
34	23.4	23.8	24.5	25.0	26.5	27.5							
36	21.1	21.5	22.2	22.7	24.2	25.2	16.9	17.5	18.6	19.3	19.9	20.4	
38	19.1	19.5	20.1	20.6	22.1	23.1	14.9	15.6	16.6	17.3	17.9	18.4	
40	17.3	17.7	18.3	18.8	20.3	21.2	13.2	13.8	14.9	15.6	16.2	16.7	
45	13.4	13.7	14.4	14.9	16.3	17.3	9.6	10.2	11.2	11.9	12.5	13.0	
50	10.2	10.6	11.2	11.7	13.1	14.1	6.2	7.0	8.2	8.9	9.5	9.9	
55	7.7	8.0	8.7	9.1	10.5	11.5		3.8	5.2	6.3	6.9	7.4	
60	5.1	5.6	6.5	7.0	8.3	9.3			2.7	3.5	4.2	4.9	
65	2.9	3.4	4.2	4.8	6.4	7.4						2.7	
70				2.7	4.5	5.8							
75					2.7	4.0							
80						2.6							
85													
90													
95													
98													
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

T: T



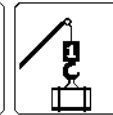
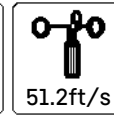
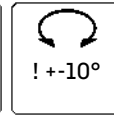
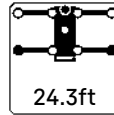
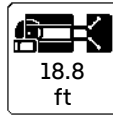
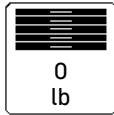
	ft	x1000lb											
		199.6	199.6	212.6	212.3	212.3	212.6	212.6	217.2	225.6	225.6	228.5	228.5
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36	21.6	22.0										
	38	19.6	20.0			16.1	17.3						
	40	17.9	18.3	13.8	13.9	14.3	15.5	16.2	17.3				
	45	14.1	14.5	10.3	10.4	10.8	12.0	12.7	13.7	10.3	10.7	10.4	10.8
	50	11.1	11.4	7.3	7.5	7.9	9.1	9.8	10.8	7.5	7.9	7.6	8.0
	55	8.6	8.9	4.2	4.4	5.0	6.6	7.3	8.4	4.5	5.1	4.6	5.2
	60	6.4	6.8				3.9	4.8	6.3				
	65	4.1	4.6						4.1				
	70		2.7										
	75												
	80												
	85												
	90												
	95												
	98												
	1	45+	0+	90+	90+	90+	90+	45+	0+	90+	90+	90+	90+
	2	45+	90+	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	90+	90+	100+	90+	90+	90+	90+
	6	90+	90+	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+
	7	90+	90+	45+	90+	90+	90+	90+	100+	90+	90+	100+	100+
	EST1	1x	1x	1x	3x!!	1x	1x	1x	1x	3x!!	1x	3x!!	1x

T: T



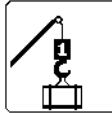
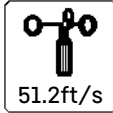
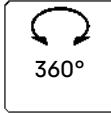
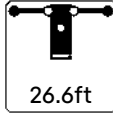
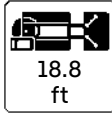
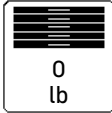
		x1000lb											
ft		230.2	237.3	237.3	243.2	243.2	246.1	246.1					
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26													
28													
30													
32													
34													
36													
38													
40													
45		12.1	10.2	10.6		10.0		9.6					
50		9.3	7.5	8.0	7.1	7.5	6.4	7.0					
55		7.0	4.6	5.3	4.2	4.7		4.2					
60		4.5		2.9									
65		2.5											
70													
75													
80													
85													
90													
95													
98													
	1	45+	90+	90+	90+	90+	100+	100+					
	2	100+	90+	90+	100+	100+	100+	100+					
	3	100+	90+	90+	100+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+	100+					
	EST1	1x	3x!!	1x	3x!!	1x	3x!!	1x					

T: T



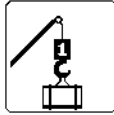
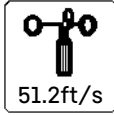
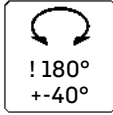
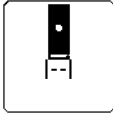
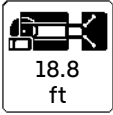
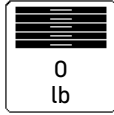
		x1000lb									
	ft										
	10	13.2									
	11	13.2									
	12	13.2									
	13	13.2									
	14	13.2									
	15	13.2									
	16	13.2									
	17	13.2									
	18	13.2									
	19	13.2									
	20	13.2									
	22	13.2									
	24	13.2									
	26	11.6									
	28	10.0									
	30	8.9									
	32	7.9									
	34	6.9									
	36	6.1									
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

T: T



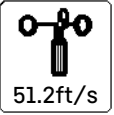
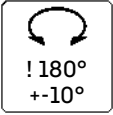
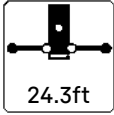
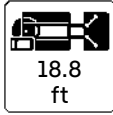
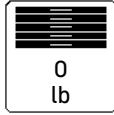
	ft	x1000lb						
		41.5	54.5	67.5				
10	13.2	13.2	13.2					
11	13.2	13.2	13.2					
12	13.2	13.2	13.2					
13	13.2	13.2	13.2					
14	13.2	13.2	13.2					
15	13.2	13.2	13.2					
16	13.2	13.2	13.2					
17	13.2	13.2	13.2					
18	13.2	13.2	13.2					
19	13.2	13.2	13.2					
20	13.2	13.2	13.2					
22	13.2	13.2	13.2					
24	13.2	13.2	13.2					
26	13.2	13.2	13.2					
28	13.2	13.2	13.2					
30	13.0	13.2	13.2					
32	10.9	13.2	13.2					
34	9.0	11.7	12.7					
36	7.2	9.9	11.3					
38		8.3	9.8					
40		6.9	8.5					
45		4.2	5.7					
50			3.5					
53			2.4					
	1	0+	0+	0+				
	2	0+	0+	0+				
	3	0+	0+	0+				
	4	0+	0+	0+				
	5	0+	0+	0+				
	6	0+	0+	0+				
	7	0+	45+	90+				









T: T



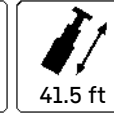
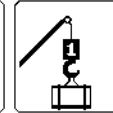
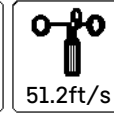
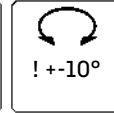
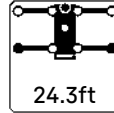
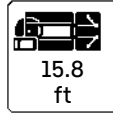
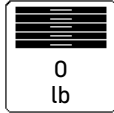
	ft	x1000lb							
		41.5	54.5	67.5					
	10	13.2	13.2	13.2					
	11	13.2	13.2	13.2					
	12	13.2	13.2	13.2					
	13	13.2	13.2	13.2					
	14	13.2	13.2	13.2					
	15	13.2	13.2	13.2					
	16	13.2	13.2	13.2					
	17	12.8	13.2	13.1					
	18	11.4	12.7	12.7					
	19	9.8	11.4	11.5					
	20	8.3	10.1	10.4					
	22	5.7	7.8	8.4					
	24	3.6	5.9	6.7					
	26		4.2	5.2					
	28		2.8	3.9					
	30			2.8					
	31			2.2					
	1	0+	0+	0+					
	2	0+	0+	0+					
	3	0+	0+	0+					
	4	0+	0+	0+					
	5	0+	0+	0+					
	6	0+	0+	0+					
	7	0+	45+	90+					









T: T



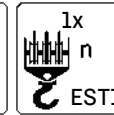
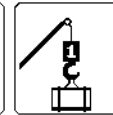
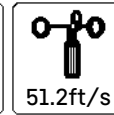
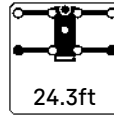
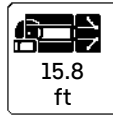
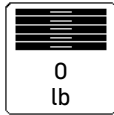
		x1000lb						
	ft	41.5	54.5	67.5				
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	11	13.2	13.2	13.2				
	12	13.2	13.2	13.2				
	13	13.2	13.2	13.2				
	14	13.2	13.2	13.2				
	15	13.2	13.2	13.2				
	16	13.2	13.2	13.2				
	17	13.2	13.2	13.2				
	18	13.2	13.2	13.2				
	19	13.2	13.2	13.2				
	20	13.2	13.2	13.2				
	22	13.2	13.2	13.2				
	24	13.2	13.2	13.2				
	26	13.2	13.2	13.2				
	28	13.2	13.2	13.2				
	30	13.2	13.2	13.2				
	32	13.2	13.2	13.2				
	34	13.2	13.2	13.2				
	36	13.2	13.2	13.2				
	38		13.2	13.2				
	40		13.2	13.2				
	45		13.2	13.2				
	50			13.2				
	55			13.2				
	60			13.2				
	62			12.7				
	1	0+	0+	0+				
	2	0+	0+	0+				
	3	0+	0+	0+				
	4	0+	0+	0+				
	5	0+	0+	0+				
	6	0+	0+	0+				
	7	0+	45+	90+				

T: T



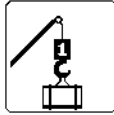
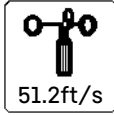
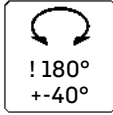
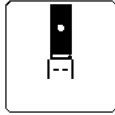
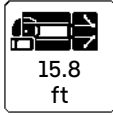
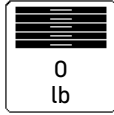
		x1000lb									
 ft											
10	13.2										
11	13.2										
12	13.2										
13	13.2										
14	13.2										
15	13.2										
16	13.2										
17	13.2										
18	13.2										
19	13.2										
20	13.2										
22	13.2										
24	13.1										
26	11.5										
28	10.0										
30	8.8										
32	7.8										
34	6.9										
36	6.1										
 %	1	0+									
 %	2	0+									
 %	3	0+									
 %	4	0+									
 %	5	0+									
 %	6	0+									
 %	7	0+									

























T: T



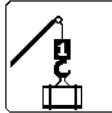
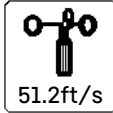
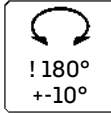
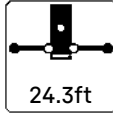
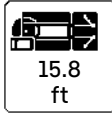
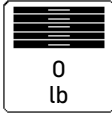
		x1000lb										
	ft	41.5	54.5	67.5								
	10	13.2	13.2	13.2								
	11	13.2	13.2	13.2								
	12	13.2	13.2	13.2								
	13	13.2	13.2	13.2								
	14	13.2	13.2	13.2								
	15	13.1	13.2	13.2								
	16	12.8	13.2	13.2								
	17	11.4	13.2	13.2								
	18	10.2	12.6	13.2								
	19	9.2	11.5	12.8								
	20	8.3	10.4	11.8								
	22	6.7	8.8	10.0								
	24	5.3	7.4	8.6								
	26	4.0	6.2	7.4								
	28	2.8	5.1	6.3								
	30		4.1	5.4								
	32		3.1	4.5								
	34		2.3	3.7								
	36			2.9								
	38			2.3								
	1	0+	0+	0+								
	2	0+	0+	0+								
	3	0+	0+	0+								
	4	0+	0+	0+								
	5	0+	0+	0+								
	6	0+	0+	0+								
	7	0+	45+	90+								

T: T

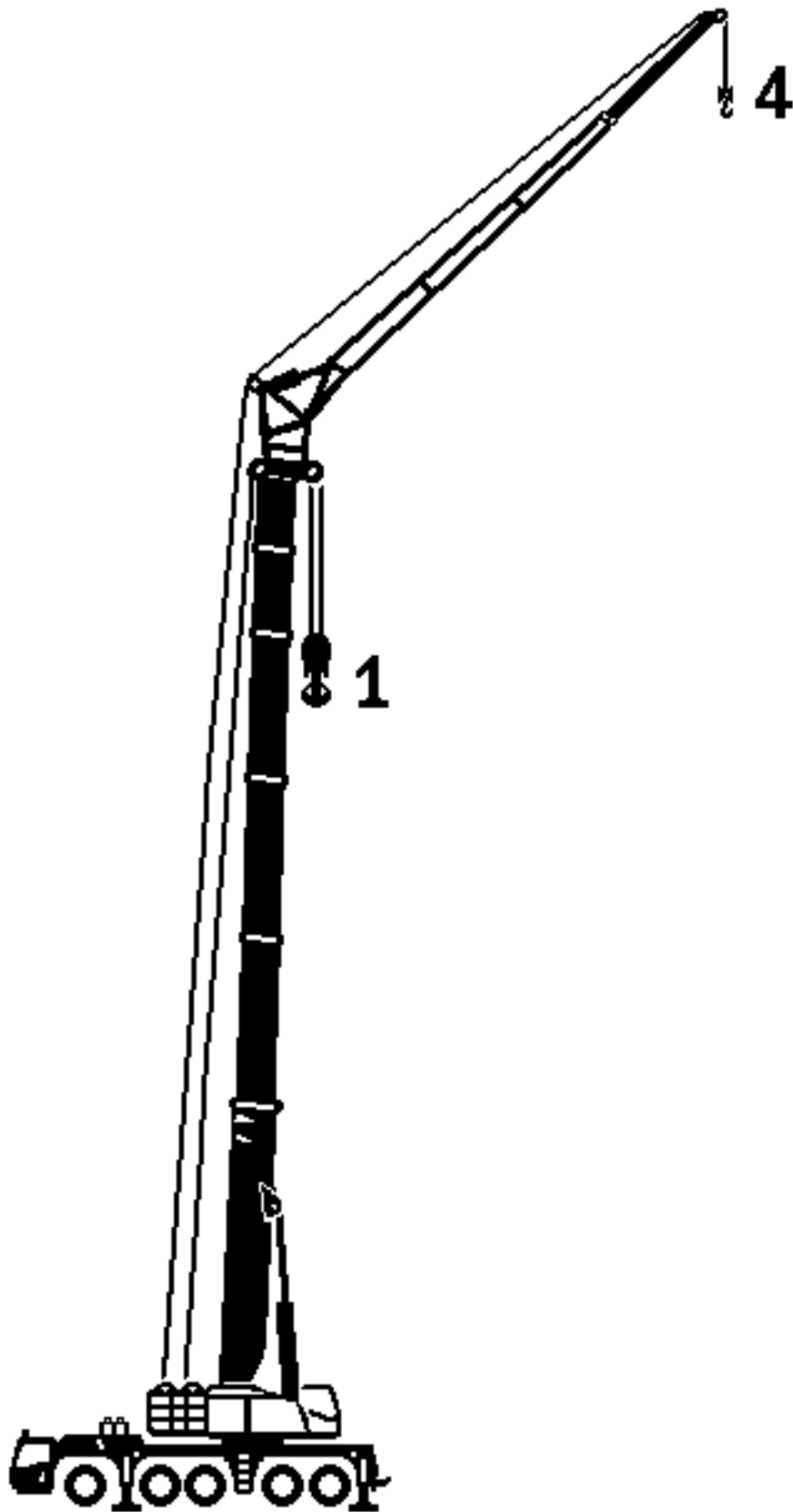


	ft	x1000lb						
		41.5	54.5	67.5				
	10	13.2	13.2	13.2				
	11	13.2	13.2	13.2				
	12	13.2	13.2	13.2				
	13	13.2	13.2	13.2				
	14	13.2	13.2	13.2				
	15	13.2	13.2	13.2				
	16	13.2	13.2	13.2				
	17	12.7	13.2	13.1				
	18	11.3	12.6	12.6				
	19	9.6	11.2	11.4				
	20	8.2	10.0	10.3				
	22	5.6	7.7	8.3				
	24	3.5	5.8	6.6				
	26		4.1	5.1				
	28		2.7	3.8				
	30			2.7				
	1	0+	0+	0+				
	2	0+	0+	0+				
	3	0+	0+	0+				
	4	0+	0+	0+				
	5	0+	0+	0+				
	6	0+	0+	0+				
	7	0+	45+	90+				

T: T



		x1000lb										
		41.5	54.5	67.5								
	ft											
	10	13.2	13.2	13.2								
	11	13.2	13.2	13.2								
	12	13.2	13.2	13.2								
	13	13.2	13.2	13.2								
	14	13.2	13.2	13.2								
	15	13.2	13.2	13.2								
	16	13.2	13.2	13.2								
	17	13.2	13.2	13.2								
	18	13.2	13.2	13.2								
	19	13.2	13.2	13.2								
	20	13.2	13.2	13.2								
	22	13.2	13.2	13.2								
	24	13.2	13.2	13.2								
	26	13.2	13.2	13.2								
	28	13.2	13.2	13.2								
	30	13.2	13.2	13.2								
	32	13.2	13.2	13.2								
	34	13.2	13.2	13.2								
	36	13.2	13.2	13.2								
	38		13.2	13.2								
	40		13.2	13.2								
	45		13.2	13.2								
	50			13.2								
	55			13.2								
	60			13.2								
	62			12.6								
	1	0+	0+	0+								
	2	0+	0+	0+								
	3	0+	0+	0+								
	4	0+	0+	0+								
	5	0+	0+	0+								
	6	0+	0+	0+								
	7	0+	45+	90+								



TK

TK: T K-38ft

132

TK: T K-66ft

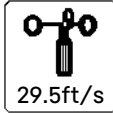
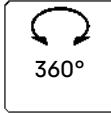
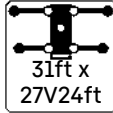
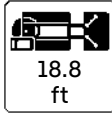
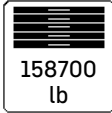
186

TK: T K-38ft



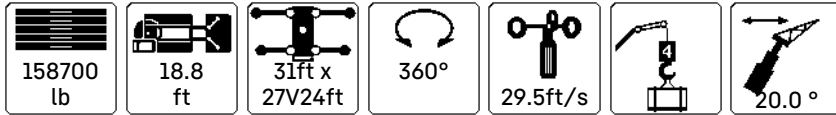
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	15	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.6	37.7	37.4	36.5	35.8	33.9	32.8	23.9	30.7	29.2	23.5
	70	13.8	32.9	33.7	33.4	33.4	32.8	32.1	31.2	21.6	29.5	28.2	21.4
	80		28.6	29.9	29.6	30.1	29.6	29.7	28.9	19.6	28.1	26.5	19.6
	90		25.0	26.4	26.1	27.1	26.6	27.0	26.3	17.8	26.3	24.1	17.9
	100		22.1	23.5	23.3	24.2	23.9	24.5	23.9	16.2	24.1	21.8	16.4
	110		19.8	21.1	20.9	21.9	21.7	22.3	21.7	14.8	22.0	19.7	15.1
	120		17.9	19.0	18.9	19.9	19.7	20.5	19.6	13.6	19.9	17.7	13.9
	130		16.2	17.4	17.3	18.3	18.1	18.8	17.7	12.4	18.2	16.0	12.8
	140		14.9	16.0	15.9	16.8	16.7	17.3	16.0	11.4	16.5	14.5	11.8
	150		13.7	14.8	14.7	15.2	15.5	14.8	14.5	10.4	14.6	13.1	10.8
	170			11.6	12.3	11.0	11.9	10.5	11.7	8.9	10.4	10.7	9.4
	190					5.0	5.9	7.6	8.7	7.7	7.5	8.7	8.2
	210										5.0	6.2	7.3
	230												
	250												
	257												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x










TK: T K-38ft



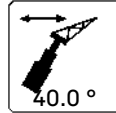
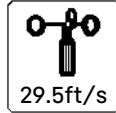
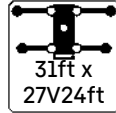
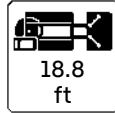
		x1000lb											
ft	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
		15											
16													
18													
20													
25													
30													
35													
40		28.2	26.2	24.0	23.9	20.8	17.0						
45		27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1		
50		27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6	
60		27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3	
70		26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9	
80		25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4	
90		23.6	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8	
100		21.6	19.2	16.3	18.9	15.7	12.4	15.3	12.0	11.9	11.4	11.2	
110		19.7	17.7	15.1	17.5	14.6	11.6	14.3	11.3	11.2	10.8	10.7	
120		17.9	16.2	14.0	16.2	13.6	10.8	13.4	10.6	10.5	10.2	10.1	
130		16.3	14.7	12.9	14.8	12.7	10.0	12.6	9.8	9.9	9.6	9.5	
140		14.9	13.3	11.8	13.5	11.9	9.1	11.8	9.1	9.4	9.0	8.9	
150		13.5	12.0	10.8	12.3	11.0	8.4	11.0	8.5	9.0	8.4	8.3	
170		10.5	9.9	9.0	10.3	9.4	7.0	9.6	7.2	8.1	7.3	7.2	
190		7.7	8.5	7.6	7.9	8.1	5.8	8.3	6.1	7.2	6.2	6.0	
210		5.2	6.7	6.4	5.5	7.0	4.7	6.2	5.1	6.3	5.2	4.8	
230			2.3	3.5	3.5	5.2	3.8	4.2	4.2	4.3	4.1	3.6	
250								2.2	3.4	2.6	2.4	2.2	
257													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



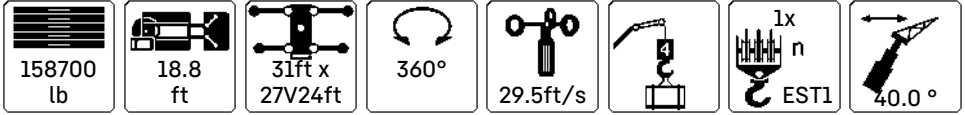
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
15													
16													
18													
20													
25	37.9												
30	33.2												
35	29.5	36.5											
40	26.5	34.8	34.5	34.3	33.3	32.8							
45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9					
50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9		
60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0	
70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2	
80		23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5	
90		22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0	
100		20.6	21.1	21.1	21.5	21.3	21.4	21.1	15.5	21.2	20.6	15.6	
110		19.4	19.9	19.9	20.2	20.1	20.4	20.1	14.2	20.1	19.5	14.4	
120		18.4	18.9	18.8	19.3	19.2	19.4	19.1	13.1	19.1	17.9	13.4	
130		17.6	18.1	18.0	18.4	18.4	18.6	17.6	12.1	18.1	16.1	12.3	
140		17.0	17.4	17.3	17.7	17.5	17.7	16.1	11.2	16.6	14.6	11.5	
150		16.6	16.6	16.8	16.0	16.3	15.6	14.6	10.3	15.1	13.3	10.7	
170			12.2	12.8	11.4	12.3	11.1	12.0	9.0	11.0	10.9	9.4	
190							7.9	9.0	7.8	8.0	9.1	8.3	
210										5.3	6.6	7.4	
230													
250													
257													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TK: T K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	15												
	16												
	18												
	20												
	25												
	30												
	35	22.4											
	40	20.9											
	45	19.7	22.7	22.8	22.7								
	50	18.6	22.0	22.1	22.0	22.1	21.9						
	60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
	70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5
	80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8
	90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5
	100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3
	110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2
	120		16.8	16.8	16.8	16.9	16.9	17.0	16.9	13.0	17.0	16.7	13.2
	130		16.7	16.7	16.7	16.7	16.7	16.7	16.6	12.1	16.7	16.0	12.3
	140		16.7	16.7	16.7	16.6	16.6	16.6	16.2	11.2	16.1	14.9	11.5
	150		13.1	16.6	16.7	16.2	16.3	16.1	14.8	10.5	15.3	13.5	10.8
	170					11.6	12.4	11.3	12.2	9.1	11.4	11.1	9.5
	190							7.9	8.6	7.7	8.1	9.2	8.4
	210												
	230												
	250												
	257												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

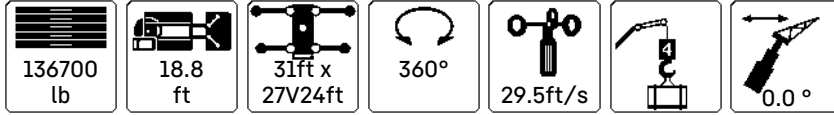
TK: T K-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	15												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	20.1											
	70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1				
	80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4	
	90	18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8	
	100	17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2	
	110	17.1	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6	
	120	16.8	15.6	13.2	15.5	12.9	10.7	12.7	10.5	10.4	10.1	10.0	
	130	16.2	14.7	12.4	14.6	12.1	10.0	12.0	9.9	9.9	9.7	9.6	
	140	15.0	13.6	11.6	13.7	11.4	9.4	11.4	9.4	9.4	9.2	9.1	
	150	13.9	12.5	10.9	12.6	10.8	8.8	10.8	8.8	9.0	8.7	8.6	
	170	11.5	10.3	9.3	10.6	9.7	7.4	9.7	7.6	8.2	7.6	7.5	
	190	8.3	8.7	7.9	8.7	8.4	6.1	8.6	6.4	7.4	6.5	6.4	
	210	5.6	7.0	6.6	6.1	7.2	4.9	6.9	5.3	6.6	5.5	5.1	
	230						3.9	4.5	4.3	4.8	4.6	3.9	
	250									2.8	2.7	2.5	
	257												

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	

TK: T K-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	28.2	26.2	24.0	23.9	20.8	17.0						
	45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1		
	50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6	
	60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3	
	70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9	
	80	25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4	
	90	23.6	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8	
	100	21.6	19.2	16.3	18.9	15.7	12.4	15.3	12.0	11.9	11.4	11.2	
	110	19.7	17.7	15.1	17.5	14.6	11.6	14.3	11.3	11.2	10.8	10.7	
	120	17.9	16.2	14.0	16.2	13.6	10.8	13.4	10.6	10.5	10.2	10.1	
	130	16.1	14.7	12.9	14.8	12.7	10.0	12.6	9.8	9.9	9.6	9.5	
	140	13.5	13.3	11.8	13.4	11.9	9.1	11.8	9.1	9.4	9.0	8.9	
	150	11.1	12.0	10.8	11.4	11.0	8.4	11.0	8.5	9.0	8.4	8.3	
	170	7.8	9.0	9.0	8.0	9.4	7.0	8.6	7.2	8.1	7.3	7.2	
	190	5.0	6.5	7.6	5.4	7.1	5.8	6.1	6.1	6.3	6.0	5.7	
	210	2.8	4.3	5.6	3.1	4.9	4.7	3.8	4.8	4.0	3.8	3.6	
	230		2.3	3.5		3.1	3.7		3.0				
	247						2.4						
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



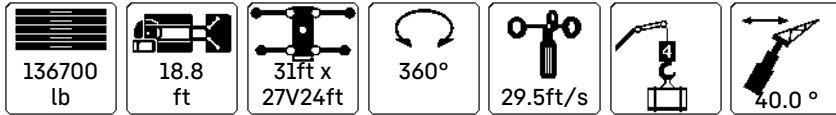
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18	44.8											
	20	43.1											
	25	37.9											
	30	33.2											
	35	29.5	36.5										
	40	26.5	34.8	34.5	34.3	33.3	32.8						
	45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
	50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
	60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
	70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2
	80		23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5
	90		22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0
	100		20.6	21.1	21.1	21.5	21.3	21.4	21.1	15.5	21.2	20.6	15.6
	110		19.4	19.9	19.9	20.2	20.1	20.4	20.1	14.2	20.1	19.5	14.4
	120		18.4	18.9	18.8	19.3	19.2	19.4	19.1	13.1	19.1	17.9	13.4
	130		17.6	18.1	18.0	17.8	18.4	17.5	17.6	12.1	17.4	16.1	12.3
	140		16.9	15.6	16.2	14.8	15.7	14.5	15.6	11.2	14.4	14.6	11.5
	150		14.6	13.1	13.6	12.3	13.2	11.9	13.1	10.3	11.9	13.1	10.7
	170			9.2	9.7	8.5	9.3	8.3	9.2	9.0	8.2	9.3	9.4
	190							5.2	6.4	7.8	5.3	6.6	8.3
	210										2.8	4.2	6.8
	230												
	247												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TK: T K-38ft



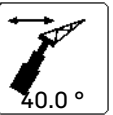
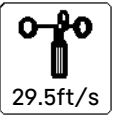
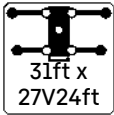
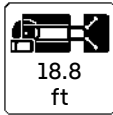
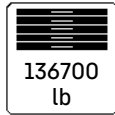
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
70		23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
80		22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
90		21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7	
100		20.5	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1	
110		19.4	17.0	14.4	16.9	14.0	11.4	13.7	11.1	11.0	10.6	10.5	
120		17.9	15.9	13.4	15.8	13.1	10.6	12.9	10.4	10.4	10.1	10.0	
130		16.4	14.7	12.5	14.7	12.3	9.9	12.1	9.8	9.8	9.6	9.5	
140		14.5	13.5	11.6	13.6	11.5	9.2	11.5	9.3	9.3	9.1	9.0	
150		12.0	12.2	10.8	12.2	10.9	8.6	10.8	8.6	8.9	8.5	8.5	
170		8.4	9.5	9.2	8.6	9.6	7.2	9.2	7.4	8.1	7.4	7.4	
190		5.5	7.0	7.8	6.0	7.5	6.0	6.7	6.3	6.8	6.4	6.2	
210		3.1	4.6	5.9	3.5	5.3	4.9	4.3	5.2	4.5	4.3	4.1	
230						3.3	3.9	2.3	3.3	2.5	2.3		
247													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	24.2												
35	22.4												
40	20.9												
45	19.7	22.7	22.8	22.7									
50	18.6	22.0	22.1	22.0	22.1	21.9							
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2	
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5	
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8	
90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5	
100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3	
110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2	
120		16.8	16.8	16.8	16.9	16.9	17.0	16.9	13.0	17.0	16.7	13.2	
130		16.7	16.7	16.7	16.7	16.7	16.7	16.6	12.1	16.7	16.0	12.3	
140		16.7	16.1	16.4	15.4	16.3	15.1	16.0	11.2	15.1	14.9	11.5	
150		13.1	13.3	13.9	12.7	13.6	12.4	13.6	10.5	12.5	13.5	10.8	
170					8.7	9.4	8.5	9.4	9.1	8.5	9.6	9.5	
190							5.2	6.4	7.7	5.4	6.8	8.4	
210													
230													
247													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

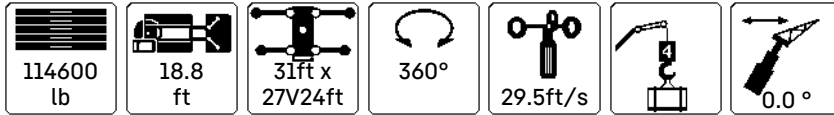
TK: T K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	20.1											
70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1				
80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4	
90	18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8	
100	17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2	
110	17.1	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6	
120	16.8	15.6	13.2	15.5	12.9	10.7	12.7	10.5	10.4	10.1	10.0	
130	16.2	14.7	12.4	14.6	12.1	10.0	12.0	9.9	9.9	9.7	9.6	
140	15.0	13.6	11.6	13.7	11.4	9.4	11.4	9.4	9.4	9.2	9.1	
150	12.7	12.5	10.9	12.6	10.8	8.8	10.8	8.8	9.0	8.7	8.6	
170	8.7	9.9	9.3	9.0	9.7	7.4	9.5	7.6	8.2	7.6	7.5	
190	5.8	7.2	7.9	6.3	7.7	6.1	6.9	6.4	7.0	6.5	6.4	
210	3.2	4.6	6.0	3.7	5.4	4.9	4.5	5.3	4.8	4.6	4.4	
230						3.9	2.3	3.3	2.6	2.5	2.3	
247												

1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

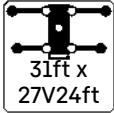
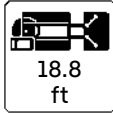
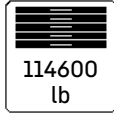
TK: T K-38ft












	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12	46.1												
14	46.1												
16	46.1												
18	46.1												
20	46.1	46.1											
25	46.1	46.1	46.1	46.1									
30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7					
35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1	
40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9	
45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7	
50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3	
60	17.1	37.6	37.7	37.4	36.5	35.8	33.9	32.8	23.9	30.7	29.2	23.5	
70	13.8	32.9	33.7	33.4	33.4	32.8	32.1	31.2	21.6	29.5	28.2	21.4	
80		28.6	29.9	29.6	30.1	29.6	29.7	28.9	19.6	28.1	26.5	19.6	
90		25.0	26.4	26.1	27.0	26.6	26.6	26.3	17.8	25.6	24.1	17.9	
100		22.1	23.5	23.3	23.2	23.9	22.2	23.3	16.2	21.5	21.8	16.4	
110		19.8	20.0	20.7	19.2	20.2	18.5	19.7	14.8	17.9	19.3	15.1	
120		17.8	16.5	17.1	15.6	16.6	15.1	16.3	13.6	14.9	16.4	13.9	
130		15.2	13.5	14.1	12.6	13.6	12.1	13.4	12.4	12.0	13.4	12.8	
140		12.7	11.0	11.6	10.2	11.0	9.8	10.8	11.4	9.6	10.9	11.8	
150		10.6	9.1	9.6	8.4	9.1	8.0	9.0	10.4	7.9	9.0	10.8	
170			6.0	6.6	5.2	6.1	4.8	6.0	8.9	4.8	6.1	8.5	
190					2.8	3.7	2.3	3.5	7.0	2.2	3.6	6.3	
210												4.4	
226													

	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

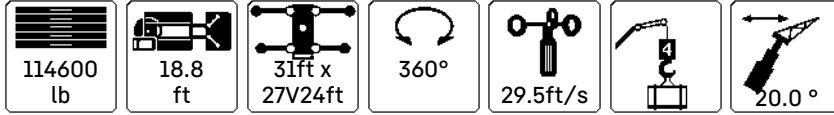
TK: T K-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40	28.2	26.2	24.0	23.9	20.8	17.0					
	45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1	
	50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6
	60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3
	70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9
	80	25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4
	90	23.6	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8
	100	21.0	19.2	16.3	18.9	15.7	12.4	15.3	12.0	11.9	11.4	11.2
	110	17.6	17.7	15.1	17.1	14.6	11.6	14.3	11.3	11.2	10.8	10.7
	120	14.7	16.1	14.0	14.6	13.6	10.8	13.4	10.6	10.5	10.2	10.1
	130	12.2	13.7	12.9	12.2	12.7	10.0	12.4	9.8	9.9	9.6	9.5
	140	9.8	11.2	11.8	10.1	11.6	9.1	10.6	9.1	9.4	9.0	8.9
	150	8.0	9.2	10.5	8.3	9.8	8.4	8.9	8.5	8.8	8.2	8.1
	170	5.0	6.5	7.6	5.4	7.0	7.0	6.0	6.9	6.0	5.6	5.3
	190	2.4	3.9	5.3	2.8	4.6	5.4	3.6	4.6	3.7	3.4	3.1
	210			3.3		2.6	3.3		2.5			
	226											

 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
 n	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18	44.8												
20	43.1												
25	37.9												
30	33.2												
35	29.5	36.5											
40	26.5	34.8	34.5	34.3	33.3	32.8							
45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9					
50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9		
60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0	
70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2	
80		23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5	
90		22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0	
100		20.6	21.1	21.1	21.5	21.3	21.4	21.1	15.5	21.2	20.6	15.6	
110		19.4	19.9	19.9	20.1	20.1	19.9	20.1	14.2	19.3	19.5	14.4	
120		18.4	17.6	18.2	16.8	17.7	16.4	17.6	13.1	16.2	17.5	13.4	
130		16.0	14.4	15.0	13.7	14.5	13.3	14.4	12.1	13.2	14.5	12.3	
140		13.3	11.8	12.3	11.0	11.9	10.6	11.8	11.2	10.6	11.9	11.5	
150		11.0	9.6	10.1	9.0	9.7	8.7	9.6	10.3	8.6	9.7	10.7	
170			6.3	6.9	5.6	6.6	5.4	6.6	9.0	5.4	6.7	8.9	
190							2.6	3.8	7.2	2.7	4.0	6.6	
210												4.5	
226													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TK: T K-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4		
	70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8
	80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3
	90	21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7
	100	20.5	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1
	110	19.0	17.0	14.4	16.9	14.0	11.4	13.7	11.1	11.0	10.6	10.5
	120	16.0	15.9	13.4	15.5	13.1	10.6	12.9	10.4	10.4	10.1	10.0
	130	13.3	14.7	12.5	13.3	12.3	9.9	12.1	9.8	9.8	9.6	9.5
	140	10.7	12.1	11.6	11.0	11.5	9.2	11.3	9.3	9.3	9.1	9.0
	150	8.8	9.9	10.8	9.0	10.5	8.6	9.7	8.6	8.9	8.5	8.5
	170	5.7	7.0	8.1	6.1	7.5	7.2	6.7	7.3	6.7	6.4	6.1
	190	3.0	4.4	5.8	3.4	5.2	5.8	4.2	5.1	4.3	4.0	3.7
	210		2.3	3.6		3.0	3.7		3.0			
	226						2.2					
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft












ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	24.2												
35	22.4												
40	20.9												
45	19.7	22.7	22.8	22.7									
50	18.6	22.0	22.1	22.0	22.1	21.9							
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2	
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5	
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8	
90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5	
100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3	
110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2	
120		16.8	16.8	16.8	16.9	16.9	16.8	16.9	13.0	16.6	16.7	13.2	
130		16.4	15.0	15.6	14.4	15.2	14.1	15.2	12.1	14.1	15.3	12.3	
140		13.5	12.2	12.8	11.5	12.4	11.3	12.4	11.2	11.3	12.5	11.5	
150		11.1	9.8	10.4	9.3	10.1	9.1	10.0	10.5	9.1	10.2	10.8	
170					5.8	6.7	5.7	6.8	9.1	5.8	7.0	9.1	
190							2.6	3.8	7.2	2.9	4.2	6.7	
210													
226													

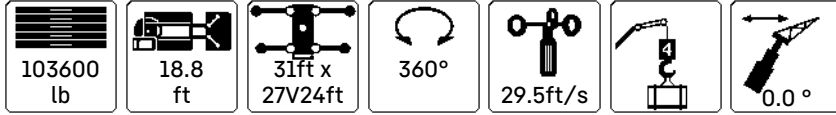
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	20.1										
	70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1			
	80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4
	90	18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8
	100	17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2
	110	17.1	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6
	120	16.5	15.6	13.2	15.5	12.9	10.7	12.7	10.5	10.4	10.1	10.0
	130	14.2	14.7	12.4	14.2	12.1	10.0	12.0	9.9	9.9	9.7	9.6
	140	11.5	12.8	11.6	11.8	11.4	9.4	11.4	9.4	9.4	9.2	9.1
	150	9.3	10.5	10.9	9.5	10.8	8.8	10.2	8.8	9.0	8.7	8.6
	170	6.1	7.3	8.4	6.5	7.9	7.4	7.1	7.6	7.2	6.9	6.6
	190	3.2	4.7	6.0	3.7	5.4	6.1	4.5	5.4	4.6	4.4	4.1
	210		2.3	3.7		3.1	3.8		3.2	2.4	2.3	
	226						2.3					
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	28.2	26.2	24.0	23.9	20.8	17.0							
45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1			
50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6		
60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3		
70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9		
80	25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4		
90	22.3	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8		
100	18.4	19.2	16.3	18.2	15.7	12.4	15.3	12.0	11.9	11.4	11.2		
110	15.2	16.7	15.1	15.0	14.6	11.6	14.3	11.3	11.2	10.8	10.7		
120	12.5	14.0	14.0	12.4	13.6	10.8	12.8	10.6	10.5	10.2	10.1		
130	10.0	11.5	12.8	10.2	12.1	10.0	10.7	9.8	9.9	9.5	9.4		
140	8.1	9.3	10.6	8.3	10.0	9.1	8.8	9.1	8.6	8.3	8.0		
150	6.5	7.7	8.9	6.6	8.3	8.4	7.1	8.0	7.1	6.7	6.4		
170	3.4	4.9	6.3	3.8	5.7	6.3	4.4	5.3	4.4	4.1	3.8		
190		2.6	3.9		3.3	4.0		3.2	2.2				
210													
219													
<hr/>													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	

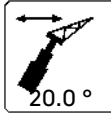
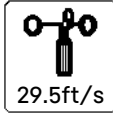
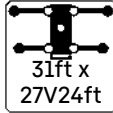
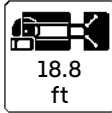
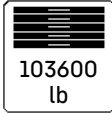
TK: T K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18	44.8												
20	43.1												
25	37.9												
30	33.2												
35	29.5	36.5											
40	26.5	34.8	34.5	34.3	33.3	32.8							
45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9					
50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9		
60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0	
70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2	
80		23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5	
90		22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0	
100		20.6	21.1	21.1	21.3	21.3	20.9	21.1	15.5	20.3	20.6	15.6	
110		19.4	18.8	19.3	18.0	18.9	17.4	18.6	14.2	16.9	18.2	14.4	
120		16.7	15.2	15.8	14.4	15.3	14.0	15.2	13.1	13.9	15.2	13.4	
130		13.7	12.2	12.8	11.4	12.3	11.1	12.2	12.1	11.0	12.3	12.3	
140		11.2	9.8	10.3	9.2	9.9	8.9	9.8	11.2	8.8	9.9	11.5	
150		9.3	8.1	8.6	7.4	8.2	7.1	8.1	10.3	7.1	8.2	10.3	
170			4.8	5.4	4.1	5.0	3.9	5.0	8.1	3.9	5.2	7.5	
190								2.4	6.0		2.7	5.3	
210												3.3	
219													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TK: T K-38ft



	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
	70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
	80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
	90	21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7	
	100	19.7	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1	
	110	16.6	17.0	14.4	16.4	14.0	11.4	13.7	11.1	11.0	10.6	10.5	
	120	13.7	15.2	13.4	13.6	13.1	10.6	12.9	10.4	10.4	10.1	10.0	
	130	11.1	12.6	12.5	11.3	12.3	9.9	11.8	9.8	9.8	9.6	9.5	
	140	9.0	10.2	11.3	9.2	10.8	9.2	9.8	9.3	9.3	8.9	8.8	
	150	7.2	8.4	9.5	7.5	9.0	8.6	8.0	8.6	7.9	7.6	7.3	
	170	4.2	5.6	6.7	4.5	6.2	6.8	5.1	6.0	5.1	4.8	4.6	
	190		3.1	4.4		3.8	4.5	2.8	3.7	2.9	2.6	2.3	
	210			2.4			2.4						
	219												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

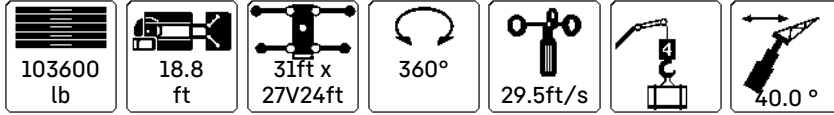
TK: T K-38ft



ft	x1000lb											
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10												
12												
14												
16												
18												
20												
25												
30	24.2											
35	22.4											
40	20.9											
45	19.7	22.7	22.8	22.7								
50	18.6	22.0	22.1	22.0	22.1	21.9						
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8
90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5
100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3
110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2
120		16.7	16.0	16.3	15.3	16.1	15.0	15.9	13.0	14.9	16.0	13.2
130		14.2	12.8	13.4	12.1	13.0	11.9	13.0	12.1	11.8	13.1	12.3
140		11.5	10.2	10.7	9.6	10.4	9.4	10.4	11.2	9.4	10.5	11.5
150		9.3	8.3	8.8	7.8	8.5	7.6	8.5	10.5	7.6	8.6	10.6
170					4.2	5.2	4.1	5.3	8.3	4.3	5.6	7.7
190								2.4	6.0		2.8	5.4
210												
219												

%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	20.1												
70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1					
80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4		
90	18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8		
100	17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2		
110	17.0	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6		
120	14.8	15.6	13.2	14.6	12.9	10.7	12.7	10.5	10.4	10.1	10.0		
130	12.0	13.4	12.4	12.1	12.1	10.0	11.9	9.9	9.9	9.7	9.6		
140	9.6	10.8	11.6	9.9	11.2	9.4	10.5	9.4	9.4	9.2	9.1		
150	7.7	8.9	9.9	8.0	9.5	8.8	8.6	8.8	8.6	8.2	8.0		
170	4.6	6.0	7.0	5.0	6.6	7.1	5.6	6.5	5.6	5.3	5.1		
190		3.3	4.6	2.3	4.1	4.8	3.1	4.1	3.2	3.0	2.7		
210			2.4			2.6							
219													

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



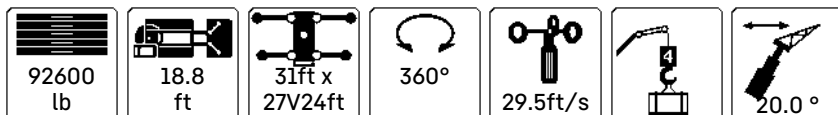
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.6	37.7	37.4	36.5	35.8	33.9	32.8	23.9	30.7	29.2	23.5
	70	13.8	32.9	33.7	33.4	33.3	32.8	31.4	31.1	21.6	29.4	28.2	21.4
	80		28.6	28.3	29.0	26.8	27.9	25.6	26.8	19.6	24.6	26.1	19.6
	90		24.9	23.1	23.9	21.7	22.8	20.7	22.0	17.8	20.0	21.4	17.9
	100		20.5	18.7	19.4	17.6	18.7	16.8	18.0	16.2	16.2	17.6	16.4
	110		16.6	14.8	15.5	13.9	14.9	13.5	14.7	14.8	13.1	14.5	15.1
	120		13.4	11.7	12.4	10.8	11.8	10.4	11.6	13.6	10.2	11.6	13.9
	130		10.8	9.3	9.8	8.6	9.4	8.2	9.2	12.4	8.1	9.3	11.8
	140		8.9	7.5	8.1	6.7	7.6	6.4	7.5	10.5	6.3	7.5	9.7
	150		7.4	5.8	6.4	5.0	5.9	4.6	5.8	8.9	4.6	6.0	8.2
	170			3.0	3.6		3.1		2.9	6.5		3.1	5.8
	190								4.4				3.6
	208												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x










TK: T K-38ft



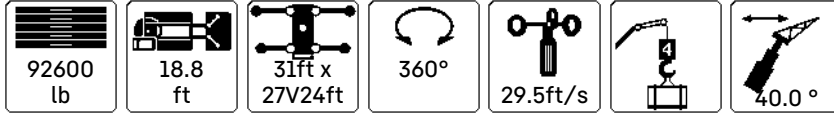
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	28.2	26.2	24.0	23.9	20.8	17.0						
	45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1		
	50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6	
	60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3	
	70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9	
	80	24.0	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4	
	90	19.5	20.6	17.7	19.1	16.8	13.3	16.2	12.8	12.6	12.0	11.8	
	100	15.8	17.4	16.3	15.6	15.7	12.4	15.3	12.0	11.9	11.4	11.2	
	110	12.8	14.4	15.1	12.7	14.4	11.6	13.1	11.3	11.2	10.8	10.7	
	120	10.3	11.8	13.3	10.3	12.3	10.8	10.8	10.6	10.2	10.1	9.8	
	130	8.2	9.5	10.8	8.2	10.1	10.0	8.8	9.6	8.6	8.2	7.9	
	140	6.3	7.7	8.9	6.4	8.3	8.9	7.0	7.9	6.9	6.5	6.2	
	150	4.6	6.2	7.4	4.9	6.8	7.4	5.5	6.4	5.4	5.1	4.8	
	170		3.5	4.8		4.2	4.9	2.9	3.8	2.9	2.6	2.2	
	190			2.6			2.7						
	208												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



		x1000lb											
 ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18		44.8											
20		43.1											
25		37.9											
30		33.2											
35		29.5	36.5										
40		26.5	34.8	34.5	34.3	33.3	32.8						
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
50		22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
60		18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
70		17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2
80			23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5
90			22.0	22.6	22.5	22.8	22.6	22.3	22.3	16.9	21.8	21.7	17.0
100			20.6	20.3	20.5	19.3	20.2	18.4	19.6	15.5	17.8	19.1	15.6
110			17.7	16.2	16.8	15.4	16.3	15.0	16.1	14.2	14.5	15.8	14.4
120			14.4	12.8	13.4	12.0	12.9	11.7	12.8	13.1	11.6	12.9	13.4
130			11.6	10.1	10.7	9.4	10.2	9.1	10.1	12.1	9.1	10.2	12.3
140			9.4	8.2	8.7	7.6	8.3	7.3	8.2	11.1	7.2	8.3	10.5
150			7.8	6.4	7.0	5.7	6.6	5.5	6.6	9.4	5.5	6.7	8.8
170				3.3	3.9	2.6	3.5	2.3	3.5	6.8	2.3	3.7	6.2
190										4.6			4.0
208													2.3
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

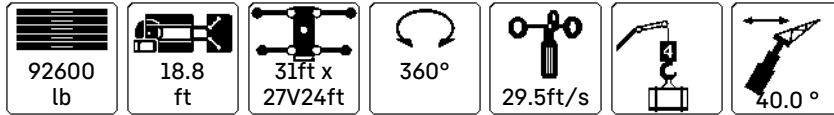
TK: T K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	24.2												
35	22.4												
40	20.9												
45	19.7	22.7	22.8	22.7									
50	18.6	22.0	22.1	22.0	22.1	21.9							
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2	
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5	
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8	
90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5	
100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3	
110		17.0	16.8	17.0	16.4	17.2	16.1	17.0	14.0	15.7	16.8	14.2	
120		15.0	13.6	14.2	12.9	13.8	12.6	13.7	13.0	12.6	13.8	13.2	
130		12.0	10.7	11.2	10.0	10.9	9.8	10.8	12.1	9.8	11.0	12.3	
140		9.6	8.5	9.0	8.0	8.7	7.8	8.7	11.2	7.8	8.8	10.9	
150		7.9	6.7	7.3	6.2	7.0	6.0	7.0	9.7	6.1	7.1	9.2	
170					2.7	3.7	2.6	3.8	7.0	2.8	4.1	6.4	
190									4.7			4.1	
208													

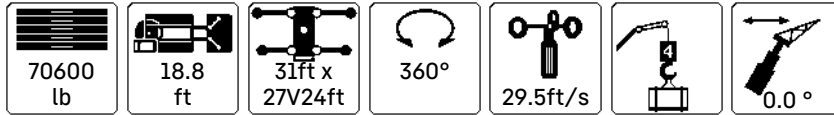
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



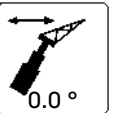
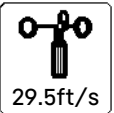
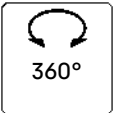
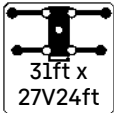
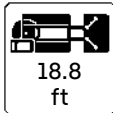
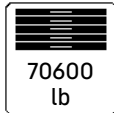
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		20.1											
70		19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1				
80		18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4	
90		18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8	
100		17.5	17.2	15.2	17.1	14.6	12.2	14.3	11.9	11.7	11.3	11.2	
110		15.4	16.4	14.2	15.3	13.7	11.4	13.5	11.1	11.1	10.7	10.6	
120		12.6	14.0	13.2	12.5	12.9	10.7	12.7	10.5	10.4	10.1	10.0	
130		9.9	11.2	12.3	10.2	12.0	10.0	10.7	9.9	9.9	9.6	9.4	
140		8.0	9.1	10.2	8.2	9.7	9.4	8.7	9.2	8.6	8.3	8.0	
150		6.3	7.4	8.4	6.4	8.0	8.5	7.0	7.8	6.9	6.6	6.4	
170		3.1	4.5	5.7	3.4	5.3	5.8	4.1	5.0	4.1	3.9	3.6	
190				3.3		2.7	3.5		2.7				
208													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	ft												
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.1	34.4	35.1	32.5	33.7	31.2	32.1	23.9	29.6	29.2	23.5
	70	13.8	29.4	26.8	27.5	25.1	26.3	24.2	25.5	21.6	23.2	24.7	21.4
	80		23.5	21.1	21.9	19.6	20.8	18.7	20.2	19.6	18.1	19.5	19.6
	90		18.8	16.7	17.4	15.3	16.4	14.5	15.9	17.8	14.1	15.6	17.8
	100		14.6	12.9	13.6	11.8	12.9	11.1	12.5	16.2	10.8	12.3	15.2
	110		11.3	9.7	10.3	9.0	9.8	8.3	9.6	13.3	8.0	9.7	12.4
	120		8.9	7.6	8.1	6.7	7.6	6.0	7.4	10.6	5.7	7.4	9.8
	130		7.1	5.6	6.2	4.7	5.7	4.1	5.4	8.7	3.8	5.4	8.0
	140		5.4	3.8	4.4	2.9	4.0		3.8	7.2		3.7	6.5
	150		3.9		2.9		2.2			5.9			5.2
	170									3.6			2.8
	190												
	191												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

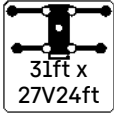
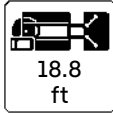
TK: T K-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	28.2	26.2	24.0	23.9	20.8	17.0							
45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1			
50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6		
60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3		
70	22.4	24.0	20.9	21.9	19.2	15.1	18.1	14.2	13.9	13.2	12.9		
80	17.6	19.2	19.2	17.2	18.0	14.2	17.0	13.5	13.3	12.6	12.4		
90	13.8	15.3	16.8	13.5	15.6	13.3	13.9	12.8	12.6	12.0	11.8		
100	10.6	12.2	13.7	10.6	12.6	12.4	11.0	11.5	10.7	10.2	9.9		
110	8.0	9.6	11.1	8.1	10.1	10.7	8.6	9.4	8.4	8.0	7.7		
120	5.8	7.5	8.9	6.0	8.0	8.6	6.5	7.4	6.4	6.0	5.7		
130	3.8	5.6	7.1	4.1	6.2	6.9	4.8	5.7	4.7	4.4	4.1		
140		4.0	5.6	2.2	4.7	5.3	3.2	4.2	3.3	2.8	2.5		
150		2.4	4.1		3.3	4.0		2.9					
170													
190													
191													

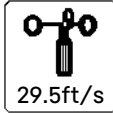
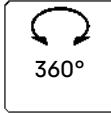
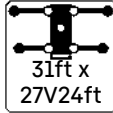
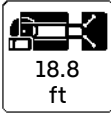
1%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
2%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
3%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
4%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
5%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
6%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
7%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
EST1		2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



		x1000lb											
ft	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18		44.8											
20		43.1											
25		37.9											
30		33.2											
35		29.5	36.5										
40		26.5	34.8	34.5	34.3	33.3	32.8						
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
50		22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
60		18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
70		17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.1	24.4	20.2
80			23.7	23.1	23.8	21.9	22.9	21.1	22.2	18.5	20.3	21.5	18.5
90			20.4	18.5	19.2	17.3	18.3	16.5	17.8	16.9	16.0	17.3	17.0
100			16.0	14.5	15.1	13.5	14.5	12.8	14.2	15.5	12.5	13.9	15.6
110			12.5	11.0	11.6	10.2	11.1	9.8	10.9	14.2	9.6	11.0	13.6
120			9.7	8.5	9.0	7.8	8.6	7.3	8.5	11.6	7.1	8.5	10.8
130			7.8	6.5	7.0	5.8	6.7	5.2	6.5	9.4	5.0	6.5	8.7
140			6.0	4.6	5.2	3.9	4.8	3.3	4.7	7.8	3.2	4.7	7.2
150			4.4	2.9	3.5		3.2		3.1	6.4		3.1	5.8
170										4.0			3.3
190													
191													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

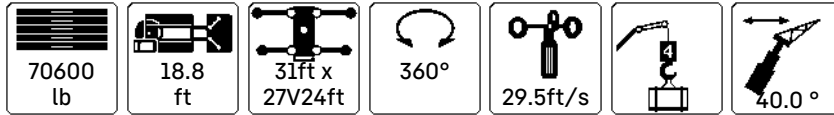
TK: T K-38ft












ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4				
70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8		
80	19.7	21.0	18.1	19.2	17.2	13.9	16.5	13.3	13.1	12.5	12.3		
90	15.6	17.0	16.8	15.3	16.0	13.0	15.3	12.5	12.4	11.9	11.7		
100	12.3	13.7	14.9	12.1	14.0	12.2	12.5	11.8	11.7	11.2	11.0		
110	9.5	10.9	12.3	9.5	11.4	11.3	9.9	10.6	9.7	9.3	9.0		
120	7.1	8.7	9.9	7.2	9.1	9.7	7.7	8.6	7.6	7.2	6.9		
130	5.1	6.7	7.9	5.3	7.2	7.8	5.9	6.7	5.8	5.5	5.2		
140	3.2	4.9	6.4	3.6	5.6	6.2	4.3	5.1	4.2	3.9	3.6		
150		3.4	4.9		4.1	4.8	2.8	3.8	2.9	2.4			
170			2.3			2.3							
190													
191													

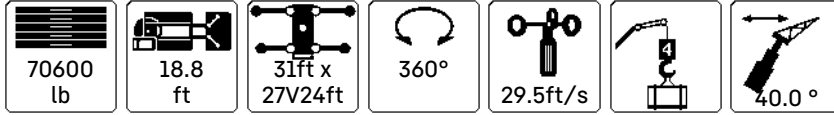
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



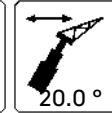
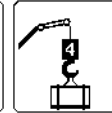
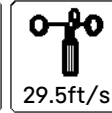
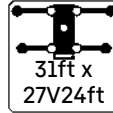
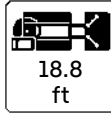
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	24.2											
	35	22.4											
	40	20.9											
	45	19.7	22.7	22.8	22.7								
	50	18.6	22.0	22.1	22.0	22.1	21.9						
	60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
	70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5
	80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8
	90		18.0	18.2	18.2	18.1	18.2	17.7	18.2	16.5	17.6	18.0	16.5
	100		16.8	15.7	16.2	14.9	15.8	14.3	15.5	15.2	13.9	15.1	15.3
	110		13.3	11.9	12.5	11.2	12.1	10.9	12.0	14.0	10.8	12.1	14.2
	120		10.3	9.1	9.6	8.6	9.2	8.3	9.2	12.3	8.2	9.3	11.6
	130		8.1	7.0	7.5	6.5	7.2	6.0	7.2	9.9	5.9	7.3	9.3
	140		6.3	5.0	5.6	4.5	5.4	4.1	5.3	8.2	3.9	5.4	7.6
	150		4.4	3.2	3.8	2.6	3.6		3.6	6.7		3.7	6.2
	170									4.2			3.6
	190												
	191												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



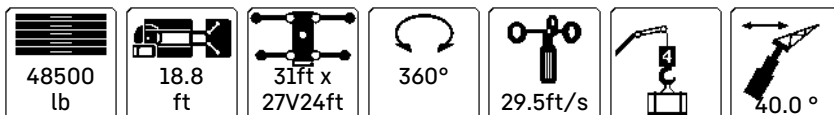
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	20.1											
	70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1				
	80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4	
	90	17.1	17.7	16.4	16.8	15.6	13.0	15.2	12.6	12.4	12.0	11.8	
	100	13.6	15.0	15.2	13.4	14.6	12.2	13.8	11.9	11.7	11.3	11.2	
	110	10.7	12.0	13.3	10.6	12.4	11.4	11.1	11.1	10.7	10.4	10.1	
	120	8.2	9.6	10.7	8.2	10.0	10.3	8.7	9.5	8.6	8.2	7.9	
	130	6.0	7.5	8.5	6.2	8.0	8.6	6.8	7.5	6.7	6.3	6.1	
	140	4.1	5.7	6.9	4.4	6.3	6.8	5.0	5.9	5.0	4.7	4.4	
	150	2.2	4.0	5.4	2.6	4.7	5.3	3.5	4.4	3.5	3.2	2.9	
	170			2.8			2.8						
	190												
	191												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	










TK: T K-38ft



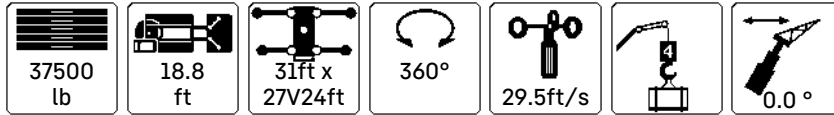
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18		44.8											
20		43.1											
25		37.9											
30		33.2											
35		29.5	36.5										
40		26.5	34.8	34.5	34.3	33.3	32.8						
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
50		22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
60		18.9	28.2	27.8	28.4	26.3	27.2	25.2	26.3	22.3	24.3	25.3	22.0
70		17.0	23.3	21.1	21.8	19.7	20.7	18.8	20.1	20.3	18.3	19.6	20.2
80			18.1	16.0	16.7	14.7	15.8	14.0	15.3	18.4	13.6	15.0	17.6
90			13.9	12.0	12.7	10.9	11.9	10.2	11.5	15.3	9.9	11.4	14.1
100			10.2	8.9	9.4	7.8	8.8	7.1	8.4	12.1	6.9	8.4	11.2
110			7.8	6.3	6.9	5.2	6.2	4.6	5.9	9.4	4.4	5.9	8.7
120			5.8	4.1	4.8	2.8	4.1		3.8	7.5		3.8	6.8
130			3.9		2.7					5.9			5.1
140										4.5			3.6
150										3.2			
170													
1%													
2%													
3%													
4%													
5%													
6%													
7%													
EST1		2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x










TK: T K-38ft



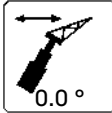
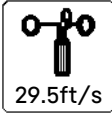
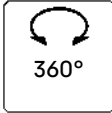
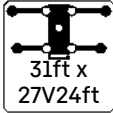
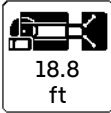
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	24.2											
	35	22.4											
	40	20.9											
	45	19.7	22.7	22.8	22.7								
	50	18.6	22.0	22.1	22.0	22.1	21.9						
	60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
	70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.5	19.4	18.5
	80		18.7	17.7	18.1	16.7	17.6	15.9	17.1	17.9	15.5	16.8	17.8
	90		15.2	13.5	14.2	12.5	13.4	11.8	13.1	16.2	11.5	12.9	15.3
	100		11.3	10.0	10.5	9.1	10.1	8.5	9.8	13.1	8.3	9.7	12.2
	110		8.5	7.3	7.8	6.3	7.3	5.8	7.0	10.1	5.6	7.0	9.5
	120		6.4	4.9	5.6	4.0	5.0	3.4	4.8	8.1	3.2	4.8	7.5
	130		4.4	2.7	3.6		2.9		2.6	6.4		2.7	5.8
	140		2.3							4.9			4.2
	150									3.6			2.6
	170												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.1	45.0	41.9	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	42.7	39.3	40.1	36.9	38.0	35.1	35.5	27.4	32.2	31.0	25.9
	45	25.2	36.1	32.9	33.7	30.8	32.0	29.3	30.9	27.1	28.3	29.3	25.7
	50	21.9	30.7	27.7	28.5	25.8	27.0	24.5	26.1	26.2	23.7	25.3	25.3
	60	17.1	22.5	20.0	20.7	18.3	19.5	17.3	18.8	23.3	16.7	18.5	21.5
	70	13.8	16.8	14.4	15.1	12.9	14.1	12.1	13.6	18.1	11.6	13.3	16.5
	80		12.5	10.2	11.0	8.9	10.0	8.1	9.6	14.1	7.7	9.4	12.7
	90		9.1	6.9	7.7	5.7	6.8	4.9	6.4	10.9	4.6	6.4	9.7
	100		6.5	4.3	5.1	2.6	4.3		3.7	8.3		3.7	7.2
	110		4.3		2.5					6.2			5.1
	120									4.4			3.2
	130									2.8			
	140												
	150												
	155												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TK: T K-38ft



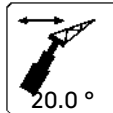
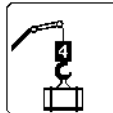
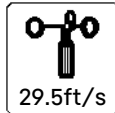
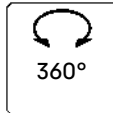
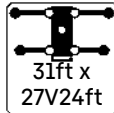
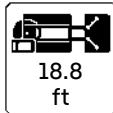
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		28.2	26.2	24.0	23.9	20.8	17.0						
45		26.7	26.0	23.8	23.6	20.8	16.8	19.0	15.5	15.0	14.1		
50		22.7	24.4	23.6	21.8	20.7	16.5	19.0	15.3	14.8	14.0	13.6	
60		16.3	17.9	19.5	15.7	17.9	15.9	15.8	14.8	14.3	13.5	13.2	
70		11.5	13.2	14.7	11.3	13.4	13.9	11.5	12.3	11.1	10.5	10.2	
80		7.7	9.6	11.1	7.8	9.9	10.5	8.2	9.0	7.9	7.5	7.1	
90		4.7	6.6	8.2	4.9	7.2	7.8	5.6	6.5	5.4	5.0	4.6	
100			4.1	5.8		4.9	5.6	3.0	4.3		2.4		
110				3.6		2.6	3.6						
120													
130													
140													
150													
155													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



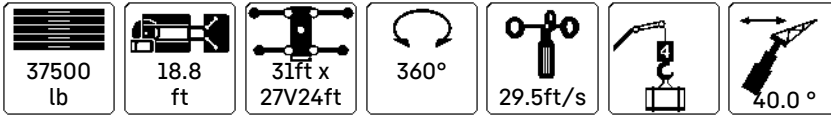
		x1000lb											
ft	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
		10											
12													
14													
16													
18		44.8											
20		43.1											
25		37.9											
30		33.2											
35		29.5	36.5										
40		26.5	34.8	34.5	34.3	33.3	32.8						
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
50		22.0	31.2	31.0	31.1	29.6	30.2	28.3	29.2	24.4	27.3	26.8	
60		18.9	25.4	23.0	23.7	21.5	22.6	20.5	21.8	22.3	19.9	21.2	22.0
70		17.0	19.1	16.9	17.6	15.6	16.6	14.8	16.1	19.9	14.3	15.8	18.5
80			14.4	12.3	13.0	11.1	12.2	10.4	11.7	15.7	10.1	11.6	14.3
90			10.6	8.8	9.5	7.7	8.7	7.0	8.3	12.3	6.7	8.2	11.1
100			7.8	5.9	6.6	4.8	5.9	4.1	5.6	9.4	3.8	5.6	8.5
110			5.5	3.4	4.3		3.4		3.0	7.3		3.0	6.3
120			3.4							5.4			4.4
130										3.8			2.6
140													
150													
155													
1	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TK: T K-38ft



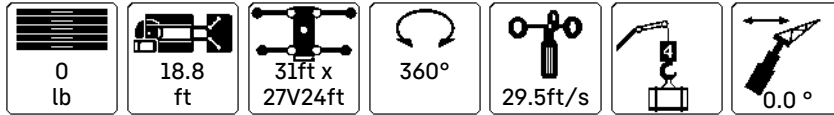
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	19.1	20.5	21.3	18.5	19.4	15.7	17.9	14.7	14.4		
	70	14.0	15.4	16.8	13.6	15.5	14.8	13.7	14.0	13.2	12.7	12.2
	80	10.0	11.5	12.8	9.8	11.7	12.2	10.2	10.8	9.8	9.3	9.0
	90	6.7	8.4	9.8	6.9	8.8	9.3	7.3	8.0	7.0	6.6	6.3
	100	3.9	5.7	7.2	4.2	6.4	6.9	5.0	5.8	4.8	4.4	4.1
	110		3.4	5.1		4.2	5.0	2.6	3.7			
	120			3.0			3.1					
	130											
	140											
	150											
	155											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



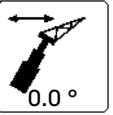
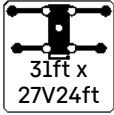
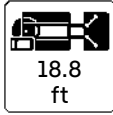
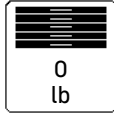
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		20.1											
70		16.2	17.4	18.1	15.7	17.2	14.8	15.7	14.1				
80		11.9	13.1	14.4	11.6	13.3	13.7	11.8	12.4	11.4	11.0	10.7	
90		8.4	9.8	11.1	8.4	10.1	10.6	8.7	9.4	8.5	8.1	7.8	
100		5.5	7.0	8.4	5.7	7.6	8.1	6.2	6.9	6.0	5.6	5.4	
110		2.8	4.6	6.1	3.2	5.4	5.9	4.1	4.9	3.9	3.6	3.2	
120			2.4	4.1		3.3	4.1		2.9				
130													
140													
150													
155													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
%	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TK: T K-38ft



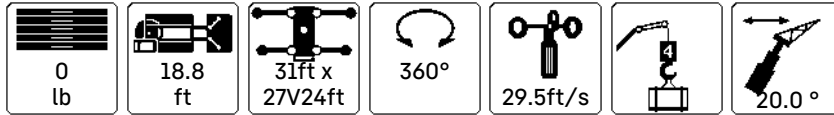
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	11												
	12	46.1											
	13	46.1											
	14	46.1											
	15	46.1											
	16	46.1											
	17	46.1											
	18	46.1											
	19	46.1											
	20	46.1	46.1										
	22	46.1	45.9										
	24	46.1	42.3	37.6	38.6								
	26	46.1	37.7	33.3	34.3	30.4							
	28	45.8	33.7	29.6	30.5	26.9	28.3						
	30	42.7	30.3	26.5	27.4	23.9	25.3	22.2	23.9				
	32	39.4	27.2	23.7	24.6	21.4	22.7	19.7	21.4	26.7			
	34	36.4	24.5	21.1	22.0	19.0	20.3	17.5	19.2	24.6	16.5	18.5	
	36	33.7	22.2	18.9	19.8	16.9	18.2	15.5	17.2	22.5	14.7	16.6	20.5
	38	31.5	20.0	16.9	17.8	15.0	16.3	13.7	15.4	20.6	12.9	14.8	18.7
	40	29.3	18.1	15.1	16.0	13.3	14.6	12.0	13.7	18.9	11.4	13.3	17.1
	45	25.2	14.1	11.3	12.1	9.6	10.9	8.5	10.2	15.2	7.9	9.9	13.6
	50	21.2	10.8	8.2	9.0	6.3	7.9	4.9	7.2	12.3	4.2	7.0	10.7
	55	17.0	8.2	5.1	6.2	3.3	4.8		4.2	9.8		4.0	8.4
	60	13.8	5.7							7.8			6.3
	65	11.2	3.3							6.0			4.2
	70	9.3								4.0			2.5
	75									2.4			
	80												
	85												
	90												
	95												
	100												
	105												
	108												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x	1x	1x

TK: T K-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	217.2	225.6	230.2	237.3				
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38	12.5	14.6	16.5	14.4								
	40	11.1	13.1	15.0	13.1	13.5							
	45	7.6	9.8	11.8	10.2	10.7	7.9	8.8	7.1				
	50		7.1	9.1	7.7	8.4	5.1	6.2	4.5				
	55		4.2	6.7	5.0	6.2	2.9	3.9					
	60			4.2	2.9	3.9							
	65			2.4									
	70												
	75												
	80												
	85												
	90												
	95												
	100												
	105												
	108												
	1	90+	45+	0+	45+	0+	90+	45+	90+				
	2	90+	90+	90+	90+	100+	90+	100+	90+				
	3	90+	90+	90+	90+	100+	90+	100+	90+				
	4	90+	90+	90+	90+	100+	90+	100+	100+				
	5	90+	90+	90+	90+	100+	90+	100+	100+				
	6	45+	90+	90+	90+	100+	90+	100+	100+				
	7	45+	45+	90+	90+	100+	90+	100+	100+				
	EST1	1x	1x	1x	1x	1x	1x	1x	1x				

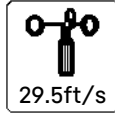
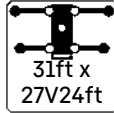
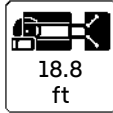
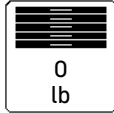
TK: T K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
11													
12													
13													
14													
15													
16													
17													
18	44.8												
19	43.9												
20	43.1												
22	41.2												
24	38.9												
26	36.9												
28	34.9												
30	33.2												
32	31.6												
34	30.2	29.9											
36	28.9	27.2	24.3										
38	27.6	24.8	22.0	22.7									
40	26.5	22.6	20.0	20.6	18.2	19.2							
45	24.1	18.0	15.5	16.2	14.0	15.0	13.0	14.3					
50	22.0	14.3	12.0	12.7	10.6	11.6	9.7	11.0	15.2	9.2	10.7		
55	19.0	11.3	9.1	9.8	7.8	8.8	6.9	8.3	12.4	6.3	8.1	11.1	
60	15.3	8.8	6.7	7.4	5.0	6.5	3.9	5.8	10.1	3.5	5.6	8.9	
65	12.3	6.7	4.0	5.0		3.9		3.3	8.2		3.1	7.0	
70	9.9	4.5							6.5			5.3	
75		2.5							4.9			3.3	
80									3.3				
85													
90													
95													
100													
105													
108													

1%	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	45+	90+	45+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TK: T K-38ft



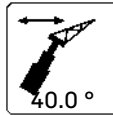
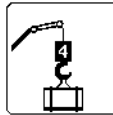
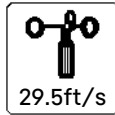
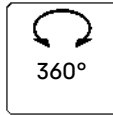
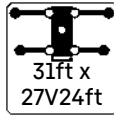
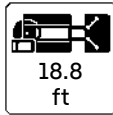
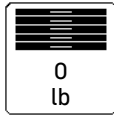
		x1000lb										
	ft	199.3	199.6	199.6	212.6	217.2						
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	22											
	24											
	26											
	28											
	30											
	32											
	34											
	36											
	38											
	40											
	45											
	50											
	55	6.2	8.1	9.7	8.5							
	60		5.8	7.5	6.5	7.1						
	65		3.4	5.6	4.2	5.2						
	70			3.5	2.4	3.3						
	75											
	80											
	85											
	90											
	95											
	100											
	105											
	108											
	1	90+	45+	0+	45+	0+						
	2	90+	90+	90+	90+	100+						
	3	90+	90+	90+	90+	100+						
	4	90+	90+	90+	90+	100+						
	5	90+	90+	90+	90+	100+						
	6	45+	90+	90+	90+	100+						
	7	45+	45+	90+	90+	100+						
	EST1	1x	1x	1x	1x	1x						

TK: T K-38ft



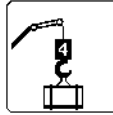
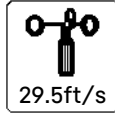
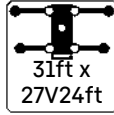
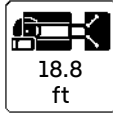
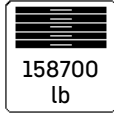
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26													
28	25.1												
30	24.2												
32	23.5												
34	22.7												
36	22.1												
38	21.5												
40	20.9												
45	19.7	21.6	19.4	19.9									
50	18.6	17.5	15.4	16.0	14.1	14.9							
55	17.8	14.1	12.1	12.7	10.9	11.8	10.1	11.2		9.6			
60	16.4	11.3	9.4	10.0	8.2	9.1	7.5	8.7	12.3	7.1	8.5	11.1	
65	13.0	8.9	7.0	7.6	5.9	6.9	5.1	6.5	10.1	4.6	6.3	9.0	
70	9.9	6.9	4.8	5.6	3.4	4.7		4.2	8.2		4.1	7.2	
75		4.9	2.5	3.3		2.5			6.6			5.6	
80		3.0							5.2			3.9	
85									3.6				
90									2.2				
95													
100													
105													
108													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TK: T K-38ft



		x1000lb									
	ft	199.6	199.6	212.6	217.2						
	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60										
	65	6.3	7.8								
	70	4.2	6.0	5.1	5.7						
	75	2.3	4.1	3.0	4.0						
	80				2.4						
	85										
	90										
	95										
	100										
	105										
	108										
	1	45+	0+	45+	0+						
	2	90+	90+	90+	100+						
	3	90+	90+	90+	100+						
	4	90+	90+	90+	100+						
	5	90+	90+	90+	100+						
	6	90+	90+	90+	100+						
	7	45+	90+	90+	100+						
	EST1	1x	1x	1x	1x						










TK: T K-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8			18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5		17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
	100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
	110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
	120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
	130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
	140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
	150				7.3	7.8	7.6	7.8	7.9	7.5	7.7	7.9	7.5
	170				6.5	7.6	7.6	6.8	7.6	7.5	6.8	7.6	7.5
	190				5.8			6.1	7.6	7.5	6.1	7.5	7.5
	210												
	230												
	250												
	270												
	275												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8
	120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6
	130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5
	140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5
	150	8.1	7.9	7.5	8.0	7.9	7.5	8.4	7.9	7.4	8.3	7.9	7.4
	170	7.2	7.6	7.5	7.1	7.6	7.5	7.4	7.6	7.4	7.3	7.6	7.4
	190	6.4	7.5	7.5	6.4	7.5	7.5	6.6	7.4	7.4	6.6	7.4	7.4
	210	5.9	7.2		5.9	7.5		6.1	6.9	7.1	6.1	7.4	7.4
	230							2.5			3.5		
	250												
	270												
	275												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

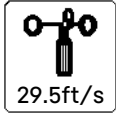
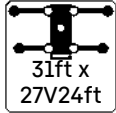
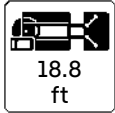
TK: T K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.6	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	9.0	8.1	7.4	8.9	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	8.5	7.9	7.4	8.3	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	7.6	7.6	7.3	7.5	7.6	7.3	7.1	7.4	7.3	
190	6.3	6.9	7.0	6.8	7.4	7.3	6.8	7.4	7.3	6.5	7.0	7.1	
210	5.9	6.2	6.4	6.2	7.0	7.2	6.2	7.3	7.3	6.1	6.4	6.6	
230	5.4			4.2	4.6	4.5	5.3	5.7	5.7	5.7	5.8	6.0	
250													
270													
275													

1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
2%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
6%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
7%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

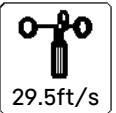
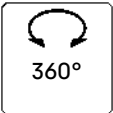
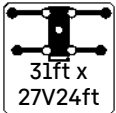
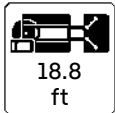
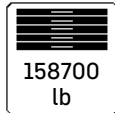
TK: T K-66ft



ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
20														
25														
30														
35														
40	13.9			13.2				12.2						
45	13.8			13.1				12.1			12.3			
50	13.7			13.0				12.0			12.2			
60	13.3			12.6				11.7			11.9			
70	12.9	10.2		12.3	9.9			11.4	9.6		11.6	9.8		
80	12.3	9.8	8.2	11.7	9.5	8.1		11.0	9.3		11.3	9.4		
90	11.7	9.4	8.0	11.2	9.2	7.9		10.5	8.9	7.8	10.8	9.1	7.9	
100	11.1	9.1	7.8	10.6	8.9	7.7		10.1	8.6	7.6	10.4	8.7	7.7	
110	10.5	8.8	7.7	10.2	8.6	7.6		9.7	8.4	7.5	9.9	8.5	7.5	
120	10.0	8.5	7.5	9.7	8.3	7.5		9.3	8.1	7.4	9.6	8.3	7.4	
130	9.5	8.2	7.4	9.2	8.1	7.4		8.9	7.9	7.3	9.2	8.0	7.3	
140	9.0	8.0	7.4	8.7	7.9	7.3		8.4	7.8	7.3	8.8	7.9	7.3	
150	8.5	7.8	7.3	8.3	7.7	7.3		8.0	7.6	7.3	8.4	7.7	7.2	
170	7.6	7.5	7.3	7.5	7.5	7.3		7.3	7.3	7.4	7.3	7.6	7.4	7.2
190	7.0	7.4	7.3	6.8	7.3	7.3		6.7	7.1	7.2	7.0	7.3	7.2	
210	6.3	7.1	7.2	6.3	7.0	7.2		6.1	6.4	6.5	6.4	7.1	7.2	
230	4.2	4.8	4.9	5.5	6.0	6.1		5.2	5.4	5.5	4.5	5.1	5.4	
250	2.5	2.8		3.8	4.1			4.4	4.5		2.7	3.2	3.2	
270														
275														

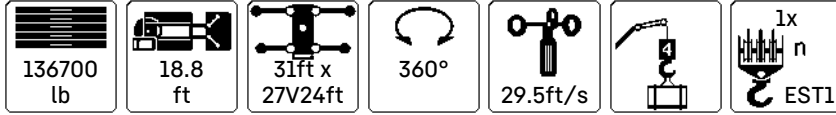
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



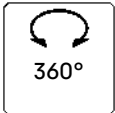
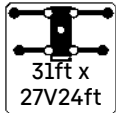
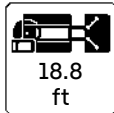
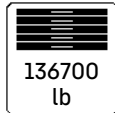
		x1000lb											
ft		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1				
20													
25													
30													
35													
40													
45													
50		9.2			8.5			8.2					
60		9.2			8.5			8.2					
70		9.2			8.5			8.2					
80		9.1	8.4		8.5	8.2		8.2	8.2				
90		8.9	8.2		8.5	8.0		8.2	8.0				
100		8.8	8.0	7.3	8.4	7.9	7.2	8.2	7.8				
110		8.5	7.8	7.2	8.2	7.7	7.1	8.1	7.7				
120		8.2	7.7	7.1	7.9	7.5	7.1	7.8	7.5				
130		7.9	7.5	7.1	7.6	7.4	7.0	7.6	7.4				
140		7.5	7.4	7.0	7.3	7.2	7.0	7.3	7.2				
150		7.2	7.1	7.0	7.0	7.0	6.9	7.0	7.0				
170		6.6	6.6	6.7	6.3	6.4	6.6	6.3	6.4				
190		6.0	6.0	6.2	5.5	5.7	6.0	5.4	5.7				
210		5.4	5.5	5.7	4.7	5.0	5.2	4.5	4.9				
230		4.8	5.0	5.2	4.0	4.2	4.4	3.4	3.8				
250		3.2	3.8	4.0	3.0	3.4	3.5	2.4	2.8				
270													
275													
	1	90+	90+	90+	90+	90+	90+	100+	100+				
	2	90+	90+	90+	100+	100+	100+	100+	100+				
	3	90+	90+	90+	100+	100+	100+	100+	100+				
	4	100+	100+	100+	100+	100+	100+	100+	100+				
	5	100+	100+	100+	100+	100+	100+	100+	100+				
	6	100+	100+	100+	100+	100+	100+	100+	100+				
	7	100+	100+	100+	100+	100+	100+	100+	100+				
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0				

TK: T K-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	10	21.2											
	12	21.2											
	14	21.2											
	16	21.2											
	18	21.2											
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8	14.2		18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
	100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
	110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
	120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
	130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
	140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
	150				7.3	7.8	7.6	7.8	7.9	7.5	7.7	7.9	7.5
	170				6.5	7.6	7.6	6.8	7.6	7.5	6.8	7.6	7.5
	190				5.8			6.1	7.6	7.5	6.1	7.5	7.5
	210												
	230												
	250												
	262												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8
	120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6
	130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5
	140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5
	150	8.1	7.9	7.5	8.0	7.9	7.5	8.4	7.9	7.4	8.3	7.9	7.4
	170	7.2	7.6	7.5	7.1	7.6	7.5	7.4	7.6	7.4	7.3	7.6	7.4
	190	6.4	7.3	7.5	6.4	7.5	7.5	6.2	7.2	7.4	6.6	7.4	7.4
	210	4.4	4.8		5.2	5.6		4.0	4.6	4.6	5.0	5.5	5.7
	230										3.2		
	250												
	262												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

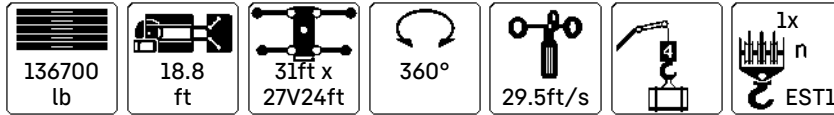
TK: T K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.6	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	9.0	8.1	7.4	8.9	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	8.5	7.9	7.4	8.3	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	7.6	7.6	7.3	7.5	7.6	7.3	7.1	7.4	7.3	
190	6.3	6.9	7.0	6.1	7.1	7.3	6.8	7.4	7.3	6.5	7.0	7.1	
210	5.9	6.2	6.4	3.8	4.6	4.9	5.0	5.7	6.0	6.1	6.4	6.6	
230	5.4				2.4	2.3	3.2	3.6	3.5	5.5	5.8	5.8	
250													
262													

%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

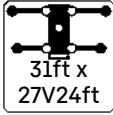
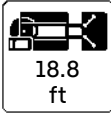
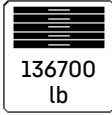
TK: T K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	13.9			13.2				12.2					
45	13.8			13.1				12.1			12.3		
50	13.7			13.0				12.0			12.2		
60	13.3			12.6				11.7			11.9		
70	12.9	10.2		12.3	9.9			11.4	9.6		11.6	9.8	
80	12.3	9.8	8.2	11.7	9.5	8.1		11.0	9.3		11.3	9.4	
90	11.7	9.4	8.0	11.2	9.2	7.9		10.5	8.9	7.8	10.8	9.1	7.9
100	11.1	9.1	7.8	10.6	8.9	7.7		10.1	8.6	7.6	10.4	8.7	7.7
110	10.5	8.8	7.7	10.2	8.6	7.6		9.7	8.4	7.5	9.9	8.5	7.5
120	10.0	8.5	7.5	9.7	8.3	7.5		9.3	8.1	7.4	9.6	8.3	7.4
130	9.5	8.2	7.4	9.2	8.1	7.4		8.9	7.9	7.3	9.2	8.0	7.3
140	9.0	8.0	7.4	8.7	7.9	7.3		8.4	7.8	7.3	8.8	7.9	7.3
150	8.5	7.8	7.3	8.3	7.7	7.3		8.0	7.6	7.3	8.4	7.7	7.2
170	7.6	7.5	7.3	7.5	7.5	7.3		7.3	7.4	7.3	7.6	7.4	7.2
190	6.2	7.1	7.3	6.8	7.3	7.3		6.7	7.1	7.2	6.4	7.2	7.2
210	3.9	4.8	5.2	5.2	6.0	6.4		6.1	6.4	6.5	4.2	5.1	5.6
230		2.6	2.8	3.4	3.9	4.0		4.6	5.1	5.2	2.3	3.0	3.2
250								3.1	3.3				
262													

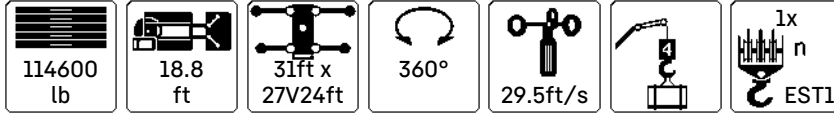
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



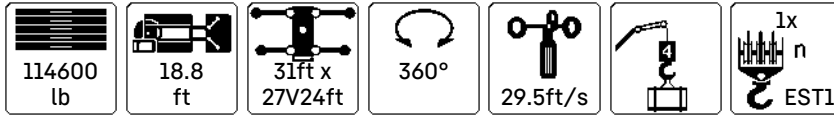
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6			9.6			
60	11.1			10.0			10.4			9.5			
70	10.9	9.4		9.9			10.2			9.4			
80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5		
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3		
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3	
110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2	
120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1	
130	8.9	7.9	7.3	8.1	7.7	7.2	8.8	7.8	7.2	7.9	7.6	7.1	
140	8.6	7.7	7.2	7.7	7.5	7.1	8.5	7.6	7.2	7.6	7.4	7.1	
150	8.1	7.6	7.2	7.3	7.2	7.1	8.2	7.5	7.1	7.2	7.2	7.0	
170	7.4	7.3	7.2	6.4	6.6	6.7	7.4	7.3	7.1	6.4	6.5	6.7	
190	6.8	7.1	7.1	5.4	5.7	6.0	6.6	7.0	7.1	5.5	5.8	6.0	
210	5.6	6.3	6.6	4.5	4.8	5.0	4.5	5.5	6.0	4.7	4.9	5.1	
230	3.7	4.3	4.6	3.6	3.8	4.0	2.6	3.4	3.8	3.5	4.1	4.3	
250		2.5	2.5	2.7	2.9	2.9					2.5	2.7	
262					2.2								
%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	10	21.2											
	12	21.2											
	14	21.2											
	16	21.2											
	18	21.2											
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8	14.2		18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
	100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
	110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
	120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
	130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
	140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
	150				7.3	7.8	7.6	7.8	7.9	7.5	7.7	7.9	7.5
	170				6.5	7.6	7.6	6.8	7.6	7.5	6.8	7.6	7.5
	190				5.8			4.9	5.5	5.5	5.5	6.0	6.1
	210												
	230												
	246												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



		x1000lb											
ft													
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
10													
12													
14													
16													
18													
20													
25													
30	17.3			17.1									
35	17.3			17.0			16.3			16.0			
40	17.1			16.9			16.2			15.9			
45	16.9			16.7			16.1			15.7			
50	16.6			16.4			15.9			15.6			
60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5		
70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7		
80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4	
90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2	
100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0	
110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8	
120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6	
130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5	
140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5	
150	8.1	7.9	7.5	8.0	7.9	7.5	8.4	7.9	7.4	8.3	7.9	7.4	
170	6.7	7.6	7.5	7.1	7.6	7.5	6.2	7.4	7.4	7.2	7.6	7.4	
190	4.1	4.9	5.2	4.9	5.7	6.0	3.7	4.6	5.1	4.7	5.6	6.1	
210		2.5		2.9	3.3			2.2	2.3	2.7	3.2	3.3	
230													
246													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.6	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	9.0	8.1	7.4	8.9	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	8.5	7.9	7.4	8.3	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	6.1	7.2	7.3	7.1	7.6	7.3	7.1	7.4	7.3	
190	6.3	6.9	7.0	3.5	4.6	5.2	4.7	5.7	6.2	6.5	7.0	7.1	
210	5.8	6.2	6.3		2.2	2.5	2.7	3.4	3.7	5.1	5.6	5.8	
230	4.2									3.4	3.7	3.7	
246										2.4			
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
1%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
1%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
1%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		13.9			13.2			12.2					
45		13.8			13.1			12.1			12.3		
50		13.7			13.0			12.0			12.2		
60		13.3			12.6			11.7			11.9		
70		12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8	
80		12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.3	9.4	
90		11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9
100		11.1	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.4	8.7	7.7
110		10.5	8.8	7.7	10.2	8.6	7.6	9.7	8.4	7.5	9.9	8.5	7.5
120		10.0	8.5	7.5	9.7	8.3	7.5	9.3	8.1	7.4	9.6	8.3	7.4
130		9.5	8.2	7.4	9.2	8.1	7.4	8.9	7.9	7.3	9.2	8.0	7.3
140		9.0	8.0	7.4	8.7	7.9	7.3	8.4	7.8	7.3	8.8	7.9	7.3
150		8.5	7.8	7.3	8.3	7.7	7.3	8.0	7.6	7.3	8.4	7.7	7.2
170		6.2	7.2	7.3	7.2	7.5	7.3	7.3	7.4	7.3	6.2	7.2	7.2
190		3.6	4.8	5.5	5.0	5.9	6.5	6.1	6.8	7.1	3.9	5.0	5.7
210			2.4	2.9	2.9	3.7	4.1	4.1	4.9	5.2		2.8	3.3
230								2.5	3.0	3.1			
246													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



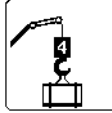
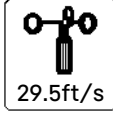
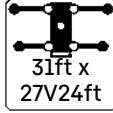
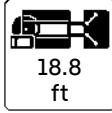
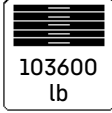
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6			9.6			
60	11.1			10.0			10.4			9.5			
70	10.9	9.4		9.9			10.2			9.4			
80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5		
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3		
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3	
110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2	
120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1	
130	8.9	7.9	7.3	8.1	7.7	7.2	8.8	7.8	7.2	7.9	7.6	7.1	
140	8.6	7.7	7.2	7.7	7.5	7.1	8.5	7.6	7.2	7.6	7.4	7.1	
150	8.1	7.6	7.2	7.3	7.2	7.1	8.2	7.5	7.1	7.2	7.2	7.0	
170	7.3	7.3	7.2	6.4	6.6	6.7	6.3	7.2	7.1	6.4	6.5	6.7	
190	5.3	6.2	6.7	5.4	5.7	6.0	4.1	5.1	5.9	4.8	5.7	6.0	
210	3.3	4.1	4.6	3.9	4.6	5.0		3.1	3.7	3.0	3.9	4.4	
230			2.5		2.8	3.1						2.5	
246													
%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	10	21.2											
	12	21.2											
	14	21.2											
	16	21.2											
	18	21.2											
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8	14.2		18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
	100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
	110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
	120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
	130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
	140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
	150				7.3	7.8	7.6	7.8	7.9	7.5	7.7	7.9	7.5
	170				6.5	7.6	7.6	5.9	6.9	7.3	6.5	7.3	7.5
	190				5.1			3.6	4.1	4.2	4.1	4.7	4.7
	210												
	230												
	235												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

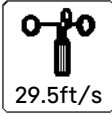
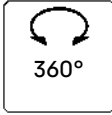
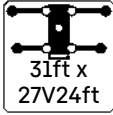
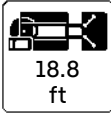
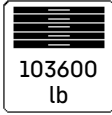
TK: T K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
10													
12													
14													
16													
18													
20													
25													
30	17.3			17.1									
35	17.3			17.0			16.3			16.0			
40	17.1			16.9			16.2			15.9			
45	16.9			16.7			16.1			15.7			
50	16.6			16.4			15.9			15.6			
60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5		
70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7		
80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4	
90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2	
100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0	
110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8	
120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6	
130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5	
140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5	
150	7.9	7.9	7.5	8.0	7.9	7.5	7.6	7.9	7.4	8.2	7.9	7.4	
170	5.1	6.3	6.9	6.0	6.9	7.3	4.7	6.0	6.7	5.8	6.8	7.3	
190	2.7	3.5	3.8	3.6	4.3	4.6	2.2	3.2	3.7	3.3	4.2	4.7	
210													
230													
235													

	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.6	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	8.8	8.1	7.4	8.9	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	7.5	7.9	7.4	8.3	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	4.6	5.9	6.7	5.8	6.8	7.2	7.1	7.4	7.3	
190	6.3	6.8	7.0		3.2	3.8	3.4	4.4	5.0	5.7	6.4	6.8	
210	4.6	5.0	5.1						2.5	3.8	4.4	4.7	
230	3.1									2.3	2.6	2.6	
235											2.2		
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
1%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
1%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
1%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
0	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



		x1000lb												
ft	ft	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
10														
12														
14														
16														
18														
20														
25														
30														
35														
40		13.9			13.2			12.2						
45		13.8			13.1			12.1			12.3			
50		13.7			13.0			12.0			12.2			
60		13.3			12.6			11.7			11.9			
70		12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8		
80		12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.3	9.4		
90		11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9	
100		11.1	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.4	8.7	7.7	
110		10.5	8.8	7.7	10.2	8.6	7.6	9.7	8.4	7.5	9.9	8.5	7.5	
120		10.0	8.5	7.5	9.7	8.3	7.5	9.3	8.1	7.4	9.6	8.3	7.4	
130		9.5	8.2	7.4	9.2	8.1	7.4	8.9	7.9	7.3	9.2	8.0	7.3	
140		8.7	8.0	7.4	8.7	7.9	7.3	8.4	7.8	7.3	8.6	7.9	7.3	
150		7.4	7.8	7.3	8.3	7.7	7.3	8.0	7.6	7.3	7.3	7.7	7.2	
170		4.6	5.9	6.8	6.0	7.0	7.2	6.9	7.4	7.3	4.6	6.0	7.0	
190			3.4	4.1	3.6	4.6	5.3	4.8	5.7	6.2	2.5	3.6	4.3	
210						2.5	2.9	2.9	3.6	4.0				
230														
235														

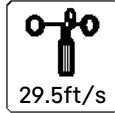
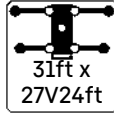
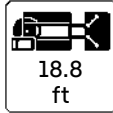
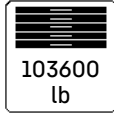
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TK: T K-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6			9.6			
60	11.1			10.0			10.4			9.5			
70	10.9	9.4		9.9			10.2			9.4			
80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5		
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3		
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3	
110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2	
120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1	
130	8.9	7.9	7.3	8.1	7.7	7.2	8.8	7.8	7.2	7.9	7.6	7.1	
140	8.6	7.7	7.2	7.7	7.5	7.1	8.5	7.6	7.2	7.6	7.4	7.1	
150	8.1	7.6	7.2	7.3	7.2	7.1	7.4	7.5	7.1	7.2	7.2	7.0	
170	6.1	7.1	7.2	6.4	6.6	6.7	4.8	6.1	7.0	5.5	6.5	6.7	
190	3.9	4.9	5.6	4.5	5.4	5.9	2.7	3.8	4.6	3.5	4.5	5.3	
210		2.9	3.4	2.6	3.5	4.0			2.4		2.6	3.2	
230													
235													
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



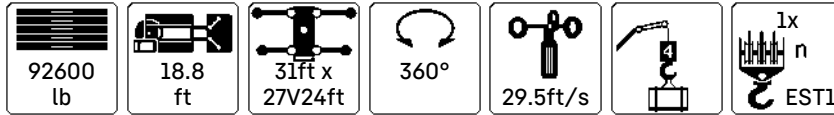
	ft	x1000lb													
		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1						
	10														
	12														
	14														
	16														
	18														
	20														
	25														
	30														
	35														
	40														
	45														
	50	9.2			8.5				8.2						
	60	9.2			8.5				8.2						
	70	9.2			8.5				8.2						
	80	9.1	8.4		8.5	8.2			8.2	8.2					
	90	8.9	8.2		8.5	8.0			8.2	8.0					
	100	8.8	8.0	7.3	8.4	7.9	7.2		8.2	7.8					
	110	8.5	7.8	7.2	8.2	7.7	7.1		8.1	7.7					
	120	8.2	7.7	7.1	7.9	7.5	7.1		7.8	7.5					
	130	7.9	7.5	7.1	7.6	7.4	7.0		7.6	7.4					
	140	7.5	7.4	7.0	7.3	7.2	7.0		7.3	7.2					
	150	7.0	7.1	7.0	6.8	7.0	6.9		6.5	7.0					
	170	4.6	5.9	6.6	4.3	5.7	6.6	4.0	5.4						
	190	2.6	3.7	4.5		3.4	4.2		3.2						
	210			2.4											
	230														
	235														
	1	90+	90+	90+	90+	90+	90+	100+	100+						
	2	90+	90+	90+	100+	100+	100+	100+	100+						
	3	90+	90+	90+	100+	100+	100+	100+	100+						
	4	100+	100+	100+	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+	100+	100+	100+						
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0						

TK: T K-66ft



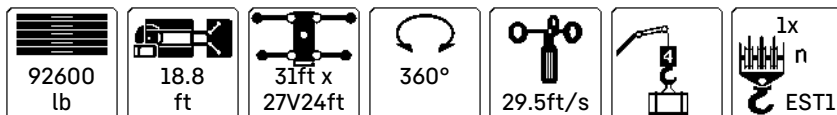
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	10	21.2											
	12	21.2											
	14	21.2											
	16	21.2											
	18	21.2											
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8	14.2		18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
	100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
	110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
	120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
	130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
	140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
	150				7.3	7.8	7.6	7.3	7.9	7.5	7.6	7.9	7.5
	170				6.0	6.7	6.9	4.5	5.4	6.0	5.0	5.9	6.4
	190				3.8			2.2	2.8	2.8	2.8	3.3	3.3
	210												
	226												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



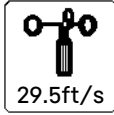
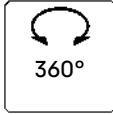
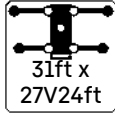
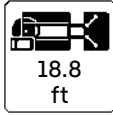
ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
10													
12													
14													
16													
18													
20													
25													
30	17.3			17.1									
35	17.3			17.0			16.3			16.0			
40	17.1			16.9			16.2			15.9			
45	16.9			16.7			16.1			15.7			
50	16.6			16.4			15.9			15.6			
60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5		
70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7		
80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4	
90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2	
100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0	
110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8	
120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6	
130	9.3	8.4	7.6	9.3	8.4	7.6	9.4	8.4	7.6	9.4	8.4	7.5	
140	8.1	8.2	7.5	8.6	8.1	7.5	7.7	8.1	7.5	8.5	8.1	7.5	
150	6.5	7.8	7.5	7.2	7.9	7.5	6.1	7.4	7.4	7.0	7.9	7.4	
170	3.6	4.8	5.5	4.5	5.6	6.2	3.2	4.5	5.4	4.3	5.5	6.2	
190			2.5		3.0	3.3			2.4		2.9	3.4	
210													
226													
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



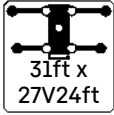
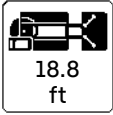
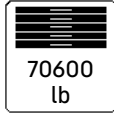
		x1000lb											
		173.6			185.9			186.3			186.6		
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	13.4			15.3			14.7					
	40	13.4			15.2			14.6			12.9		
	45	13.3			15.0			14.5			12.8		
	50	13.1			14.9			14.4			12.6		
	60	12.7	10.3		14.5	11.3		14.0	11.0		12.4		
	70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8	
	80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0
	90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9
	100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7
	110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6
	120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5
	130	8.6	8.0	7.4	9.3	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4
	140	8.1	7.8	7.4	7.4	8.1	7.4	8.5	8.0	7.4	8.3	7.8	7.3
	150	7.7	7.6	7.4	5.8	7.3	7.4	7.0	7.9	7.4	7.9	7.7	7.3
	170	6.9	7.4	7.4	3.0	4.4	5.4	4.3	5.5	6.3	6.5	7.2	7.3
	190	5.2	5.8	6.1			2.5		3.0	3.6	4.4	5.2	5.6
	210	3.4	3.8	3.9							2.6	3.2	3.5
	226	2.3	2.5										
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



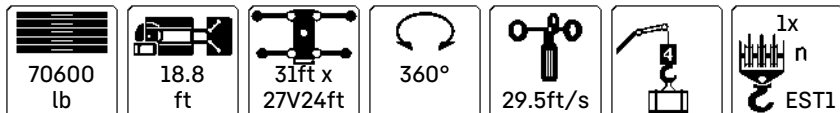
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6				9.6		
60	11.1			10.0			10.4				9.5		
70	10.9	9.4		9.9			10.2				9.4		
80	10.6	9.1		9.7	8.7		10.0	8.9			9.2	8.5	
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6		9.1	8.3	
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5		8.9	8.1	7.3
110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4		8.6	7.9	7.2
120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3		8.3	7.7	7.1
130	8.9	7.9	7.3	8.1	7.7	7.2	8.6	7.8	7.2		7.9	7.6	7.1
140	8.3	7.7	7.2	7.7	7.5	7.1	7.2	7.6	7.2		7.5	7.4	7.1
150	7.1	7.6	7.2	7.2	7.2	7.1	5.7	7.3	7.1		6.5	7.2	7.0
170	4.6	5.8	6.7	5.1	6.3	6.7	3.3	4.6	5.6		4.1	5.3	6.2
190	2.6	3.5	4.3	3.1	4.1	4.8		2.4	3.2			3.2	3.9
210					2.3	2.8							
226													
%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



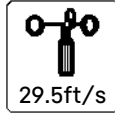
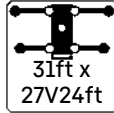
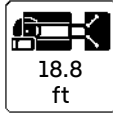
ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
10	21.2													
12	21.2													
14	21.2													
16	21.2													
18	21.2													
20	21.2													
25	20.6			18.3			17.8			17.7				
30	19.2			18.3			17.8			17.7				
35	17.8	14.2		18.3			17.8			17.7				
40	16.4	13.3		18.2			17.8			17.7				
45	15.2	12.3		17.9			17.5			17.4				
50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8			
60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8			
70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8		
80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5		
90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2		
100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0		
110				10.3	8.9	7.8	10.7	9.0	7.8	10.8	9.0	7.8		
120				9.3	8.5	7.7	8.9	8.6	7.7	9.3	8.6	7.7		
130				8.4	8.2	7.6	7.1	8.3	7.6	7.6	8.3	7.6		
140				6.9	7.8	7.6	5.5	6.9	7.5	6.0	7.3	7.5		
150				5.4	6.5	7.1	3.9	5.3	6.2	4.5	5.8	6.5		
170				2.9	3.7	4.0		2.3	3.0		2.9	3.4		
190														
210														
212														
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
2%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
3%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
4%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
5%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
6%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
7%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0		

TK: T K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
10													
12													
14													
16													
18													
20													
25													
30	17.3			17.1									
35	17.3			17.0			16.3			16.0			
40	17.1			16.9			16.2			15.9			
45	16.9			16.7			16.1			15.7			
50	16.6			16.4			15.9			15.6			
60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5		
70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7		
80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4	
90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2	
100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0	
110	10.4	9.0	7.8	10.8	9.0	7.8	9.6	9.0	7.8	10.6	8.9	7.8	
120	8.1	8.7	7.7	8.8	8.7	7.7	7.4	8.7	7.7	8.6	8.6	7.6	
130	6.1	7.9	7.6	7.0	8.4	7.6	5.4	7.5	7.6	6.6	8.2	7.5	
140	4.4	6.2	7.2	5.4	6.9	7.5	3.8	5.6	7.0	5.0	6.7	7.4	
150	2.9	4.5	5.7	3.9	5.4	6.3		4.0	5.3	3.5	5.1	6.2	
170			2.4		2.5	3.2					2.2	3.2	
190													
210													
212													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.3	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	9.2	8.9	7.8	10.2	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	7.0	8.6	7.6	8.3	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	5.1	7.2	7.5	6.5	8.2	7.5	8.7	8.0	7.4	
140	7.9	7.8	7.4	3.4	5.4	6.8	4.8	6.6	7.4	7.3	7.8	7.3	
150	6.6	7.5	7.4		3.7	5.1	3.4	5.0	6.2	5.9	7.0	7.3	
170	4.5	5.3	5.8						3.2	3.7	4.7	5.3	
190	2.5	3.2	3.6								2.6	3.1	
210													
212													

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	13.9			13.2			12.2						
45	13.8			13.1			12.1			12.3			
50	13.7			13.0			12.0			12.2			
60	13.3			12.6			11.7			11.9			
70	12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8		
80	12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.3	9.4		
90	11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9	
100	10.8	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.3	8.7	7.7	
110	8.9	8.8	7.7	9.9	8.6	7.6	9.7	8.4	7.5	8.7	8.5	7.5	
120	6.8	8.5	7.5	8.2	8.3	7.5	9.3	8.1	7.4	6.7	8.1	7.4	
130	5.0	7.0	7.4	6.4	8.0	7.4	7.7	7.9	7.3	5.0	7.0	7.3	
140	3.3	5.3	6.7	4.9	6.6	7.3	6.2	7.5	7.3	3.5	5.3	6.8	
150		3.7	5.1	3.5	5.1	6.3	4.8	6.2	7.1		3.9	5.2	
170					2.4	3.4	2.5	3.8	4.6			2.3	
190									2.3				
210													
212													
%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

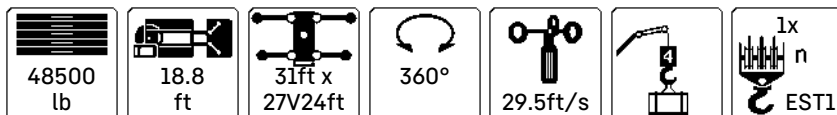
TK: T K-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6				9.6		
60	11.1			10.0			10.4				9.5		
70	10.9	9.4		9.9			10.2				9.4		
80	10.6	9.1		9.7	8.7		10.0	8.9			9.2	8.5	
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6		9.1	8.3	
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5		8.9	8.1	7.3
110	9.4	8.3	7.5	8.9	8.0	7.3	8.5	8.2	7.4		8.5	7.9	7.2
120	8.2	8.1	7.4	8.4	7.8	7.3	6.7	8.0	7.3		7.5	7.7	7.1
130	6.5	7.7	7.3	7.0	7.7	7.2	5.1	6.9	7.2		5.8	7.3	7.1
140	5.0	6.6	7.2	5.5	7.1	7.1	3.7	5.4	6.7		4.4	6.1	6.9
150	3.7	5.2	6.4	4.2	5.7	6.8		4.0	5.3		3.2	4.7	5.9
170		2.7	3.7		3.3	4.2			2.6			2.3	3.3
190													
210													
212													

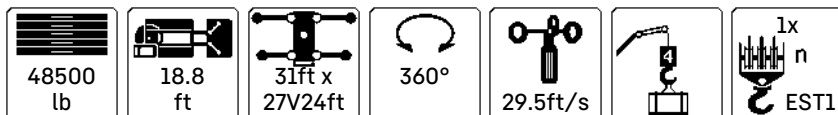
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



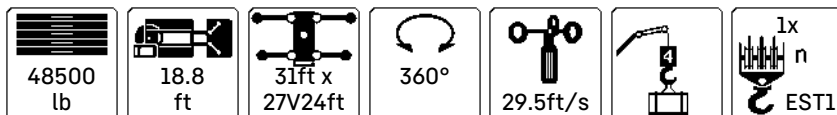
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	10	21.2											
	12	21.2											
	14	21.2											
	16	21.2											
	18	21.2											
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8	14.2		18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	11.6	9.8	8.2	12.3	9.8	8.2
	100	6.0	7.7		10.5	9.3	8.0	8.8	9.4	8.0	9.4	9.3	8.0
	110				8.2	8.9	7.8	6.4	8.6	7.8	7.1	8.9	7.8
	120				6.4	7.9	7.7	4.5	6.6	7.6	5.1	7.2	7.7
	130				4.7	6.2	7.2	2.6	4.7	6.2	3.4	5.3	6.6
	140				3.2	4.6	5.5		3.0	4.3		3.6	4.8
	150					3.1	3.9			2.5			3.1
	170												
	185												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



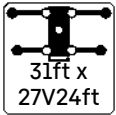
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	12.8	10.3	8.4	13.1	10.1	8.4
	90	10.3	9.8	8.2	11.3	9.8	8.2	9.5	9.8	8.2	10.8	9.7	8.2
	100	7.5	9.4	8.0	8.5	9.3	8.0	6.8	9.2	8.0	8.0	9.3	8.0
	110	5.2	7.8	7.8	6.2	8.5	7.8	4.5	7.2	7.8	5.8	8.2	7.8
	120	3.1	5.6	7.3	4.3	6.5	7.6	2.2	5.0	7.0	3.9	6.1	7.5
	130		3.7	5.4	2.4	4.6	6.1		3.0	4.9		4.3	5.9
	140			3.5		2.8	4.3			2.9		2.5	4.0
	150						2.5						2.3
	170												
	185												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TK: T K-66ft



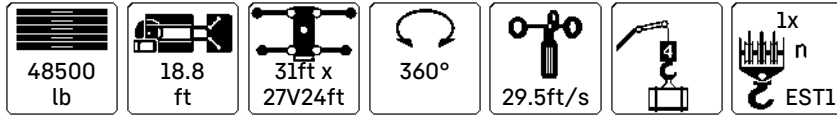
	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	13.4			15.3			14.7					
	40	13.4			15.2			14.6			12.9		
	45	13.3			15.0			14.5			12.8		
	50	13.1			14.9			14.4			12.6		
	60	12.7	10.3		14.5	11.3		14.0	11.0		12.4		
	70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8	
	80	11.5	9.4	8.1	12.2	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0
	90	10.9	9.1	7.9	9.0	9.6	8.1	10.4	9.5	8.1	10.8	9.0	7.9
	100	10.4	8.7	7.7	6.4	9.2	7.9	7.8	9.1	7.9	10.1	8.7	7.7
	110	9.3	8.5	7.6	4.1	6.9	7.8	5.6	8.1	7.7	8.3	8.5	7.6
	120	7.5	8.2	7.5		4.8	6.7	3.7	6.0	7.5	6.5	7.9	7.5
	130	5.9	7.2	7.4		2.7	4.7		4.2	5.8	4.9	6.5	7.3
	140	4.6	5.8	6.7			2.7		2.4	4.0	3.6	5.1	6.2
	150	3.3	4.6	5.4						2.3		3.7	4.8
	170		2.2	3.0									
	185												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		13.9			13.2			12.2					
45		13.8			13.1			12.1			12.3		
50		13.7			13.0			12.0			12.2		
60		13.3			12.6			11.7			11.9		
70		12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8	
80		11.7	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.0	9.4	
90		8.8	9.4	8.0	10.1	9.2	7.9	10.5	8.9	7.8	8.5	9.1	7.9
100		6.3	8.9	7.8	7.7	8.9	7.7	9.0	8.6	7.6	6.1	8.7	7.7
110		4.1	6.8	7.7	5.7	7.8	7.6	7.0	8.4	7.5	4.1	6.6	7.5
120			4.7	6.7	3.8	6.0	7.3	5.2	7.1	7.4		4.7	6.6
130			2.8	4.7		4.3	5.9	3.7	5.5	6.8		2.9	4.8
140				2.8		2.6	4.2		4.0	5.3			3.1
150							2.6		2.5	3.9			
170													
185													
 %	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
 %	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

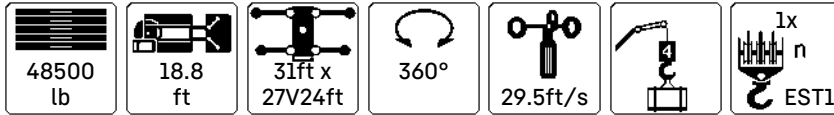
TK: T K-66ft



		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.4			10.2			10.7					
	50	11.3			10.1			10.6			9.6		
	60	11.1			10.0			10.4			9.5		
	70	10.9	9.4		9.9			10.2			9.4		
	80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5	
	90	9.8	8.8	7.7	9.5	8.5	7.6	8.4	8.6	7.6	8.8	8.3	
	100	7.6	8.5	7.6	8.0	8.2	7.4	6.1	8.4	7.5	6.8	8.1	7.3
	110	5.7	7.9	7.5	6.2	8.0	7.3	4.3	6.6	7.4	5.0	7.1	7.2
	120	4.0	6.0	7.3	4.5	6.4	7.3	2.3	4.8	6.6	3.3	5.4	7.0
	130	2.2	4.4	5.9	3.1	4.9	6.3		3.1	4.8		3.9	5.4
	140		2.8	4.3		3.5	4.8			3.2		2.3	3.9
	150			2.8			3.4						2.4
	170												
	185												

	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

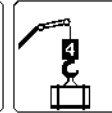
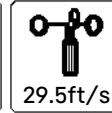
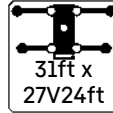
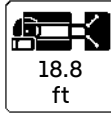
TK: T K-66ft



		x1000lb												
ft		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1					
10														
12														
14														
16														
18														
20														
25														
30														
35														
40														
45														
50		9.2			8.5			8.2						
60		9.2			8.5			8.2						
70		9.2			8.5			8.2						
80		9.1	8.4		8.5	8.2		8.2	8.2					
90		8.0	8.2		7.5	8.0		7.2	8.0					
100		5.8	7.9	7.3	5.4	7.8	7.2	5.1	7.6					
110		4.0	6.3	7.2	3.5	5.9	7.1	3.1	5.7					
120			4.6	6.3		4.2	6.0		4.0					
130			2.9	4.6		2.5	4.3							
140				3.1			2.7							
150														
170														
185														

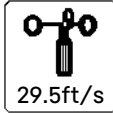
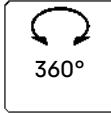
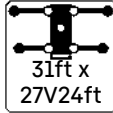
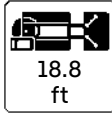
	1	90+	90+	90+	90+	90+	90+	100+	100+					
	2	90+	90+	90+	100+	100+	100+	100+	100+					
	3	90+	90+	90+	100+	100+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+	100+	100+					
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0					










TK: T K-66ft



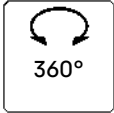
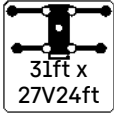
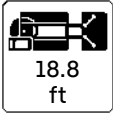
		x1000lb												
ft		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6
10		21.2												
12		21.2												
14		21.2												
16		21.2												
18		21.2												
20		21.2												
25		20.6			18.3			17.8				17.7		
30		19.2			18.3			17.8				17.7		
35		17.8	14.2		18.3			17.8				17.7		
40		16.4	13.3		18.2			17.8				17.7		
45		15.2	12.3		17.9			17.5				17.4		
50		13.9	11.5	9.5	17.4	12.9		17.1	12.8			17.0	12.8	
60		11.1	10.2	8.8	16.3	11.9		16.2	11.9			16.1	11.8	
70		9.1	9.2	8.3	15.0	11.0	8.8	14.8	11.1	8.8		14.9	11.0	8.8
80		7.8	8.5	7.9	13.4	10.3	8.5	11.6	10.3	8.5	12.3	10.3	8.5	
90		6.7	8.0	7.8	10.5	9.7	8.2	8.4	9.8	8.2	9.1	9.8	8.2	
100		6.0	7.7		7.9	9.3	8.0	5.9	8.7	8.0	6.5	9.2	8.0	
110					5.8	7.8	7.8	3.7	6.2	7.8	4.4	6.8	7.8	
120					4.0	5.9	7.2		4.2	6.0	2.2	4.8	6.5	
130						4.1	5.4			3.9		2.9	4.5	
140						2.3	3.6						2.5	
150														
170														
176														
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TK: T K-66ft



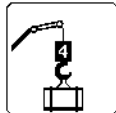
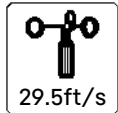
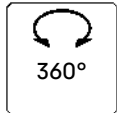
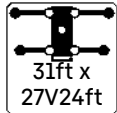
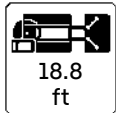
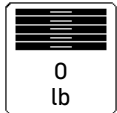
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.2	11.0	8.8	14.6	10.9	8.8	13.2	10.9		14.1	10.7	
	80	10.2	10.3	8.5	11.2	10.3	8.5	9.5	10.3	8.4	10.7	10.1	8.4
	90	7.2	9.8	8.2	8.2	9.8	8.2	6.4	9.6	8.2	7.7	9.7	8.2
	100	4.7	7.7	8.0	5.7	8.5	8.0	3.8	7.0	8.0	5.2	8.1	8.0
	110		5.3	7.3	3.5	6.1	7.8		4.6	6.9	2.9	5.7	7.7
	120		3.1	5.1		4.1	5.9		2.4	4.7		3.7	5.6
	130			3.1			3.9			2.4			3.7
	140												
	150												
	170												
	176												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TK: T K-66ft



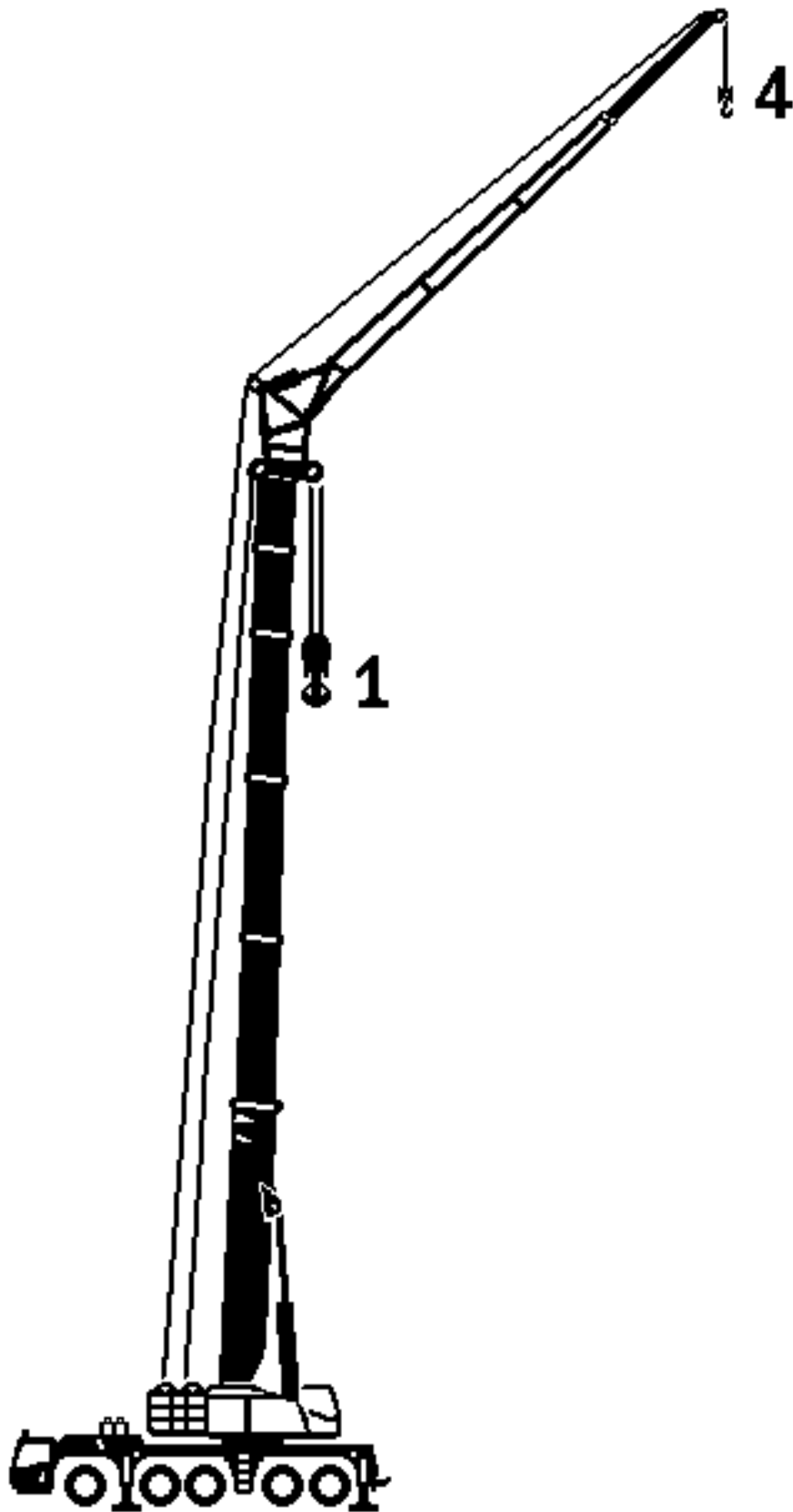
ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
10														
12														
14														
16														
18														
20														
25														
30														
35														
40	13.9			13.2			12.2							
45	13.8			13.1			12.1			12.3				
50	13.7			13.0			12.0			12.2				
60	13.3			12.6			11.7			11.9				
70	12.0	10.2		12.3	9.9		11.4	9.6		11.2	9.8			
80	8.6	9.8	8.2	10.0	9.5	8.1	10.9	9.3		8.3	9.4			
90	5.9	9.0	8.0	7.4	9.2	7.9	8.7	8.9	7.8	5.8	8.6	7.9		
100	3.2	6.5	7.8	5.1	7.7	7.7	6.5	8.6	7.6		6.4	7.7		
110		4.3	6.6	2.8	5.6	7.4	4.6	6.7	7.5		4.3	6.4		
120			4.4		3.8	5.6	2.7	5.0	6.6			4.5		
130			2.3			3.8		3.4	4.9			2.4		
140									3.4					
150														
170														
176														
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TK: T K-66ft



ft	x1000lb												
	10	21.2											
11	21.2												
12	21.2												
13	21.2												
14	21.2												
15	21.2												
16	21.2												
17	21.2												
18	21.2												
19	21.2												
20	21.2												
22	21.1												
24	20.8												
26	20.4												
28	19.8												
30	19.2												
32	18.6	14.7											
34	18.1	14.4											
36	17.5	14.0											
38	16.9	13.6											
40	16.4	13.3											
45	15.2	12.3											
50	13.9	11.5	9.5										
55	12.4	10.8	9.2										
60	11.1	10.2	8.8										
65	9.9	9.6	8.5										
70	9.1	9.2	8.3										
75	8.4	8.8	8.1										
80	7.8	8.5	7.9										
85	7.2	8.3	7.8										
90	6.7	7.5	7.8										
95	5.9	6.5	6.8										
100	5.2	5.5											
102	4.9												

	1	0+	0+	0+									
	2	0+	0+	0+									
	3	0+	0+	0+									
	4	0+	0+	0+									
	5	0+	0+	0+									
	6	0+	0+	0+									
	7	0+	0+	0+									
	°	0.0	20.0	40.0									



TNZK

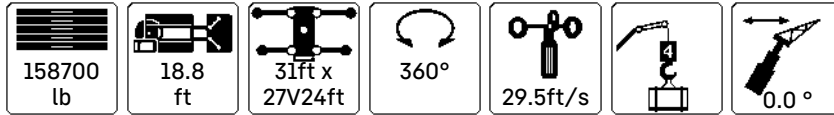
TNZK: T NZK-38ft

237

TNZK: T NZK-66ft

291

TNZK: T NZK-38ft



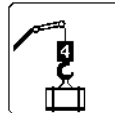
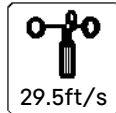
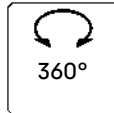
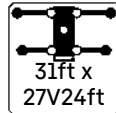
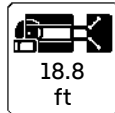
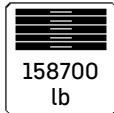
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
		15	46.1										
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.6	37.7	37.4	36.5	35.8	33.9	32.8	23.9	30.7	29.2	23.5
	70	13.8	32.9	33.7	33.4	33.4	32.8	32.1	31.2	21.6	29.5	28.2	21.4
	80		28.6	29.9	29.6	30.1	29.6	29.7	28.9	19.6	28.1	26.5	19.6
	90		25.0	26.4	26.1	27.1	26.6	27.0	26.3	17.8	26.3	24.1	17.9
	100		22.1	23.5	23.3	24.2	23.9	24.5	23.9	16.2	24.1	21.8	16.4
	110		19.8	21.1	20.9	21.9	21.7	22.3	21.7	14.8	22.0	19.7	15.1
	120		17.9	19.0	18.9	19.9	19.7	20.5	19.6	13.6	19.9	17.7	13.9
	130		16.2	17.4	17.3	18.3	18.1	18.8	17.7	12.4	18.2	16.0	12.8
	140		14.9	16.0	15.9	16.8	16.7	17.3	16.0	11.4	16.5	14.5	11.8
	150		13.7	14.8	14.7	15.2	15.5	14.8	14.5	10.4	14.6	13.1	10.8
	170			11.6	12.3	11.0	11.9	10.5	11.7	8.9	10.4	10.7	9.4
	190					5.0	5.9	7.6	8.7	7.7	7.5	8.7	8.2
	210										5.0	6.2	7.3
	230												
	250												
	257												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TNZK: T NZK-38ft



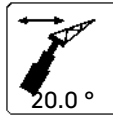
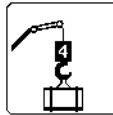
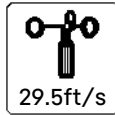
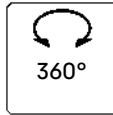
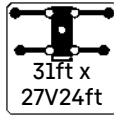
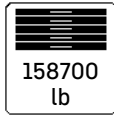
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	15												
	16												
	18												
	20												
	25												
	30												
	35												
	40	28.2	26.2	24.0	23.9	20.8	17.0						
	45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1		
	50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6	
	60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3	
	70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9	
	80	25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4	
	90	23.6	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8	
	100	21.6	19.2	16.3	18.9	15.7	12.4	15.3	12.0	11.9	11.4	11.2	
	110	19.7	17.7	15.1	17.5	14.6	11.6	14.3	11.3	11.2	10.8	10.7	
	120	17.9	16.2	14.0	16.2	13.6	10.8	13.4	10.6	10.5	10.2	10.1	
	130	16.3	14.7	12.9	14.8	12.7	10.0	12.6	9.8	9.9	9.6	9.5	
	140	14.9	13.3	11.8	13.5	11.9	9.1	11.8	9.1	9.4	9.0	8.9	
	150	13.5	12.0	10.8	12.3	11.0	8.4	11.0	8.5	9.0	8.4	8.3	
	170	10.5	9.9	9.0	10.3	9.4	7.0	9.6	7.2	8.1	7.3	7.2	
	190	7.7	8.5	7.6	7.9	8.1	5.8	8.3	6.1	7.2	6.2	6.0	
	210	5.2	6.7	6.4	5.5	7.0	4.7	6.2	5.1	6.3	5.2	4.8	
	230		2.3	3.5	3.5	5.2	3.8	4.2	4.2	4.3	4.1	3.6	
	250							2.2	3.4	2.6	2.4	2.2	
	257												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	

TN2K: T NZK-38ft



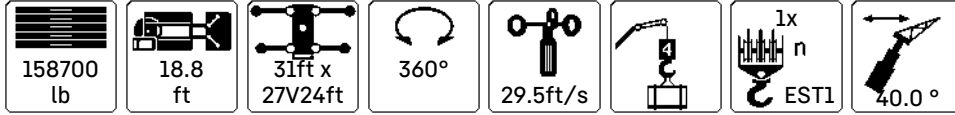
		x1000lb												
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
ft														
15														
16														
18														
20														
25		37.9												
30		33.2												
35		29.5	36.5											
40		26.5	34.8	34.5	34.3	33.3	32.8							
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9					
50		22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9		
60		18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0	
70		17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2	
80			23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5	
90			22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0	
100			20.6	21.1	21.1	21.5	21.3	21.4	21.1	15.5	21.2	20.6	15.6	
110			19.4	19.9	19.9	20.2	20.1	20.4	20.1	14.2	20.1	19.5	14.4	
120			18.4	18.9	18.8	19.3	19.2	19.4	19.1	13.1	19.1	17.9	13.4	
130			17.6	18.1	18.0	18.4	18.4	18.6	17.6	12.1	18.1	16.1	12.3	
140			17.0	17.4	17.3	17.7	17.5	17.7	16.1	11.2	16.6	14.6	11.5	
150			16.6	16.6	16.8	16.0	16.3	15.6	14.6	10.3	15.1	13.3	10.7	
170				12.2	12.8	11.4	12.3	11.1	12.0	9.0	11.0	10.9	9.4	
190								7.9	9.0	7.8	8.0	9.1	8.3	
210											5.3	6.6	7.4	
230														
250														
257														
%		1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%		2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%		3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%		4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%		5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%		6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%		7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1			2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZK: T NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
15												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
90	21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7	
100	20.5	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1	
110	19.4	17.0	14.4	16.9	14.0	11.4	13.7	11.1	11.0	10.6	10.5	
120	17.9	15.9	13.4	15.8	13.1	10.6	12.9	10.4	10.4	10.1	10.0	
130	16.4	14.7	12.5	14.7	12.3	9.9	12.1	9.8	9.8	9.6	9.5	
140	14.9	13.5	11.6	13.6	11.5	9.2	11.5	9.3	9.3	9.1	9.0	
150	13.6	12.2	10.8	12.4	10.9	8.6	10.8	8.6	8.9	8.5	8.5	
170	11.2	10.1	9.2	10.4	9.6	7.2	9.6	7.4	8.1	7.4	7.4	
190	8.1	8.6	7.8	8.4	8.2	6.0	8.4	6.3	7.3	6.4	6.2	
210	5.5	7.0	6.5	6.0	7.1	4.9	6.7	5.2	6.6	5.4	5.0	
230				3.8	5.4	3.9	4.5	4.3	4.7	4.5	3.8	
250								3.5	2.8	2.7	2.5	
257									2.3			
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

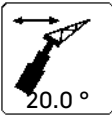
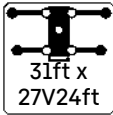
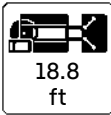
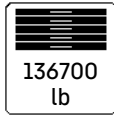
TNZK: T NZK-38ft



ft	x1000lb											
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
15												
16												
18												
20												
25												
30												
35	22.4											
40	20.9											
45	19.7	22.7	22.8	22.7								
50	18.6	22.0	22.1	22.0	22.1	21.9						
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8
90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5
100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3
110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2
120		16.8	16.8	16.8	16.9	16.9	17.0	16.9	13.0	17.0	16.7	13.2
130		16.7	16.7	16.7	16.7	16.7	16.7	16.6	12.1	16.7	16.0	12.3
140		16.7	16.7	16.7	16.6	16.6	16.6	16.2	11.2	16.1	14.9	11.5
150		13.1	16.6	16.7	16.2	16.3	16.1	14.8	10.5	15.3	13.5	10.8
170					11.6	12.4	11.3	12.2	9.1	11.4	11.1	9.5
190							7.9	8.6	7.7	8.1	9.2	8.4
210												
230												
250												
257												

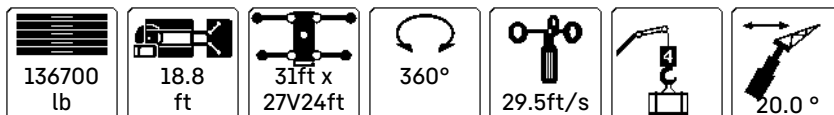
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%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZK: T NZK-38ft



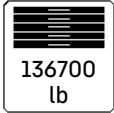
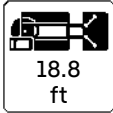
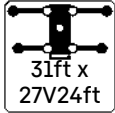
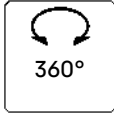
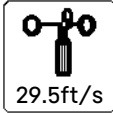

	x1000lb													
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10														
12														
14														
16														
18		44.8												
20		43.1												
25		37.9												
30		33.2												
35		29.5	36.5											
40		26.5	34.8	34.5	34.3	33.3	32.8							
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9					
50		22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9		
60		18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0	
70		17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2	
80			23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5	
90			22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0	
100			20.6	21.1	21.1	21.5	21.3	21.4	21.1	15.5	21.2	20.6	15.6	
110			19.4	19.9	19.9	20.2	20.1	20.4	20.1	14.2	20.1	19.5	14.4	
120			18.4	18.9	18.8	19.3	19.2	19.4	19.1	13.1	19.1	17.9	13.4	
130			17.6	18.1	18.0	17.8	18.4	17.5	17.6	12.1	17.4	16.1	12.3	
140			16.9	15.6	16.2	14.8	15.7	14.5	15.6	11.2	14.4	14.6	11.5	
150			14.6	13.1	13.6	12.3	13.2	11.9	13.1	10.3	11.9	13.1	10.7	
170				9.2	9.7	8.5	9.3	8.3	9.2	9.0	8.2	9.3	9.4	
190								5.2	6.4	7.8	5.3	6.6	8.3	
210											2.8	4.2	6.8	
230														
247														
<hr/>														
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x










TNZK: T NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
90	21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7	
100	20.5	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1	
110	19.4	17.0	14.4	16.9	14.0	11.4	13.7	11.1	11.0	10.6	10.5	
120	17.9	15.9	13.4	15.8	13.1	10.6	12.9	10.4	10.4	10.1	10.0	
130	16.4	14.7	12.5	14.7	12.3	9.9	12.1	9.8	9.8	9.6	9.5	
140	14.5	13.5	11.6	13.6	11.5	9.2	11.5	9.3	9.3	9.1	9.0	
150	12.0	12.2	10.8	12.2	10.9	8.6	10.8	8.6	8.9	8.5	8.5	
170	8.4	9.5	9.2	8.6	9.6	7.2	9.2	7.4	8.1	7.4	7.4	
190	5.5	7.0	7.8	6.0	7.5	6.0	6.7	6.3	6.8	6.4	6.2	
210	3.1	4.6	5.9	3.5	5.3	4.9	4.3	5.2	4.5	4.3	4.1	
230					3.3	3.9	2.3	3.3	2.5	2.3		
247												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft

 136700 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s	 40.0°
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	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	20.1											
	70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1				
	80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4	
	90	18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8	
	100	17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2	
	110	17.1	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6	
	120	16.8	15.6	13.2	15.5	12.9	10.7	12.7	10.5	10.4	10.1	10.0	
	130	16.2	14.7	12.4	14.6	12.1	10.0	12.0	9.9	9.9	9.7	9.6	
	140	15.0	13.6	11.6	13.7	11.4	9.4	11.4	9.4	9.4	9.2	9.1	
	150	12.7	12.5	10.9	12.6	10.8	8.8	10.8	8.8	9.0	8.7	8.6	
	170	8.7	9.9	9.3	9.0	9.7	7.4	9.5	7.6	8.2	7.6	7.5	
	190	5.8	7.2	7.9	6.3	7.7	6.1	6.9	6.4	7.0	6.5	6.4	
	210	3.2	4.6	6.0	3.7	5.4	4.9	4.5	5.3	4.8	4.6	4.4	
	230						3.9	2.3	3.3	2.6	2.5	2.3	
	247												
 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
 % EST1	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

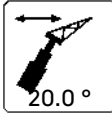
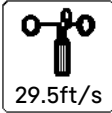
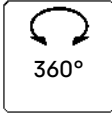
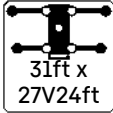
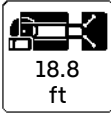
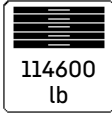
TNZK: T NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	28.2	26.2	24.0	23.9	20.8	17.0							
45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1			
50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6		
60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3		
70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9		
80	25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4		
90	23.6	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8		
100	21.0	19.2	16.3	18.9	15.7	12.4	15.3	12.0	11.9	11.4	11.2		
110	17.6	17.7	15.1	17.1	14.6	11.6	14.3	11.3	11.2	10.8	10.7		
120	14.7	16.1	14.0	14.6	13.6	10.8	13.4	10.6	10.5	10.2	10.1		
130	12.2	13.7	12.9	12.2	12.7	10.0	12.4	9.8	9.9	9.6	9.5		
140	9.8	11.2	11.8	10.1	11.6	9.1	10.6	9.1	9.4	9.0	8.9		
150	8.0	9.2	10.5	8.3	9.8	8.4	8.9	8.5	8.8	8.2	8.1		
170	5.0	6.5	7.6	5.4	7.0	7.0	6.0	6.9	6.0	5.6	5.3		
190	2.4	3.9	5.3	2.8	4.6	5.4	3.6	4.6	3.7	3.4	3.1		
210			3.3		2.6	3.3		2.5					
226													

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18		44.8											
20		43.1											
25		37.9											
30		33.2											
35		29.5	36.5										
40		26.5	34.8	34.5	34.3	33.3	32.8						
45		24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
50		22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
60		18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
70		17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2
80			23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5
90			22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0
100			20.6	21.1	21.1	21.5	21.3	21.4	21.1	15.5	21.2	20.6	15.6
110			19.4	19.9	19.9	20.1	20.1	19.9	20.1	14.2	19.3	19.5	14.4
120			18.4	17.6	18.2	16.8	17.7	16.4	17.6	13.1	16.2	17.5	13.4
130			16.0	14.4	15.0	13.7	14.5	13.3	14.4	12.1	13.2	14.5	12.3
140			13.3	11.8	12.3	11.0	11.9	10.6	11.8	11.2	10.6	11.9	11.5
150			11.0	9.6	10.1	9.0	9.7	8.7	9.6	10.3	8.6	9.7	10.7
170				6.3	6.9	5.6	6.6	5.4	6.6	9.0	5.4	6.7	8.9
190								2.6	3.8	7.2	2.7	4.0	6.6
210													4.5
226													

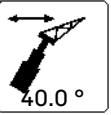
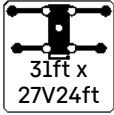
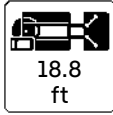
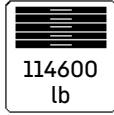
1		0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2		0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3		0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4		0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5		0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6		0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7		0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZK: T NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
90	21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7	
100	20.5	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1	
110	19.0	17.0	14.4	16.9	14.0	11.4	13.7	11.1	11.0	10.6	10.5	
120	16.0	15.9	13.4	15.5	13.1	10.6	12.9	10.4	10.4	10.1	10.0	
130	13.3	14.7	12.5	13.3	12.3	9.9	12.1	9.8	9.8	9.6	9.5	
140	10.7	12.1	11.6	11.0	11.5	9.2	11.3	9.3	9.3	9.1	9.0	
150	8.8	9.9	10.8	9.0	10.5	8.6	9.7	8.6	8.9	8.5	8.5	
170	5.7	7.0	8.1	6.1	7.5	7.2	6.7	7.3	6.7	6.4	6.1	
190	3.0	4.4	5.8	3.4	5.2	5.8	4.2	5.1	4.3	4.0	3.7	
210		2.3	3.6		3.0	3.7		3.0				
226						2.2						
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	24.2											
	35	22.4											
	40	20.9											
	45	19.7	22.7	22.8	22.7								
	50	18.6	22.0	22.1	22.0	22.1	21.9						
	60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
	70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5
	80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8
	90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5
	100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3
	110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2
	120		16.8	16.8	16.8	16.9	16.9	16.8	16.9	13.0	16.6	16.7	13.2
	130		16.4	15.0	15.6	14.4	15.2	14.1	15.2	12.1	14.1	15.3	12.3
	140		13.5	12.2	12.8	11.5	12.4	11.3	12.4	11.2	11.3	12.5	11.5
	150		11.1	9.8	10.4	9.3	10.1	9.1	10.0	10.5	9.1	10.2	10.8
	170					5.8	6.7	5.7	6.8	9.1	5.8	7.0	9.1
	190							2.6	3.8	7.2	2.9	4.2	6.7
	210												
	226												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	20.1												
70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1					
80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4		
90	18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8		
100	17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2		
110	17.1	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6		
120	16.5	15.6	13.2	15.5	12.9	10.7	12.7	10.5	10.4	10.1	10.0		
130	14.2	14.7	12.4	14.2	12.1	10.0	12.0	9.9	9.9	9.7	9.6		
140	11.5	12.8	11.6	11.8	11.4	9.4	11.4	9.4	9.4	9.2	9.1		
150	9.3	10.5	10.9	9.5	10.8	8.8	10.2	8.8	9.0	8.7	8.6		
170	6.1	7.3	8.4	6.5	7.9	7.4	7.1	7.6	7.2	6.9	6.6		
190	3.2	4.7	6.0	3.7	5.4	6.1	4.5	5.4	4.6	4.4	4.1		
210		2.3	3.7		3.1	3.8		3.2	2.4	2.3			
226						2.3							

	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



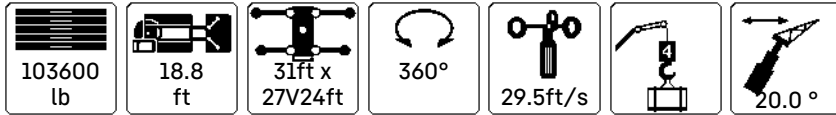
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.6	37.7	37.4	36.5	35.8	33.9	32.8	23.9	30.7	29.2	23.5
	70	13.8	32.9	33.7	33.4	33.4	32.8	32.1	31.2	21.6	29.5	28.2	21.4
	80		28.6	29.9	29.6	29.8	29.6	28.6	28.9	19.6	27.9	26.5	19.6
	90		25.0	26.2	26.1	24.8	25.8	23.6	24.9	17.8	22.9	23.8	17.9
	100		22.1	21.6	22.2	20.4	21.4	19.4	20.7	16.2	18.8	20.2	16.4
	110		19.1	17.4	18.1	16.5	17.5	16.0	17.2	14.8	15.5	16.9	15.1
	120		15.8	14.1	14.7	13.2	14.1	12.7	13.9	13.6	12.5	14.0	13.9
	130		13.0	11.3	11.9	10.4	11.3	10.0	11.1	12.4	9.9	11.2	12.8
	140		10.6	9.2	9.7	8.5	9.2	8.1	9.1	11.4	8.0	9.1	11.6
	150		8.9	7.5	8.1	6.7	7.6	6.3	7.5	10.3	6.3	7.5	9.7
	170			4.5	5.1	3.6	4.6	3.2	4.4	7.8	3.2	4.6	7.1
	190						2.4			5.7		2.2	4.9
	210												3.1
	219												2.6
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TNZK: T NZK-38ft



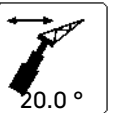
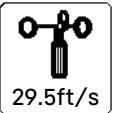
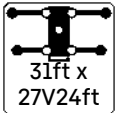
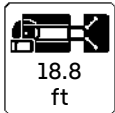
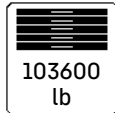
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	28.2	26.2	24.0	23.9	20.8	17.0						
45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1		
50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6	
60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3	
70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9	
80	25.3	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4	
90	22.3	20.9	17.7	20.3	16.8	13.3	16.2	12.8	12.6	12.0	11.8	
100	18.4	19.2	16.3	18.2	15.7	12.4	15.3	12.0	11.9	11.4	11.2	
110	15.2	16.7	15.1	15.0	14.6	11.6	14.3	11.3	11.2	10.8	10.7	
120	12.5	14.0	14.0	12.4	13.6	10.8	12.8	10.6	10.5	10.2	10.1	
130	10.0	11.5	12.8	10.2	12.1	10.0	10.7	9.8	9.9	9.5	9.4	
140	8.1	9.3	10.6	8.3	10.0	9.1	8.8	9.1	8.6	8.3	8.0	
150	6.5	7.7	8.9	6.6	8.3	8.4	7.1	8.0	7.1	6.7	6.4	
170	3.4	4.9	6.3	3.8	5.7	6.3	4.4	5.3	4.4	4.1	3.8	
190		2.6	3.9		3.3	4.0		3.2	2.2			
210												
219												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



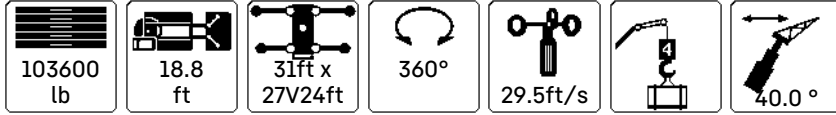
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18	44.8											
	20	43.1											
	25	37.9											
	30	33.2											
	35	29.5	36.5										
	40	26.5	34.8	34.5	34.3	33.3	32.8						
	45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
	50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
	60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
	70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2
	80		23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5
	90		22.0	22.6	22.5	22.8	22.6	22.7	22.3	16.9	22.3	21.7	17.0
	100		20.6	21.1	21.1	21.3	21.3	20.9	21.1	15.5	20.3	20.6	15.6
	110		19.4	18.8	19.3	18.0	18.9	17.4	18.6	14.2	16.9	18.2	14.4
	120		16.7	15.2	15.8	14.4	15.3	14.0	15.2	13.1	13.9	15.2	13.4
	130		13.7	12.2	12.8	11.4	12.3	11.1	12.2	12.1	11.0	12.3	12.3
	140		11.2	9.8	10.3	9.2	9.9	8.9	9.8	11.2	8.8	9.9	11.5
	150		9.3	8.1	8.6	7.4	8.2	7.1	8.1	10.3	7.1	8.2	10.3
	170			4.8	5.4	4.1	5.0	3.9	5.0	8.1	3.9	5.2	7.5
	190								2.4	6.0		2.7	5.3
	210												3.3
	219												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZK: T NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4				
70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8		
80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3		
90	21.5	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7		
100	19.7	18.3	15.5	18.0	14.9	12.2	14.6	11.8	11.7	11.2	11.1		
110	16.6	17.0	14.4	16.4	14.0	11.4	13.7	11.1	11.0	10.6	10.5		
120	13.7	15.2	13.4	13.6	13.1	10.6	12.9	10.4	10.4	10.1	10.0		
130	11.1	12.6	12.5	11.3	12.3	9.9	11.8	9.8	9.8	9.6	9.5		
140	9.0	10.2	11.3	9.2	10.8	9.2	9.8	9.3	9.3	8.9	8.8		
150	7.2	8.4	9.5	7.5	9.0	8.6	8.0	8.6	7.9	7.6	7.3		
170	4.2	5.6	6.7	4.5	6.2	6.8	5.1	6.0	5.1	4.8	4.6		
190		3.1	4.4		3.8	4.5	2.8	3.7	2.9	2.6	2.3		
210			2.4			2.4							
219													
1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+		
2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+		
3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+		
4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+		
5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+		
6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+		
7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+		
EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TNZK: T NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30	24.2												
35	22.4												
40	20.9												
45	19.7	22.7	22.8	22.7									
50	18.6	22.0	22.1	22.0	22.1	21.9							
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.8	20.6	19.3	20.5	20.3	19.2
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5	
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8	
90		18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5	
100		17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3	
110		17.0	17.2	17.2	17.3	17.2	17.3	17.2	14.0	17.3	17.1	14.2	
120		16.7	16.0	16.3	15.3	16.1	15.0	15.9	13.0	14.9	16.0	13.2	
130		14.2	12.8	13.4	12.1	13.0	11.9	13.0	12.1	11.8	13.1	12.3	
140		11.5	10.2	10.7	9.6	10.4	9.4	10.4	11.2	9.4	10.5	11.5	
150		9.3	8.3	8.8	7.8	8.5	7.6	8.5	10.5	7.6	8.6	10.6	
170					4.2	5.2	4.1	5.3	8.3	4.3	5.6	7.7	
190								2.4	6.0		2.8	5.4	
210													
219													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		20.1											
70		19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1				
80		18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4	
90		18.0	17.7	16.4	17.7	15.6	13.0	15.2	12.6	12.4	12.0	11.8	
100		17.5	17.2	15.2	17.2	14.6	12.2	14.3	11.9	11.7	11.3	11.2	
110		17.0	16.5	14.2	16.5	13.7	11.4	13.5	11.1	11.1	10.7	10.6	
120		14.8	15.6	13.2	14.6	12.9	10.7	12.7	10.5	10.4	10.1	10.0	
130		12.0	13.4	12.4	12.1	12.1	10.0	11.9	9.9	9.9	9.7	9.6	
140		9.6	10.8	11.6	9.9	11.2	9.4	10.5	9.4	9.4	9.2	9.1	
150		7.7	8.9	9.9	8.0	9.5	8.8	8.6	8.8	8.6	8.2	8.0	
170		4.6	6.0	7.0	5.0	6.6	7.1	5.6	6.5	5.6	5.3	5.1	
190			3.3	4.6	2.3	4.1	4.8	3.1	4.1	3.2	3.0	2.7	
210				2.4			2.6						
219													

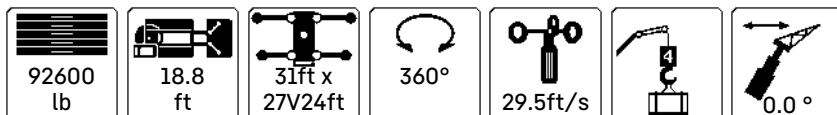
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	










TNZK: T NZK-38ft



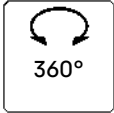
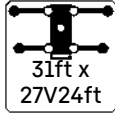
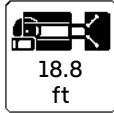
		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	ft												
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.6	37.7	37.4	36.5	35.8	33.9	32.8	23.9	30.7	29.2	23.5
	70	13.8	32.9	33.7	33.4	33.3	32.8	31.4	31.1	21.6	29.4	28.2	21.4
	80		28.6	28.3	29.0	26.8	27.9	25.6	26.8	19.6	24.6	26.1	19.6
	90		24.9	23.1	23.9	21.7	22.8	20.7	22.0	17.8	20.0	21.4	17.9
	100		20.5	18.7	19.4	17.6	18.7	16.8	18.0	16.2	16.2	17.6	16.4
	110		16.6	14.8	15.5	13.9	14.9	13.5	14.7	14.8	13.1	14.5	15.1
	120		13.4	11.7	12.4	10.8	11.8	10.4	11.6	13.6	10.2	11.6	13.9
	130		10.8	9.3	9.8	8.6	9.4	8.2	9.2	12.4	8.1	9.3	11.8
	140		8.9	7.5	8.1	6.7	7.6	6.4	7.5	10.5	6.3	7.5	9.7
	150		7.4	5.8	6.4	5.0	5.9	4.6	5.8	8.9	4.6	6.0	8.2
	170			3.0	3.6		3.1		2.9	6.5		3.1	5.8
	190								4.4				3.6
	208												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TNZK: T NZK-38ft



	ft	x1000lb												
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
	10													
	12													
	14													
	16													
	18													
	20													
	25													
	30													
	35													
	40	28.2	26.2	24.0	23.9	20.8	17.0							
	45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1			
	50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6		
	60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3		
	70	26.3	24.4	20.9	22.8	19.2	15.1	18.1	14.2	13.9	13.2	12.9		
	80	24.0	22.6	19.2	21.8	18.0	14.2	17.2	13.5	13.3	12.6	12.4		
	90	19.5	20.6	17.7	19.1	16.8	13.3	16.2	12.8	12.6	12.0	11.8		
	100	15.8	17.4	16.3	15.6	15.7	12.4	15.3	12.0	11.9	11.4	11.2		
	110	12.8	14.4	15.1	12.7	14.4	11.6	13.1	11.3	11.2	10.8	10.7		
	120	10.3	11.8	13.3	10.3	12.3	10.8	10.8	10.6	10.2	10.1	9.8		
	130	8.2	9.5	10.8	8.2	10.1	10.0	8.8	9.6	8.6	8.2	7.9		
	140	6.3	7.7	8.9	6.4	8.3	8.9	7.0	7.9	6.9	6.5	6.2		
	150	4.6	6.2	7.4	4.9	6.8	7.4	5.5	6.4	5.4	5.1	4.8		
	170		3.5	4.8		4.2	4.9	2.9	3.8	2.9	2.6	2.2		
	190			2.6			2.7							
	208													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+		
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x		

TNZK: T NZK-38ft



		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	ft												
	10												
	12												
	14												
	16												
	18	44.8											
	20	43.1											
	25	37.9											
	30	33.2											
	35	29.5	36.5										
	40	26.5	34.8	34.5	34.3	33.3	32.8						
	45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
	50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
	60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
	70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.2	24.4	20.2
	80		23.7	24.2	24.1	24.4	24.1	24.2	23.8	18.5	23.6	23.0	18.5
	90		22.0	22.6	22.5	22.8	22.6	22.3	22.3	16.9	21.8	21.7	17.0
	100		20.6	20.3	20.5	19.3	20.2	18.4	19.6	15.5	17.8	19.1	15.6
	110		17.7	16.2	16.8	15.4	16.3	15.0	16.1	14.2	14.5	15.8	14.4
	120		14.4	12.8	13.4	12.0	12.9	11.7	12.8	13.1	11.6	12.9	13.4
	130		11.6	10.1	10.7	9.4	10.2	9.1	10.1	12.1	9.1	10.2	12.3
	140		9.4	8.2	8.7	7.6	8.3	7.3	8.2	11.1	7.2	8.3	10.5
	150		7.8	6.4	7.0	5.7	6.6	5.5	6.6	9.4	5.5	6.7	8.8
	170			3.3	3.9	2.6	3.5	2.3	3.5	6.8	2.3	3.7	6.2
	190									4.6			4.0
	208												2.3
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	45+	90+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+
	n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZK: T NZK-38ft



		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
	70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
	80	22.6	21.1	18.1	20.5	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
	90	20.9	19.6	16.8	19.2	16.0	13.0	15.5	12.5	12.4	11.9	11.7	
	100	17.4	18.3	15.5	17.2	14.9	12.2	14.6	11.8	11.7	11.2	11.1	
	110	14.2	15.7	14.4	14.1	14.0	11.4	13.7	11.1	11.0	10.6	10.5	
	120	11.6	13.0	13.4	11.5	13.0	10.6	12.0	10.4	10.4	10.1	10.0	
	130	9.2	10.4	11.7	9.3	11.1	9.9	9.8	9.8	9.4	9.3	9.0	
	140	7.3	8.5	9.6	7.4	9.1	9.2	8.0	8.8	7.9	7.5	7.2	
	150	5.6	6.9	8.0	5.7	7.5	8.1	6.3	7.2	6.3	6.0	5.7	
	170	2.6	4.1	5.4	2.9	4.9	5.5	3.6	4.5	3.6	3.3	3.1	
	190			3.1		2.4	3.2		2.3				
	208												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZK: T NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30		24.2											
35		22.4											
40		20.9											
45		19.7	22.7	22.8	22.7								
50		18.6	22.0	22.1	22.0	22.1	21.9						
60		17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2
70		16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5
80			18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8
90			18.0	18.2	18.2	18.3	18.2	18.3	18.2	16.5	18.2	18.0	16.5
100			17.4	17.6	17.6	17.7	17.7	17.8	17.6	15.2	17.7	17.5	15.3
110			17.0	16.8	17.0	16.4	17.2	16.1	17.0	14.0	15.7	16.8	14.2
120			15.0	13.6	14.2	12.9	13.8	12.6	13.7	13.0	12.6	13.8	13.2
130			12.0	10.7	11.2	10.0	10.9	9.8	10.8	12.1	9.8	11.0	12.3
140			9.6	8.5	9.0	8.0	8.7	7.8	8.7	11.2	7.8	8.8	10.9
150			7.9	6.7	7.3	6.2	7.0	6.0	7.0	9.7	6.1	7.1	9.2
170						2.7	3.7	2.6	3.8	7.0	2.8	4.1	6.4
190										4.7			4.1
208													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	45+	90+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



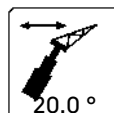
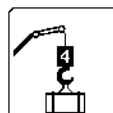
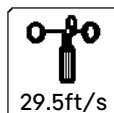
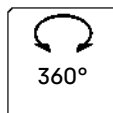
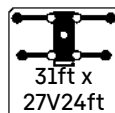
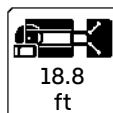
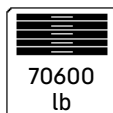
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	44.5	42.7	42.3	39.9	39.0	36.4	35.0	27.1	32.3	30.6	25.7
	50	21.9	42.5	41.2	40.8	38.8	37.9	35.6	34.3	26.2	31.7	30.1	25.3
	60	17.1	37.1	34.4	35.1	32.5	33.7	31.2	32.1	23.9	29.6	29.2	23.5
	70	13.8	29.4	26.8	27.5	25.1	26.3	24.2	25.5	21.6	23.2	24.7	21.4
	80		23.5	21.1	21.9	19.6	20.8	18.7	20.2	19.6	18.1	19.5	19.6
	90		18.8	16.7	17.4	15.3	16.4	14.5	15.9	17.8	14.1	15.6	17.8
	100		14.6	12.9	13.6	11.8	12.9	11.1	12.5	16.2	10.8	12.3	15.2
	110		11.3	9.7	10.3	9.0	9.8	8.3	9.6	13.3	8.0	9.7	12.4
	120		8.9	7.6	8.1	6.7	7.6	6.0	7.4	10.6	5.7	7.4	9.8
	130		7.1	5.6	6.2	4.7	5.7	4.1	5.4	8.7	3.8	5.4	8.0
	140		5.4	3.8	4.4	2.9	4.0		3.8	7.2		3.7	6.5
	150		3.9		2.9		2.2			5.9			5.2
	170									3.6			2.8
	190												
	191												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TNZK: T NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	28.2	26.2	24.0	23.9	20.8	17.0							
45	27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1			
50	27.6	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6		
60	27.0	25.3	22.5	23.2	20.3	15.9	18.8	14.8	14.4	13.6	13.3		
70	22.4	24.0	20.9	21.9	19.2	15.1	18.1	14.2	13.9	13.2	12.9		
80	17.6	19.2	19.2	17.2	18.0	14.2	17.0	13.5	13.3	12.6	12.4		
90	13.8	15.3	16.8	13.5	15.6	13.3	13.9	12.8	12.6	12.0	11.8		
100	10.6	12.2	13.7	10.6	12.6	12.4	11.0	11.5	10.7	10.2	9.9		
110	8.0	9.6	11.1	8.1	10.1	10.7	8.6	9.4	8.4	8.0	7.7		
120	5.8	7.5	8.9	6.0	8.0	8.6	6.5	7.4	6.4	6.0	5.7		
130	3.8	5.6	7.1	4.1	6.2	6.9	4.8	5.7	4.7	4.4	4.1		
140		4.0	5.6	2.2	4.7	5.3	3.2	4.2	3.3	2.8	2.5		
150		2.4	4.1		3.3	4.0		2.9					
170													
190													
191													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	

TNZK: T NZK-38ft



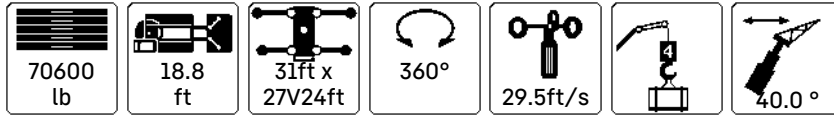
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18	44.8											
	20	43.1											
	25	37.9											
	30	33.2											
	35	29.5	36.5										
	40	26.5	34.8	34.5	34.3	33.3	32.8						
	45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
	50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
	60	18.9	28.2	28.5	28.4	28.4	28.1	27.9	27.3	22.3	26.7	25.8	22.0
	70	17.0	25.8	26.2	26.1	26.2	25.9	25.9	25.4	20.3	25.1	24.4	20.2
	80		23.7	23.1	23.8	21.9	22.9	21.1	22.2	18.5	20.3	21.5	18.5
	90		20.4	18.5	19.2	17.3	18.3	16.5	17.8	16.9	16.0	17.3	17.0
	100		16.0	14.5	15.1	13.5	14.5	12.8	14.2	15.5	12.5	13.9	15.6
	110		12.5	11.0	11.6	10.2	11.1	9.8	10.9	14.2	9.6	11.0	13.6
	120		9.7	8.5	9.0	7.8	8.6	7.3	8.5	11.6	7.1	8.5	10.8
	130		7.8	6.5	7.0	5.8	6.7	5.2	6.5	9.4	5.0	6.5	8.7
	140		6.0	4.6	5.2	3.9	4.8	3.3	4.7	7.8	3.2	4.7	7.2
	150		4.4	2.9	3.5		3.2		3.1	6.4		3.1	5.8
	170									4.0			3.3
	190												
	191												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZZK: T NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	24.5	23.4	21.3	21.9	19.6	15.7	18.3	14.7	14.4			
70	23.6	22.5	19.7	21.4	18.4	14.8	17.6	14.0	13.7	13.1	12.8	
80	19.7	21.0	18.1	19.2	17.2	13.9	16.5	13.3	13.1	12.5	12.3	
90	15.6	17.0	16.8	15.3	16.0	13.0	15.3	12.5	12.4	11.9	11.7	
100	12.3	13.7	14.9	12.1	14.0	12.2	12.5	11.8	11.7	11.2	11.0	
110	9.5	10.9	12.3	9.5	11.4	11.3	9.9	10.6	9.7	9.3	9.0	
120	7.1	8.7	9.9	7.2	9.1	9.7	7.7	8.6	7.6	7.2	6.9	
130	5.1	6.7	7.9	5.3	7.2	7.8	5.9	6.7	5.8	5.5	5.2	
140	3.2	4.9	6.4	3.6	5.6	6.2	4.3	5.1	4.2	3.9	3.6	
150		3.4	4.9		4.1	4.8	2.8	3.8	2.9	2.4		
170			2.3			2.3						
190												
191												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	ESTL	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



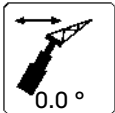
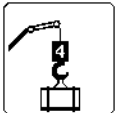
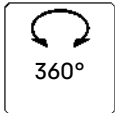
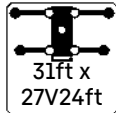
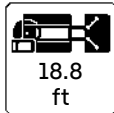
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	24.2												
35	22.4												
40	20.9												
45	19.7	22.7	22.8	22.7									
50	18.6	22.0	22.1	22.0	22.1	21.9							
60	17.2	20.7	20.8	20.8	20.9	20.8	20.8	20.6	19.3	20.5	20.3	19.2	
70	16.0	19.6	19.8	19.7	19.9	19.8	19.8	19.6	18.5	19.6	19.4	18.5	
80		18.7	18.9	18.9	19.0	18.9	19.0	18.9	17.9	18.9	18.7	17.8	
90		18.0	18.2	18.2	18.1	18.2	17.7	18.2	16.5	17.6	18.0	16.5	
100		16.8	15.7	16.2	14.9	15.8	14.3	15.5	15.2	13.9	15.1	15.3	
110		13.3	11.9	12.5	11.2	12.1	10.9	12.0	14.0	10.8	12.1	14.2	
120		10.3	9.1	9.6	8.6	9.2	8.3	9.2	12.3	8.2	9.3	11.6	
130		8.1	7.0	7.5	6.5	7.2	6.0	7.2	9.9	5.9	7.3	9.3	
140		6.3	5.0	5.6	4.5	5.4	4.1	5.3	8.2	3.9	5.4	7.6	
150		4.4	3.2	3.8	2.6	3.6		3.6	6.7		3.7	6.2	
170									4.2			3.6	
190													
191													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



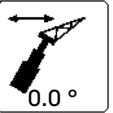
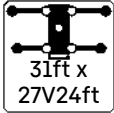
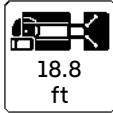
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	20.1										
	70	19.3	18.9	18.4	18.7	17.8	14.8	17.2	14.1			
	80	18.6	18.3	17.6	18.2	16.8	13.9	16.2	13.4	13.2	12.6	12.4
	90	17.1	17.7	16.4	16.8	15.6	13.0	15.2	12.6	12.4	12.0	11.8
	100	13.6	15.0	15.2	13.4	14.6	12.2	13.8	11.9	11.7	11.3	11.2
	110	10.7	12.0	13.3	10.6	12.4	11.4	11.1	11.1	10.7	10.4	10.1
	120	8.2	9.6	10.7	8.2	10.0	10.3	8.7	9.5	8.6	8.2	7.9
	130	6.0	7.5	8.5	6.2	8.0	8.6	6.8	7.5	6.7	6.3	6.1
	140	4.1	5.7	6.9	4.4	6.3	6.8	5.0	5.9	5.0	4.7	4.4
	150	2.2	4.0	5.4	2.6	4.7	5.3	3.5	4.4	3.5	3.2	2.9
	170			2.8			2.8					
	190											
	191											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



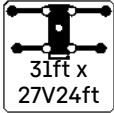
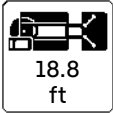
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1	46.1										
	25	46.1	46.1	46.1	46.1								
	30	42.7	46.1	46.1	45.9	42.8	41.6	38.3	36.7				
	35	35.0	46.1	45.5	45.0	42.1	41.0	37.8	36.3	27.6	33.2	31.3	26.1
	40	29.3	46.0	44.3	43.8	41.1	40.1	37.2	35.7	27.4	32.8	31.0	25.9
	45	25.2	42.6	39.2	40.1	37.0	37.9	35.0	35.0	27.1	32.3	30.6	25.7
	50	21.9	36.5	33.4	34.2	31.4	32.7	30.0	31.6	26.2	28.9	30.1	25.3
	60	17.1	27.4	24.8	25.6	23.0	24.2	22.0	23.5	23.9	21.3	22.8	23.5
	70	13.8	21.0	18.5	19.3	17.0	18.2	16.1	17.6	21.3	15.6	17.2	20.2
	80		16.2	13.8	14.6	12.5	13.6	11.7	13.1	17.5	11.2	12.9	15.9
	90		12.3	10.2	10.9	8.9	10.1	8.2	9.6	13.9	7.9	9.5	12.6
	100		9.1	7.3	8.0	6.1	7.2	5.4	6.8	10.8	5.1	6.7	9.9
	110		6.9	4.9	5.6	3.6	4.9	2.8	4.5	8.5	2.5	4.5	7.7
	120		4.9	2.6	3.6		2.6			6.7			5.8
	130		3.0							5.2			4.1
	140									3.8			2.6
	150									2.4			
	170												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TNZK: T NZK-38ft



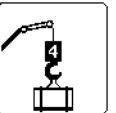
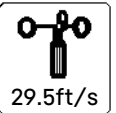
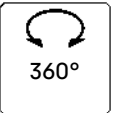
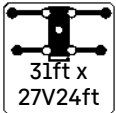
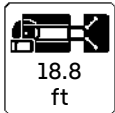
		x1000lb										
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40		28.2	26.2	24.0	23.9	20.8	17.0					
45		27.9	26.0	23.8	23.7	20.8	16.8	19.0	15.5	15.0	14.1	
50		27.1	25.8	23.6	23.6	20.7	16.5	19.0	15.3	14.8	14.0	13.6
60		20.5	22.1	22.5	19.8	20.3	15.9	18.7	14.8	14.4	13.6	13.3
70		15.2	16.8	18.4	14.8	16.9	15.1	15.0	14.2	13.9	13.1	12.8
80		11.2	12.8	14.3	11.0	13.0	13.6	11.3	12.1	10.9	10.4	10.1
90		7.8	9.6	11.1	7.9	10.0	10.6	8.4	9.2	8.1	7.7	7.3
100		5.1	6.9	8.5	5.4	7.5	8.1	6.0	6.9	5.8	5.4	5.1
110		2.6	4.7	6.3	2.9	5.4	6.1	4.0	4.9	3.8	3.4	2.9
120			2.4	4.4		3.6	4.4		3.0			
130				2.6			2.6					
140												
150												
170												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18	44.8											
	20	43.1											
	25	37.9											
	30	33.2											
	35	29.5	36.5										
	40	26.5	34.8	34.5	34.3	33.3	32.8						
	45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9				
	50	22.0	31.2	31.3	31.1	31.0	30.7	29.8	29.2	24.4	27.9	26.9	
	60	18.9	28.2	27.8	28.4	26.3	27.2	25.2	26.3	22.3	24.3	25.3	22.0
	70	17.0	23.3	21.1	21.8	19.7	20.7	18.8	20.1	20.3	18.3	19.6	20.2
	80		18.1	16.0	16.7	14.7	15.8	14.0	15.3	18.4	13.6	15.0	17.6
	90		13.9	12.0	12.7	10.9	11.9	10.2	11.5	15.3	9.9	11.4	14.1
	100		10.2	8.9	9.4	7.8	8.8	7.1	8.4	12.1	6.9	8.4	11.2
	110		7.8	6.3	6.9	5.2	6.2	4.6	5.9	9.4	4.4	5.9	8.7
	120		5.8	4.1	4.8	2.8	4.1		3.8	7.5		3.8	6.8
	130		3.9		2.7					5.9			5.1
	140									4.5			3.6
	150									3.2			
	170												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

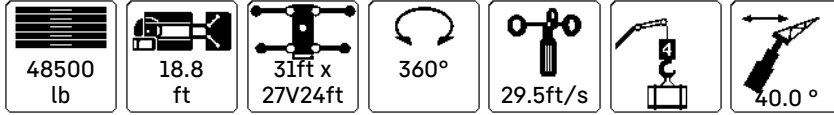
TNZK: T NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	23.3	23.3	21.3	21.6	19.6	15.7	18.3	14.7	14.4			
70	17.6	19.0	19.7	17.1	18.4	14.8	17.2	14.0	13.7	13.1	12.8	
80	13.3	14.7	16.1	13.0	14.9	13.9	13.2	13.3	12.6	12.2	11.9	
90	9.8	11.3	12.7	9.7	11.6	12.1	10.1	10.8	9.7	9.3	9.0	
100	6.9	8.5	9.9	7.0	8.9	9.5	7.5	8.3	7.3	6.9	6.6	
110	4.4	6.1	7.6	4.7	6.7	7.3	5.4	6.2	5.2	4.8	4.6	
120		4.1	5.6	2.4	4.8	5.4	3.4	4.4	3.3	2.9	2.5	
130			3.9		3.0	3.9		2.6				
140												
150												
170												

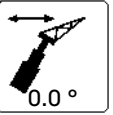
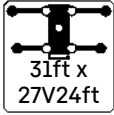
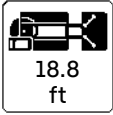
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



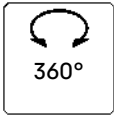
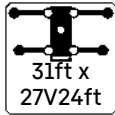
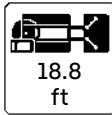
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60		20.1										
70		19.1	18.9	18.4	18.7	17.8	14.8	17.2	14.1			
80		15.1	16.4	17.5	14.8	16.5	13.9	14.9	13.4	13.2	12.6	12.4
90		11.4	12.7	14.0	11.2	13.0	13.0	11.5	12.2	11.2	10.8	10.5
100		8.3	9.7	11.0	8.3	10.1	10.6	8.7	9.4	8.5	8.1	7.8
110		5.7	7.2	8.6	5.9	7.7	8.3	6.4	7.2	6.3	5.9	5.7
120		3.3	5.0	6.5	3.7	5.7	6.3	4.5	5.3	4.4	4.0	3.8
130			3.2	4.6		3.9	4.6	2.5	3.6	2.5		
140				3.0			3.0					
150												
170												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TNZK: T NZK-38ft

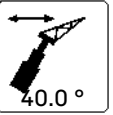
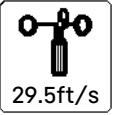
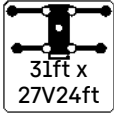
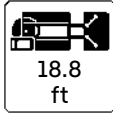


	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40		28.2	26.2	24.0	23.9	20.8	17.0					
45		26.7	26.0	23.8	23.6	20.8	16.8	19.0	15.5	15.0	14.1	
50		22.7	24.4	23.6	21.8	20.7	16.5	19.0	15.3	14.8	14.0	13.6
60		16.3	17.9	19.5	15.7	17.9	15.9	15.8	14.8	14.3	13.5	13.2
70		11.5	13.2	14.7	11.3	13.4	13.9	11.5	12.3	11.1	10.5	10.2
80		7.7	9.6	11.1	7.8	9.9	10.5	8.2	9.0	7.9	7.5	7.1
90		4.7	6.6	8.2	4.9	7.2	7.8	5.6	6.5	5.4	5.0	4.6
100			4.1	5.8		4.9	5.6	3.0	4.3		2.4	
110				3.6		2.6	3.6					
120												
130												
140												
150												
155												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft

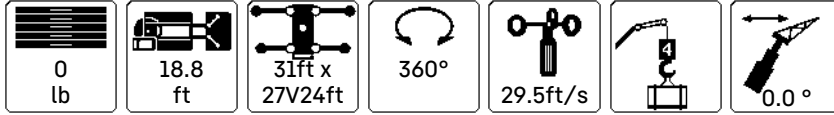


	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18	44.8												
20	43.1												
25	37.9												
30	33.2												
35	29.5	36.5											
40	26.5	34.8	34.5	34.3	33.3	32.8							
45	24.1	32.9	33.0	32.8	32.2	31.8	30.6	29.9					
50	22.0	31.2	31.0	31.1	29.6	30.2	28.3	29.2	24.4	27.3	26.8		
60	18.9	25.4	23.0	23.7	21.5	22.6	20.5	21.8	22.3	19.9	21.2	22.0	
70	17.0	19.1	16.9	17.6	15.6	16.6	14.8	16.1	19.9	14.3	15.8	18.5	
80		14.4	12.3	13.0	11.1	12.2	10.4	11.7	15.7	10.1	11.6	14.3	
90		10.6	8.8	9.5	7.7	8.7	7.0	8.3	12.3	6.7	8.2	11.1	
100		7.8	5.9	6.6	4.8	5.9	4.1	5.6	9.4	3.8	5.6	8.5	
110		5.5	3.4	4.3		3.4		3.0	7.3		3.0	6.3	
120		3.4							5.4			4.4	
130									3.8			2.6	
140													
150													
155													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x



		x1000lb										
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60		20.1										
70		16.2	17.4	18.1	15.7	17.2	14.8	15.7	14.1			
80		11.9	13.1	14.4	11.6	13.3	13.7	11.8	12.4	11.4	11.0	10.7
90		8.4	9.8	11.1	8.4	10.1	10.6	8.7	9.4	8.5	8.1	7.8
100		5.5	7.0	8.4	5.7	7.6	8.1	6.2	6.9	6.0	5.6	5.4
110		2.8	4.6	6.1	3.2	5.4	5.9	4.1	4.9	3.9	3.6	3.2
120			2.4	4.1		3.3	4.1		2.9			
130												
140												
150												
155												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



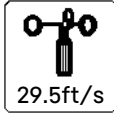
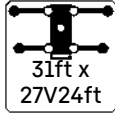
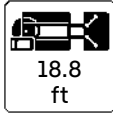
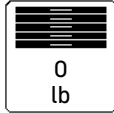
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
11													
12		46.1											
13		46.1											
14		46.1											
15		46.1											
16		46.1											
17		46.1											
18		46.1											
19		46.1											
20		46.1	46.1										
22		46.1	45.9										
24		46.1	42.3	37.6	38.6								
26		46.1	37.7	33.3	34.3	30.4							
28		45.8	33.7	29.6	30.5	26.9	28.3						
30		42.7	30.3	26.5	27.4	23.9	25.3	22.2	23.9				
32		39.4	27.2	23.7	24.6	21.4	22.7	19.7	21.4	26.7			
34		36.4	24.5	21.1	22.0	19.0	20.3	17.5	19.2	24.6	16.5	18.5	
36		33.7	22.2	18.9	19.8	16.9	18.2	15.5	17.2	22.5	14.7	16.6	20.5
38		31.5	20.0	16.9	17.8	15.0	16.3	13.7	15.4	20.6	12.9	14.8	18.7
40		29.3	18.1	15.1	16.0	13.3	14.6	12.0	13.7	18.9	11.4	13.3	17.1
45		25.2	14.1	11.3	12.1	9.6	10.9	8.5	10.2	15.2	7.9	9.9	13.6
50		21.2	10.8	8.2	9.0	6.3	7.9	4.9	7.2	12.3	4.2	7.0	10.7
55		17.0	8.2	5.1	6.2	3.3	4.8		4.2	9.8		4.0	8.4
60		13.8	5.7							7.8			6.3
65		11.2	3.3							6.0			4.2
70		9.3								4.0			2.5
75										2.4			
80													
85													
90													
95													
100													
105													
108													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x	1x	1x

TNZK: T NZK-38ft



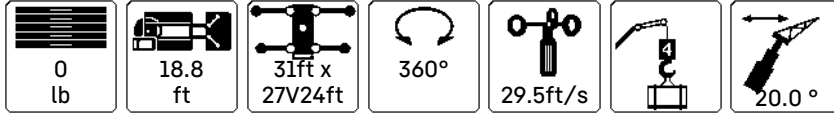
		x1000lb											
	ft	199.3	199.6	199.6	212.6	217.2	225.6	230.2	237.3				
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38	12.5	14.6	16.5	14.4								
	40	11.1	13.1	15.0	13.1	13.5							
	45	7.6	9.8	11.8	10.2	10.7	7.9	8.8	7.1				
	50		7.1	9.1	7.7	8.4	5.1	6.2	4.5				
	55		4.2	6.7	5.0	6.2	2.9	3.9					
	60			4.2	2.9	3.9							
	65			2.4									
	70												
	75												
	80												
	85												
	90												
	95												
	100												
	105												
	108												
	1	90+	45+	0+	45+	0+	90+	45+	90+				
	2	90+	90+	90+	90+	100+	90+	100+	90+				
	3	90+	90+	90+	90+	100+	90+	100+	90+				
	4	90+	90+	90+	90+	100+	90+	100+	100+				
	5	90+	90+	90+	90+	100+	90+	100+	100+				
	6	45+	90+	90+	90+	100+	90+	100+	100+				
	7	45+	45+	90+	90+	100+	90+	100+	100+				
	EST1	1x	1x	1x	1x	1x	1x	1x	1x				

TNPK: T NZK-38ft



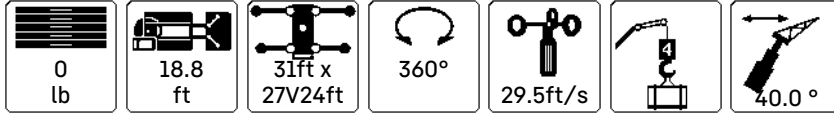
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
11													
12													
13													
14													
15													
16													
17													
18	44.8												
19	43.9												
20	43.1												
22	41.2												
24	38.9												
26	36.9												
28	34.9												
30	33.2												
32	31.6												
34	30.2	29.9											
36	28.9	27.2	24.3										
38	27.6	24.8	22.0	22.7									
40	26.5	22.6	20.0	20.6	18.2	19.2							
45	24.1	18.0	15.5	16.2	14.0	15.0	13.0	14.3					
50	22.0	14.3	12.0	12.7	10.6	11.6	9.7	11.0	15.2	9.2	10.7		
55	19.0	11.3	9.1	9.8	7.8	8.8	6.9	8.3	12.4	6.3	8.1	11.1	
60	15.3	8.8	6.7	7.4	5.0	6.5	3.9	5.8	10.1	3.5	5.6	8.9	
65	12.3	6.7	4.0	5.0		3.9		3.3	8.2		3.1	7.0	
70	9.9	4.5							6.5			5.3	
75		2.5							4.9			3.3	
80									3.3				
85													
90													
95													
100													
105													
108													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	ESTI	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



		x1000lb										
	ft	199.3	199.6	199.6	212.6	217.2						
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	22											
	24											
	26											
	28											
	30											
	32											
	34											
	36											
	38											
	40											
	45											
	50											
	55	6.2	8.1	9.7	8.5							
	60		5.8	7.5	6.5	7.1						
	65		3.4	5.6	4.2	5.2						
	70			3.5	2.4	3.3						
	75											
	80											
	85											
	90											
	95											
	100											
	105											
	108											
	1	90+	45+	0+	45+	0+						
	2	90+	90+	90+	90+	100+						
	3	90+	90+	90+	90+	100+						
	4	90+	90+	90+	90+	100+						
	5	90+	90+	90+	90+	100+						
	6	45+	90+	90+	90+	100+						
	7	45+	45+	90+	90+	100+						
	EST1	1x	1x	1x	1x	1x						

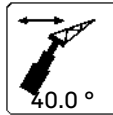
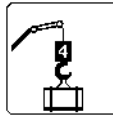
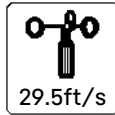
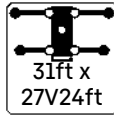
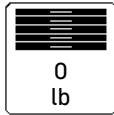
TNZK: T NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28	25.1											
	30	24.2											
	32	23.5											
	34	22.7											
	36	22.1											
	38	21.5											
	40	20.9											
	45	19.7	21.6	19.4	19.9								
	50	18.6	17.5	15.4	16.0	14.1	14.9						
	55	17.8	14.1	12.1	12.7	10.9	11.8	10.1	11.2		9.6		
	60	16.4	11.3	9.4	10.0	8.2	9.1	7.5	8.7	12.3	7.1	8.5	11.1
	65	13.0	8.9	7.0	7.6	5.9	6.9	5.1	6.5	10.1	4.6	6.3	9.0
	70	9.9	6.9	4.8	5.6	3.4	4.7		4.2	8.2		4.1	7.2
	75		4.9	2.5	3.3		2.5			6.6			5.6
	80		3.0							5.2			3.9
	85									3.6			
	90									2.2			
	95												
	100												
	105												
	108												

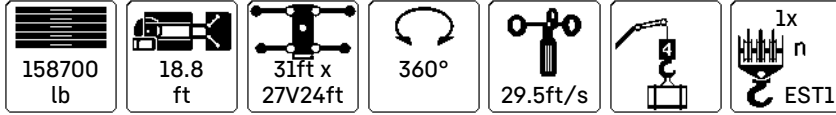
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZK: T NZK-38ft



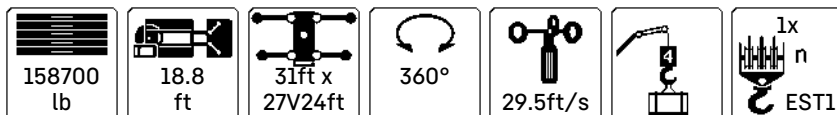
		x1000lb									
		199.6	199.6	212.6	217.2						
	ft										
	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60										
	65	6.3	7.8								
	70	4.2	6.0	5.1	5.7						
	75	2.3	4.1	3.0	4.0						
	80				2.4						
	85										
	90										
	95										
	100										
	105										
	108										
	1	45+	0+	45+	0+						
	2	90+	90+	90+	100+						
	3	90+	90+	90+	100+						
	4	90+	90+	90+	100+						
	5	90+	90+	90+	100+						
	6	90+	90+	90+	100+						
	7	45+	90+	90+	100+						
	EST1	1x	1x	1x	1x						

TNZK: T NZK-66ft



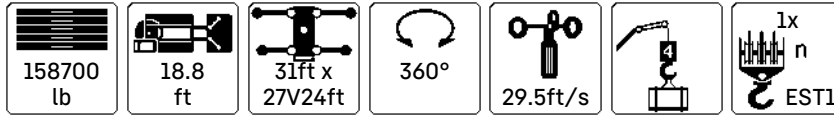
ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
20	21.2												
25	20.6			18.3			17.8				17.7		
30	19.2			18.3			17.8				17.7		
35	17.8			18.3			17.8				17.7		
40	16.4	13.3		18.2			17.8				17.7		
45	15.2	12.3		17.9			17.5				17.4		
50	13.9	11.5		17.4	12.9		17.1	12.8			17.0	12.8	
60	11.1	10.2	8.8	16.3	11.9		16.2	11.9			16.1	11.8	
70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8	
80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5	
90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2	
100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0	
110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8	
120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7	
130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6	
140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5	
150				7.3	7.8	7.6	7.8	7.9	7.5	7.7	7.9	7.5	
170				6.5	7.6	7.6	6.8	7.6	7.5	6.8	7.6	7.5	
190				5.8			6.1	7.6	7.5	6.1	7.5	7.5	
210													
230													
250													
270													
275													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



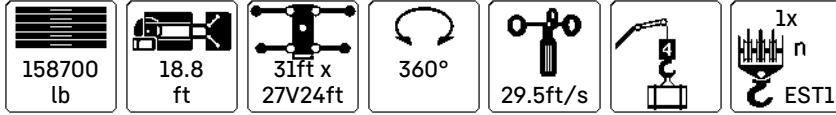
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8
	120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6
	130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5
	140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5
	150	8.1	7.9	7.5	8.0	7.9	7.5	8.4	7.9	7.4	8.3	7.9	7.4
	170	7.2	7.6	7.5	7.1	7.6	7.5	7.4	7.6	7.4	7.3	7.6	7.4
	190	6.4	7.5	7.5	6.4	7.5	7.5	6.6	7.4	7.4	6.6	7.4	7.4
	210	5.9	7.2		5.9	7.5		6.1	6.9	7.1	6.1	7.4	7.4
	230							2.5			3.5		
	250												
	270												
	275												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



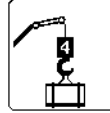
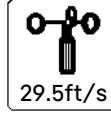
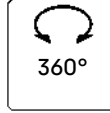
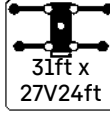
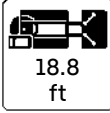
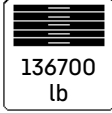
ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.6	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	9.0	8.1	7.4	8.9	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	8.5	7.9	7.4	8.3	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	7.6	7.6	7.3	7.5	7.6	7.3	7.1	7.4	7.3	
190	6.3	6.9	7.0	6.8	7.4	7.3	6.8	7.4	7.3	6.5	7.0	7.1	
210	5.9	6.2	6.4	6.2	7.0	7.2	6.2	7.3	7.3	6.1	6.4	6.6	
230	5.4			4.2	4.6	4.5	5.3	5.7	5.7	5.7	5.8	6.0	
250													
270													
275													
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
2%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
6%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
7%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



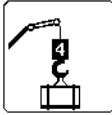
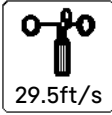
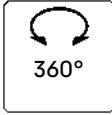
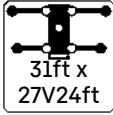
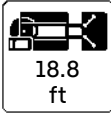
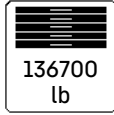
ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
20													
25													
30													
35													
40	13.9			13.2			12.2						
45	13.8			13.1			12.1				12.3		
50	13.7			13.0			12.0				12.2		
60	13.3			12.6			11.7				11.9		
70	12.9	10.2		12.3	9.9		11.4	9.6			11.6	9.8	
80	12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3			11.3	9.4	
90	11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8		10.8	9.1	7.9
100	11.1	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.4	8.7	7.7	
110	10.5	8.8	7.7	10.2	8.6	7.6	9.7	8.4	7.5	9.9	8.5	7.5	
120	10.0	8.5	7.5	9.7	8.3	7.5	9.3	8.1	7.4	9.6	8.3	7.4	
130	9.5	8.2	7.4	9.2	8.1	7.4	8.9	7.9	7.3	9.2	8.0	7.3	
140	9.0	8.0	7.4	8.7	7.9	7.3	8.4	7.8	7.3	8.8	7.9	7.3	
150	8.5	7.8	7.3	8.3	7.7	7.3	8.0	7.6	7.3	8.4	7.7	7.2	
170	7.6	7.5	7.3	7.5	7.5	7.3	7.3	7.4	7.3	7.6	7.4	7.2	
190	7.0	7.4	7.3	6.8	7.3	7.3	6.7	7.1	7.2	7.0	7.3	7.2	
210	6.3	7.1	7.2	6.3	7.0	7.2	6.1	6.4	6.5	6.4	7.1	7.2	
230	4.2	4.8	4.9	5.5	6.0	6.1	5.2	5.4	5.5	4.5	5.1	5.4	
250	2.5	2.8		3.8	4.1		4.4	4.5		2.7	3.2	3.2	
270													
275													
%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



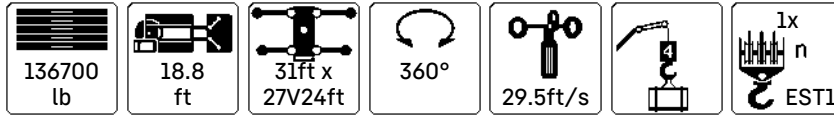
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8
	120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6
	130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5
	140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5
	150	8.1	7.9	7.5	8.0	7.9	7.5	8.4	7.9	7.4	8.3	7.9	7.4
	170	7.2	7.6	7.5	7.1	7.6	7.5	7.4	7.6	7.4	7.3	7.6	7.4
	190	6.4	7.3	7.5	6.4	7.5	7.5	6.2	7.2	7.4	6.6	7.4	7.4
	210	4.4	4.8		5.2	5.6		4.0	4.6	4.6	5.0	5.5	5.7
	230										3.2		
	250												
	262												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TNZK: T NZK-66ft



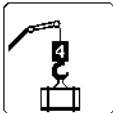
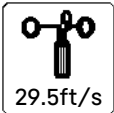
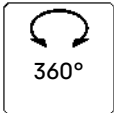
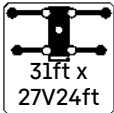
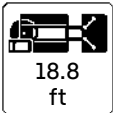
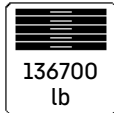
	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		13.9			13.2			12.2					
45		13.8			13.1			12.1			12.3		
50		13.7			13.0			12.0			12.2		
60		13.3			12.6			11.7			11.9		
70		12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8	
80		12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.3	9.4	
90		11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9
100		11.1	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.4	8.7	7.7
110		10.5	8.8	7.7	10.2	8.6	7.6	9.7	8.4	7.5	9.9	8.5	7.5
120		10.0	8.5	7.5	9.7	8.3	7.5	9.3	8.1	7.4	9.6	8.3	7.4
130		9.5	8.2	7.4	9.2	8.1	7.4	8.9	7.9	7.3	9.2	8.0	7.3
140		9.0	8.0	7.4	8.7	7.9	7.3	8.4	7.8	7.3	8.8	7.9	7.3
150		8.5	7.8	7.3	8.3	7.7	7.3	8.0	7.6	7.3	8.4	7.7	7.2
170		7.6	7.5	7.3	7.5	7.5	7.3	7.3	7.4	7.3	7.6	7.4	7.2
190		6.2	7.1	7.3	6.8	7.3	7.3	6.7	7.1	7.2	6.4	7.2	7.2
210		3.9	4.8	5.2	5.2	6.0	6.4	6.1	6.4	6.5	4.2	5.1	5.6
230			2.6	2.8	3.4	3.9	4.0	4.6	5.1	5.2	2.3	3.0	3.2
250								3.1	3.3				
262													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.4			10.2			10.7					
	50	11.3			10.1			10.6			9.6		
	60	11.1			10.0			10.4			9.5		
	70	10.9	9.4		9.9			10.2			9.4		
	80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5	
	90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3	
	100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3
	110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2
	120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1
	130	8.9	7.9	7.3	8.1	7.7	7.2	8.8	7.8	7.2	7.9	7.6	7.1
	140	8.6	7.7	7.2	7.7	7.5	7.1	8.5	7.6	7.2	7.6	7.4	7.1
	150	8.1	7.6	7.2	7.3	7.2	7.1	8.2	7.5	7.1	7.2	7.2	7.0
	170	7.4	7.3	7.2	6.4	6.6	6.7	7.4	7.3	7.1	6.4	6.5	6.7
	190	6.8	7.1	7.1	5.4	5.7	6.0	6.6	7.0	7.1	5.5	5.8	6.0
	210	5.6	6.3	6.6	4.5	4.8	5.0	4.5	5.5	6.0	4.7	4.9	5.1
	230	3.7	4.3	4.6	3.6	3.8	4.0	2.6	3.4	3.8	3.5	4.1	4.3
	250		2.5	2.5	2.7	2.9	2.9					2.5	2.7
	262					2.2							
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

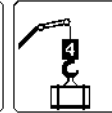
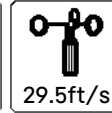
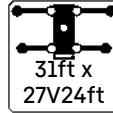
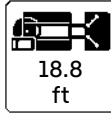
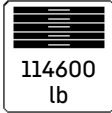
TNZK: T NZK-66ft



ft	x1000lb									
	237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1	
10										
12										
14										
16										
18										
20										
25										
30										
35										
40										
45										
50	9.2			8.5			8.2			
60	9.2			8.5			8.2			
70	9.2			8.5			8.2			
80	9.1	8.4		8.5	8.2		8.2	8.2		
90	8.9	8.2		8.5	8.0		8.2	8.0		
100	8.8	8.0	7.3	8.4	7.9	7.2	8.2	7.8	7.2	
110	8.5	7.8	7.2	8.2	7.7	7.1	8.1	7.7	7.1	
120	8.2	7.7	7.1	7.9	7.5	7.1	7.8	7.5	7.0	
130	7.9	7.5	7.1	7.6	7.4	7.0	7.6	7.4	7.0	
140	7.5	7.4	7.0	7.3	7.2	7.0	7.3	7.2	6.9	
150	7.2	7.1	7.0	7.0	7.0	6.9	7.0	7.0	6.9	
170	6.6	6.6	6.7	6.3	6.4	6.6	6.3	6.4	6.6	
190	6.0	6.0	6.2	5.5	5.7	6.0	5.4	5.7	6.0	
210	4.5	5.3	5.7	4.2	4.9	5.2	3.9	4.9	5.2	
230	2.7	3.5	4.0	2.5	3.3	3.7	2.3	3.0	3.5	
250										
262										

	1	90+	90+	90+	90+	90+	90+	100+	100+	100+		
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+		
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+		
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+		
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+		
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+		
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+		
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0		

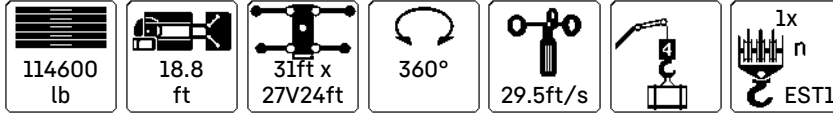
TNZK: T NZK-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
10	21.2												
12	21.2												
14	21.2												
16	21.2												
18	21.2												
20	21.2												
25	20.6				18.3			17.8			17.7		
30	19.2				18.3			17.8			17.7		
35	17.8	14.2			18.3			17.8			17.7		
40	16.4	13.3			18.2			17.8			17.7		
45	15.2	12.3			17.9			17.5			17.4		
50	13.9	11.5	9.5		17.4	12.9		17.1	12.8		17.0	12.8	
60	11.1	10.2	8.8		16.3	11.9		16.2	11.9		16.1	11.8	
70	9.1	9.2	8.3		15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
80	7.8	8.5	7.9		13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
90	6.7	8.0	7.8		12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
100	6.0	7.7			11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
110					10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
120					9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
130					8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
140					7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
150					7.3	7.8	7.6	7.8	7.9	7.5	7.7	7.9	7.5
170					6.5	7.6	7.6	6.8	7.6	7.5	6.8	7.6	7.5
190					5.8			4.9	5.5	5.5	5.5	6.0	6.1
210													
230													
246													

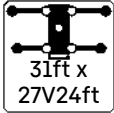
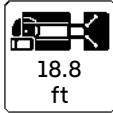
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
10													
12													
14													
16													
18													
20													
25													
30	17.3			17.1									
35	17.3			17.0			16.3			16.0			
40	17.1			16.9			16.2			15.9			
45	16.9			16.7			16.1			15.7			
50	16.6			16.4			15.9			15.6			
60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5		
70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7		
80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4	
90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2	
100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0	
110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8	
120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6	
130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5	
140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5	
150	8.1	7.9	7.5	8.0	7.9	7.5	8.4	7.9	7.4	8.3	7.9	7.4	
170	6.7	7.6	7.5	7.1	7.6	7.5	6.2	7.4	7.4	7.2	7.6	7.4	
190	4.1	4.9	5.2	4.9	5.7	6.0	3.7	4.6	5.1	4.7	5.6	6.1	
210		2.5		2.9	3.3			2.2	2.3	2.7	3.2	3.3	
230													
246													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
5%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	13.9			13.2				12.2					
45	13.8			13.1				12.1			12.3		
50	13.7			13.0				12.0			12.2		
60	13.3			12.6				11.7			11.9		
70	12.9	10.2		12.3	9.9			11.4	9.6		11.6	9.8	
80	12.3	9.8	8.2	11.7	9.5	8.1		11.0	9.3		11.3	9.4	
90	11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9	
100	11.1	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.4	8.7	7.7	
110	10.5	8.8	7.7	10.2	8.6	7.6	9.7	8.4	7.5	9.9	8.5	7.5	
120	10.0	8.5	7.5	9.7	8.3	7.5	9.3	8.1	7.4	9.6	8.3	7.4	
130	9.5	8.2	7.4	9.2	8.1	7.4	8.9	7.9	7.3	9.2	8.0	7.3	
140	9.0	8.0	7.4	8.7	7.9	7.3	8.4	7.8	7.3	8.8	7.9	7.3	
150	8.5	7.8	7.3	8.3	7.7	7.3	8.0	7.6	7.3	8.4	7.7	7.2	
170	6.2	7.2	7.3	7.2	7.5	7.3	7.3	7.4	7.3	6.2	7.2	7.2	
190	3.6	4.8	5.5	5.0	5.9	6.5	6.1	6.8	7.1	3.9	5.0	5.7	
210		2.4	2.9	2.9	3.7	4.1	4.1	4.9	5.2		2.8	3.3	
230							2.5	3.0	3.1				
246													

1%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



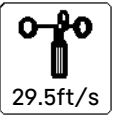
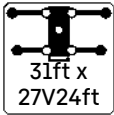
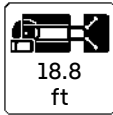
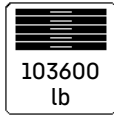
	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.4			10.2			10.7					
	50	11.3			10.1			10.6			9.6		
	60	11.1			10.0			10.4			9.5		
	70	10.9	9.4		9.9			10.2			9.4		
	80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5	
	90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3	
	100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3
	110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2
	120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1
	130	8.9	7.9	7.3	8.1	7.7	7.2	8.8	7.8	7.2	7.9	7.6	7.1
	140	8.6	7.7	7.2	7.7	7.5	7.1	8.5	7.6	7.2	7.6	7.4	7.1
	150	8.1	7.6	7.2	7.3	7.2	7.1	8.2	7.5	7.1	7.2	7.2	7.0
	170	7.3	7.3	7.2	6.4	6.6	6.7	6.3	7.2	7.1	6.4	6.5	6.7
	190	5.3	6.2	6.7	5.4	5.7	6.0	4.1	5.1	5.9	4.8	5.7	6.0
	210	3.3	4.1	4.6	3.9	4.6	5.0		3.1	3.7	3.0	3.9	4.4
	230			2.5		2.8	3.1						2.5
	246												
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8
	120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6
	130	9.3	8.4	7.6	9.3	8.4	7.6	9.6	8.4	7.6	9.4	8.4	7.5
	140	8.7	8.2	7.5	8.6	8.1	7.5	8.9	8.1	7.5	8.8	8.1	7.5
	150	7.9	7.9	7.5	8.0	7.9	7.5	7.6	7.9	7.4	8.2	7.9	7.4
	170	5.1	6.3	6.9	6.0	6.9	7.3	4.7	6.0	6.7	5.8	6.8	7.3
	190	2.7	3.5	3.8	3.6	4.3	4.6	2.2	3.2	3.7	3.3	4.2	4.7
	210												
	230												
	235												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



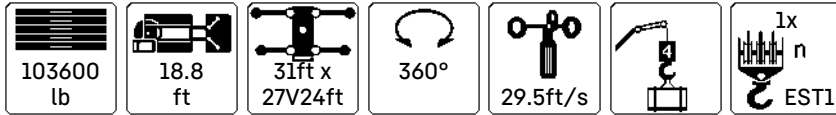
ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	186.6
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.6	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	8.8	8.1	7.4	8.9	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	7.5	7.9	7.4	8.3	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	4.6	5.9	6.7	5.8	6.8	7.2	7.1	7.4	7.3	
190	6.3	6.8	7.0		3.2	3.8	3.4	4.4	5.0	5.7	6.4	6.8	
210	4.6	5.0	5.1						2.5	3.8	4.4	4.7	
230	3.1									2.3	2.6	2.6	
235											2.2		
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



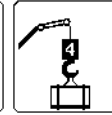
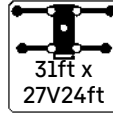
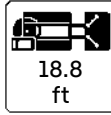
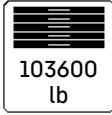
		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		13.9			13.2			12.2					
45		13.8			13.1			12.1			12.3		
50		13.7			13.0			12.0			12.2		
60		13.3			12.6			11.7			11.9		
70		12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8	
80		12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.3	9.4	
90		11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9
100		11.1	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.4	8.7	7.7
110		10.5	8.8	7.7	10.2	8.6	7.6	9.7	8.4	7.5	9.9	8.5	7.5
120		10.0	8.5	7.5	9.7	8.3	7.5	9.3	8.1	7.4	9.6	8.3	7.4
130		9.5	8.2	7.4	9.2	8.1	7.4	8.9	7.9	7.3	9.2	8.0	7.3
140		8.7	8.0	7.4	8.7	7.9	7.3	8.4	7.8	7.3	8.6	7.9	7.3
150		7.4	7.8	7.3	8.3	7.7	7.3	8.0	7.6	7.3	7.3	7.7	7.2
170		4.6	5.9	6.8	6.0	7.0	7.2	6.9	7.4	7.3	4.6	6.0	7.0
190			3.4	4.1	3.6	4.6	5.3	4.8	5.7	6.2	2.5	3.6	4.3
210						2.5	2.9	2.9	3.6	4.0			
230													
235													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TNZK: T NZK-66ft



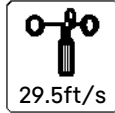
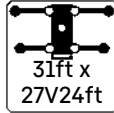
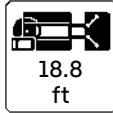
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6			9.6			
60	11.1			10.0			10.4			9.5			
70	10.9	9.4		9.9			10.2			9.4			
80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5		
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3		
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3	
110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2	
120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1	
130	8.9	7.9	7.3	8.1	7.7	7.2	8.8	7.8	7.2	7.9	7.6	7.1	
140	8.6	7.7	7.2	7.7	7.5	7.1	8.5	7.6	7.2	7.6	7.4	7.1	
150	8.1	7.6	7.2	7.3	7.2	7.1	7.4	7.5	7.1	7.2	7.2	7.0	
170	6.1	7.1	7.2	6.4	6.6	6.7	4.8	6.1	7.0	5.5	6.5	6.7	
190	3.9	4.9	5.6	4.5	5.4	5.9	2.7	3.8	4.6	3.5	4.5	5.3	
210		2.9	3.4	2.6	3.5	4.0			2.4		2.6	3.2	
230													
235													
%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TNPK: T NZK-66ft



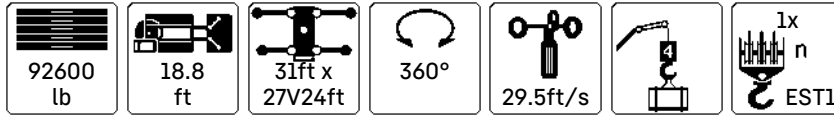
	ft	x1000lb												
		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1				
10														
12														
14														
16														
18														
20														
25														
30														
35														
40														
45														
50		9.2			8.5				8.2					
60		9.2			8.5				8.2					
70		9.2			8.5				8.2					
80		9.1	8.4		8.5	8.2			8.2	8.2				
90		8.9	8.2		8.5	8.0			8.2	8.0				
100		8.8	8.0	7.3	8.4	7.9	7.2		8.2	7.8	7.2			
110		8.5	7.8	7.2	8.2	7.7	7.1		8.1	7.7	7.1			
120		8.2	7.7	7.1	7.9	7.5	7.1		7.8	7.5	7.0			
130		7.9	7.5	7.1	7.6	7.4	7.0		7.6	7.4	7.0			
140		7.5	7.4	7.0	7.3	7.2	7.0		7.3	7.2	6.9			
150		7.0	7.1	7.0	6.8	7.0	6.9		6.5	7.0	6.9			
170		4.6	5.9	6.6	4.3	5.7	6.6	4.0	5.4	6.4	6.4			
190		2.6	3.7	4.5		3.4	4.2		3.2	4.0	4.0			
210				2.4										
230														
235														
 %	1	90+	90+	90+	90+	90+	90+	100+	100+	100+				
 %	2	90+	90+	90+	100+	100+	100+	100+	100+	100+				
 %	3	90+	90+	90+	100+	100+	100+	100+	100+	100+				
 %	4	100+	100+	100+	100+	100+	100+	100+	100+	100+				
 %	5	100+	100+	100+	100+	100+	100+	100+	100+	100+				
 %	6	100+	100+	100+	100+	100+	100+	100+	100+	100+				
 %	7	100+	100+	100+	100+	100+	100+	100+	100+	100+				
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0				

TNZK: T NZK-66ft



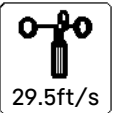
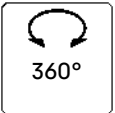
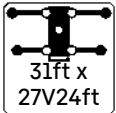
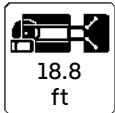
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	10	21.2											
	12	21.2											
	14	21.2											
	16	21.2											
	18	21.2											
	20	21.2											
	25	20.6			18.3			17.8			17.7		
	30	19.2			18.3			17.8			17.7		
	35	17.8	14.2		18.3			17.8			17.7		
	40	16.4	13.3		18.2			17.8			17.7		
	45	15.2	12.3		17.9			17.5			17.4		
	50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8	
	60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8	
	70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8
	80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5
	90	6.7	8.0	7.8	12.6	9.7	8.2	12.8	9.8	8.2	12.8	9.8	8.2
	100	6.0	7.7		11.5	9.3	8.0	11.9	9.4	8.0	11.8	9.3	8.0
	110				10.3	8.9	7.8	10.8	9.0	7.8	10.8	9.0	7.8
	120				9.3	8.5	7.7	9.8	8.6	7.7	9.8	8.6	7.7
	130				8.5	8.2	7.6	9.0	8.4	7.6	9.0	8.3	7.6
	140				7.9	8.0	7.6	8.3	8.1	7.5	8.3	8.1	7.5
	150				7.3	7.8	7.6	7.3	7.9	7.5	7.6	7.9	7.5
	170				6.0	6.7	6.9	4.5	5.4	6.0	5.0	5.9	6.4
	190				3.8			2.2	2.8	2.8	2.8	3.3	3.3
	210												
	226												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



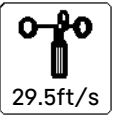
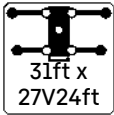
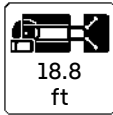
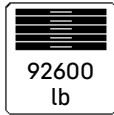
		x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	ft												
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0		16.3			16.0			
	40	17.1			16.9		16.2			15.9			
	45	16.9			16.7		16.1			15.7			
	50	16.6			16.4		15.9			15.6			
	60	15.9	11.8		15.7	11.7	15.3	11.6		15.0	11.5		
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9	14.2	10.7		
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	11.1	9.0	7.8	10.9	9.0	7.8	11.1	9.0	7.8	10.9	8.9	7.8
	120	10.2	8.7	7.7	10.1	8.7	7.7	10.3	8.7	7.7	10.1	8.6	7.6
	130	9.3	8.4	7.6	9.3	8.4	7.6	9.4	8.4	7.6	9.4	8.4	7.5
	140	8.1	8.2	7.5	8.6	8.1	7.5	7.7	8.1	7.5	8.5	8.1	7.5
	150	6.5	7.8	7.5	7.2	7.9	7.5	6.1	7.4	7.4	7.0	7.9	7.4
	170	3.6	4.8	5.5	4.5	5.6	6.2	3.2	4.5	5.4	4.3	5.5	6.2
	190			2.5		3.0	3.3			2.4		2.9	3.4
	210												
	226												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	11.6	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7	
110	9.8	8.5	7.6	10.9	8.9	7.8	10.6	8.8	7.7	9.8	8.5	7.6	
120	9.2	8.2	7.5	10.3	8.6	7.6	10.0	8.5	7.6	9.4	8.2	7.5	
130	8.6	8.0	7.4	9.3	8.4	7.5	9.4	8.3	7.5	8.8	8.0	7.4	
140	8.1	7.8	7.4	7.4	8.1	7.4	8.5	8.0	7.4	8.3	7.8	7.3	
150	7.7	7.6	7.4	5.8	7.3	7.4	7.0	7.9	7.4	7.9	7.7	7.3	
170	6.9	7.4	7.4	3.0	4.4	5.4	4.3	5.5	6.3	6.5	7.2	7.3	
190	5.2	5.8	6.1			2.5		3.0	3.6	4.4	5.2	5.6	
210	3.4	3.8	3.9							2.6	3.2	3.5	
226	2.3	2.5											
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
2%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
6%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
7%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

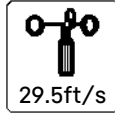
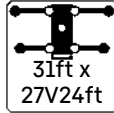
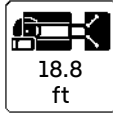
TNZK: T NZK-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4			10.2			10.7						
50	11.3			10.1			10.6			9.6			
60	11.1			10.0			10.4			9.5			
70	10.9	9.4		9.9			10.2			9.4			
80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5		
90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3		
100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3	
110	9.5	8.3	7.5	8.9	8.0	7.3	9.3	8.2	7.4	8.6	7.9	7.2	
120	9.2	8.1	7.4	8.5	7.8	7.3	9.0	8.0	7.3	8.3	7.7	7.1	
130	8.9	7.9	7.3	8.1	7.7	7.2	8.6	7.8	7.2	7.9	7.6	7.1	
140	8.3	7.7	7.2	7.7	7.5	7.1	7.2	7.6	7.2	7.5	7.4	7.1	
150	7.1	7.6	7.2	7.2	7.2	7.1	5.7	7.3	7.1	6.5	7.2	7.0	
170	4.6	5.8	6.7	5.1	6.3	6.7	3.3	4.6	5.6	4.1	5.3	6.2	
190	2.6	3.5	4.3	3.1	4.1	4.8		2.4	3.2		3.2	3.9	
210					2.3	2.8							
226													

1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	17.3			17.1								
	35	17.3			17.0			16.3			16.0		
	40	17.1			16.9			16.2			15.9		
	45	16.9			16.7			16.1			15.7		
	50	16.6			16.4			15.9			15.6		
	60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
	70	14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
	80	13.8	10.3	8.5	13.7	10.3	8.5	13.6	10.3	8.4	13.3	10.1	8.4
	90	12.9	9.8	8.2	12.8	9.8	8.2	12.7	9.8	8.2	12.5	9.7	8.2
	100	11.9	9.4	8.0	11.8	9.3	8.0	11.9	9.4	8.0	11.7	9.3	8.0
	110	10.4	9.0	7.8	10.8	9.0	7.8	9.6	9.0	7.8	10.6	8.9	7.8
	120	8.1	8.7	7.7	8.8	8.7	7.7	7.4	8.7	7.7	8.6	8.6	7.6
	130	6.1	7.9	7.6	7.0	8.4	7.6	5.4	7.5	7.6	6.6	8.2	7.5
	140	4.4	6.2	7.2	5.4	6.9	7.5	3.8	5.6	7.0	5.0	6.7	7.4
	150	2.9	4.5	5.7	3.9	5.4	6.3		4.0	5.3	3.5	5.1	6.2
	170			2.4		2.5	3.2					2.2	3.2
	190												
	210												
	212												

	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	13.4			15.3			14.7					
	40	13.4			15.2			14.6			12.9		
	45	13.3			15.0			14.5			12.8		
	50	13.1			14.9			14.4			12.6		
	60	12.7	10.3		14.5	11.3		14.0	11.0		12.4		
	70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8	
	80	11.5	9.4	8.1	13.1	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0
	90	10.9	9.1	7.9	12.3	9.6	8.1	11.9	9.5	8.1	10.8	9.0	7.9
	100	10.4	8.7	7.7	11.3	9.2	7.9	11.3	9.1	7.9	10.3	8.7	7.7
	110	9.8	8.5	7.6	9.2	8.9	7.8	10.2	8.8	7.7	9.8	8.5	7.6
	120	9.2	8.2	7.5	7.0	8.6	7.6	8.3	8.5	7.6	9.4	8.2	7.5
	130	8.6	8.0	7.4	5.1	7.2	7.5	6.5	8.2	7.5	8.7	8.0	7.4
	140	7.9	7.8	7.4	3.4	5.4	6.8	4.8	6.6	7.4	7.3	7.8	7.3
	150	6.6	7.5	7.4		3.7	5.1	3.4	5.0	6.2	5.9	7.0	7.3
	170	4.5	5.3	5.8						3.2	3.7	4.7	5.3
	190	2.5	3.2	3.6								2.6	3.1
	210												
	212												

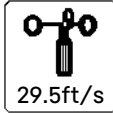
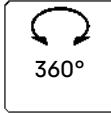
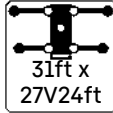
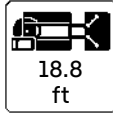
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TNZK: T NZK-66ft



	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	13.9			13.2			12.2					
	45	13.8			13.1			12.1			12.3		
	50	13.7			13.0			12.0			12.2		
	60	13.3			12.6			11.7			11.9		
	70	12.9	10.2		12.3	9.9		11.4	9.6		11.6	9.8	
	80	12.3	9.8	8.2	11.7	9.5	8.1	11.0	9.3		11.3	9.4	
	90	11.7	9.4	8.0	11.2	9.2	7.9	10.5	8.9	7.8	10.8	9.1	7.9
	100	10.8	9.1	7.8	10.6	8.9	7.7	10.1	8.6	7.6	10.3	8.7	7.7
	110	8.9	8.8	7.7	9.9	8.6	7.6	9.7	8.4	7.5	8.7	8.5	7.5
	120	6.8	8.5	7.5	8.2	8.3	7.5	9.3	8.1	7.4	6.7	8.1	7.4
	130	5.0	7.0	7.4	6.4	8.0	7.4	7.7	7.9	7.3	5.0	7.0	7.3
	140	3.3	5.3	6.7	4.9	6.6	7.3	6.2	7.5	7.3	3.5	5.3	6.8
	150		3.7	5.1	3.5	5.1	6.3	4.8	6.2	7.1		3.9	5.2
	170					2.4	3.4	2.5	3.8	4.6			2.3
	190									2.3			
	210												
	212												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.4			10.2			10.7					
	50	11.3			10.1			10.6			9.6		
	60	11.1			10.0			10.4			9.5		
	70	10.9	9.4		9.9			10.2			9.4		
	80	10.6	9.1		9.7	8.7		10.0	8.9		9.2	8.5	
	90	10.2	8.8	7.7	9.5	8.5	7.6	9.8	8.6	7.6	9.1	8.3	
	100	9.9	8.5	7.6	9.3	8.2	7.4	9.6	8.4	7.5	8.9	8.1	7.3
	110	9.4	8.3	7.5	8.9	8.0	7.3	8.5	8.2	7.4	8.5	7.9	7.2
	120	8.2	8.1	7.4	8.4	7.8	7.3	6.7	8.0	7.3	7.5	7.7	7.1
	130	6.5	7.7	7.3	7.0	7.7	7.2	5.1	6.9	7.2	5.8	7.3	7.1
	140	5.0	6.6	7.2	5.5	7.1	7.1	3.7	5.4	6.7	4.4	6.1	6.9
	150	3.7	5.2	6.4	4.2	5.7	6.8		4.0	5.3	3.2	4.7	5.9
	170		2.7	3.7		3.3	4.2			2.6		2.3	3.3
	190												
	210												
	212												
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



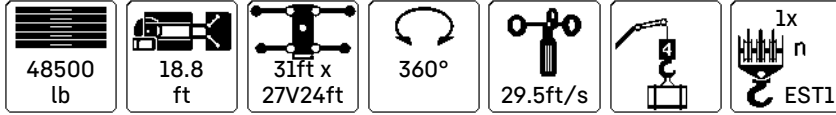
ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
10	21.2												
12	21.2												
14	21.2												
16	21.2												
18	21.2												
20	21.2												
25	20.6			18.3			17.8			17.7			
30	19.2			18.3			17.8			17.7			
35	17.8	14.2		18.3			17.8			17.7			
40	16.4	13.3		18.2			17.8			17.7			
45	15.2	12.3		17.9			17.5			17.4			
50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8		
60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8		
70	9.1	9.2	8.3	15.0	11.0	8.8	15.1	11.1	8.8	15.0	11.0	8.8	
80	7.8	8.5	7.9	13.8	10.3	8.5	13.9	10.3	8.5	13.9	10.3	8.5	
90	6.7	8.0	7.8	12.6	9.7	8.2	11.6	9.8	8.2	12.3	9.8	8.2	
100	6.0	7.7		10.5	9.3	8.0	8.8	9.4	8.0	9.4	9.3	8.0	
110				8.2	8.9	7.8	6.4	8.6	7.8	7.1	8.9	7.8	
120				6.4	7.9	7.7	4.5	6.6	7.6	5.1	7.2	7.7	
130				4.7	6.2	7.2	2.6	4.7	6.2	3.4	5.3	6.6	
140				3.2	4.6	5.5		3.0	4.3		3.6	4.8	
150					3.1	3.9			2.5			3.1	
170													
185													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
10													
12													
14													
16													
18													
20													
25													
30		17.3			17.1								
35		17.3			17.0			16.3			16.0		
40		17.1			16.9			16.2			15.9		
45		16.9			16.7			16.1			15.7		
50		16.6			16.4			15.9			15.6		
60		15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5	
70		14.9	11.0	8.8	14.7	10.9	8.8	14.5	10.9		14.2	10.7	
80		13.8	10.3	8.5	13.7	10.3	8.5	12.8	10.3	8.4	13.1	10.1	8.4
90		10.3	9.8	8.2	11.3	9.8	8.2	9.5	9.8	8.2	10.8	9.7	8.2
100		7.5	9.4	8.0	8.5	9.3	8.0	6.8	9.2	8.0	8.0	9.3	8.0
110		5.2	7.8	7.8	6.2	8.5	7.8	4.5	7.2	7.8	5.8	8.2	7.8
120		3.1	5.6	7.3	4.3	6.5	7.6	2.2	5.0	7.0	3.9	6.1	7.5
130			3.7	5.4	2.4	4.6	6.1		3.0	4.9		4.3	5.9
140				3.5		2.8	4.3			2.9		2.5	4.0
150							2.5						2.3
170													
185													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

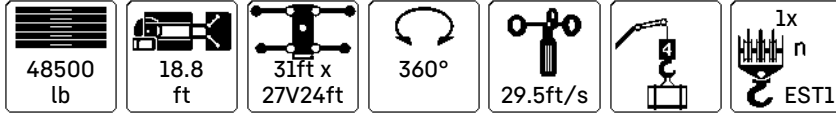
TNZK: T NZK-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	13.4			15.3			14.7						
40	13.4			15.2			14.6			12.9			
45	13.3			15.0			14.5			12.8			
50	13.1			14.9			14.4			12.6			
60	12.7	10.3		14.5	11.3		14.0	11.0		12.4			
70	12.1	9.8		13.8	10.6		13.4	10.4		11.9	9.8		
80	11.5	9.4	8.1	12.2	10.1	8.3	12.6	9.9	8.3	11.3	9.4	8.0	
90	10.9	9.1	7.9	9.0	9.6	8.1	10.4	9.5	8.1	10.8	9.0	7.9	
100	10.4	8.7	7.7	6.4	9.2	7.9	7.8	9.1	7.9	10.1	8.7	7.7	
110	9.3	8.5	7.6	4.1	6.9	7.8	5.6	8.1	7.7	8.3	8.5	7.6	
120	7.5	8.2	7.5		4.8	6.7	3.7	6.0	7.5	6.5	7.9	7.5	
130	5.9	7.2	7.4		2.7	4.7		4.2	5.8	4.9	6.5	7.3	
140	4.6	5.8	6.7			2.7		2.4	4.0	3.6	5.1	6.2	
150	3.3	4.6	5.4						2.3		3.7	4.8	
170		2.2	3.0										
185													

1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

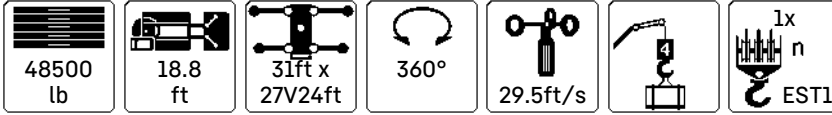
TNZK: T NZK-66ft



ft	x1000lb											
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	13.9			13.2				12.2				
45	13.8			13.1				12.1		12.3		
50	13.7			13.0				12.0		12.2		
60	13.3			12.6				11.7		11.9		
70	12.9	10.2		12.3	9.9			11.4	9.6	11.6	9.8	
80	11.7	9.8	8.2	11.7	9.5	8.1		11.0	9.3	11.0	9.4	
90	8.8	9.4	8.0	10.1	9.2	7.9		10.5	8.9	7.8	8.5	7.9
100	6.3	8.9	7.8	7.7	8.9	7.7		9.0	8.6	7.6	6.1	7.7
110	4.1	6.8	7.7	5.7	7.8	7.6		7.0	8.4	7.5	4.1	6.6
120		4.7	6.7	3.8	6.0	7.3		5.2	7.1	7.4		4.7
130		2.8	4.7		4.3	5.9		3.7	5.5	6.8		2.9
140			2.8		2.6	4.2			4.0	5.3		
150						2.6			2.5	3.9		
170												
185												

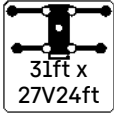
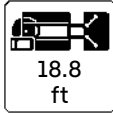
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.4				10.2			10.7					
50	11.3				10.1			10.6			9.6		
60	11.1				10.0			10.4			9.5		
70	10.9	9.4			9.9			10.2			9.4		
80	10.6	9.1			9.7	8.7		10.0	8.9		9.2	8.5	
90	9.8	8.8	7.7		9.5	8.5	7.6	8.4	8.6	7.6	8.8	8.3	
100	7.6	8.5	7.6		8.0	8.2	7.4	6.1	8.4	7.5	6.8	8.1	7.3
110	5.7	7.9	7.5		6.2	8.0	7.3	4.3	6.6	7.4	5.0	7.1	7.2
120	4.0	6.0	7.3		4.5	6.4	7.3	2.3	4.8	6.6	3.3	5.4	7.0
130	2.2	4.4	5.9		3.1	4.9	6.3		3.1	4.8		3.9	5.4
140		2.8	4.3			3.5	4.8			3.2		2.3	3.9
150			2.8				3.4						2.4
170													
185													
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



ft	x1000lb											
	237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1			
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50	9.2			8.5				8.2				
60	9.2			8.5				8.2				
70	9.2			8.5				8.2				
80	9.1	8.4		8.5	8.2			8.2	8.2			
90	8.0	8.2		7.5	8.0			7.2	8.0			
100	5.8	7.9	7.3	5.4	7.8	7.2		5.1	7.6	7.2		
110	4.0	6.3	7.2	3.5	5.9	7.1		3.1	5.7	7.1		
120		4.6	6.3		4.2	6.0			4.0	5.8		
130		2.9	4.6		2.5	4.3				4.1		
140			3.1			2.7				2.4		
150												
170												
185												
1%	1	90+	90+	90+	90+	90+	90+	100+	100+	100+		
1%	2	90+	90+	90+	100+	100+	100+	100+	100+	100+		
1%	3	90+	90+	90+	100+	100+	100+	100+	100+	100+		
1%	4	100+	100+	100+	100+	100+	100+	100+	100+	100+		
1%	5	100+	100+	100+	100+	100+	100+	100+	100+	100+		
1%	6	100+	100+	100+	100+	100+	100+	100+	100+	100+		
1%	7	100+	100+	100+	100+	100+	100+	100+	100+	100+		
0°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0		

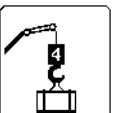
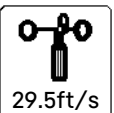
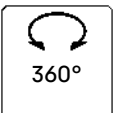
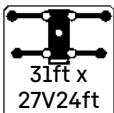
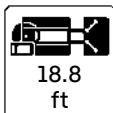
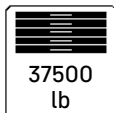
TNZK: T NZK-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
10	21.2												
12	21.2												
14	21.2												
16	21.2												
18	21.2												
20	21.2												
25	20.6			18.3			17.8			17.7			
30	19.2			18.3			17.8			17.7			
35	17.8	14.2		18.3			17.8			17.7			
40	16.4	13.3		18.2			17.8			17.7			
45	15.2	12.3		17.9			17.5			17.4			
50	13.9	11.5	9.5	17.4	12.9		17.1	12.8		17.0	12.8		
60	11.1	10.2	8.8	16.3	11.9		16.2	11.9		16.1	11.8		
70	9.1	9.2	8.3	15.0	11.0	8.8	14.8	11.1	8.8	14.9	11.0	8.8	
80	7.8	8.5	7.9	13.4	10.3	8.5	11.6	10.3	8.5	12.3	10.3	8.5	
90	6.7	8.0	7.8	10.5	9.7	8.2	8.4	9.8	8.2	9.1	9.8	8.2	
100	6.0	7.7		7.9	9.3	8.0	5.9	8.7	8.0	6.5	9.2	8.0	
110				5.8	7.8	7.8	3.7	6.2	7.8	4.4	6.8	7.8	
120				4.0	5.9	7.2		4.2	6.0	2.2	4.8	6.5	
130					4.1	5.4			3.9		2.9	4.5	
140					2.3	3.6						2.5	
150													
170													
176													

%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



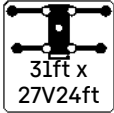
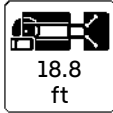
ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
10													
12													
14													
16													
18													
20													
25													
30	17.3			17.1									
35	17.3			17.0			16.3			16.0			
40	17.1			16.9			16.2			15.9			
45	16.9			16.7			16.1			15.7			
50	16.6			16.4			15.9			15.6			
60	15.9	11.8		15.7	11.7		15.3	11.6		15.0	11.5		
70	14.2	11.0	8.8	14.6	10.9	8.8	13.2	10.9		14.1	10.7		
80	10.2	10.3	8.5	11.2	10.3	8.5	9.5	10.3	8.4	10.7	10.1	8.4	
90	7.2	9.8	8.2	8.2	9.8	8.2	6.4	9.6	8.2	7.7	9.7	8.2	
100	4.7	7.7	8.0	5.7	8.5	8.0	3.8	7.0	8.0	5.2	8.1	8.0	
110		5.3	7.3	3.5	6.1	7.8		4.6	6.9	2.9	5.7	7.7	
120		3.1	5.1		4.1	5.9		2.4	4.7		3.7	5.6	
130			3.1			3.9			2.4			3.7	3.7
140													
150													
170													
176													
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	13.4			15.3			14.7					
	40	13.4			15.2			14.6			12.9		
	45	13.3			15.0			14.5			12.8		
	50	13.1			14.9			14.4			12.6		
	60	12.7	10.3		14.5	11.3		14.0	11.0		12.4		
	70	12.1	9.8		12.6	10.6		13.3	10.4		11.9	9.8	
	80	11.5	9.4	8.1	9.0	10.1	8.3	10.3	9.9	8.3	11.3	9.4	8.0
	90	10.8	9.1	7.9	6.0	9.3	8.1	7.4	9.5	8.1	10.0	9.0	7.9
	100	9.0	8.7	7.7	3.4	6.7	7.9	5.0	7.9	7.9	7.8	8.7	7.7
	110	7.0	8.5	7.6		4.3	6.7	2.8	5.6	7.6	5.9	7.9	7.6
	120	5.3	7.0	7.5			4.4		3.6	5.6	4.2	6.1	7.3
	130	3.8	5.4	6.5			2.2			3.6	2.5	4.5	5.9
	140	2.3	3.9	5.1								3.0	4.3
	150		2.5	3.7									2.9
	170												
	176												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

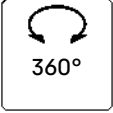
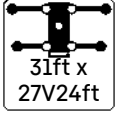
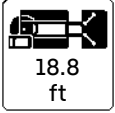
TNZK: T NZK-66ft



	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	13.9			13.2				12.2				
	45	13.8			13.1				12.1		12.3		
	50	13.7			13.0				12.0		12.2		
	60	13.3			12.6				11.7		11.9		
	70	12.0	10.2		12.3	9.9			11.4	9.6	11.2	9.8	
	80	8.6	9.8	8.2	10.0	9.5	8.1	10.9	9.3		8.3	9.4	
	90	5.9	9.0	8.0	7.4	9.2	7.9	8.7	8.9	7.8	5.8	8.6	7.9
	100	3.2	6.5	7.8	5.1	7.7	7.7	6.5	8.6	7.6		6.4	7.7
	110		4.3	6.6	2.8	5.6	7.4	4.6	6.7	7.5		4.3	6.4
	120			4.4		3.8	5.6	2.7	5.0	6.6			4.5
	130			2.3			3.8		3.4	4.9			2.4
	140									3.4			
	150												
	170												
	176												

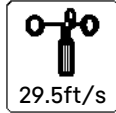
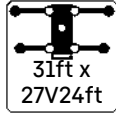
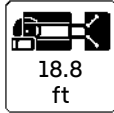
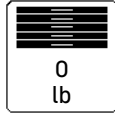
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft

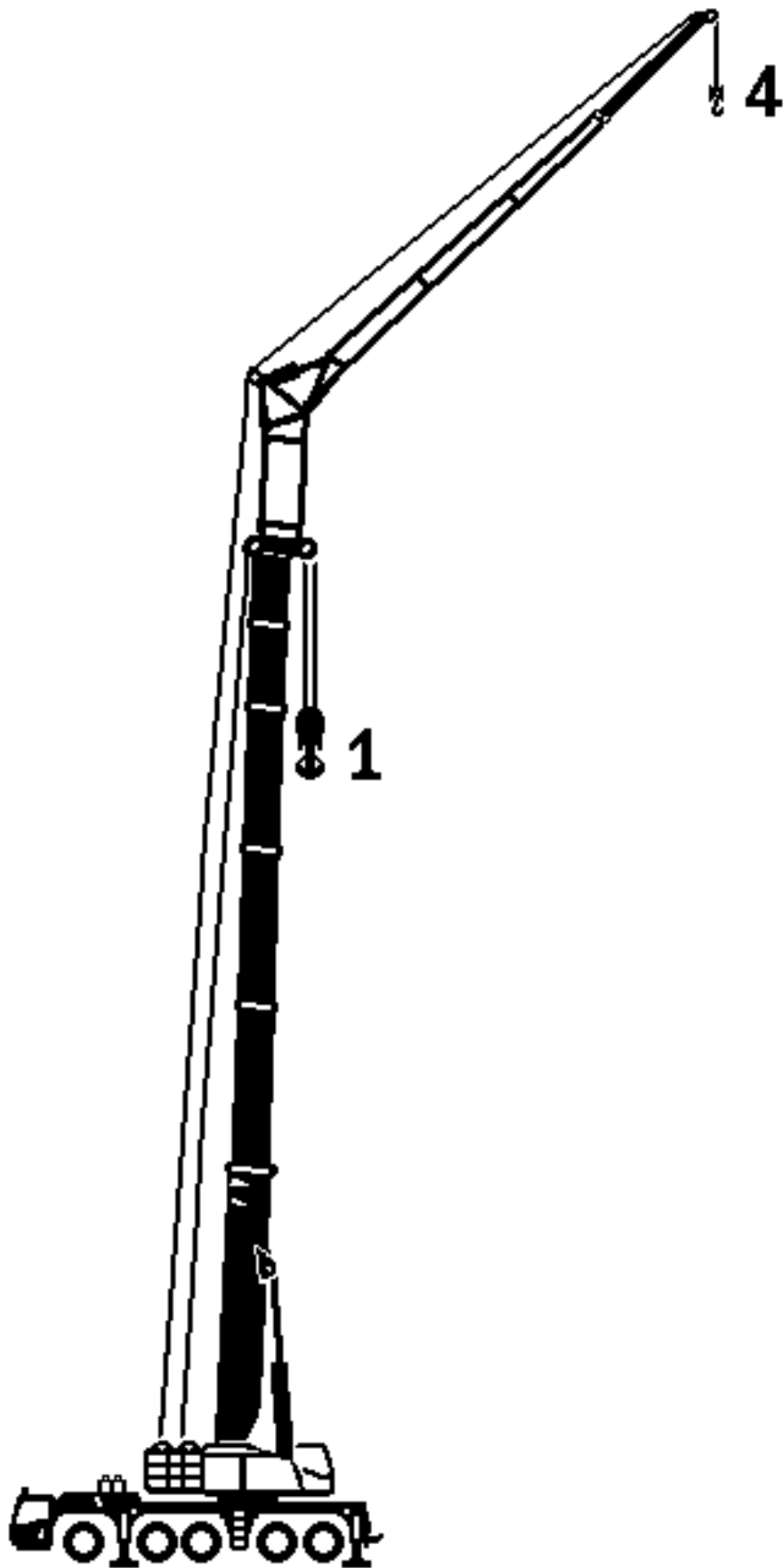


		x1000lb									
		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1	
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	9.2			8.5			8.2			
	60	9.2			8.5			8.2			
	70	9.2			8.5			8.2			
	80	7.8	8.4		7.3	8.2		6.9	8.2		
	90	5.4	8.0		5.0	7.8		4.6	7.5		
	100	3.2	6.0	7.3	2.6	5.6	7.2	2.3	5.3	7.2	
	110		4.1	6.1		3.8	5.8		3.4	5.5	
	120			4.3			4.0			3.8	
	130			2.6							
	140										
	150										
	170										
	176										
	%	1	90+	90+	90+	90+	90+	90+	100+	100+	100+
		2	90+	90+	90+	100+	100+	100+	100+	100+	100+
		3	90+	90+	90+	100+	100+	100+	100+	100+	100+
		4	100+	100+	100+	100+	100+	100+	100+	100+	100+
		5	100+	100+	100+	100+	100+	100+	100+	100+	100+
		6	100+	100+	100+	100+	100+	100+	100+	100+	100+
		7	100+	100+	100+	100+	100+	100+	100+	100+	100+
	°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TNZK: T NZK-66ft



		x1000lb											
	ft												
	10	21.2											
	11	21.2											
	12	21.2											
	13	21.2											
	14	21.2											
	15	21.2											
	16	21.2											
	17	21.2											
	18	21.2											
	19	21.2											
	20	21.2											
	22	21.1											
	24	20.8											
	26	20.4											
	28	19.8											
	30	19.2											
	32	18.6	14.7										
	34	18.1	14.4										
	36	17.5	14.0										
	38	16.9	13.6										
	40	16.4	13.3										
	45	15.2	12.3										
	50	13.9	11.5	9.5									
	55	12.4	10.8	9.2									
	60	11.1	10.2	8.8									
	65	9.9	9.6	8.5									
	70	9.1	9.2	8.3									
	75	8.4	8.8	8.1									
	80	7.8	8.5	7.9									
	85	7.2	8.3	7.8									
	90	6.7	7.5	7.8									
	95	5.9	6.5	6.8									
	100	5.2	5.5										
	102	4.9											
	1	0+	0+	0+									
	2	0+	0+	0+									
	3	0+	0+	0+									
	4	0+	0+	0+									
	5	0+	0+	0+									
	6	0+	0+	0+									
	7	0+	0+	0+									
	°	0.0	20.0	40.0									












TVK

TVK: TV-23ft K-38ft	342
TVK: TV-23ft K-66ft	391
TVK: TV-46ft K-38ft	440
TVK: TV-46ft K-66ft	489
TVK: TV-69ft K-38ft	538
TVK: TV-69ft K-66ft	589

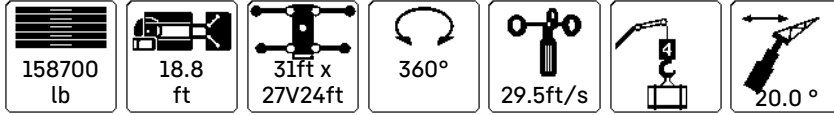
TVK: TV-23ft K-38ft












		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
	50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2
	60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6
	70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5
	80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4
	90	13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.4	19.2	13.3
	100		21.1	21.7	21.5	21.5	21.2	20.7	20.1	12.2	19.4	17.9	12.2
	110		19.3	19.9	19.7	20.0	19.6	19.5	18.9	11.2	18.4	16.6	11.2
	120		17.8	18.3	18.2	18.5	18.2	18.3	17.2	10.3	17.2	15.2	10.3
	130		16.4	17.0	16.9	17.2	17.0	17.1	15.5	9.5	15.7	13.9	9.6
	140		15.2	15.8	15.7	16.1	15.7	16.0	14.0	8.9	14.3	12.6	9.0
	150		14.2	14.7	14.7	15.0	14.4	14.8	12.7	8.3	13.0	11.3	8.4
	170		12.5	12.2	12.7	11.3	11.8	10.8	10.4	7.3	10.6	9.4	7.5
	190			9.2	9.6	8.4	9.1	7.9	8.7	6.5	7.8	8.0	6.7
	210					4.7	5.4	5.4	6.5	5.7	5.2	6.5	6.0
	230										3.3	4.5	5.4
	250												
	260												

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVK: TV-23ft K-38ft

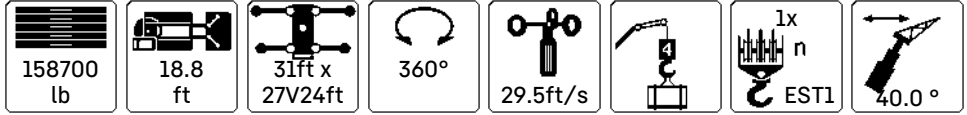


	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
18													
20													
25													
30		36.8											
35		33.3											
40		30.2	31.7										
45		27.3	30.3	29.4	29.1	27.9							
50		24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2				
60		20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5
70		17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6
80		15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6
90		13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5
100			18.5	18.7	18.6	18.7	18.5	18.4	18.0	11.7	17.8	17.1	11.7
110			17.1	17.4	17.3	17.5	17.3	17.3	16.9	10.8	16.8	16.0	10.8
120			15.9	16.3	16.2	16.4	16.2	16.3	16.0	10.0	15.9	14.9	10.1
130			14.9	15.3	15.2	15.5	15.3	15.4	15.1	9.4	15.0	13.8	9.4
140			14.0	14.4	14.3	14.6	14.4	14.6	14.0	8.7	14.1	12.7	8.9
150			13.3	13.6	13.6	13.8	13.7	13.9	12.8	8.2	13.1	11.6	8.3
170			12.1	12.4	12.4	11.9	12.0	11.5	10.6	7.3	10.9	9.6	7.4
190				9.4	9.8	8.7	9.4	8.3	8.9	6.5	8.2	8.1	6.7
210								5.7	6.8	5.8	5.6	6.8	6.0
230											3.5	4.7	5.4
250													
260													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	ESTL	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVK: TV-23ft K-38ft

ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
18													
20													
25													
30													
35													
40													
45													
50													
60	18.5	17.1	14.8	15.9	14.1	11.3							
70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3		
80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1		
90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8		
100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4		
110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1		
120	14.3	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8		
130	13.4	11.0	9.4	10.9	9.3	7.9	9.2	7.7	7.7	7.5	7.4		
140	12.4	10.4	8.9	10.2	8.8	7.5	8.8	7.4	7.3	7.1	7.1		
150	11.5	9.7	8.4	9.7	8.4	7.0	8.3	7.0	6.9	6.8	6.7		
170	9.8	8.8	7.5	8.8	7.6	6.2	7.5	6.2	6.3	6.1	6.1		
190	8.4	7.6	6.8	7.8	6.9	5.2	6.9	5.3	5.7	5.3	5.3		
210	6.0	6.5	5.9	6.3	6.1	4.2	6.3	4.4	5.2	4.5	4.2		
230	3.8	5.1	4.8	4.1	5.2	3.2	4.5	3.5	4.6	3.6	3.1		
250				2.2	3.6	2.2	2.7	2.6	2.8	2.6			
260													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

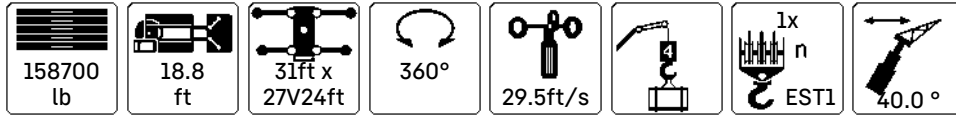
TVK: TV-23ft K-38ft



		x1000lb											
ft	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
18													
20													
25													
30													
35													
40		22.2											
45		21.1											
50		20.1	21.9	21.9	21.9								
60		18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
70		16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
80		14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
90		13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2
100			16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3
110			15.9	16.2	16.1	16.2	16.0	16.0	15.7	10.6	15.6	15.2	10.6
120			15.0	15.3	15.2	15.3	15.2	15.2	15.0	10.0	14.9	14.4	10.0
130			14.3	14.5	14.5	14.6	14.5	14.5	14.3	9.4	14.3	13.7	9.4
140			13.6	13.9	13.8	14.0	13.9	13.9	13.7	8.8	13.8	12.8	8.9
150			13.1	13.3	13.3	13.4	13.3	13.4	12.8	8.2	13.1	11.8	8.4
170			11.9	12.5	12.5	12.2	12.1	11.9	10.7	7.3	11.1	9.7	7.5
190						8.8	9.5	8.5	9.0	6.6	8.5	8.2	6.8
210								5.7	6.8	5.9	5.8	6.9	6.1
230													
250													
260													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+


TVK: TV-23ft K-38ft











	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
18												
20												
25												
30												
35												
40												
45												
50												
60												
70		17.0	15.8	13.3	14.6	12.8						
80		16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1
90		15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8
100		15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5
110		14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2
120		13.9	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8
130		13.2	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5
140		12.4	10.3	8.8	10.2	8.8	7.5	8.7	7.4	7.4	7.2	7.2
150		11.6	9.7	8.4	9.7	8.4	7.1	8.3	7.1	7.0	6.9	6.8
170		10.0	8.8	7.6	8.8	7.6	6.4	7.6	6.3	6.4	6.2	6.2
190		8.6	7.7	6.9	7.9	6.9	5.3	7.0	5.5	5.8	5.4	5.4
210		6.2	6.6	5.9	6.6	6.2	4.3	6.3	4.5	5.2	4.6	4.4
230		3.8	5.1	4.9	4.2	5.3	3.3	4.7	3.6	4.7	3.7	3.2
250						3.6	2.2	2.7	2.6	2.9	2.8	
260												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+

TVK: TV-23ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
	50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2
	60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6
	70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5
	80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4
	90	13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.4	19.2	13.3
	100		21.1	21.7	21.5	21.5	21.2	20.7	20.1	12.2	19.4	17.9	12.2
	110		19.3	19.9	19.7	20.0	19.6	19.5	18.9	11.2	18.4	16.6	11.2
	120		17.8	18.3	18.2	18.5	18.2	18.3	17.2	10.3	17.2	15.2	10.3
	130		16.4	17.0	16.9	17.0	17.0	16.6	15.5	9.5	15.7	13.9	9.6
	140		15.2	15.3	15.6	14.4	15.2	13.9	14.0	8.9	13.6	12.6	9.0
	150		14.2	12.9	13.4	12.0	12.8	11.4	12.4	8.3	11.2	11.3	8.4
	170		10.6	9.2	9.6	8.5	9.1	8.0	8.9	7.3	7.9	8.9	7.5
	190			6.6	7.1	5.7	6.5	5.2	6.3	6.5	5.1	6.3	6.7
	210					3.5	4.4	3.0	4.1	5.7	2.8	4.1	6.0
	230											2.3	4.8
	250												
	251												

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVK: TV-23ft K-38ft



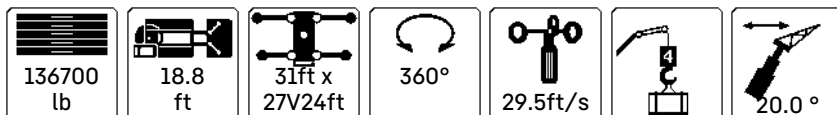
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	20.3	18.5										
45	20.1	18.3	16.1	16.7	14.8	12.0						
50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100	16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
110	15.7	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
120	14.6	12.2	10.2	12.0	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
130	13.6	11.4	9.6	11.2	9.5	7.9	9.4	7.8	7.7	7.5	7.4	
140	12.5	10.6	9.0	10.6	9.0	7.5	8.9	7.4	7.3	7.2	7.1	
150	11.3	10.0	8.5	10.0	8.5	7.0	8.5	6.9	7.0	6.8	6.8	
170	8.1	8.8	7.6	8.3	7.7	6.0	7.7	6.1	6.3	6.0	6.0	
190	5.5	6.8	6.7	5.7	6.9	5.0	6.0	5.2	5.6	5.2	5.0	
210	3.1	4.5	5.7	3.4	4.9	4.0	3.8	4.3	3.8	3.5	3.3	
230		2.6	3.9		3.0	3.0		2.8				
250			2.4									
251			2.3									
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



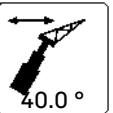
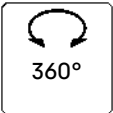
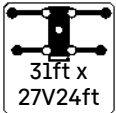
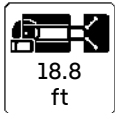
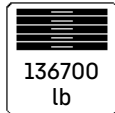
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25		40.4											
30		36.8											
35		33.3											
40		30.2	31.7										
45		27.3	30.3	29.4	29.1	27.9							
50		24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2				
60		20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5
70		17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6
80		15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6
90		13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5
100			18.5	18.7	18.6	18.7	18.5	18.4	18.0	11.7	17.8	17.1	11.7
110			17.1	17.4	17.3	17.5	17.3	17.3	16.9	10.8	16.8	16.0	10.8
120			15.9	16.3	16.2	16.4	16.2	16.3	16.0	10.0	15.9	14.9	10.1
130			14.9	15.3	15.2	15.5	15.3	15.4	15.1	9.4	15.0	13.8	9.4
140			14.0	14.4	14.3	14.6	14.4	14.6	14.0	8.7	14.1	12.7	8.9
150			13.3	13.4	13.6	12.8	13.5	12.4	12.8	8.2	12.2	11.6	8.3
170			11.0	9.6	10.1	9.0	9.6	8.6	9.4	7.3	8.5	9.4	7.4
190				6.8	7.4	6.1	6.9	5.7	6.8	6.5	5.7	6.9	6.7
210								3.3	4.4	5.8	3.2	4.4	6.0
230												2.5	5.0
250													
251													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x










TVK: TV-23ft K-38ft



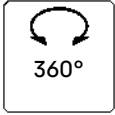
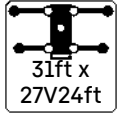
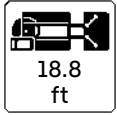
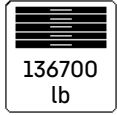
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	18.5	17.1	14.8	15.9	14.1	11.3						
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3	
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1	
	90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8	
	100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4	
	110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1	
	120	14.3	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8	
	130	13.4	11.0	9.4	10.9	9.3	7.9	9.2	7.7	7.7	7.5	7.4	
	140	12.4	10.4	8.9	10.2	8.8	7.5	8.8	7.4	7.3	7.1	7.1	
	150	11.5	9.7	8.4	9.7	8.4	7.0	8.3	7.0	6.9	6.8	6.7	
	170	8.8	8.8	7.5	8.7	7.6	6.2	7.5	6.2	6.3	6.1	6.1	
	190	6.1	7.2	6.8	6.4	6.9	5.2	6.6	5.3	5.7	5.3	5.3	
	210	3.6	4.9	5.9	3.9	5.3	4.2	4.4	4.4	4.3	4.0	3.8	
	230		2.9	4.1		3.3	3.2	2.3	3.2	2.5	2.3		
	250						2.2						
	251												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVK: TV-23ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	23.6											
	40	22.2											
	45	21.1											
	50	20.1	21.9	21.9	21.9								
	60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
	70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
	80	14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
	90	13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2
	100		16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3
	110		15.9	16.2	16.1	16.2	16.0	16.0	15.7	10.6	15.6	15.2	10.6
	120		15.0	15.3	15.2	15.3	15.2	15.2	15.0	10.0	14.9	14.4	10.0
	130		14.3	14.5	14.5	14.6	14.5	14.5	14.3	9.4	14.3	13.7	9.4
	140		13.6	13.9	13.8	14.0	13.9	13.9	13.7	8.8	13.8	12.8	8.9
	150		13.1	13.3	13.3	13.3	13.3	12.9	12.8	8.2	12.8	11.8	8.4
	170		11.1	9.8	10.2	9.2	9.8	8.9	9.7	7.3	8.8	9.6	7.5
	190					6.2	7.0	6.0	7.0	6.6	6.0	7.1	6.8
	210							3.3	4.4	5.9	3.4	4.6	6.1
	230												
	250												
	251												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



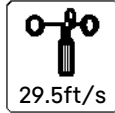
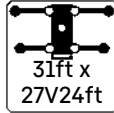
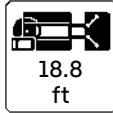
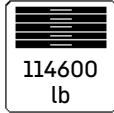
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	17.0	15.8	13.3	14.6	12.8							
	80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
	90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
	100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
	110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
	120	13.9	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
	130	13.2	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
	140	12.4	10.3	8.8	10.2	8.8	7.5	8.7	7.4	7.4	7.2	7.2	
	150	11.6	9.7	8.4	9.7	8.4	7.1	8.3	7.1	7.0	6.9	6.8	
	170	9.2	8.8	7.6	8.8	7.6	6.4	7.6	6.3	6.4	6.2	6.2	
	190	6.4	7.5	6.9	6.7	6.9	5.3	6.8	5.5	5.8	5.4	5.4	
	210	3.8	5.1	5.9	4.2	5.6	4.3	4.6	4.5	4.7	4.4	4.1	
	230		2.9	4.2		3.4	3.3	2.5	3.4	2.7	2.5	2.3	
	250						2.2						
	251												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	










TVK: TV-23ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10	46.1												
12	46.1												
14	46.1												
16	46.1												
18	46.1												
20	46.1												
25	46.1	40.4											
30	43.4	39.3	36.8	36.3									
35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8				
40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6	
45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4	
50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2	
60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6	
70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5	
80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4	
90	13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.4	19.2	13.3	
100		21.1	21.7	21.5	21.5	21.2	20.6	20.1	12.2	19.4	17.9	12.2	
110		19.3	19.9	19.7	19.2	19.6	18.2	18.8	11.2	17.4	16.6	11.2	
120		17.8	17.0	17.6	16.1	16.9	15.2	16.3	10.3	14.6	15.2	10.3	
130		15.6	14.0	14.5	13.1	13.9	12.5	13.6	9.5	12.2	13.4	9.6	
140		13.1	11.4	12.0	10.6	11.4	10.0	11.1	8.9	9.9	11.0	9.0	
150		10.9	9.5	9.9	8.7	9.4	8.3	9.2	8.3	8.1	9.1	8.4	
170		8.0	6.5	7.0	5.6	6.5	5.2	6.3	7.3	5.1	6.3	7.5	
190			4.0	4.5	3.1	3.9	2.7	3.7	6.5	2.5	3.8	6.4	
210									5.1			4.4	
230												2.7	
237												2.2	
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVK: TV-23ft K-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40	20.3	18.5									
	45	20.1	18.3	16.1	16.7	14.8	12.0					
	50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9	
	60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5
	70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3
	80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1
	90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8
	100	16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4
	110	15.7	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1
	120	14.4	12.2	10.2	12.0	10.1	8.4	9.9	8.2	8.1	7.9	7.8
	130	12.2	11.4	9.6	11.2	9.5	7.9	9.4	7.8	7.7	7.5	7.4
	140	10.1	10.6	9.0	10.1	9.0	7.5	8.9	7.4	7.3	7.2	7.1
	150	8.4	9.5	8.5	8.4	8.5	7.0	8.3	6.9	7.0	6.8	6.8
	170	5.4	6.7	7.6	5.5	6.9	6.0	5.6	6.1	5.5	5.1	4.9
	190	2.9	4.2	5.5	3.2	4.6	5.0	3.4	4.2	3.3	3.0	2.7
	210			3.4		2.5	3.2		2.4			
	230											
	237											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



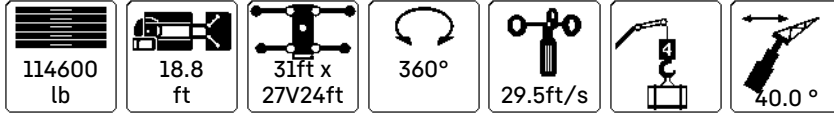
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5	
70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6	
80	15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6	
90	13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5	
100		18.5	18.7	18.6	18.7	18.5	18.4	18.0	11.7	17.8	17.1	11.7	
110		17.1	17.4	17.3	17.5	17.3	17.3	16.9	10.8	16.8	16.0	10.8	
120		15.9	16.3	16.2	16.4	16.2	16.2	16.0	10.0	15.7	14.9	10.1	
130		14.9	14.9	15.2	14.2	14.9	13.7	14.7	9.4	13.3	13.8	9.4	
140		13.7	12.3	12.9	11.5	12.3	11.0	12.1	8.7	10.9	12.0	8.9	
150		11.5	10.1	10.6	9.4	10.1	9.0	9.9	8.2	8.9	9.8	8.3	
170		8.3	7.0	7.5	6.3	7.1	5.9	6.9	7.3	5.9	6.9	7.4	
190			4.3	4.8	3.5	4.3	3.2	4.2	6.5	3.1	4.3	6.6	
210									5.3			4.7	
230												2.9	
237													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x










TVK: TV-23ft K-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	18.5	17.1	14.8	15.9	14.1	11.3					
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1
	90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8
	100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4
	110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1
	120	14.3	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8
	130	13.1	11.0	9.4	10.9	9.3	7.9	9.2	7.7	7.7	7.5	7.4
	140	11.2	10.4	8.9	10.2	8.8	7.5	8.8	7.4	7.3	7.1	7.1
	150	9.2	9.7	8.4	9.3	8.4	7.0	8.3	7.0	6.9	6.8	6.7
	170	6.2	7.3	7.5	6.2	7.4	6.2	6.4	6.2	6.1	5.8	5.6
	190	3.5	4.8	6.0	3.8	5.2	5.2	4.0	4.7	3.9	3.6	3.3
	210		2.6	3.8		3.0	3.6		2.8			
	230											
	237											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	17.0	15.8	13.3	14.6	12.8							
	80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
	90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
	100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
	110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
	120	13.9	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
	130	13.2	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
	140	11.9	10.3	8.8	10.2	8.8	7.5	8.7	7.4	7.4	7.2	7.2	
	150	9.8	9.7	8.4	9.5	8.4	7.1	8.3	7.1	7.0	6.9	6.8	
	170	6.6	7.7	7.6	6.7	7.6	6.4	6.9	6.3	6.3	6.2	6.0	
	190	3.8	5.2	6.2	4.1	5.5	5.3	4.4	5.1	4.3	4.0	3.8	
	210		2.8	4.0		3.2	3.9	2.3	3.1	2.3			
	230												
	237												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	ESTL	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

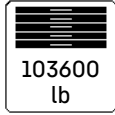
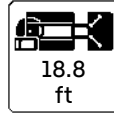
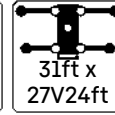

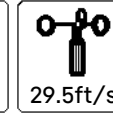
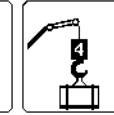
TVK: TV-23ft K-38ft











ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10	46.1												
12	46.1												
14	46.1												
16	46.1												
18	46.1												
20	46.1												
25	46.1	40.4											
30	43.4	39.3	36.8	36.3									
35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8				
40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6	
45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4	
50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2	
60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6	
70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5	
80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4	
90	13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.3	19.2	13.3	
100		21.1	21.6	21.5	20.1	21.0	19.1	19.8	12.2	18.3	17.9	12.2	
110		19.3	18.0	18.5	16.8	17.6	15.8	16.9	11.2	15.1	16.2	11.2	
120		16.2	14.6	15.2	13.6	14.5	13.0	14.1	10.3	12.4	13.6	10.3	
130		13.4	11.8	12.3	10.8	11.7	10.4	11.4	9.5	10.1	11.3	9.6	
140		11.0	9.5	10.0	8.8	9.5	8.4	9.2	8.9	8.2	9.2	9.0	
150		9.2	7.9	8.4	7.2	7.9	6.7	7.6	8.3	6.5	7.6	8.4	
170		6.5	4.9	5.5	4.1	4.9	3.7	4.7	7.3	3.5	4.8	7.2	
190			2.6	3.2		2.6		2.3	5.8		2.4	5.1	
210									3.9			3.1	
229									2.5				

1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

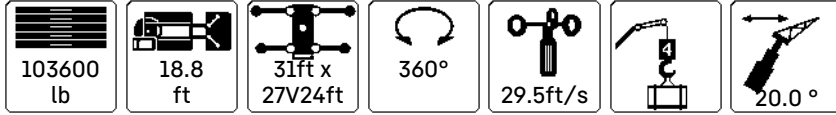
TVK: TV-23ft K-38ft

 103600 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s	 0.0°
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ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	20.3	18.5										
45	20.1	18.3	16.1	16.7	14.8	12.0						
50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100	16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
110	15.0	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
120	12.4	12.2	10.2	11.8	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
130	10.2	11.3	9.6	10.1	9.5	7.9	9.4	7.8	7.7	7.5	7.4	
140	8.3	9.6	9.0	8.3	9.0	7.5	8.3	7.4	7.3	7.1	7.1	
150	6.6	8.0	8.5	6.6	8.1	7.0	6.7	6.9	6.5	6.2	5.9	
170	3.9	5.3	6.4	3.9	5.4	5.9	4.1	4.9	4.0	3.6	3.4	
190		2.9	4.1		3.2	3.8		2.8				
210												
229												

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	18.5	17.1	14.8	15.9	14.1	11.3						
70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3	
80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1	
90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8	
100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4	
110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1	
120	13.7	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8	
130	11.4	11.0	9.4	10.8	9.3	7.9	9.2	7.7	7.7	7.5	7.4	
140	9.3	10.2	8.9	9.3	8.8	7.5	8.7	7.4	7.3	7.1	7.1	
150	7.5	8.7	8.4	7.5	8.4	7.0	7.6	7.0	6.9	6.7	6.7	
170	4.6	5.9	6.9	4.7	6.1	6.2	4.8	5.6	4.7	4.4	4.1	
190		3.5	4.7	2.3	3.8	4.3	2.6	3.4	2.5			
210			2.6			2.4						
229												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70	17.0	15.8	13.3	14.6	12.8							
80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
120	13.8	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
130	12.3	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
140	10.1	10.3	8.8	10.0	8.8	7.5	8.7	7.4	7.4	7.2	7.2	
150	8.2	9.2	8.4	8.2	8.4	7.1	8.1	7.1	7.0	6.9	6.8	
170	5.1	6.3	7.3	5.2	6.5	6.4	5.4	6.0	5.3	5.0	4.7	
190	2.4	3.8	5.0	2.8	4.1	4.7	3.0	3.8	3.0	2.7	2.4	
210			2.8			2.7						
229												

%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

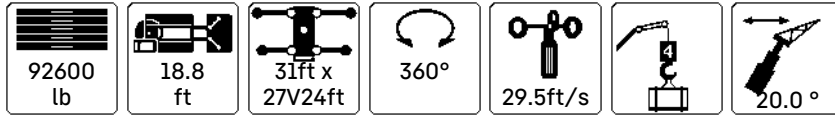
TVK: TV-23ft K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	20.3	18.5										
45	20.1	18.3	16.1	16.7	14.8	12.0						
50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100	15.5	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
110	12.7	13.2	11.0	12.4	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
120	10.3	11.7	10.2	10.2	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
130	8.3	9.7	9.6	8.2	9.4	7.9	8.2	7.8	7.5	7.4	7.3	
140	6.5	7.9	8.9	6.5	7.9	7.5	6.5	7.2	6.4	6.0	5.7	
150	4.9	6.3	7.6	4.9	6.4	6.9	5.1	5.8	4.9	4.6	4.3	
170		3.7	5.0	2.2	3.9	4.4	2.5	3.4	2.5			
190			2.8			2.4						
210												
218												

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

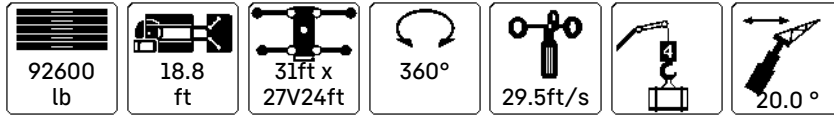
TVK: TV-23ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5	
70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6	
80	15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6	
90	13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5	
100		18.5	18.7	18.6	18.7	18.5	18.0	18.0	11.7	17.3	17.1	11.7	
110		17.1	16.8	17.1	15.7	16.5	14.8	15.8	10.8	14.2	15.3	10.8	
120		14.9	13.4	13.9	12.6	13.4	12.0	13.1	10.0	11.6	12.7	10.1	
130		12.1	10.7	11.2	9.9	10.7	9.5	10.4	9.4	9.3	10.4	9.4	
140		9.9	8.7	9.1	8.0	8.6	7.6	8.4	8.7	7.4	8.4	8.9	
150		8.2	7.0	7.5	6.4	7.0	5.9	6.8	8.2	5.6	6.8	8.3	
170		5.4	4.0	4.5	3.2	4.1	2.9	3.9	7.0	2.6	4.0	6.4	
190									4.9			4.2	
210									2.9			2.3	
218									2.2				

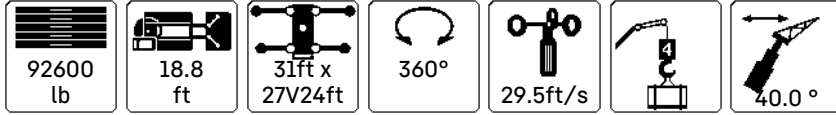
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	18.5	17.1	14.8	15.9	14.1	11.3						
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3	
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1	
	90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8	
	100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4	
	110	14.1	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1	
	120	11.6	11.8	10.0	11.2	9.9	8.4	9.7	8.2	8.1	7.9	7.8	
	130	9.4	10.7	9.4	9.3	9.3	7.9	9.2	7.7	7.7	7.5	7.4	
	140	7.5	8.8	8.9	7.5	8.7	7.5	7.5	7.4	7.0	7.0	6.7	
	150	5.8	7.1	8.2	5.8	7.2	7.0	6.0	6.7	5.8	5.5	5.2	
	170	3.0	4.4	5.6	3.2	4.6	5.1	3.4	4.1	3.2	2.9	2.6	
	190			3.3		2.4	3.0						
	210												
	218												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVK: TV-23ft K-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30													
35		23.6											
40		22.2											
45		21.1											
50		20.1	21.9	21.9	21.9								
60		18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
70		16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
80		14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
90		13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2
100			16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3
110			15.9	16.2	16.1	16.0	16.0	15.6	15.7	10.6	15.1	15.2	10.6
120			15.0	14.3	14.7	13.6	14.2	13.1	14.0	10.0	12.6	13.6	10.0
130			12.7	11.4	11.9	10.7	11.4	10.3	11.2	9.4	10.2	11.2	9.4
140			10.3	9.1	9.5	8.5	9.2	8.2	9.0	8.8	8.1	9.0	8.9
150			8.5	7.4	7.8	6.8	7.4	6.5	7.3	8.2	6.3	7.3	8.4
170			5.5	4.2	4.7	3.6	4.4	3.3	4.3	7.2	3.1	4.5	6.7
190										5.0			4.4
210										2.9			2.3
218													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70	17.0	15.8	13.3	14.6	12.8							
80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
120	12.6	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
130	10.3	10.9	9.3	10.1	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
140	8.3	9.4	8.8	8.2	8.8	7.5	8.3	7.4	7.4	7.2	7.0	
150	6.5	7.8	8.3	6.5	7.9	7.1	6.7	7.0	6.4	6.2	5.9	
170	3.5	4.9	6.0	3.7	5.0	5.6	3.9	4.6	3.8	3.5	3.3	
190		2.4	3.6		2.8	3.3		2.4				
210												
218												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



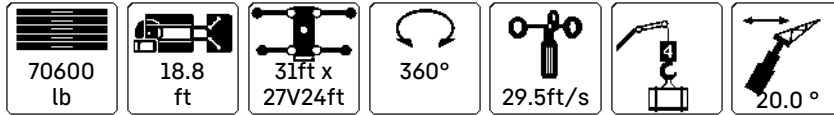
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10	46.1												
12	46.1												
14	46.1												
16	46.1												
18	46.1												
20	46.1												
25	46.1	40.4											
30	43.4	39.3	36.8	36.3									
35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8				
40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6	
45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4	
50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2	
60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6	
70	18.6	27.8	26.4	26.6	24.8	25.4	23.4	23.7	15.9	21.9	21.2	15.5	
80	15.7	23.4	21.0	21.7	19.6	20.5	18.4	19.5	14.6	17.4	18.7	14.4	
90	13.5	19.0	16.8	17.4	15.4	16.4	14.4	15.5	13.4	13.7	15.0	13.3	
100		15.2	13.3	13.9	12.0	12.9	11.2	12.4	12.2	10.6	11.9	12.2	
110		11.8	10.3	10.8	9.2	10.2	8.4	9.7	11.2	8.0	9.4	11.2	
120		9.3	8.0	8.5	6.9	7.9	6.1	7.4	10.3	5.8	7.2	10.0	
130		7.5	6.1	6.7	4.9	5.9	4.2	5.5	8.9	3.9	5.3	8.2	
140		5.9	4.4	5.0	3.2	4.2	2.3	3.8	7.3		3.7	6.7	
150		4.4	2.8	3.4		2.7			6.0			5.3	
170									3.7			3.0	
190													
203													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVK: TV-23ft K-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		20.3	18.5										
45		20.1	18.3	16.1	16.7	14.8	12.0						
50		19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60		19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70		18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80		17.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90		13.6	14.6	12.9	13.2	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100		10.6	12.0	11.9	10.4	11.5	9.4	10.3	9.0	8.8	8.6	8.4	
110		8.1	9.5	10.8	8.0	9.5	8.9	8.0	8.3	7.7	7.3	7.0	
120		6.1	7.5	8.8	6.0	7.5	8.0	6.1	6.8	5.9	5.4	5.2	
130		4.2	5.7	7.0	4.3	5.8	6.3	4.4	5.2	4.2	3.8	3.6	
140		2.3	4.2	5.5	2.6	4.3	4.9	2.9	3.7	2.7	2.2		
150			2.6	4.1		3.0	3.6		2.3				
170													
190													
203													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

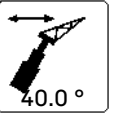
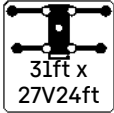
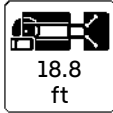
TVK: TV-23ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5	
70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6	
80	15.1	21.8	22.0	21.8	21.5	21.4	20.4	20.5	13.8	19.3	18.9	13.6	
90	13.2	20.0	18.5	19.1	17.3	18.1	16.3	17.3	12.7	15.5	16.6	12.5	
100		16.6	14.9	15.5	13.7	14.6	12.9	13.8	11.7	12.2	13.4	11.7	
110		13.1	11.6	12.1	10.7	11.5	9.9	11.1	10.8	9.5	10.7	10.8	
120		10.2	9.0	9.4	8.2	8.9	7.5	8.7	10.0	7.1	8.4	10.1	
130		8.2	7.0	7.5	6.1	7.0	5.4	6.6	9.3	5.1	6.4	9.0	
140		6.6	5.3	5.8	4.2	5.1	3.6	4.8	8.0	3.3	4.7	7.4	
150		5.0	3.6	4.2	2.5	3.6		3.2	6.6		3.1	6.0	
170		2.3							4.3			3.6	
190													
203													

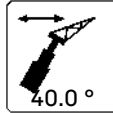
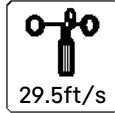
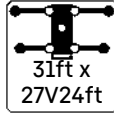
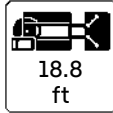
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



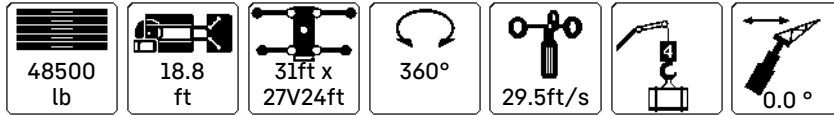
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30													
35		23.6											
40		22.2											
45		21.1											
50		20.1	21.9	21.9	21.9								
60		18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
70		16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
80		14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
90		13.4	18.0	18.2	18.1	18.0	18.0	17.8	17.5	12.3	17.0	16.7	12.2
100			16.9	16.2	16.5	15.1	15.8	14.2	15.1	11.5	13.6	14.7	11.3
110			14.0	12.6	13.1	11.8	12.6	11.2	12.2	10.6	10.7	11.8	10.6
120			10.9	9.7	10.1	9.1	9.7	8.5	9.5	10.0	8.2	9.4	10.0
130			8.7	7.6	8.0	6.9	7.6	6.3	7.4	9.4	6.0	7.3	9.3
140			7.0	5.9	6.3	4.9	5.8	4.4	5.5	8.4	4.1	5.4	7.9
150			5.4	4.1	4.6	3.2	4.1	2.5	3.8	7.0	2.3	3.8	6.4
170			2.4							4.6			4.0
190										2.3			
203													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-23ft K-38ft



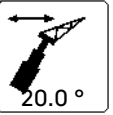
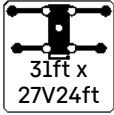
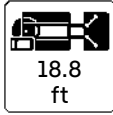
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	17.0	15.8	13.3	14.6	12.8								
80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1		
90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8		
100	13.5	13.3	11.1	12.9	10.9	9.3	10.6	9.0	8.9	8.6	8.5		
110	10.7	11.9	10.5	10.6	10.3	8.8	10.1	8.6	8.5	8.3	8.2		
120	8.4	9.6	9.8	8.3	9.3	8.3	8.3	8.2	7.7	7.6	7.4		
130	6.4	7.6	8.7	6.3	7.6	7.7	6.4	7.0	6.2	5.9	5.6		
140	4.5	5.8	7.0	4.6	5.9	6.4	4.7	5.4	4.6	4.3	4.0		
150	2.8	4.3	5.5	3.0	4.5	5.0	3.3	4.0	3.2	2.8	2.5		
170			2.9			2.5							
190													
203													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVK: TV-23ft K-38ft



		x1000lb										
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40	20.3	18.5									
	45	20.1	18.3	16.1	16.7	14.8	12.0					
	50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9	
	60	19.0	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5
	70	14.8	16.2	14.8	14.3	14.1	10.9	13.1	10.2	10.0	9.5	9.3
	80	11.0	12.4	13.7	10.7	12.2	10.4	10.5	9.8	9.5	9.2	9.0
	90	8.1	9.5	10.8	7.8	9.3	9.7	7.7	8.4	7.4	6.9	6.6
	100	5.5	7.0	8.3	5.5	7.0	7.4	5.5	6.2	5.2	4.8	4.5
	110		4.9	6.3	3.3	5.0	5.5	3.4	4.3	3.2		
	120		2.9	4.5		3.1	3.8		2.4			
	130			2.8								
	140											
	150											
	170											
	176											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

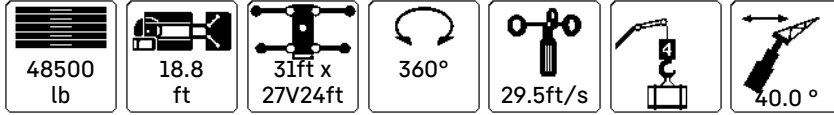
TVK: TV-23ft K-38ft



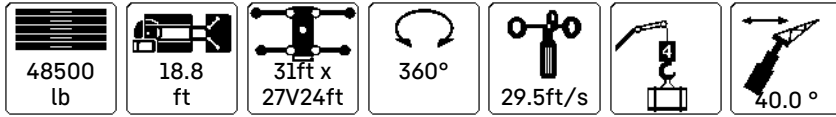
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		18.5	17.1	14.8	15.9	14.1	11.3						
70		17.1	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3	
80		13.0	14.3	13.2	12.6	12.8	10.2	12.2	9.7	9.6	9.2	9.1	
90		9.8	11.1	12.1	9.5	10.9	9.7	9.4	9.4	8.9	8.5	8.2	
100		7.2	8.5	9.7	7.0	8.4	8.8	6.9	7.6	6.6	6.2	5.9	
110		4.9	6.2	7.5	4.9	6.2	6.7	4.9	5.6	4.7	4.3	4.0	
120			4.3	5.6	2.8	4.5	5.0	3.0	3.8	2.8			
130			2.4	4.0		2.7	3.4						
140				2.3									
150													
170													
176													

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVK: TV-23ft K-38ft



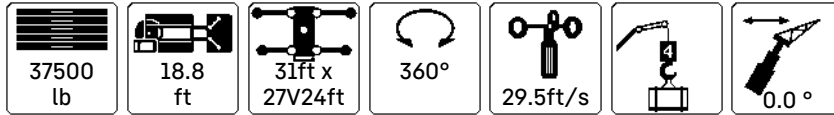
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	23.6											
	40	22.2											
	45	21.1											
	50	20.1	21.9	21.9	21.9								
	60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
	70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
	80	14.8	18.9	17.9	18.4	16.7	17.5	15.9	16.7	13.1	15.1	16.1	12.9
	90	13.4	15.6	13.7	14.3	12.6	13.5	11.9	12.9	12.3	11.4	12.4	12.2
	100		11.9	10.4	11.0	9.4	10.2	8.7	9.8	11.5	8.4	9.5	11.3
	110		9.0	7.7	8.2	6.6	7.5	6.0	7.1	10.4	5.7	7.0	9.7
	120		7.0	5.4	5.9	4.4	5.3	3.8	4.9	8.3	3.5	4.8	7.6
	130		5.1	3.4	4.0		3.2		2.9	6.7		2.8	5.9
	140		3.4							5.2			4.3
	150									3.8			2.9
	170												
	176												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x











































ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70	17.0	15.8	13.3	14.6	12.8							
80	14.8	15.2	12.5	14.1	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
90	11.3	12.5	11.9	11.0	11.6	9.7	10.8	9.4	9.3	9.0	8.8	
100	8.5	9.7	10.8	8.3	9.5	9.3	8.2	8.8	7.9	7.5	7.2	
110	6.1	7.3	8.5	6.0	7.3	7.7	6.0	6.6	5.8	5.4	5.1	
120	3.9	5.3	6.5	4.1	5.4	5.9	4.1	4.8	3.9	3.5	3.3	
130		3.4	4.8		3.7	4.2		3.2				
140			3.2			2.7						
150												
170												
176												

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

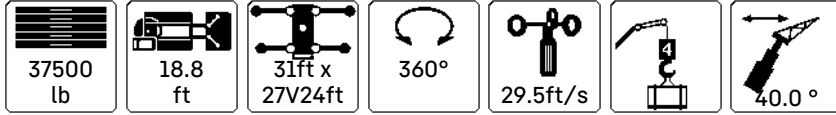
TVK: TV-23ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	34.5	31.9	32.3	29.8	30.4	27.9	27.0	18.5	24.8	23.3	17.4
	50	27.6	30.1	27.2	28.0	25.4	26.5	24.0	25.1	18.2	22.4	22.8	17.2
	60	22.4	22.4	19.8	20.5	18.2	19.2	17.1	18.4	17.3	16.1	17.4	16.6
	70	18.6	16.8	14.5	15.2	13.0	14.0	12.0	13.4	15.9	11.5	12.8	15.4
	80	15.7	12.6	10.4	11.0	9.1	10.1	8.2	9.5	13.7	7.7	9.2	12.2
	90	13.5	9.3	7.2	7.9	6.0	7.0	5.2	6.5	10.7	4.7	6.3	9.4
	100		6.7	4.6	5.3	3.2	4.4		3.9	8.3		3.6	7.1
	110		4.6		2.9					6.2			5.2
	120		2.4							4.5			3.4
	130									2.9			
	140												
	150												
	164												
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

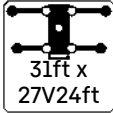
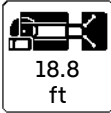
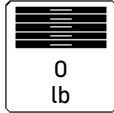


ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	25.1	22.8	23.4	21.3	22.2	20.1	21.1	16.0	19.0	19.9	15.5	
70	17.4	19.1	16.9	17.5	15.6	16.5	14.7	15.8	14.9	13.9	15.0	14.6	
80	15.1	14.5	12.5	13.2	11.3	12.2	10.5	11.6	13.8	10.0	11.2	13.5	
90	13.2	11.0	9.0	9.6	7.9	8.8	7.2	8.3	12.0	6.7	8.1	10.9	
100		8.1	6.3	6.9	5.1	6.1	4.4	5.6	9.5	4.0	5.5	8.4	
110		5.8	3.9	4.6	2.5	3.7		3.2	7.4		3.0	6.4	
120		3.8							5.5			4.6	
130									3.9			2.8	
140									2.3				
150													
164													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x



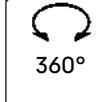
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30													
35		23.6											
40		22.2											
45		21.1											
50		20.1	21.9	21.9	21.9								
60		18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
70		16.8	19.7	19.1	19.3	17.9	18.7	17.0	17.9	14.0	16.1	17.1	13.7
80		14.8	16.2	14.3	14.9	13.1	14.0	12.4	13.4	13.1	11.9	12.9	12.9
90		13.4	12.4	10.6	11.1	9.5	10.3	8.8	9.8	12.3	8.4	9.6	12.0
100			9.2	7.5	8.1	6.5	7.4	5.8	6.9	10.5	5.5	6.8	9.5
110			6.8	5.0	5.6	4.0	4.9	3.3	4.6	8.3	2.9	4.5	7.3
120			4.6	2.6	3.5		2.5			6.3			5.4
130			2.6							4.6			3.7
140										3.1			
150													
164													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









TVK: TV-23ft K-38ft



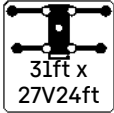
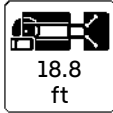
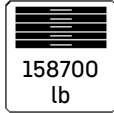
ft	x1000lb			
10	46.1			
11	46.1			
12	46.1			
13	46.1			
14	46.1			
15	46.1			
16	46.1			
17	46.1			
18	46.1			
19	46.1			
20	46.1			
22	46.1	42.0		
24	46.1	40.9		
26	46.0	39.9		
28	44.7	38.3		
30	43.4	36.8		
32	41.9	35.3	24.5	
34	40.3	34.0	23.8	
36	37.6	32.7	23.3	
38	34.9	31.4	22.7	
40	32.2	30.2	22.2	
45	26.7	27.3	21.1	
50	22.3	24.7	20.1	
55	18.9	20.9	19.3	
60	15.6	17.4	18.4	
65	12.9	14.4	15.6	
70	10.7	11.9	12.9	
75	9.1	9.9	10.6	
80	7.8	8.5	8.9	
85	6.7	7.3	7.5	
90	5.8	6.2	6.3	
95	4.9	5.1		
97	4.7			
1%	1	0+	0+	0+
2%	2	0+	0+	0+
3%	3	0+	0+	0+
4%	4	0+	0+	0+
5%	5	0+	0+	0+
6%	6	0+	0+	0+
7%	7	0+	0+	0+
°	0.0	20.0	40.0	

TVK: TV-23ft K-66ft

 158700 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s		 1x n EST1
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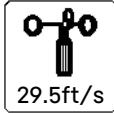
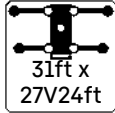
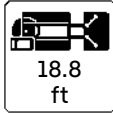
ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
22	19.4													
25	19.4													
30	19.3			16.4			16.0				15.9			
35	18.6			16.4			16.0				15.9			
40	17.6	13.7		16.3			15.8				15.7			
45	16.5	12.9		16.2			15.6				15.5			
50	15.5	12.2		15.9			15.5				15.4			
60	13.7	10.9	9.0	15.3	11.7		15.0	11.6			14.9	11.6		
70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7		14.1	10.9		
80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5		13.3	10.2	8.5	
90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2		12.4	9.8	8.2	
100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0		11.7	9.4	8.0	
110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9		11.0	9.0	7.9	
120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7		10.2	8.7	7.7	
130				9.2	8.4	7.6	9.6	8.4	7.6		9.5	8.4	7.6	
140				8.6	8.1	7.6	8.9	8.2	7.5		8.8	8.2	7.5	
150				8.0	7.9	7.5	8.3	8.0	7.5		8.3	8.0	7.5	
170				7.1	7.6	7.5	7.4	7.7	7.5		7.3	7.6	7.5	
190				6.4	7.5	7.5	6.6	7.5	7.5		6.6	7.5	7.5	
210				5.8	7.4		6.1	7.3	7.5		6.0	7.3	7.5	
230														
250														
270														
278														
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVK: TV-23ft K-66ft



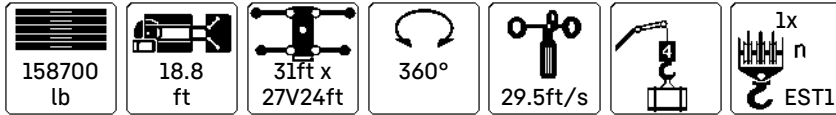
ft	x1000lb													
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9		
22														
25														
30														
35	15.2				14.9									
40	15.1				14.9			14.2				13.8		
45	14.9				14.7			14.1				13.7		
50	14.8				14.6			13.9				13.6		
60	14.4	11.4			14.2	11.3		13.6				13.3		
70	13.8	10.8			13.6	10.7		13.2	10.5			12.8	10.4	
80	13.1	10.2	8.4		12.9	10.1	8.4	12.5	10.0	8.3		12.2	9.9	8.3
90	12.3	9.7	8.2		12.1	9.7	8.2	11.9	9.6	8.1		11.6	9.5	8.1
100	11.6	9.3	8.0		11.5	9.3	8.0	11.3	9.2	7.9		11.0	9.2	7.9
110	10.9	9.0	7.8		10.8	9.0	7.8	10.7	8.9	7.8		10.5	8.8	7.7
120	10.3	8.7	7.7		10.2	8.7	7.7	10.2	8.6	7.6		10.0	8.6	7.6
130	9.7	8.4	7.6		9.6	8.4	7.6	9.7	8.4	7.5		9.5	8.3	7.5
140	9.1	8.2	7.5		9.0	8.2	7.5	9.2	8.2	7.5		9.0	8.1	7.4
150	8.5	8.0	7.4		8.5	8.0	7.4	8.7	8.0	7.4		8.6	7.9	7.4
170	7.6	7.7	7.4		7.5	7.6	7.4	7.8	7.6	7.3		7.7	7.6	7.3
190	6.8	7.5	7.4		6.8	7.5	7.4	7.0	7.4	7.3		7.0	7.4	7.3
210	6.3	7.4	7.4		6.3	7.3	7.4	6.4	7.2	7.3		6.4	7.2	7.3
230	4.9	5.3			5.7	6.0		4.4	5.0	5.1		5.4	5.9	6.0
250												2.9		
270														
278														
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVK: TV-23ft K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	186.6
22													
25													
30													
35													
40	10.9			13.0			12.4						
45	10.8			13.0			12.3			10.3			
50	10.7			12.8			12.2			10.3			
60	10.6			12.5			11.9			10.1			
70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1		
80	10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8		
90	9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6	
100	9.3	8.4	7.6	10.8	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5	
110	8.8	8.0	7.5	10.3	8.7	7.7	10.0	8.6	7.6	8.7	8.0	7.4	
120	8.3	7.7	7.3	9.9	8.5	7.6	9.6	8.4	7.5	8.3	7.6	7.2	
130	7.8	7.3	7.0	9.5	8.2	7.5	9.2	8.1	7.4	7.8	7.3	7.0	
140	7.4	7.0	6.8	9.1	8.1	7.4	8.9	8.0	7.3	7.4	7.0	6.7	
150	6.9	6.7	6.5	8.6	7.9	7.3	8.5	7.8	7.3	7.0	6.7	6.5	
170	6.1	6.0	6.1	7.8	7.6	7.3	7.7	7.5	7.3	6.2	6.1	6.1	
190	5.4	5.4	5.5	7.1	7.4	7.3	7.0	7.3	7.3	5.5	5.5	5.6	
210	4.8	4.8	4.9	6.3	7.1	7.3	6.3	6.6	6.8	4.9	4.9	5.1	
230	4.3	4.4	4.5	4.2	4.9	5.1	5.3	5.6	5.8	4.4	4.5	4.6	
250	3.9			2.5	2.9	2.8	3.6	4.0	3.9	4.0	4.1	4.3	
270													
278													
%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
22													
25													
30													
35													
40													
45		11.5			10.7			9.8					
50		11.4			10.6			9.7			9.9		
60		11.2			10.4			9.6			9.8		
70		11.0	9.6		10.2	9.3		9.5			9.7		
80		10.7	9.3		10.1	9.0		9.3	8.6		9.5	8.8	
90		10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5	
100		10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.2	8.3	7.5
110		9.7	8.5	7.5	9.3	8.3	7.4	8.5	7.9	7.3	9.0	8.1	7.3
120		9.4	8.3	7.4	9.0	8.1	7.3	8.2	7.5	7.2	8.8	7.9	7.3
130		9.1	8.1	7.3	8.8	7.9	7.3	7.8	7.2	6.9	8.6	7.8	7.2
140		8.8	7.9	7.3	8.5	7.7	7.2	7.4	6.9	6.7	8.3	7.6	7.1
150		8.4	7.7	7.2	8.1	7.6	7.2	7.0	6.7	6.5	8.0	7.5	7.1
170		7.8	7.5	7.2	7.3	7.1	7.1	6.2	6.1	6.1	7.3	7.1	7.0
190		7.1	7.3	7.2	6.6	6.5	6.6	5.6	5.6	5.6	6.6	6.5	6.6
210		6.3	6.8	7.0	5.9	6.0	6.1	5.0	5.0	5.1	5.9	6.0	6.1
230		4.2	5.0	5.3	5.0	5.2	5.4	4.5	4.6	4.7	4.4	5.2	5.5
250		2.5	3.0	3.1	3.7	4.2	4.3	3.7	3.9	3.9	2.6	3.3	3.5
270					2.3	2.5		2.9	3.0				
278													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

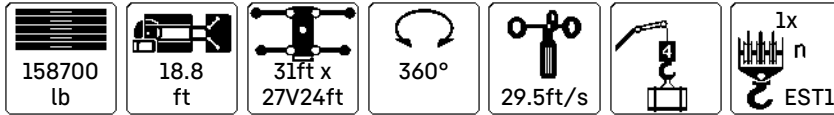
TVK: TV-23ft K-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
22													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2			6.9			
70	9.0			7.9			8.2			6.9			
80	8.8	8.4		7.7	7.4		8.2	7.9		6.9			
90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9		
100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9		
110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7	6.7
120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4	6.4
130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2	6.2
140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5	5.9	5.9	5.9	5.9
150	7.0	6.6	6.4	5.8	5.7	5.7	6.9	6.5	6.4	5.6	5.7	5.6	5.6
170	6.3	6.1	6.1	5.1	5.2	5.2	6.2	6.1	6.0	5.1	5.1	5.2	5.2
190	5.6	5.6	5.7	4.4	4.6	4.7	5.6	5.6	5.7	4.5	4.6	4.7	4.7
210	5.1	5.1	5.2	3.6	4.0	4.1	5.1	5.1	5.2	3.7	4.0	4.3	4.3
230	4.6	4.6	4.7	2.7	3.1	3.3	4.6	4.7	4.8	2.9	3.2	3.4	3.4
250	3.9	4.2	4.3			2.3	2.9	3.6	3.9		2.4	2.6	2.6
270	2.5	2.8	2.9										
278		2.3											

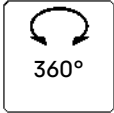
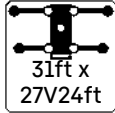
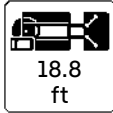
1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



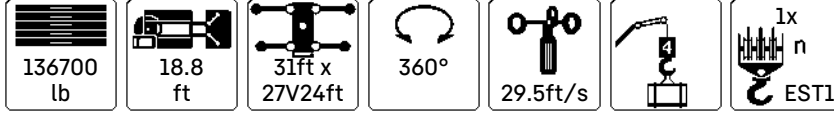
		x1000lb										
	ft	237.3	237.3	237.3	243.2	243.2	243.2	246.1				
	22											
	25											
	30											
	35											
	40											
	45											
	50											
	60	6.4			6.0			5.8				
	70	6.4			6.0			5.8				
	80	6.4			6.0			5.8				
	90	6.4	6.8		6.0	6.4		5.8				
	100	6.4	6.7		6.0	6.4		5.8				
	110	6.4	6.6	6.5	6.0	6.3	6.2	5.8				
	120	6.3	6.4	6.4	6.0	6.2	6.2	5.8				
	130	6.1	6.1	6.1	5.9	5.9	6.0	5.8				
	140	5.8	5.9	5.9	5.7	5.7	5.8	5.6				
	150	5.6	5.6	5.7	5.4	5.5	5.5	5.4				
	170	5.1	5.1	5.2	4.9	5.0	5.1	4.9				
	190	4.6	4.6	4.7	4.3	4.5	4.7	4.3				
	210	4.1	4.2	4.3	3.7	4.0	4.2	3.5				
	230	3.7	3.8	3.9	2.9	3.2	3.4	2.5				
	250	2.9	3.4	3.5		2.4	2.6					
	270			2.3								
	278											
	1	90+	90+	90+	90+	90+	90+	100+				
	2	90+	90+	90+	100+	100+	100+	100+				
	3	90+	90+	90+	100+	100+	100+	100+				
	4	100+	100+	100+	100+	100+	100+	100+				
	5	100+	100+	100+	100+	100+	100+	100+				
	6	100+	100+	100+	100+	100+	100+	100+				
	7	100+	100+	100+	100+	100+	100+	100+				
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0				


TVK: TV-23ft K-66ft











ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
13	19.3													
14	19.3													
16	19.3													
18	19.3													
20	19.3													
25	19.3													
30	19.3			16.4			16.0			15.9				
35	18.6			16.4			16.0			15.9				
40	17.6	13.7		16.3			15.8			15.7				
45	16.5	12.9		16.2			15.6			15.5				
50	15.5	12.2		15.9			15.5			15.4				
60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6			
70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9			
80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5		
90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2		
100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0		
110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9		
120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7		
130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6		
140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5		
150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5		
170				7.1	7.6	7.5	7.4	7.7	7.5	7.3	7.6	7.5		
190				6.4	7.5	7.5	6.6	7.5	7.5	6.6	7.5	7.5		
210				5.8	7.1		5.4	5.9	6.0	5.9	6.4	6.4		
230														
250														
267														
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	45+
2%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
3%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
4%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
5%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	40.0

TVK: TV-23ft K-66ft












	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	15.2			14.9								
	40	15.1			14.9			14.2			13.8		
	45	14.9			14.7			14.1			13.7		
	50	14.8			14.6			13.9			13.6		
	60	14.4	11.4		14.2	11.3		13.6			13.3		
	70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4	
	80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3
	90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1
	100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9
	110	10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7
	120	10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6
	130	9.7	8.4	7.6	9.6	8.4	7.6	9.7	8.4	7.5	9.5	8.3	7.5
	140	9.1	8.2	7.5	9.0	8.2	7.5	9.2	8.2	7.5	9.0	8.1	7.4
	150	8.5	8.0	7.4	8.5	8.0	7.4	8.7	8.0	7.4	8.6	7.9	7.4
	170	7.6	7.7	7.4	7.5	7.6	7.4	7.8	7.6	7.3	7.7	7.6	7.3
	190	6.8	7.5	7.4	6.8	7.5	7.4	6.4	7.4	7.3	7.0	7.4	7.3
	210	4.6	5.3	5.5	5.3	6.0	6.2	4.1	4.9	5.3	5.1	5.8	6.2
	230	2.8	3.1		3.5	3.8		2.3	2.8	2.9	3.2	3.7	3.8
	250												
	267												

 %	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
 %	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
 %	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
 %	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
 %	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

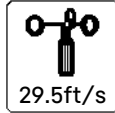
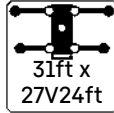
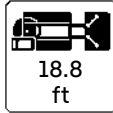
TVK: TV-23ft K-66ft



		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	10.9			13.0			12.4					
	45	10.8			13.0			12.3			10.3		
	50	10.7			12.8			12.2			10.3		
	60	10.6			12.5			11.9			10.1		
	70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1	
	80	10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8	
	90	9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6
	100	9.3	8.4	7.6	10.8	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5
	110	8.8	8.0	7.5	10.3	8.7	7.7	10.0	8.6	7.6	8.7	8.0	7.4
	120	8.3	7.7	7.3	9.9	8.5	7.6	9.6	8.4	7.5	8.3	7.6	7.2
	130	7.8	7.3	7.0	9.5	8.2	7.5	9.2	8.1	7.4	7.8	7.3	7.0
	140	7.4	7.0	6.8	9.1	8.1	7.4	8.9	8.0	7.3	7.4	7.0	6.7
	150	6.9	6.7	6.5	8.6	7.9	7.3	8.5	7.8	7.3	7.0	6.7	6.5
	170	6.1	6.0	6.1	7.8	7.6	7.3	7.7	7.5	7.3	6.2	6.1	6.1
	190	5.4	5.4	5.5	6.2	7.1	7.3	7.0	7.3	7.3	5.5	5.5	5.6
	210	4.8	4.8	4.9	3.9	4.8	5.4	5.0	5.9	6.3	4.9	4.9	5.1
	230	4.3	4.4	4.5		2.7	3.0	3.1	3.7	4.0	4.4	4.5	4.6
	250	3.9									3.7	4.1	4.0
	267										2.5		

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

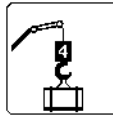
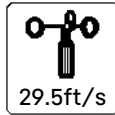
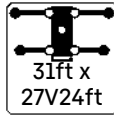
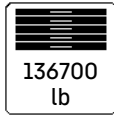
TVK: TV-23ft K-66ft



	ft	x1000lb												
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
13														
14														
16														
18														
20														
25														
30														
35														
40														
45	11.5				10.7				9.8					
50	11.4				10.6				9.7			9.9		
60	11.2				10.4				9.6			9.8		
70	11.0	9.6			10.2	9.3			9.5			9.7		
80	10.7	9.3			10.1	9.0			9.3	8.6		9.5	8.8	
90	10.4	9.0	7.8		9.9	8.7	7.7		9.2	8.4	7.5	9.4	8.5	
100	10.0	8.7	7.7		9.6	8.5	7.6		8.9	8.2	7.4	9.2	8.3	7.5
110	9.7	8.5	7.5		9.3	8.3	7.4		8.5	7.9	7.3	9.0	8.1	7.3
120	9.4	8.3	7.4		9.0	8.1	7.3		8.2	7.5	7.2	8.8	7.9	7.3
130	9.1	8.1	7.3		8.8	7.9	7.3		7.8	7.2	6.9	8.6	7.8	7.2
140	8.8	7.9	7.3		8.5	7.7	7.2		7.4	6.9	6.7	8.3	7.6	7.1
150	8.4	7.7	7.2		8.1	7.6	7.2		7.0	6.7	6.5	8.0	7.5	7.1
170	7.8	7.5	7.2		7.3	7.1	7.1		6.2	6.1	6.1	7.3	7.1	7.0
190	6.2	7.1	7.2		6.6	6.5	6.6		5.6	5.6	5.6	6.1	6.5	6.6
210	3.9	4.9	5.5		5.1	5.9	6.1		5.0	5.0	5.1	4.1	5.0	5.6
230		2.8	3.2		3.3	4.0	4.3		4.4	4.6	4.7	2.2	3.0	3.5
250							2.3		2.8	3.3	3.4			
267														

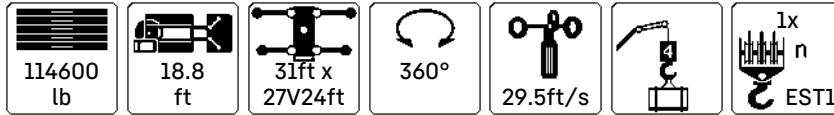
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



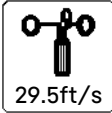
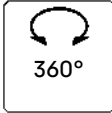
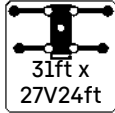
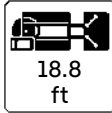
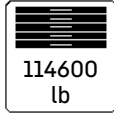
ft	x1000lb								
	237.3	237.3	237.3	243.2	243.2	243.2	246.1		
13									
14									
16									
18									
20									
25									
30									
35									
40									
45									
50									
60	6.4			6.0			5.8		
70	6.4			6.0			5.8		
80	6.4			6.0			5.8		
90	6.4	6.8		6.0	6.4		5.8		
100	6.4	6.7		6.0	6.4		5.8		
110	6.4	6.6	6.5	6.0	6.3	6.2	5.8		
120	6.3	6.4	6.4	6.0	6.2	6.2	5.8		
130	6.1	6.1	6.1	5.9	5.9	6.0	5.8		
140	5.8	5.9	5.9	5.7	5.7	5.8	5.6		
150	5.6	5.6	5.7	5.4	5.5	5.5	5.4		
170	5.1	5.1	5.2	4.9	5.0	5.1	4.9		
190	4.6	4.6	4.7	4.3	4.5	4.7	4.3		
210	3.9	4.2	4.3	3.6	4.0	4.2	3.4		
230	2.3	3.1	3.7		2.9	3.4			
250									
267									
	1	90+	90+	90+	90+	90+	90+	100+	
	2	90+	90+	90+	100+	100+	100+	100+	
	3	90+	90+	90+	100+	100+	100+	100+	
	4	100+	100+	100+	100+	100+	100+	100+	
	5	100+	100+	100+	100+	100+	100+	100+	
	6	100+	100+	100+	100+	100+	100+	100+	
	7	100+	100+	100+	100+	100+	100+	100+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	










TVK: TV-23ft K-66ft



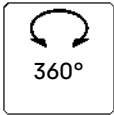
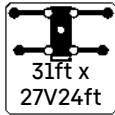
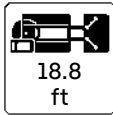
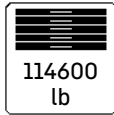
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
	100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
	110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9
	120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7
	130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6
	140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5
	150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5
	170				7.1	7.6	7.5	7.4	7.7	7.5	7.3	7.6	7.5
	190				6.4	7.2	7.3	5.2	6.0	6.4	5.6	6.4	6.8
	210				4.6	4.8		3.1	3.6	3.7	3.6	4.1	4.1
	230												
	250												
	256												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



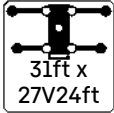
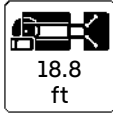
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	15.2			14.9								
	40	15.1			14.9			14.2			13.8		
	45	14.9			14.7			14.1			13.7		
	50	14.8			14.6			13.9			13.6		
	60	14.4	11.4		14.2	11.3		13.6			13.3		
	70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4	
	80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3
	90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1
	100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9
	110	10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7
	120	10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6
	130	9.7	8.4	7.6	9.6	8.4	7.6	9.7	8.4	7.5	9.5	8.3	7.5
	140	9.1	8.2	7.5	9.0	8.2	7.5	9.2	8.2	7.5	9.0	8.1	7.4
	150	8.5	8.0	7.4	8.5	8.0	7.4	8.7	8.0	7.4	8.6	7.9	7.4
	170	6.9	7.6	7.4	7.4	7.6	7.4	6.5	7.5	7.3	7.2	7.6	7.3
	190	4.3	5.3	5.9	5.1	6.0	6.5	3.9	5.0	5.6	4.8	5.9	6.4
	210	2.3	3.0	3.2	3.0	3.7	3.9		2.6	3.0	2.7	3.5	3.9
	230												
	250												
	256												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
13													
14													
16													
18													
20													
25													
30													
35													
40	10.9			13.0			12.4						
45	10.8			13.0			12.3			10.3			
50	10.7			12.8			12.2			10.3			
60	10.6			12.5			11.9			10.1			
70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1		
80	10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8		
90	9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6	
100	9.3	8.4	7.6	10.8	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5	
110	8.8	8.0	7.5	10.3	8.7	7.7	10.0	8.6	7.6	8.7	8.0	7.4	
120	8.3	7.7	7.3	9.9	8.5	7.6	9.6	8.4	7.5	8.3	7.6	7.2	
130	7.8	7.3	7.0	9.5	8.2	7.5	9.2	8.1	7.4	7.8	7.3	7.0	
140	7.4	7.0	6.8	9.1	8.1	7.4	8.9	8.0	7.3	7.4	7.0	6.7	
150	6.9	6.7	6.5	8.6	7.9	7.3	8.5	7.8	7.3	7.0	6.7	6.5	
170	6.1	6.0	6.1	6.1	7.3	7.3	7.1	7.5	7.3	6.2	6.1	6.1	
190	5.4	5.4	5.5	3.7	4.8	5.6	4.8	5.8	6.4	5.5	5.5	5.6	
210	4.8	4.8	4.9		2.5	3.0	2.7	3.6	4.0	4.8	4.9	5.1	
230	3.9	4.3	4.4							3.2	3.7	3.9	
250	2.6												
256	2.3												
%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

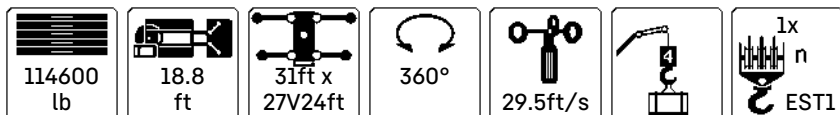
TVK: TV-23ft K-66ft












ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
13														
14														
16														
18														
20														
25														
30														
35														
40														
45	11.5			10.7				9.8						
50	11.4			10.6				9.7			9.9			
60	11.2			10.4				9.6			9.8			
70	11.0	9.6		10.2	9.3			9.5			9.7			
80	10.7	9.3		10.1	9.0			9.3	8.6		9.5	8.8		
90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5			
100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.2	8.3	7.5		
110	9.7	8.5	7.5	9.3	8.3	7.4	8.5	7.9	7.3	9.0	8.1	7.3		
120	9.4	8.3	7.4	9.0	8.1	7.3	8.2	7.5	7.2	8.8	7.9	7.3		
130	9.1	8.1	7.3	8.8	7.9	7.3	7.8	7.2	6.9	8.6	7.8	7.2		
140	8.8	7.9	7.3	8.5	7.7	7.2	7.4	6.9	6.7	8.3	7.6	7.1		
150	8.3	7.7	7.2	8.1	7.6	7.2	7.0	6.7	6.5	7.9	7.5	7.1		
170	5.9	7.1	7.2	7.0	7.1	7.1	6.2	6.1	6.1	5.8	7.0	7.0		
190	3.6	4.7	5.5	4.8	5.8	6.5	5.6	5.6	5.6	3.5	4.7	5.5		
210		2.6	3.2	2.8	3.7	4.3	4.0	4.8	5.1		2.7	3.3		
230						2.2	2.3	2.9	3.2					
250														
256														

%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+	
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVK: TV-23ft K-66ft



 ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2				6.9		
70	9.0			7.9			8.2				6.9		
80	8.8	8.4		7.7	7.4		8.2	7.9			6.9		
90	8.7	8.2		7.5	7.4		8.1	7.9			6.9	6.9	
100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2		6.9	6.9	
110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1		6.7	6.7	6.7
120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0		6.4	6.4	6.4
130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7		6.2	6.2	6.2
140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5		5.9	5.9	5.9
150	7.0	6.6	6.4	5.8	5.7	5.7	6.9	6.5	6.4		5.6	5.7	5.6
170	6.3	6.1	6.1	5.1	5.2	5.2	5.7	6.1	6.0		5.1	5.1	5.2
190	4.8	5.5	5.7	4.4	4.6	4.7	3.6	4.7	5.5		4.2	4.6	4.7
210	3.0	3.9	4.5	3.5	4.0	4.1		2.8	3.4		2.5	3.4	4.1
230			2.6		2.7	3.1							2.3
250													
256													
 %	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
 %	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 °	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft

114600 lb	18.8 ft	31ft x 27V24ft	360°	29.5ft/s		1x n EST1

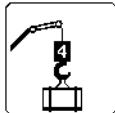
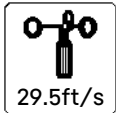
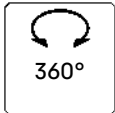
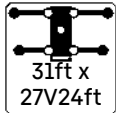
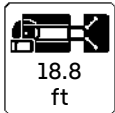
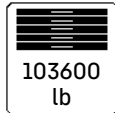
	ft	x1000lb													
		237.3	237.3	237.3	243.2	243.2	243.2	246.1							
	13														
	14														
	16														
	18														
	20														
	25														
	30														
	35														
	40														
	45														
	50														
	60	6.4			6.0						5.8				
	70	6.4			6.0						5.8				
	80	6.4			6.0						5.8				
	90	6.4	6.8		6.0	6.4					5.8				
	100	6.4	6.7		6.0	6.4					5.8				
	110	6.4	6.6	6.5	6.0	6.3	6.2				5.8				
	120	6.3	6.4	6.4	6.0	6.2	6.2				5.8				
	130	6.1	6.1	6.1	5.9	5.9	6.0				5.8				
	140	5.8	5.9	5.9	5.7	5.7	5.8				5.6				
	150	5.6	5.6	5.7	5.4	5.5	5.5				5.4				
	170	5.0	5.1	5.2	4.9	5.0	5.1				4.7				
	190	3.4	4.4	4.7	3.1	4.3	4.7				2.8				
	210		2.7	3.3		2.4	3.1								
	230														
	250														
	256														
	1	90+	90+	90+	90+	90+	90+	100+							
	2	90+	90+	90+	100+	100+	100+	100+							
	3	90+	90+	90+	100+	100+	100+	100+							
	4	100+	100+	100+	100+	100+	100+	100+							
	5	100+	100+	100+	100+	100+	100+	100+							
	6	100+	100+	100+	100+	100+	100+	100+							
	7	100+	100+	100+	100+	100+	100+	100+							
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0							

TVK: TV-23ft K-66ft



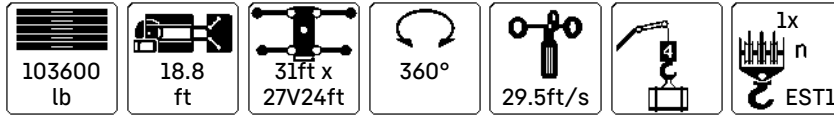
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
	100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
	110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9
	120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7
	130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6
	140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5
	150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5
	170				7.1	7.6	7.5	6.2	7.2	7.4	6.7	7.5	7.5
	190				5.2	5.9	6.1	3.8	4.6	5.1	4.3	5.1	5.5
	210				3.4	3.6			2.4	2.4	2.4	2.9	2.9
	230												
	243												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
13													
14													
16													
18													
20													
25													
30													
35	15.2			14.9									
40	15.1			14.9			14.2			13.8			
45	14.9			14.7			14.1			13.7			
50	14.8			14.6			13.9			13.6			
60	14.4	11.4		14.2	11.3		13.6			13.3			
70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4		
80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3	
90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1	
100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9	
110	10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7	
120	10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6	
130	9.7	8.4	7.6	9.6	8.4	7.6	9.7	8.4	7.5	9.5	8.3	7.5	
140	9.1	8.2	7.5	9.0	8.2	7.5	9.2	8.2	7.5	9.0	8.1	7.4	
150	8.2	8.0	7.4	8.4	8.0	7.4	7.8	8.0	7.4	8.5	7.9	7.4	
170	5.4	6.6	7.2	6.1	7.1	7.4	4.9	6.2	7.0	5.9	6.9	7.3	
190	3.0	4.0	4.5	3.7	4.7	5.2	2.5	3.6	4.3	3.4	4.5	5.1	
210					2.4	2.7					2.3	2.7	
230													
243													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

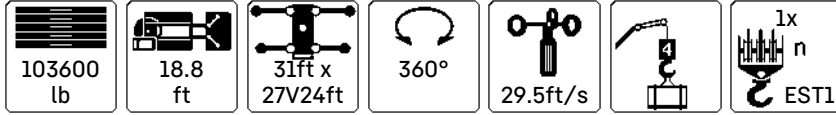
TVK: TV-23ft K-66ft



ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
13														
14														
16														
18														
20														
25														
30														
35														
40														
45	11.5			10.7			9.8							
50	11.4			10.6			9.7			9.9				
60	11.2			10.4			9.6			9.8				
70	11.0	9.6		10.2	9.3		9.5			9.7				
80	10.7	9.3		10.1	9.0		9.3	8.6		9.5	8.8			
90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5			
100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.2	8.3	7.5		
110	9.7	8.5	7.5	9.3	8.3	7.4	8.5	7.9	7.3	9.0	8.1	7.3		
120	9.4	8.3	7.4	9.0	8.1	7.3	8.2	7.5	7.2	8.8	7.9	7.3		
130	9.1	8.1	7.3	8.8	7.9	7.3	7.8	7.2	6.9	8.6	7.8	7.2		
140	8.6	7.9	7.3	8.5	7.7	7.2	7.4	6.9	6.7	8.1	7.6	7.1		
150	7.0	7.7	7.2	8.0	7.6	7.2	7.0	6.7	6.5	6.8	7.5	7.1		
170	4.3	5.7	6.8	5.5	6.7	7.1	6.2	6.1	6.1	4.3	5.6	6.6		
190		3.3	4.1	3.4	4.5	5.2	4.5	5.4	5.6		3.3	4.1		
210					2.5	3.1	2.7	3.6	4.1					
230														
243														

1%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

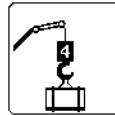
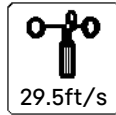
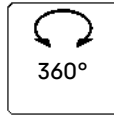
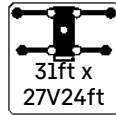
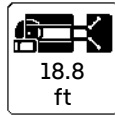
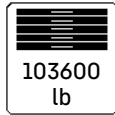
TVK: TV-23ft K-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2			6.9			
70	9.0			7.9			8.2			6.9			
80	8.8	8.4		7.7	7.4		8.2	7.9		6.9			
90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9		
100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9		
110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7	
120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4	
130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2	
140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5	5.9	5.9	5.9	
150	7.0	6.6	6.4	5.8	5.7	5.7	6.6	6.5	6.4	5.6	5.7	5.6	
170	5.5	6.1	6.1	5.1	5.2	5.2	4.3	5.6	6.0	4.8	5.1	5.2	
190	3.5	4.5	5.3	3.9	4.6	4.7	2.2	3.4	4.2	2.9	4.0	4.7	
210		2.6	3.2	2.2	3.1	3.7						2.8	
230													
243													

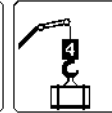
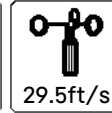
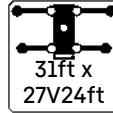
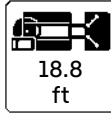
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



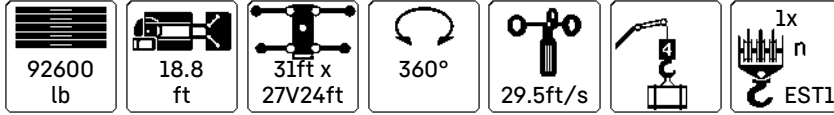
	ft	x1000lb														
		237.3	237.3	237.3	243.2	243.2	243.2	246.1								
	13															
	14															
	16															
	18															
	20															
	25															
	30															
	35															
	40															
	45															
	50															
	60	6.4			6.0					5.8						
	70	6.4			6.0					5.8						
	80	6.4			6.0					5.8						
	90	6.4	6.8		6.0	6.4				5.8						
	100	6.4	6.7		6.0	6.4				5.8						
	110	6.4	6.6	6.5	6.0	6.3	6.2			5.8						
	120	6.3	6.4	6.4	6.0	6.2	6.2			5.8						
	130	6.1	6.1	6.1	5.9	5.9	6.0			5.8						
	140	5.8	5.9	5.9	5.7	5.7	5.8			5.6						
	150	5.6	5.6	5.7	5.4	5.5	5.5			5.4						
	170	4.1	5.0	5.2	3.8	4.9	5.1			3.5						
	190		3.3	4.1		3.0	3.9									
	210															
	230															
	243															
	1	90+	90+	90+	90+	90+	90+	100+								
	2	90+	90+	90+	100+	100+	100+	100+								
	3	90+	90+	90+	100+	100+	100+	100+								
	4	100+	100+	100+	100+	100+	100+	100+								
	5	100+	100+	100+	100+	100+	100+	100+								
	6	100+	100+	100+	100+	100+	100+	100+								
	7	100+	100+	100+	100+	100+	100+	100+								
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0								

TVK: TV-23ft K-66ft



		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
	100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
	110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9
	120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7
	130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6
	140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5
	150				8.0	7.9	7.5	7.5	8.0	7.5	7.9	8.0	7.5
	170				6.2	7.0	7.4	4.7	5.9	6.5	5.2	6.3	6.9
	190				3.9	4.5	4.8	2.5	3.3	3.7	3.0	3.8	4.2
	210					2.4							
	230												
	242												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



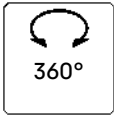
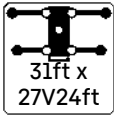
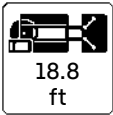
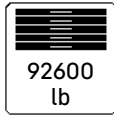
		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	10.9			13.0			12.4					
	45	10.8			13.0			12.3			10.3		
	50	10.7			12.8			12.2			10.3		
	60	10.6			12.5			11.9			10.1		
	70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1	
	80	10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8	
	90	9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6
	100	9.3	8.4	7.6	10.8	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5
	110	8.8	8.0	7.5	10.3	8.7	7.7	10.0	8.6	7.6	8.7	8.0	7.4
	120	8.3	7.7	7.3	9.9	8.5	7.6	9.6	8.4	7.5	8.3	7.6	7.2
	130	7.8	7.3	7.0	8.8	8.2	7.5	9.2	8.1	7.4	7.8	7.3	7.0
	140	7.4	7.0	6.8	7.1	8.1	7.4	8.2	8.0	7.3	7.4	7.0	6.7
	150	6.9	6.7	6.5	5.6	7.3	7.3	6.7	7.8	7.3	7.0	6.7	6.5
	170	6.1	6.0	6.1	2.9	4.4	5.4	4.2	5.4	6.4	6.1	6.1	6.1
	190	5.0	5.4	5.5			2.7		3.1	3.9	4.3	5.1	5.5
	210	3.2	3.8	4.1							2.4	3.2	3.6
	230			2.2									
	242												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
13													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.5			10.7			9.8						
50	11.4			10.6			9.7			9.9			
60	11.2			10.4			9.6			9.8			
70	11.0	9.6		10.2	9.3		9.5			9.7			
80	10.7	9.3		10.1	9.0		9.3	8.6		9.5	8.8		
90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5		
100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.2	8.3	7.5	
110	9.7	8.5	7.5	9.3	8.3	7.4	8.5	7.9	7.3	9.0	8.1	7.3	
120	9.4	8.3	7.4	9.0	8.1	7.3	8.2	7.5	7.2	8.8	7.9	7.3	
130	8.5	8.1	7.3	8.8	7.9	7.3	7.8	7.2	6.9	8.3	7.8	7.2	
140	6.8	7.8	7.3	8.0	7.7	7.2	7.4	6.9	6.7	6.7	7.6	7.1	
150	5.3	7.0	7.2	6.5	7.5	7.2	7.0	6.7	6.5	5.2	6.8	7.1	
170	2.8	4.2	5.3	4.1	5.3	6.3	5.2	6.1	6.1	2.8	4.2	5.2	
190			2.7		3.1	3.9	3.2	4.2	4.9				2.8
210								2.4	2.9				
230													
242													
1%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
1%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
0%	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



		x1000lb												
ft		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13														
14														
16														
18														
20														
25														
30														
35														
40														
45														
50		9.2			8.0			8.2						
60		9.1			8.0			8.2			6.9			
70		9.0			7.9			8.2			6.9			
80		8.8	8.4		7.7	7.4		8.2	7.9		6.9			
90		8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9		
100		8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9		
110		8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7	
120		8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4	
130		7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2	
140		7.3	6.9	6.6	6.1	6.0	6.0	6.5	6.8	6.5	5.9	5.9	5.9	
150		6.5	6.6	6.4	5.8	5.7	5.7	5.2	6.5	6.4	5.5	5.7	5.6	
170		4.1	5.3	6.0	4.6	5.2	5.2	2.9	4.2	5.3	3.5	4.7	5.2	
190			3.2	4.0	2.6	3.6	4.4			2.9		2.7	3.6	
210							2.5							
230														
242														
%		1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
%		2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%		3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%		4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%		5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%		6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%		7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°			0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

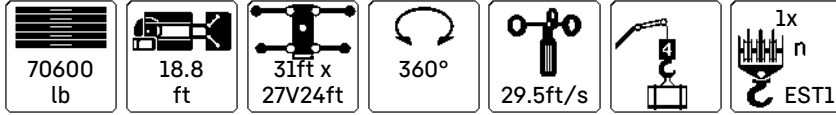
TVK: TV-23ft K-66ft



	ft	x1000lb									
		237.3	237.3	237.3	243.2	243.2	243.2	246.1			
	13										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50										
	60	6.4			6.0			5.8			
	70	6.4			6.0			5.8			
	80	6.4			6.0			5.8			
	90	6.4	6.8		6.0	6.4		5.8			
	100	6.4	6.7		6.0	6.4		5.8			
	110	6.4	6.6	6.5	6.0	6.3	6.2	5.8			
	120	6.3	6.4	6.4	6.0	6.2	6.2	5.8			
	130	6.1	6.1	6.1	5.9	5.9	6.0	5.8			
	140	5.8	5.9	5.9	5.7	5.7	5.8	5.4			
	150	5.0	5.6	5.7	4.6	5.5	5.5	4.3			
	170	2.6	4.0	5.0		3.7	4.8				
	190			2.8			2.5				
	210										
	230										
	242										

	%	1	90+	90+	90+	90+	90+	90+	100+					
	%	2	90+	90+	90+	100+	100+	100+	100+					
	%	3	90+	90+	90+	100+	100+	100+	100+					
	%	4	100+	100+	100+	100+	100+	100+	100+					
	%	5	100+	100+	100+	100+	100+	100+	100+					
	%	6	100+	100+	100+	100+	100+	100+	100+					
	%	7	100+	100+	100+	100+	100+	100+	100+					
	°		0.0	20.0	40.0	0.0	20.0	40.0	0.0					

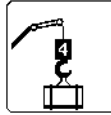
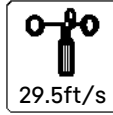
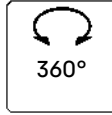
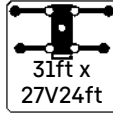
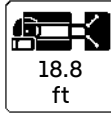
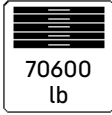
TVK: TV-23ft K-66ft



	x1000lb												
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
13	19.3												
14	19.3												
16	19.3												
18	19.3												
20	19.3												
25	19.3												
30	19.3				16.4			16.0			15.9		
35	18.6				16.4			16.0			15.9		
40	17.6	13.7			16.3			15.8			15.7		
45	16.5	12.9			16.2			15.6			15.5		
50	15.5	12.2			15.9			15.5			15.4		
60	13.7	10.9	9.0		15.3	11.7		15.0	11.6		14.9	11.6	
70	11.5	9.9	8.6		14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
80	9.7	9.2	8.2		13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
90	8.4	8.6	7.9		12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
100	7.5	8.2	7.8		11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
110	6.7	7.9	7.8		10.9	9.0	7.9	10.9	9.0	7.9	11.0	9.0	7.9
120	6.1	7.7			10.0	8.7	7.7	9.1	8.7	7.7	9.5	8.7	7.7
130					8.6	8.4	7.6	7.3	8.4	7.6	7.7	8.4	7.6
140					7.0	8.1	7.6	5.6	7.2	7.5	6.1	7.5	7.5
150					5.7	6.7	7.4	4.1	5.6	6.6	4.7	6.0	6.9
170					3.1	4.1	4.7		2.9	3.6		3.3	4.1
190													
210													
215													

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



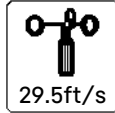
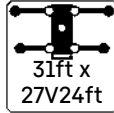
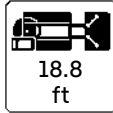
		x1000lb											
ft	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
13													
14													
16													
18													
20													
25													
30													
35		15.2			14.9								
40		15.1			14.9			14.2			13.8		
45		14.9			14.7			14.1			13.7		
50		14.8			14.6			13.9			13.6		
60		14.4	11.4		14.2	11.3		13.6			13.3		
70		13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4	
80		13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3
90		12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1
100		11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9
110		10.2	9.0	7.8	10.7	9.0	7.8	9.4	8.9	7.8	10.3	8.8	7.7
120		8.0	8.7	7.7	8.9	8.7	7.7	7.3	8.6	7.6	8.3	8.6	7.6
130		6.1	8.2	7.6	7.0	8.3	7.6	5.4	7.5	7.5	6.5	8.1	7.5
140		4.4	6.3	7.5	5.3	7.0	7.5	3.7	5.7	7.2	4.8	6.6	7.4
150		2.9	4.6	5.9	3.9	5.4	6.6		4.0	5.4	3.4	5.0	6.3
170				2.8		2.7	3.6			2.2			3.3
190													
210													
215													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



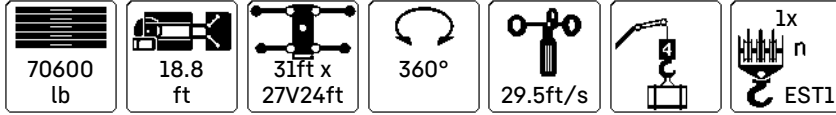
		x1000lb											
		x1000lb											
ft		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
13													
14													
16													
18													
20													
25													
30													
35													
40		10.9			13.0			12.4					
45		10.8			13.0			12.3			10.3		
50		10.7			12.8			12.2			10.3		
60		10.6			12.5			11.9			10.1		
70		10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1	
80		10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8	
90		9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6
100		9.3	8.4	7.6	10.6	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5
110		8.8	8.0	7.5	8.8	8.7	7.7	9.6	8.6	7.6	8.7	8.0	7.4
120		8.3	7.7	7.3	6.8	8.3	7.6	7.9	8.4	7.5	8.3	7.6	7.2
130		7.8	7.3	7.0	5.0	7.0	7.5	6.1	7.7	7.4	7.8	7.3	7.0
140		7.4	7.0	6.8	3.3	5.3	6.8	4.6	6.3	7.2	6.8	7.0	6.7
150		6.4	6.7	6.5		3.7	5.1	3.2	4.9	6.1	5.5	6.7	6.5
170		4.3	5.2	5.8						3.3	3.3	4.4	5.2
190		2.3	3.2	3.7								2.4	3.1
210													
215													
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
1%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
1%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
1%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
0%	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.5			10.7			9.8					
	50	11.4			10.6			9.7		9.9			
	60	11.2			10.4			9.6		9.8			
	70	11.0	9.6		10.2	9.3		9.5		9.7			
	80	10.7	9.3		10.1	9.0		9.3	8.6	9.5	8.8		
	90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5	
	100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.1	8.3	7.5
	110	8.4	8.5	7.5	9.1	8.3	7.4	8.5	7.9	7.3	8.1	8.1	7.3
	120	6.4	8.3	7.4	7.6	8.1	7.3	8.2	7.5	7.2	6.2	7.7	7.3
	130	4.7	6.7	7.3	5.9	7.7	7.3	7.0	7.2	6.9	4.6	6.5	7.2
	140	3.2	5.1	6.5	4.5	6.1	7.1	5.6	6.9	6.7	3.1	4.9	6.4
	150		3.6	5.0	3.1	4.7	6.0	4.3	5.8	6.5		3.6	4.9
	170						3.3		3.4	4.3			
	190												
	210												
	215												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



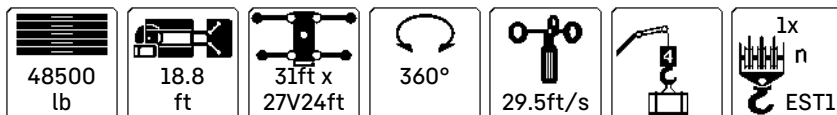
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2				6.9		
70	9.0			7.9			8.2				6.9		
80	8.8	8.4		7.7	7.4		8.2	7.9			6.9		
90	8.7	8.2		7.5	7.4		8.1	7.9			6.9	6.9	
100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2		6.9	6.9	
110	8.3	7.7	7.2	7.0	6.9	6.9	7.5	7.6	7.1		6.7	6.7	6.7
120	7.5	7.4	7.1	6.7	6.6	6.5	6.1	7.3	7.0		6.2	6.4	6.4
130	5.9	7.1	6.9	6.3	6.3	6.2	4.5	6.3	6.7		5.2	6.2	6.2
140	4.5	6.1	6.6	4.9	5.9	6.0	3.1	4.9	6.2		3.8	5.4	5.9
150	3.2	4.7	6.0	3.7	5.1	5.7		3.6	4.9		2.5	4.1	5.3
170		2.3	3.4		2.8	3.8			2.2				2.9
190													
210													
215													
1%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
3%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
4%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
5%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
6%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
7%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



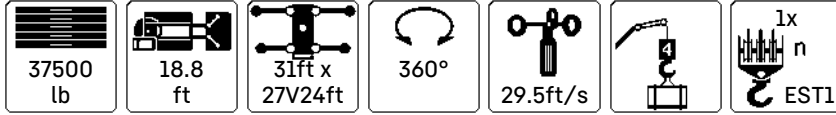
		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	11.4	9.8	8.2	11.9	9.8	8.2
	100	7.5	8.2	7.8	10.7	9.4	8.0	8.7	9.4	8.0	9.3	9.4	8.0
	110	6.7	7.9	7.8	8.4	9.0	7.9	6.4	8.8	7.9	7.0	8.9	7.9
	120	6.1	7.7		6.4	8.1	7.7	4.5	6.7	7.7	5.1	7.2	7.7
	130				4.7	6.4	7.4	2.7	4.8	6.4	3.4	5.3	6.9
	140				3.3	4.8	5.9		3.1	4.6		3.7	5.0
	150					3.4	4.4			2.9			3.4
	170												
	190												
	194												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2			6.9			
70	9.0			7.9			8.2			6.9			
80	8.8	8.4		7.7	7.4		8.2	7.9		6.9			
90	8.6	8.2		7.5	7.4		7.6	7.9		6.9	6.9		
100	6.9	8.0	7.3	7.2	7.2	7.1	5.5	7.7	7.2	6.0	6.9		
110	5.0	7.2	7.2	5.5	6.9	6.9	3.5	6.0	7.1	4.3	6.4	6.7	
120	3.4	5.5	7.0	3.9	5.8	6.5		4.2	6.1	2.6	4.8	6.3	
130		3.9	5.5	2.3	4.3	5.8		2.5	4.4		3.3	4.9	
140		2.4	4.0		2.9	4.3			2.8			3.4	
150			2.6			3.0							
170													
190													
194													
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft












	x1000lb												
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
13	19.3												
14	19.3												
16	19.3												
18	19.3												
20	19.3												
25	19.3												
30	19.3				16.4			16.0			15.9		
35	18.6				16.4			16.0			15.9		
40	17.6	13.7			16.3			15.8			15.7		
45	16.5	12.9			16.2			15.6			15.5		
50	15.5	12.2			15.9			15.5			15.4		
60	13.7	10.9	9.0		15.3	11.7		15.0	11.6		14.9	11.6	
70	11.5	9.9	8.6		14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
80	9.7	9.2	8.2		13.2	10.3	8.5	11.5	10.3	8.5	12.1	10.2	8.5
90	8.4	8.6	7.9		10.4	9.8	8.3	8.4	9.8	8.2	9.0	9.8	8.2
100	7.5	8.2	7.8		7.8	9.4	8.0	5.9	8.6	8.0	6.5	8.9	8.0
110	6.7	7.9	7.8		5.8	7.9	7.9	3.7	6.3	7.7	4.4	6.8	7.8
120	6.1	7.7			4.0	6.0	7.3		4.3	6.2	2.3	4.8	6.6
130						4.2	5.6		2.3	4.2		3.1	4.7
140						2.6	3.9			2.2			2.9
150													
170													
183													

1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

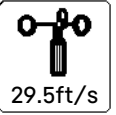
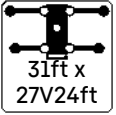
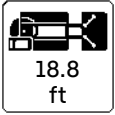
TVK: TV-23ft K-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
13													
14													
16													
18													
20													
25													
30													
35		15.2			14.9								
40		15.1			14.9			14.2			13.8		
45		14.9			14.7			14.1			13.7		
50		14.8			14.6			13.9			13.6		
60		14.4	11.4		14.2	11.3		13.6			13.3		
70		13.5	10.8		13.6	10.7		12.6	10.5		12.8	10.4	
80		10.1	10.2	8.4	11.0	10.1	8.4	9.2	10.0	8.3	10.3	9.9	8.3
90		7.2	9.7	8.2	8.0	9.7	8.2	6.3	9.5	8.1	7.5	9.5	8.1
100		4.7	7.7	8.0	5.6	8.4	8.0	3.7	7.0	7.9	5.1	7.9	7.9
110		2.3	5.3	7.5	3.4	6.1	7.8		4.7	7.0	2.7	5.6	7.7
120			3.2	5.3		4.1	6.0			4.7		3.7	5.6
130				3.3			4.0			2.6			3.7
140													
150													
170													
183													

	%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

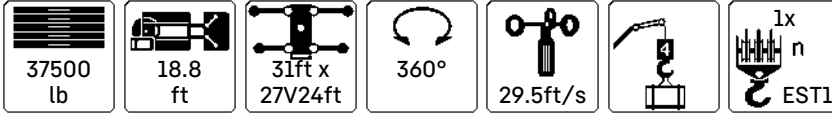
TVK: TV-23ft K-66ft



ft	x1000lb											
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
13												
14												
16												
18												
20												
25												
30												
35												
40												
45	11.5			10.7			9.8					
50	11.4			10.6			9.7			9.9		
60	11.2			10.4			9.6			9.8		
70	11.0	9.6		10.2	9.3		9.5			9.6		
80	8.0	9.3		9.2	9.0		9.3	8.6		7.6	8.8	
90	5.5	8.5	7.8	6.7	8.7	7.7	7.9	8.4	7.5	5.2	8.1	
100	3.0	6.1	7.7	4.7	7.1	7.6	5.8	8.0	7.4		5.8	7.5
110		4.1	6.2	2.5	5.2	7.1	4.1	6.2	7.3		3.9	6.0
120			4.3		3.4	5.2		4.5	6.1			4.1
130						3.5		3.0	4.5			2.3
140									3.0			
150												
170												
183												

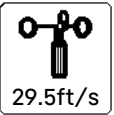
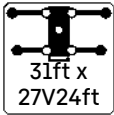
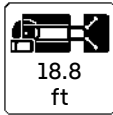
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



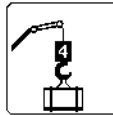
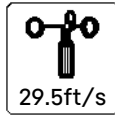
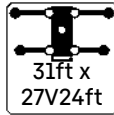
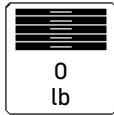
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2			6.9			
70	9.0			7.9			8.2			6.9			
80	8.6	8.4		7.7	7.4		7.3	7.9		6.9			
90	6.5	8.2		6.9	7.4		5.0	7.7		5.6	6.9		
100	4.5	6.9	7.3	4.9	7.1	7.1	2.7	5.7	7.2	3.6	6.2		
110		5.0	6.9	3.1	5.4	6.8		3.8	5.9		4.3	6.3	
120		3.3	5.1		3.8	5.5			4.1		2.5	4.5	
130			3.5			3.9			2.2			2.9	
140						2.3							
150													
170													
183													
1%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
3%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
4%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
5%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
6%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
7%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-23ft K-66ft



	ft	x1000lb												
		237.3	237.3	237.3	243.2	243.2	243.2	246.1						
13														
14														
16														
18														
20														
25														
30														
35														
40														
45														
50														
60		6.4			6.0					5.8				
70		6.4			6.0					5.8				
80		6.4			6.0					5.6				
90		4.6	6.7		4.1	6.4				3.7				
100			5.3			4.9								
110			3.5	5.5		3.0	5.2							
120				3.8			3.5							
130														
140														
150														
170														
183														
	1	90+	90+	90+	90+	90+	90+	100+						
	2	90+	90+	90+	100+	100+	100+	100+						
	3	90+	90+	90+	100+	100+	100+	100+						
	4	100+	100+	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+	100+	100+						
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0						

TVK: TV-23ft K-66ft



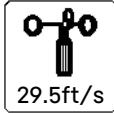
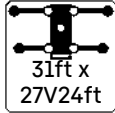
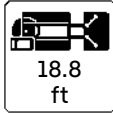
		x1000lb									
	ft										
	13	19.3									
	14	19.3									
	15	19.3									
	16	19.3									
	17	19.3									
	18	19.3									
	19	19.3									
	20	19.3									
	22	19.3									
	24	19.3									
	26	19.3									
	28	19.3									
	30	19.3									
	32	19.1									
	34	18.8									
	36	18.4	14.3								
	38	18.0	14.0								
	40	17.6	13.7								
	45	16.5	12.9								
	50	15.5	12.2								
	55	14.6	11.5	9.3							
	60	13.7	10.9	9.0							
	65	12.6	10.4	8.8							
	70	11.5	9.9	8.6							
	75	10.5	9.5	8.3							
	80	9.3	9.2	8.2							
	85	8.1	8.9	8.0							
	90	7.1	8.3	7.9							
	95	6.3	7.3	7.8							
	100	5.5	6.4	7.1							
	105	4.8	5.6	6.2							
	110	4.2	4.9	5.3							
	115	3.5	4.1	4.4							
	120	2.9	3.4								
	125	2.6									
	1	0+	0+	0+							
	2	0+	0+	0+							
	3	0+	0+	0+							
	4	0+	0+	0+							
	5	0+	0+	0+							
	6	0+	0+	0+							
	7	0+	0+	0+							
	°	0.0	20.0	40.0							

TVK: TV-46ft K-38ft



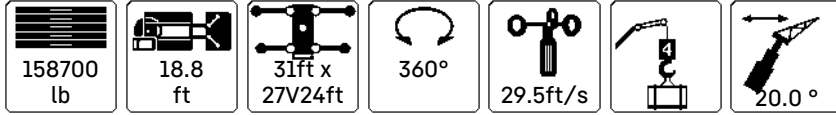
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	20	42.5											
	25	38.5											
	30	34.8	28.5										
	35	31.5	27.5	25.9	25.6	23.9	21.8						
	40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
	45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
	50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
	60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
	70	14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9
	80	12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3
	90	10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7
	100	9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1
	110	8.1	13.3	13.6	13.5	13.6	13.2	12.9	12.5	8.7	12.0	11.4	8.6
	120	7.4	12.1	12.4	12.3	12.5	12.3	12.1	11.8	8.1	11.4	10.8	8.1
	130		11.0	11.3	11.2	11.4	11.4	11.3	11.0	7.6	10.8	10.3	7.6
	140		10.1	10.4	10.3	10.6	10.6	10.6	10.3	7.1	10.2	9.8	7.1
	150		9.4	9.7	9.6	9.8	9.9	10.0	9.7	6.6	9.7	9.3	6.7
	170		8.3	8.6	8.5	8.8	8.8	8.9	8.8	5.8	8.8	8.3	5.9
	190		7.5	7.7	7.7	7.9	8.0	8.1	7.8	5.1	8.0	7.1	5.2
	210		5.2	6.9	7.1	6.1	7.0	5.8	6.6	4.4	5.6	6.0	4.6
	230					3.8	4.5	3.7	4.6	4.0	3.5	4.6	4.1
	250									3.2		2.9	3.7
	269												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
20													
25													
30													
35													
40													
45	14.2	12.9	11.3										
50	14.0	12.7	11.1	11.6	10.3								
60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9		
70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9		
80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8		
90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6		
100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4		
110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1		
120	10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9		
130	10.0	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7		
140	9.6	8.3	7.1	8.2	7.1	5.8	7.0	5.7	5.6	5.5	5.4		
150	9.2	7.9	6.7	7.8	6.7	5.5	6.6	5.4	5.3	5.2	5.1		
170	8.3	7.0	5.9	7.0	6.0	4.9	5.9	4.8	4.8	4.6	4.6		
190	7.2	6.3	5.3	6.3	5.3	4.0	5.3	4.1	4.3	3.9	3.9		
210	5.6	5.5	4.7	5.6	4.8	3.1	4.8	3.2	3.8	3.2	3.0		
230	3.5	4.6	4.1	3.7	4.3		4.0	2.4	3.4	2.4			
250		3.0	3.2		3.3		2.2		2.3				
269			2.4										
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVK: TV-46ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
20													
25													
30													
35	28.8												
40	25.7												
45	22.9	22.8											
50	20.6	21.8	21.0	20.8	20.0	18.8							
60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1	
70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3	
80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7	
90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1	
100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7	
110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2	
120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8	
130		10.2	10.4	10.4	10.5	10.6	10.5	10.2	7.4	10.1	9.8	7.4	
140		9.5	9.7	9.7	9.8	9.9	9.9	9.7	7.0	9.6	9.3	7.0	
150		8.9	9.2	9.1	9.3	9.3	9.4	9.2	6.6	9.2	8.9	6.6	
170		8.0	8.2	8.2	8.3	8.4	8.5	8.4	5.8	8.4	8.2	5.9	
190		7.3	7.5	7.5	7.7	7.7	7.8	7.7	5.1	7.7	7.2	5.2	
210			7.0	7.0	6.4	7.2	6.2	6.8	4.5	6.1	6.1	4.6	
230							3.9	4.9	4.0	3.8	4.9	4.1	
250											3.1	3.7	
269													

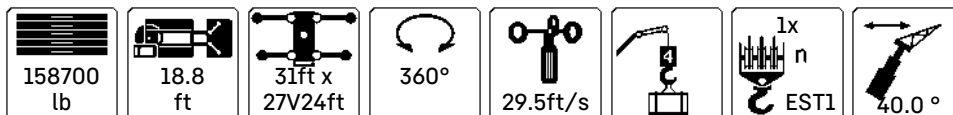
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









TVK: TV-46ft K-38ft



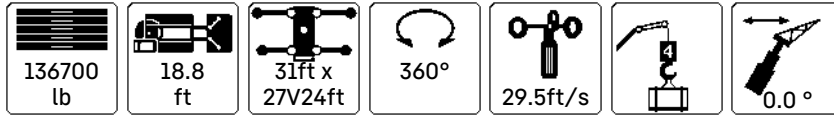
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
20													
25													
30													
35													
40													
45													
50													
60	13.1	12.0											
70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7					
80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9			
90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7			
100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5			
110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2			
120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0			
130	9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8			
140	9.2	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5			
150	8.8	7.8	6.6	7.7	6.6	5.5	6.5	5.4	5.4	5.2			
170	8.1	6.9	5.9	6.9	5.9	4.9	5.9	4.8	4.8	4.7			
190	7.3	6.2	5.3	6.3	5.3	4.2	5.3	4.2	4.3	4.1			
210	6.1	5.6	4.7	5.6	4.8	3.3	4.8	3.4	3.8	3.4			
230	3.9	4.7	4.2	4.1	4.3	2.4	4.3	2.6	3.4	2.6			
250		3.3	3.3	2.3	3.5		2.6		2.7				
269													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-46ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	20												
	25												
	30												
	35												
	40	23.0											
	45	21.4											
	50	19.4											
	60	16.1	17.9	17.8	17.6	17.2	16.5						
	70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9
	80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4
	90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9
	100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4
	110	8.1	11.4	11.5	11.4	11.5	11.5	11.4	11.1	8.0	11.0	10.5	8.0
	120		10.5	10.7	10.6	10.7	10.7	10.7	10.4	7.6	10.3	10.0	7.6
	130		9.8	10.0	9.9	10.1	10.1	10.1	9.9	7.3	9.8	9.5	7.2
	140		9.3	9.4	9.4	9.5	9.6	9.6	9.4	6.9	9.3	9.1	6.9
	150		8.8	8.9	8.9	9.0	9.1	9.1	9.0	6.5	9.0	8.7	6.6
	170		8.0	8.2	8.1	8.3	8.3	8.4	8.3	5.8	8.3	8.1	5.9
	190		7.5	7.6	7.6	7.7	7.8	7.8	7.7	5.1	7.7	7.3	5.2
	210			7.2	7.2	6.5	7.3	6.4	6.9	4.5	6.3	6.2	4.7
	230							4.0	4.9	4.0	3.9	5.0	4.2
	250												
	269												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

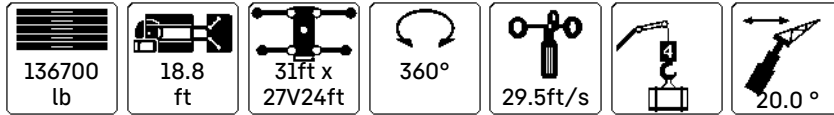
TVK: TV-46ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13	46.1												
14	46.1												
16	45.5												
18	44.1												
20	42.5												
25	38.5												
30	34.8	28.5											
35	31.5	27.5	25.9	25.6	23.9	21.8							
40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1			
45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2	
50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0	
60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6	
70	14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9	
80	12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3	
90	10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7	
100	9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1	
110	8.1	13.3	13.6	13.5	13.6	13.2	12.9	12.5	8.7	12.0	11.4	8.6	
120	7.4	12.1	12.4	12.3	12.5	12.3	12.1	11.8	8.1	11.4	10.8	8.1	
130		11.0	11.3	11.2	11.4	11.4	11.3	11.0	7.6	10.8	10.3	7.6	
140		10.1	10.4	10.3	10.6	10.6	10.6	10.3	7.1	10.2	9.8	7.1	
150		9.4	9.7	9.6	9.8	9.9	10.0	9.7	6.6	9.7	9.3	6.7	
170		8.3	8.6	8.5	8.5	8.8	8.4	8.8	5.8	8.2	8.3	5.9	
190		7.5	6.8	7.3	5.9	6.9	5.7	6.6	5.1	5.5	6.6	5.2	
210		5.2	4.5	5.0	3.6	4.6	3.4	4.3	4.4	3.2	4.3	4.6	
230						2.8		2.5	4.0		2.4	4.1	
250									3.2			3.1	
261												2.4	

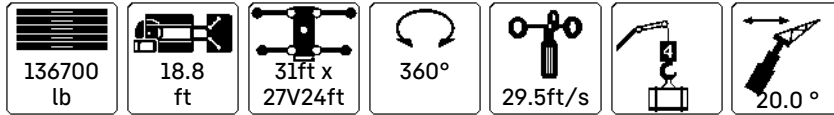
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13													
14													
16													
18													
20													
25													
30	31.7												
35	28.8												
40	25.7												
45	22.9	22.8											
50	20.6	21.8	21.0	20.8	20.0	18.8							
60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1	
70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3	
80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7	
90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1	
100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7	
110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2	
120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8	
130		10.2	10.4	10.4	10.5	10.6	10.5	10.2	7.4	10.1	9.8	7.4	
140		9.5	9.7	9.7	9.8	9.9	9.9	9.7	7.0	9.6	9.3	7.0	
150		8.9	9.2	9.1	9.3	9.3	9.4	9.2	6.6	9.2	8.9	6.6	
170		8.0	8.2	8.2	8.3	8.4	8.5	8.4	5.8	8.4	8.2	5.9	
190		7.3	7.2	7.5	6.5	7.4	6.3	7.1	5.1	6.1	7.1	5.2	
210			4.8	5.3	4.0	4.9	3.8	4.7	4.5	3.7	4.8	4.6	
230								2.7	4.0		2.7	4.1	
250												3.2	
261													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	ft												
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	13.1	12.0										
	70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
	80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9		
	90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7		
	100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5		
	110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2		
	120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0		
	130	9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8		
	140	9.2	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5		
	150	8.8	7.8	6.6	7.7	6.6	5.5	6.5	5.4	5.4	5.2		
	170	8.1	6.9	5.9	6.9	5.9	4.9	5.9	4.8	4.8	4.7		
	190	6.1	6.2	5.3	6.0	5.3	4.2	5.3	4.2	4.3	4.1		
	210	3.8	5.0	4.7	3.9	4.8	3.3	4.0	3.4	3.8	3.4		
	230		2.9	4.0		3.2	2.4	2.2	2.6				
	250			2.4									
	261												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-46ft K-38ft

	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45	14.2	12.9	11.3								
	50	14.0	12.7	11.1	11.6	10.3						
	60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
	70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
	80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8
	90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6
	100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4
	110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1
	120	10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9
	130	10.0	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7
	140	9.4	8.3	7.1	8.2	7.1	5.8	7.0	5.7	5.6	5.5	5.4
	150	8.0	7.9	6.7	7.6	6.7	5.5	6.6	5.4	5.3	5.2	5.1
	170	5.2	6.4	5.9	5.1	6.0	4.9	5.1	4.8	4.6	4.6	4.3
	190	2.9	4.1	5.1	2.9	4.2	4.0	2.9	3.6	2.8	2.4	
	210			3.3		2.3	2.8					
	230											
	245											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



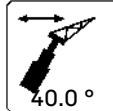
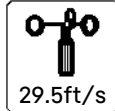
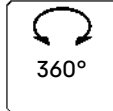
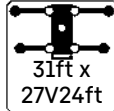
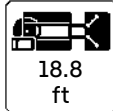
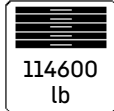
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
	80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7
	90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1
	100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7
	110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2
	120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8
	130		10.2	10.4	10.4	10.5	10.6	10.5	10.2	7.4	10.1	9.8	7.4
	140		9.5	9.7	9.7	9.8	9.9	9.9	9.7	7.0	9.6	9.3	7.0
	150		8.9	9.2	9.1	9.2	9.3	9.2	9.2	6.6	9.0	8.9	6.6
	170		8.0	7.3	7.7	6.6	7.4	6.5	7.2	5.8	6.1	7.2	5.9
	190		6.0	4.6	5.1	3.9	4.8	3.7	4.6	5.1	3.6	4.7	5.2
	210			2.5	2.9		2.6		2.4	4.5		2.4	4.5
	230									3.5			2.8
	245												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









TVK: TV-46ft K-38ft



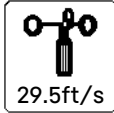
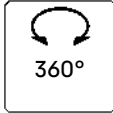
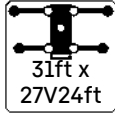
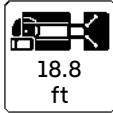
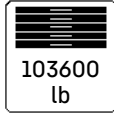
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		13.1	12.0										
70		12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
80		12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9		
90		11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7		
100		10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5		
110		10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2		
120		10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0		
130		9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8		
140		9.2	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5		
150		8.6	7.8	6.6	7.7	6.6	5.5	6.5	5.4	5.4	5.2		
170		5.9	6.9	5.9	5.8	5.9	4.9	5.8	4.8	4.8	4.7		
190		3.5	4.7	5.3	3.5	4.8	4.2	3.6	4.1	3.4	3.1		
210			2.7	3.8		2.8	3.3		2.4				
230													
245													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-46ft K-38ft



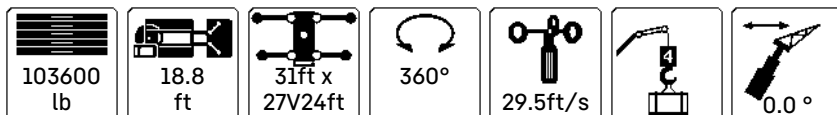
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
13											
14											
16											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70	12.2										
80	11.7	10.8	9.1	10.2	8.9	7.9	8.5				
90	11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	
100	10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6	
110	10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3	
120	9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1	
130	9.3	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8	
140	9.0	8.2	6.8	8.1	6.8	5.8	6.7	5.8	5.7	5.6	
150	8.6	7.7	6.5	7.7	6.5	5.5	6.4	5.5	5.4	5.3	
170	6.5	7.0	5.9	6.4	5.9	4.9	5.9	4.9	4.9	4.8	
190	3.9	5.1	5.3	3.9	5.1	4.3	4.0	4.3	3.9	3.6	
210		2.9	4.0		3.1	3.4		2.7			
230											
245											
 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
 n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



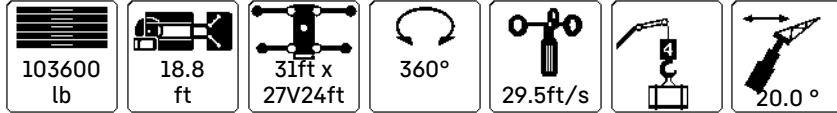
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13		46.1											
14		46.1											
16		45.5											
18		44.1											
20		42.5											
25		38.5											
30		34.8	28.5										
35		31.5	27.5	25.9	25.6	23.9	21.8						
40		28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
45		25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
50		22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
60		17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
70		14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9
80		12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3
90		10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7
100		9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1
110		8.1	13.3	13.6	13.5	13.6	13.2	12.9	12.5	8.7	12.0	11.4	8.6
120		7.4	12.1	12.4	12.3	12.5	12.3	12.1	11.8	8.1	11.4	10.8	8.1
130			11.0	11.3	11.2	10.9	11.4	10.7	11.0	7.6	10.1	10.3	7.6
140			10.1	9.7	10.1	9.0	9.8	8.8	9.6	7.1	8.2	9.4	7.1
150			9.3	8.1	8.5	7.4	8.2	7.1	8.0	6.6	6.6	7.7	6.7
170			6.7	5.2	5.7	4.4	5.4	4.2	5.2	5.8	3.8	5.0	5.9
190			4.3	2.8	3.3		2.9		2.7	5.1		2.7	4.9
210			2.6							3.7			3.0
230													
237													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



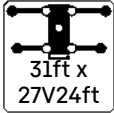
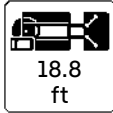
		x1000lb										
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
13												
14												
16												
18												
20												
25												
30												
35												
40												
45		14.2	12.9	11.3								
50		14.0	12.7	11.1	11.6	10.3						
60		13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
70		13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
80		12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8
90		11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6
100		11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4
110		10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1
120		10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9
130		9.8	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7
140		7.9	8.3	7.1	7.7	7.1	5.8	7.0	5.7	5.6	5.5	5.4
150		6.3	7.5	6.7	6.2	6.7	5.5	6.1	5.4	5.3	5.1	5.1
170		3.6	4.8	5.9	3.6	4.9	4.9	3.6	4.3	3.5	3.1	2.8
190			2.7	3.9		2.8	3.3		2.3			
210												
230												
237												
1%		90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
2%		90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
3%		90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
4%		90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
5%		90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
6%		45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
7%		45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
EST1		1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



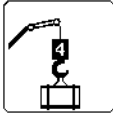
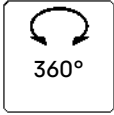
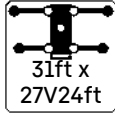
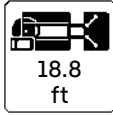
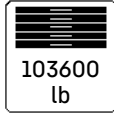
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13													
14													
16													
18													
20													
25													
30	31.7												
35	28.8												
40	25.7												
45	22.9	22.8											
50	20.6	21.8	21.0	20.8	20.0	18.8							
60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1	
70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3	
80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7	
90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1	
100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7	
110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2	
120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8	
130		10.2	10.4	10.4	10.5	10.6	10.5	10.2	7.4	10.1	9.8	7.4	
140		9.5	9.7	9.7	9.8	9.9	9.6	9.7	7.0	9.3	9.3	7.0	
150		8.9	8.7	9.0	8.1	8.9	7.9	8.7	6.6	7.5	8.6	6.6	
170		7.1	5.9	6.3	5.1	6.1	4.9	5.9	5.8	4.6	5.7	5.9	
190		4.6	3.3	3.8	2.5	3.5	2.3	3.3	5.1		3.3	5.2	
210									4.0			3.4	
230									2.4				
237													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



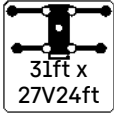
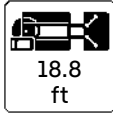
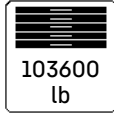
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
13											
14											
16											
18											
20											
25											
30											
35											
40											
45											
50											
60	13.1	12.0									
70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7			
80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9	
90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7	
100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5	
110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2	
120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0	
130	9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8	
140	8.9	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5	
150	7.2	7.8	6.6	7.1	6.6	5.5	6.5	5.4	5.4	5.2	
170	4.4	5.6	5.9	4.3	5.6	4.9	4.4	4.8	4.2	3.9	
190		3.3	4.4		3.4	3.9		2.9			
210			2.5								
230											
237											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



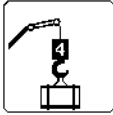
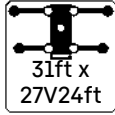
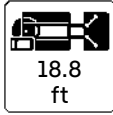
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13													
14													
16													
18													
20													
25													
30													
35	24.1												
40	23.0												
45	21.4												
50	19.4												
60	16.1	17.9	17.8	17.6	17.2	16.5							
70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9	
80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4	
90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9	
100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4	
110	8.1	11.4	11.5	11.4	11.5	11.5	11.4	11.1	8.0	11.0	10.5	8.0	
120		10.5	10.7	10.6	10.7	10.7	10.7	10.4	7.6	10.3	10.0	7.6	
130		9.8	10.0	9.9	10.1	10.1	10.1	9.9	7.3	9.8	9.5	7.2	
140		9.3	9.4	9.4	9.5	9.6	9.6	9.4	6.9	9.3	9.1	6.9	
150		8.8	8.9	8.9	8.6	9.1	8.5	8.9	6.5	8.2	8.7	6.6	
170		7.4	6.2	6.6	5.5	6.4	5.5	6.3	5.8	5.1	6.2	5.9	
190		4.7	3.5	3.9	2.8	3.7	2.7	3.6	5.1	2.5	3.7	5.2	
210									4.2			3.6	
230									2.4				
237													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
13											
14											
16											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70	12.2										
80	11.7	10.8	9.1	10.2	8.9	7.9	8.5				
90	11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	
100	10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6	
110	10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3	
120	9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1	
130	9.3	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8	
140	9.0	8.2	6.8	8.1	6.8	5.8	6.7	5.8	5.7	5.6	
150	7.9	7.7	6.5	7.7	6.5	5.5	6.4	5.5	5.4	5.3	
170	5.0	6.1	5.9	4.9	5.8	4.9	5.0	4.9	4.7	4.4	
190	2.5	3.7	4.8	2.6	3.8	4.2	2.7	3.3	2.5		
210			2.8			2.3					
230											
237											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



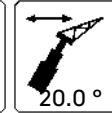
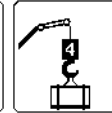
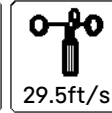
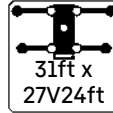
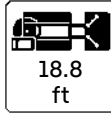
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13	46.1												
14	46.1												
16	45.5												
18	44.1												
20	42.5												
25	38.5												
30	34.8	28.5											
35	31.5	27.5	25.9	25.6	23.9	21.8							
40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1			
45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2	
50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0	
60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6	
70	14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9	
80	12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3	
90	10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7	
100	9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1	
110	8.1	13.3	13.6	13.5	13.6	13.2	12.8	12.5	8.7	12.0	11.4	8.6	
120	7.4	12.1	12.2	12.3	11.4	12.1	10.9	11.5	8.1	10.3	10.8	8.1	
130		11.0	10.0	10.4	9.2	10.1	8.8	9.7	7.6	8.2	9.3	7.6	
140		9.4	8.2	8.5	7.3	8.3	6.9	7.9	7.1	6.4	7.6	7.1	
150		7.9	6.6	7.0	5.6	6.7	5.3	6.3	6.6	4.9	6.0	6.7	
170		5.2	3.7	4.2	2.9	3.9	2.4	3.6	5.8		3.4	5.7	
190		3.0							4.3			3.6	
210									2.5				
230													
231													
<hr/>													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



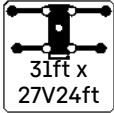
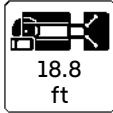
		x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
ft	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45	14.2	12.9	11.3								
	50	14.0	12.7	11.1	11.6	10.3						
	60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
	70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
	80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8
	90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6
	100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4
	110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1
	120	9.8	9.4	8.0	9.0	7.9	6.5	7.7	6.3	6.2	6.0	5.9
	130	7.9	8.8	7.5	7.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7
140	6.1	7.4	7.1	6.0	7.0	5.8	6.0	5.7	5.4	5.3	5.0	
150	4.6	5.9	6.7	4.5	5.9	5.5	4.5	5.1	4.3	4.0	3.7	
170		3.4	4.5		3.4	3.9		2.9				
190			2.6									
210												
230												
231												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



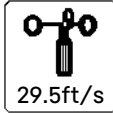
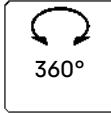
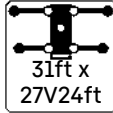
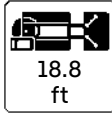
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13													
14													
16													
18													
20													
25													
30	31.7												
35	28.8												
40	25.7												
45	22.9	22.8											
50	20.6	21.8	21.0	20.8	20.0	18.8							
60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1	
70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3	
80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7	
90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1	
100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7	
110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2	
120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8	
130		10.2	10.4	10.4	10.1	10.5	9.9	10.2	7.4	9.3	9.8	7.4	
140		9.5	8.9	9.3	8.2	9.1	8.0	8.8	7.0	7.5	8.5	7.0	
150		8.4	7.3	7.7	6.6	7.4	6.3	7.2	6.6	5.8	6.9	6.6	
170		5.7	4.4	4.8	3.6	4.6	3.3	4.3	5.8	2.9	4.2	5.9	
190		3.3		2.4					4.8			4.1	
210									2.8				
230													
231													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TVK: TV-46ft K-38ft



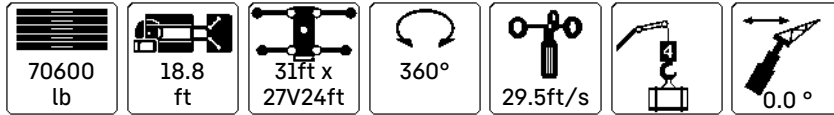
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	13.1	12.0										
	70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
	80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9		
	90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7		
	100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5		
	110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2		
	120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0		
	130	9.0	8.7	7.3	8.3	7.2	6.2	7.1	6.0	5.9	5.8		
	140	7.2	8.1	6.9	7.0	6.9	5.8	6.8	5.7	5.7	5.5		
	150	5.6	6.8	6.6	5.5	6.4	5.5	5.5	5.4	5.1	4.9		
	170	2.9	4.1	5.2	2.9	4.1	4.5	2.9	3.6	2.7	2.4		
	190			3.1			2.5						
	210												
	230												
	231												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-46ft K-38ft



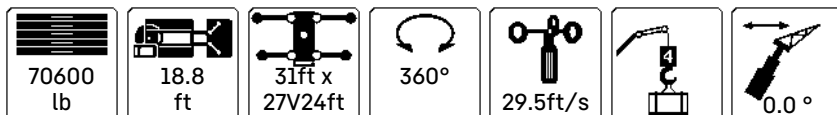
	ft	x1000lb									
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2
	13										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50										
	60										
	70	12.2									
	80	11.7	10.8	9.1	10.2	8.9	7.9	8.5			
	90	11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8
	100	10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6
	110	10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3
	120	9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1
	130	9.2	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8
	140	8.0	8.2	6.8	7.7	6.8	5.8	6.7	5.8	5.7	5.6
	150	6.3	7.3	6.5	6.2	6.5	5.5	6.1	5.5	5.4	5.2
	170	3.5	4.6	5.7	3.4	4.7	4.9	3.5	4.2	3.4	3.1
	190		2.3	3.4		2.5	2.9				
	210										
	230										
	231										
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13		46.1											
14		46.1											
16		45.5											
18		44.1											
20		42.5											
25		38.5											
30		34.8	28.5										
35		31.5	27.5	25.9	25.6	23.9	21.8						
40		28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
45		25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
50		22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
60		17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
70		14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9
80		12.3	18.1	17.9	17.8	17.2	16.3	15.6	15.0	10.6	14.2	13.3	10.3
90		10.4	16.3	16.3	16.2	15.0	15.1	14.0	14.1	9.8	13.1	12.6	9.7
100		9.1	14.7	13.2	13.7	11.9	13.0	11.2	12.2	9.2	10.5	11.5	9.1
110		8.1	12.1	10.4	10.9	9.1	10.4	8.7	9.7	8.7	8.1	9.2	8.6
120		7.4	9.5	8.1	8.6	6.8	8.1	6.5	7.6	8.1	6.0	7.2	8.1
130			7.7	6.1	6.7	4.9	6.2	4.6	5.7	7.6	4.2	5.4	7.6
140			6.2	4.4	5.0	3.2	4.5	2.8	4.0	7.1	2.3	3.8	6.2
150			4.7	2.9	3.5		3.0		2.4	5.8		2.2	4.8
170										3.6			2.6
190													
203													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

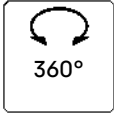
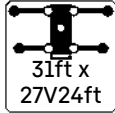
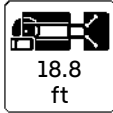
TVK: TV-46ft K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13												
14												
16												
18												
20												
25												
30												
35												
40												
45	14.2	12.9	11.3									
50	14.0	12.7	11.1	11.6	10.3							
60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9	
70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9	
80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8	
90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6	
100	10.0	10.5	8.9	9.4	8.7	7.2	8.3	6.9	6.8	6.5	6.4	
110	7.7	8.9	8.4	7.5	8.1	6.9	7.2	6.6	6.3	6.0	6.0	
120	5.7	7.0	8.0	5.5	6.9	6.5	5.5	5.9	5.2	4.8	4.5	
130	4.0	5.3	6.4	3.9	5.2	5.7	3.9	4.5	3.6	3.2	2.9	
140		3.8	5.0	2.2	3.8	4.3	2.2	3.1				
150		2.3	3.7		2.4	3.0						
170												
190												
203												

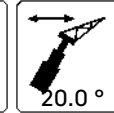
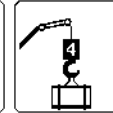
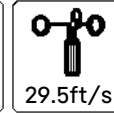
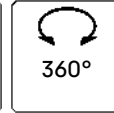
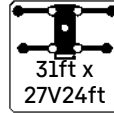
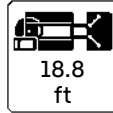
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
	80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7
	90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1
	100	9.0	13.2	13.4	13.3	13.0	13.2	12.5	12.5	8.7	11.8	11.4	8.7
	110	8.1	12.1	11.7	11.9	10.6	11.6	10.1	11.0	8.3	9.5	10.4	8.2
	120		10.5	9.2	9.6	8.2	9.4	7.8	8.8	7.8	7.3	8.4	7.8
	130		8.5	7.2	7.7	6.1	7.3	5.8	6.8	7.4	5.4	6.5	7.4
	140		6.8	5.4	5.9	4.3	5.5	4.0	5.1	7.0	3.6	4.9	7.0
	150		5.4	3.8	4.3	2.6	3.9	2.3	3.5	6.4		3.4	5.6
	170		2.7							4.2			3.3
	190												
	203												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



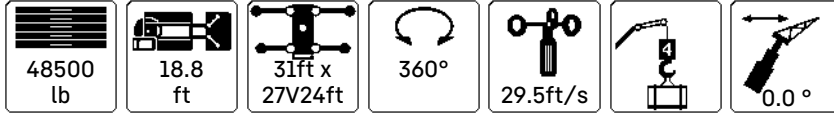
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		13.1	12.0										
70		12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
80		12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9		
90		11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7		
100		10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5		
110		9.1	9.7	8.0	8.8	7.9	6.8	7.7	6.6	6.5	6.2		
120		7.0	8.1	7.6	6.8	7.4	6.5	6.6	6.3	5.9	5.7		
130		5.1	6.3	7.2	5.0	6.3	6.1	5.0	5.4	4.7	4.4		
140		3.5	4.8	5.9	3.5	4.7	5.2	3.5	4.1	3.2	2.9		
150			3.4	4.5		3.4	3.9		2.7				
170													
190													
203													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		










TVK: TV-46ft K-38ft



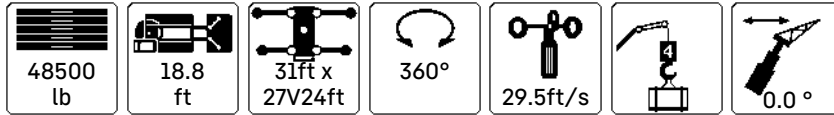
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	24.1											
	40	23.0											
	45	21.4											
	50	19.4											
	60	16.1	17.9	17.8	17.6	17.2	16.5						
	70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9
	80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4
	90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9
	100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4
	110	8.1	11.4	11.5	11.4	11.5	11.5	11.3	11.1	8.0	10.5	10.5	8.0
	120		10.5	10.0	10.4	9.2	10.2	8.9	9.7	7.6	8.4	9.2	7.6
	130		9.0	8.0	8.3	7.0	8.1	6.7	7.7	7.3	6.3	7.3	7.2
	140		7.3	6.1	6.6	5.1	6.2	4.8	5.8	6.9	4.5	5.6	6.9
	150		5.8	4.4	4.9	3.4	4.6	3.1	4.2	6.5	2.8	4.1	6.2
	170		3.0							4.5			3.7
	190									2.4			
	203												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13	46.1											
	14	46.1											
	16	45.5											
	18	44.1											
	20	42.5											
	25	38.5											
	30	34.8	28.5										
	35	31.5	27.5	25.9	25.6	23.9	21.8						
	40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
	45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
	50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
	60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
	70	14.7	19.9	18.2	18.7	16.6	17.4	15.6	15.9	11.4	14.5	14.0	10.9
	80	12.3	16.0	13.8	14.4	12.4	13.7	11.8	12.7	10.6	10.9	12.0	10.3
	90	10.4	12.4	10.3	10.9	9.0	10.4	8.6	9.7	9.8	8.0	9.1	9.7
	100	9.1	9.5	7.5	8.1	6.3	7.6	5.9	7.0	9.2	5.5	6.7	8.8
	110	8.1	7.2	5.2	5.8	4.0	5.3	3.6	4.8	8.1	3.0	4.6	7.0
	120	7.4	5.2	3.2	3.8		3.3		2.7	6.3		2.4	5.2
	130		3.6							4.8			3.8
	140									3.4			
	150												
	170												
	183												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
13												
14												
16												
18												
20												
25												
30												
35												
40												
45		14.2	12.9	11.3								
50		14.0	12.7	11.1	11.6	10.3						
60		13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
70		12.9	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
80		10.3	11.2	9.8	9.9	9.4	7.9	8.9	7.4	7.3	6.9	6.8
90		7.5	8.7	9.4	7.2	8.5	7.5	7.0	7.1	6.5	6.0	5.8
100		5.2	6.4	7.6	4.9	6.3	6.7	4.8	5.4	4.5	4.0	3.6
110		2.8	4.5	5.7		4.4	4.8	2.7	3.5			
120			2.4	4.0		2.6	3.2					
130				2.3								
140												
150												
170												
183												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft

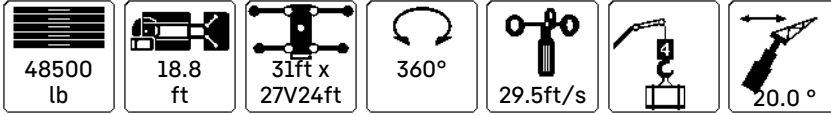


Table with columns for height (ft) and load capacity (x1000lb) for various heights from 13 to 183 ft.

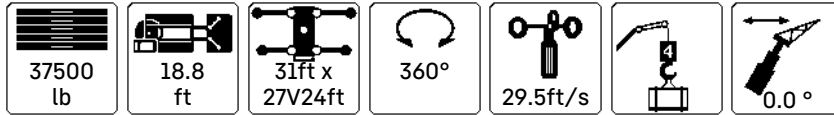
Table with columns for height (ft) and load capacity (x1000lb) for various heights from 1 to 7 ft, plus a section for EST1.

TVK: TV-46ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13													
14													
16													
18													
20													
25													
30													
35	24.1												
40	23.0												
45	21.4												
50	19.4												
60	16.1	17.9	17.8	17.6	17.2	16.5							
70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9	
80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4	
90	10.0	13.5	13.4	13.4	12.5	13.3	12.0	12.6	9.0	11.3	11.6	8.9	
100	9.0	12.0	10.4	10.9	9.4	10.5	9.0	9.9	8.5	8.5	9.4	8.4	
110	8.1	9.3	7.8	8.3	6.7	7.9	6.4	7.4	8.0	6.1	7.1	8.0	
120		7.2	5.5	6.0	4.5	5.7	4.3	5.3	7.6	4.0	5.1	7.0	
130		5.3	3.6	4.1	2.3	3.8		3.3	6.4		3.3	5.4	
140		3.6		2.2					4.9			4.0	
150									3.5			2.5	
170													
183													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13												
14												
16												
18												
20												
25												
30												
35												
40												
45	14.2	12.9	11.3									
50	14.0	12.7	11.1	11.6	10.3							
60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9	
70	10.5	11.6	10.3	10.0	9.8	8.2	9.2	7.6	7.5	7.1	6.9	
80	7.3	8.6	9.6	7.0	8.3	7.8	6.7	7.1	6.3	5.8	5.4	
90	4.8	6.1	7.3	4.5	5.9	6.3	4.3	5.0	3.9	3.2	2.8	
100		3.8	5.2		3.7	4.3		2.7				
110			3.2									
120												
130												
140												
150												
170												
172												

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

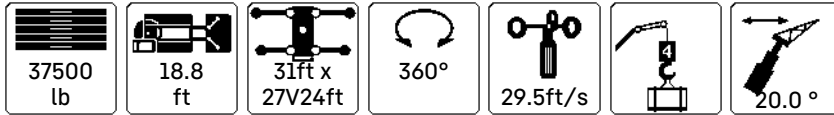
TVK: TV-46ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	16.7	17.2	15.3	16.1	14.5	14.8	10.6	13.4	13.4	10.3
	80	11.9	14.3	12.4	12.9	11.1	12.4	10.7	11.5	9.9	9.9	10.9	9.7
	90	10.2	10.9	9.0	9.6	7.8	9.1	7.5	8.5	9.3	7.0	8.0	9.1
	100	9.0	8.1	6.3	6.8	5.2	6.4	4.9	5.9	8.6	4.4	5.7	7.8
	110	8.1	5.8	4.0	4.6	2.6	4.2		3.7	6.8		3.4	5.8
	120		3.9		2.3					5.1			4.2
	130									3.6			2.4
	140												
	150												
	170												
	172												

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	ESTL	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-46ft K-38ft

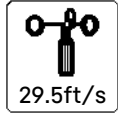
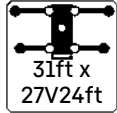
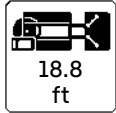
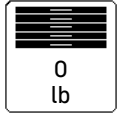


ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
56	13.1	12.0										
70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
80	9.3	10.4	9.4	8.9	9.1	7.8	8.4	7.4	7.2	6.9		
90	6.5	7.7	8.7	6.2	7.4	7.4	6.0	6.5	5.6	5.2		
100	4.2	5.4	6.5	3.9	5.3	5.6	3.8	4.5	3.4	2.8		
110		3.4	4.6		3.3	3.8		2.4				
120			2.8									
130												
140												
150												
170												
172												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	12.2												
80	11.0	10.8	9.1	10.1	8.9	7.9	8.5						
90	8.0	9.0	8.7	7.7	8.5	7.6	7.4	7.2	6.8	6.5			
100	5.6	6.6	7.6	5.3	6.4	6.8	5.2	5.7	4.8	4.4			
110	3.3	4.6	5.6	3.2	4.5	4.9		3.8	2.7				
120			3.9		2.6	3.1							
130													
140													
150													
170													
172													
1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+			
2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+			
EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x			

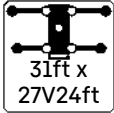
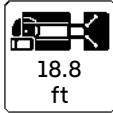
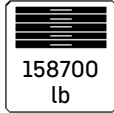
TVK: TV-46ft K-38ft



ft	x1000lb			
13	46.1			
14	46.1			
15	45.9			
16	45.5			
17	44.9			
18	44.1			
19	43.3			
20	42.5			
22	40.9			
24	39.3			
26	37.7	34.3		
28	36.2	33.0		
30	34.8	31.7		
32	33.4	30.6		
34	32.1	29.4		
36	30.9	28.2	23.9	
38	29.6	26.9	23.4	
40	28.3	25.7	23.0	
45	25.1	22.9	21.4	
50	22.2	20.6	19.4	
55	19.0	18.6	17.6	
60	16.3	16.9	16.1	
65	13.8	15.2	14.8	
70	11.5	12.9	13.6	
75	9.7	10.8	11.8	
80	8.4	9.3	9.9	
85	7.3	8.0	8.6	
90	6.3	6.9	7.4	
95	5.4	6.0	6.4	
100	4.6	5.2	5.4	
105	3.8	4.4	4.6	
110	3.0	3.5	3.5	
115	2.3	2.6	2.4	
117		2.3		

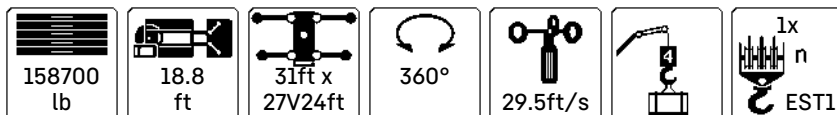
	1	0+	0+	0+								
	2	0+	0+	0+								
	3	0+	0+	0+								
	4	0+	0+	0+								
	5	0+	0+	0+								
	6	0+	0+	0+								
	7	0+	0+	0+								
	°	0.0	20.0	40.0								

TVK: TV-46ft K-66ft



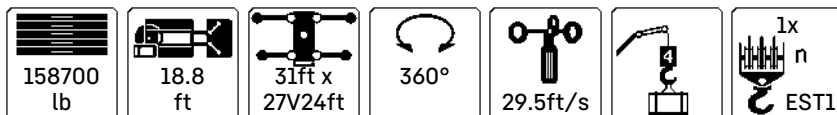
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	24												
	25												
	30												
	35												
	40	12.9			12.7								
	45	12.9			12.6			11.9			11.4		
	50	12.7			12.4			11.7			11.2		
	60	12.2			11.9			11.2			10.8		
	70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8	
	80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4	
	90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9
	100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7
	110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6
	120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5
	130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1
	140	7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8
	150	7.5	6.9	6.6	7.4	6.9	6.6	7.3	6.9	6.6	7.2	6.7	6.5
	170	6.7	6.2	6.0	6.6	6.2	6.0	6.6	6.2	6.0	6.5	6.1	6.0
	190	5.9	5.7	5.6	5.9	5.6	5.6	6.0	5.7	5.6	5.9	5.6	5.5
	210	5.4	5.2	5.2	5.3	5.1	5.2	5.4	5.2	5.2	5.4	5.1	5.2
	230	4.9	4.8	4.9	4.9	4.8	4.9	4.4	4.8	4.9	4.9	4.8	4.9
	250	3.2	3.6		3.9	4.2		2.7	3.2	3.3	3.6	4.0	4.1
	270												
	285												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



		x1000lb												
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
24														
25														
30														
35														
40														
45														
50		9.3			8.6									
60		9.0			8.4			7.6			7.6			
70		8.8			8.2			7.4			7.6			
80		8.6	8.4		8.0	7.8		7.3	7.0		7.5			
90		8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2		
100		8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8	
110		7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.7	
120		7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.5	
130		7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.2	
140		6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.0	
150		6.6	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	6.1	5.9	5.9	
170		6.1	5.9	5.8	5.7	5.7	5.6	4.7	4.5	4.4	5.6	5.5	5.5	
190		5.7	5.4	5.4	5.2	5.1	5.2	4.3	4.1	4.1	5.1	5.1	5.1	
210		5.2	5.1	5.0	4.6	4.6	4.7	3.8	3.8	3.8	4.6	4.6	4.7	
230		4.1	4.7	4.8	4.1	4.1	4.2	3.3	3.4	3.5	4.1	4.2	4.3	
250		2.4	3.1	3.4	3.4	3.6	3.7	2.8	3.0	3.1	2.5	3.2	3.6	
270						2.5	2.6			2.3	2.3			
285														
	%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft

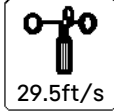
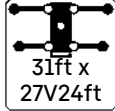
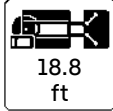


ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3	
24													
25													
30													
35													
40													
45													
50													
60	6.6			5.5		5.8			4.7		4.4		
70	6.6			5.5		5.8			4.7		4.4		
80	6.6			5.5		5.8			4.7		4.4		
90	6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1	
100	6.5	6.2		5.5	5.5	5.8	6.0		4.7	5.2	4.4	5.1	
110	6.2	5.9	5.7	5.3	5.3	5.8	5.7	5.6	4.7	5.1	4.4	5.0	
120	6.0	5.6	5.4	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.4	4.8	
130	5.7	5.4	5.2	4.9	4.9	5.5	5.2	5.1	4.6	4.7	4.4	4.6	
140	5.4	5.1	5.0	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.3	4.4	
150	5.2	4.9	4.8	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.2	4.2	
170	4.7	4.5	4.4	3.9	3.9	4.6	4.4	4.3	3.8	3.9	3.8	3.8	
190	4.3	4.1	4.1	3.3	3.4	4.2	4.0	4.0	3.3	3.4	3.3	3.4	
210	3.8	3.8	3.8	2.6	2.9	3.8	3.8	3.8	2.6	2.9	2.9	3.0	
230	3.4	3.4	3.5			3.4	3.4	3.5			2.4	2.6	
250	3.0	3.0	3.2			2.6	3.1	3.2					
270		2.5	2.6										
285													
1%	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
1%	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
1%	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
1%	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
1%	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
1%	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
1%	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
0°	0	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0



		x1000lb										
	ft	237.3	243.2	243.2								
	24											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70		3.8									
	80		3.8									
	90		3.8									
	100		3.8	4.7								
	110	4.9	3.8	4.7								
	120	4.8	3.8	4.6								
	130	4.7	3.8	4.4								
	140	4.5	3.8	4.3								
	150	4.3	3.8	4.1								
	170	3.9	3.7	3.7								
	190	3.5	3.2	3.3								
	210	3.1	2.5	2.8								
	230	2.7										
	250	2.3										
	270											
	285											
	1	90+	90+	90+								
	2	90+	100+	100+								
	3	90+	100+	100+								
	4	100+	100+	100+								
	5	100+	100+	100+								
	6	100+	100+	100+								
	7	100+	100+	100+								
	°	40.0	0.0	20.0								

TVK: TV-46ft K-66ft



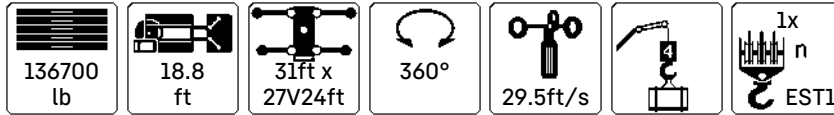
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	16	18.0											
	18	18.0											
	20	18.0											
	25	18.0											
	30	17.9											
	35	17.7			14.4			13.7			13.6		
	40	17.2	13.8		14.3			13.7			13.6		
	45	16.6	13.1		14.1			13.6			13.5		
	50	15.9	12.5		14.0			13.4			13.3		
	60	14.3	11.3	9.1	13.4	11.3		12.9	11.1		12.8	11.0	
	70	12.5	10.4	8.7	12.6	10.6		12.2	10.5		12.1	10.5	
	80	10.6	9.6	8.3	11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3
	90	9.2	8.8	8.1	11.1	9.7	8.2	10.8	9.6	8.1	10.7	9.6	8.1
	100	8.1	7.9	7.8	10.3	9.3	8.0	10.2	9.2	8.0	10.1	9.2	7.9
	110	7.2	7.1	7.0	9.6	8.8	7.8	9.6	8.8	7.8	9.5	8.7	7.8
	120	6.4	6.3	6.4	9.0	8.2	7.7	9.0	8.3	7.6	9.0	8.2	7.6
	130	5.7	5.8	5.8	8.4	7.7	7.3	8.5	7.8	7.4	8.4	7.7	7.3
	140	5.2	5.2		7.8	7.2	6.9	8.0	7.3	7.0	7.9	7.3	6.9
	150				7.3	6.8	6.6	7.4	6.9	6.6	7.4	6.9	6.6
	170				6.4	6.1	5.9	6.6	6.2	6.0	6.5	6.1	6.0
	190				5.7	5.5	5.4	5.8	5.6	5.5	5.8	5.6	5.5
	210				5.1	5.0	5.1	5.2	5.1	5.2	5.2	5.1	5.2
	230				4.6	4.7		3.6	4.1	4.1	4.1	4.5	4.5
	250										2.4		
	270												
	276												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



		x1000lb												
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16	ft													
18														
20														
25														
30														
35														
40		12.9			12.7									
45		12.9			12.6			11.9			11.4			
50		12.7			12.4			11.7			11.2			
60		12.2			11.9			11.2			10.8			
70		11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80		11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90		10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100		9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110		9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120		8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130		8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140		7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8	
150		7.5	6.9	6.6	7.4	6.9	6.6	7.3	6.9	6.6	7.2	6.7	6.5	
170		6.7	6.2	6.0	6.6	6.2	6.0	6.6	6.2	6.0	6.5	6.1	6.0	
190		5.9	5.7	5.6	5.9	5.6	5.6	6.0	5.7	5.6	5.9	5.6	5.5	
210		4.7	5.2	5.2	5.3	5.1	5.2	4.2	5.0	5.2	5.0	5.1	5.2	
230		2.8	3.4	3.6	3.4	4.0	4.2	2.3	3.0	3.3	3.1	3.8	4.1	
250						2.2								
270														
276														
	%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
	%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	40.0

TVK: TV-46ft K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
16													
18													
20													
25													
30													
35													
40													
45													
50	9.3			8.6									
60	9.0			8.4			7.6			7.6			
70	8.8			8.2			7.4			7.6			
80	8.6	8.4		8.0	7.8		7.3	7.0		7.5			
90	8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2		
100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8	
110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.7	
120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.5	
130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.2	
140	6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.0	
150	6.6	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	6.1	5.9	5.9	
170	6.1	5.9	5.8	5.7	5.7	5.6	4.7	4.5	4.4	5.6	5.5	5.5	
190	5.5	5.4	5.4	5.2	5.1	5.2	4.3	4.1	4.1	5.1	5.1	5.1	
210	3.7	4.7	5.0	4.6	4.6	4.7	3.8	3.8	3.8	3.6	4.6	4.7	
230		2.8	3.3	3.1	3.9	4.2	3.3	3.4	3.5		2.8	3.3	
250						2.4	2.5	3.0	3.1				
270													
276													

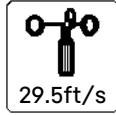
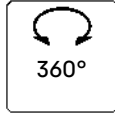
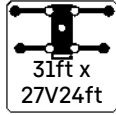
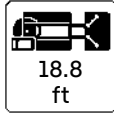
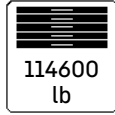
1%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5		5.8			4.7		4.4	
	70	6.6			5.5		5.8			4.7		4.4	
	80	6.6			5.5		5.8			4.7		4.4	
	90	6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1
	100	6.5	6.2		5.5	5.5	5.8	6.0		4.7	5.2	4.4	5.1
	110	6.2	5.9	5.7	5.3	5.3	5.8	5.7	5.6	4.7	5.1	4.4	5.0
	120	6.0	5.6	5.4	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.4	4.8
	130	5.7	5.4	5.2	4.9	4.9	5.5	5.2	5.1	4.6	4.7	4.4	4.6
	140	5.4	5.1	5.0	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.3	4.4
	150	5.2	4.9	4.8	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.2	4.2
	170	4.7	4.5	4.4	3.9	3.9	4.6	4.4	4.3	3.8	3.9	3.8	3.8
	190	4.3	4.1	4.1	3.3	3.4	4.2	4.0	4.0	3.3	3.4	3.3	3.4
	210	3.8	3.8	3.8	2.6	2.9	3.5	3.8	3.8	2.6	2.9	2.9	3.0
	230	3.1	3.4	3.5				2.8	3.3				2.5
	250		2.3	2.7									
	270												
	276												
	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0

TVK: TV-46ft K-66ft



		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
		16	18.0										
18	18.0												
20	18.0												
25	18.0												
30	17.9												
35	17.7				14.4			13.7			13.6		
40	17.2	13.8			14.3			13.7			13.6		
45	16.6	13.1			14.1			13.6			13.5		
50	15.9	12.5			14.0			13.4			13.3		
60	14.3	11.3	9.1		13.4	11.3		12.9	11.1		12.8	11.0	
70	12.5	10.4	8.7		12.6	10.6		12.2	10.5		12.1	10.5	
80	10.6	9.6	8.3		11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3
90	9.2	8.8	8.1		11.1	9.7	8.2	10.8	9.6	8.1	10.7	9.6	8.1
100	8.1	7.9	7.8		10.3	9.3	8.0	10.2	9.2	8.0	10.1	9.2	7.9
110	7.2	7.1	7.0		9.6	8.8	7.8	9.6	8.8	7.8	9.5	8.7	7.8
120	6.4	6.3	6.4		9.0	8.2	7.7	9.0	8.3	7.6	9.0	8.2	7.6
130	5.7	5.8	5.8		8.4	7.7	7.3	8.5	7.8	7.4	8.4	7.7	7.3
140	5.2	5.2			7.8	7.2	6.9	8.0	7.3	7.0	7.9	7.3	6.9
150					7.3	6.8	6.6	7.4	6.9	6.6	7.4	6.9	6.6
170					6.4	6.1	5.9	6.6	6.2	6.0	6.5	6.1	6.0
190					5.7	5.5	5.4	5.3	5.6	5.5	5.6	5.6	5.5
210					4.6	5.0	5.1	3.2	3.9	4.3	3.6	4.3	4.7
230					2.9	3.2						2.4	2.4
250													
256													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16													
18													
20													
25													
30													
35													
40	12.9			12.7									
45	12.9			12.6			11.9			11.4			
50	12.7			12.4			11.7			11.2			
60	12.2			11.9			11.2			10.8			
70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140	7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8	
150	7.5	6.9	6.6	7.4	6.9	6.6	7.3	6.9	6.6	7.2	6.7	6.5	
170	6.6	6.2	6.0	6.6	6.2	6.0	6.2	6.2	6.0	6.5	6.1	6.0	
190	4.4	5.5	5.6	5.1	5.6	5.6	3.9	5.1	5.5	4.8	5.6	5.5	
210	2.3	3.2	3.7	3.0	3.8	4.3		2.8	3.4	2.7	3.6	4.2	
230													
250													
256													

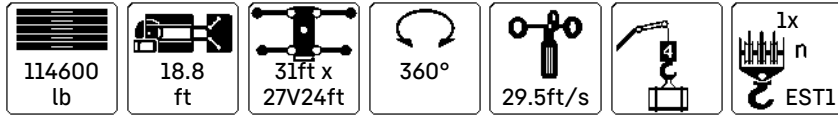
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



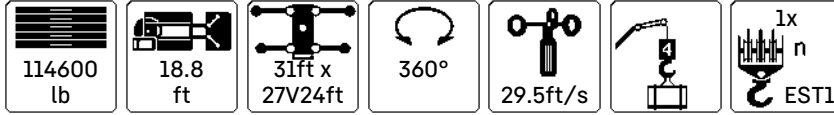
	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.3			8.6								
	60	9.0			8.4			7.6			7.6		
	70	8.8			8.2			7.4			7.6		
	80	8.6	8.4		8.0	7.8		7.3	7.0		7.5		
	90	8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2	
	100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8
	110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.7
	120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.5
	130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.2
	140	6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.0
	150	6.6	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	6.1	5.9	5.9
	170	5.4	5.9	5.8	5.7	5.7	5.6	4.7	4.5	4.4	5.2	5.5	5.5
	190	3.2	4.4	5.1	4.3	5.1	5.2	4.3	4.1	4.1	3.1	4.3	4.9
	210		2.4	3.0	2.5	3.4	4.1	3.5	3.8	3.8		2.3	3.0
	230						2.2		2.7	3.2			
	250												
	256												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVK: TV-46ft K-66ft



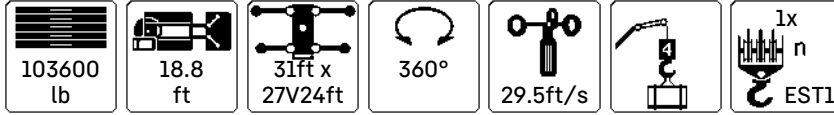
		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5		5.8			4.7		4.4	
	70	6.6			5.5		5.8			4.7		4.4	
	80	6.6			5.5		5.8			4.7		4.4	
	90	6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1
	100	6.5	6.2		5.5	5.5	5.8	6.0		4.7	5.2	4.4	5.1
	110	6.2	5.9	5.7	5.3	5.3	5.8	5.7	5.6	4.7	5.1	4.4	5.0
	120	6.0	5.6	5.4	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.4	4.8
	130	5.7	5.4	5.2	4.9	4.9	5.5	5.2	5.1	4.6	4.7	4.4	4.6
	140	5.4	5.1	5.0	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.3	4.4
	150	5.2	4.9	4.8	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.2	4.2
	170	4.7	4.5	4.4	3.9	3.9	4.6	4.4	4.3	3.8	3.9	3.8	3.8
	190	4.1	4.1	4.1	3.3	3.4	3.1	4.0	4.0	3.3	3.4	2.8	3.4
	210	2.5	3.4	3.8	2.6	2.9		2.3	3.1		2.8		
	230			2.3									
	250												
	256												
	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0

TVK: TV-46ft K-66ft



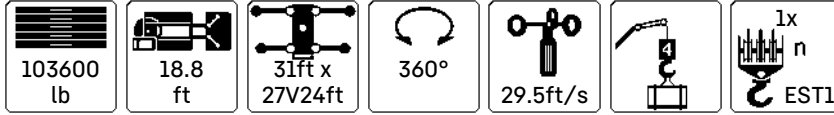
		x1000lb										
	ft	237.3	243.2	243.2								
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70		3.8									
	80		3.8									
	90		3.8									
	100		3.8	4.7								
	110	4.9	3.8	4.7								
	120	4.8	3.8	4.6								
	130	4.7	3.8	4.4								
	140	4.5	3.8	4.3								
	150	4.3	3.8	4.1								
	170	3.9	3.7	3.7								
	190	3.5	2.5	3.3								
	210	2.9										
	230											
	250											
	256											
	1	90+	90+	90+								
	2	90+	100+	100+								
	3	90+	100+	100+								
	4	100+	100+	100+								
	5	100+	100+	100+								
	6	100+	100+	100+								
	7	100+	100+	100+								
	°	40.0	0.0	20.0								

TVK: TV-46ft K-66ft



	ft	x1000lb												
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
	16	18.0												
	18	18.0												
	20	18.0												
	25	18.0												
	30	17.9												
	35	17.7			14.4				13.7			13.6		
	40	17.2	13.8		14.3				13.7			13.6		
	45	16.6	13.1		14.1				13.6			13.5		
	50	15.9	12.5		14.0				13.4			13.3		
	60	14.3	11.3	9.1	13.4	11.3			12.9	11.1		12.8	11.0	
	70	12.5	10.4	8.7	12.6	10.6			12.2	10.5		12.1	10.5	
	80	10.6	9.6	8.3	11.8	10.1	8.4		11.5	10.0	8.4	11.4	10.0	8.3
	90	9.2	8.8	8.1	11.1	9.7	8.2	10.8	9.6	8.1	8.1	10.7	9.6	8.1
	100	8.1	7.9	7.8	10.3	9.3	8.0	10.2	9.2	8.0	8.0	10.1	9.2	7.9
	110	7.2	7.1	7.0	9.6	8.8	7.8	9.6	8.8	7.8	7.8	9.5	8.7	7.8
	120	6.4	6.3	6.4	9.0	8.2	7.7	9.0	8.3	7.6	7.6	9.0	8.2	7.6
	130	5.7	5.8	5.8	8.4	7.7	7.3	8.5	7.8	7.4	7.4	8.4	7.7	7.3
	140	5.2	5.2		7.8	7.2	6.9	8.0	7.3	7.0	7.0	7.9	7.3	6.9
	150				7.3	6.8	6.6	7.4	6.9	6.6	6.6	7.4	6.9	6.6
	170				6.4	6.1	5.9	6.3	6.2	6.0	6.0	6.5	6.1	6.0
	190				5.3	5.5	5.4	3.9	4.9	5.4	4.3	4.3	5.3	5.5
	210				3.3	3.9	4.1		2.7	3.0	2.4	3.1	3.1	3.4
	230													
	243													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

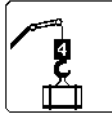
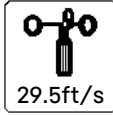
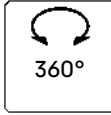
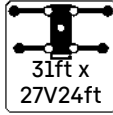
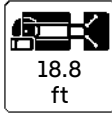
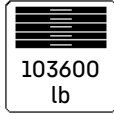
TVK: TV-46ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16													
18													
20													
25													
30													
35													
40	12.9			12.7									
45	12.9			12.6			11.9			11.4			
50	12.7			12.4			11.7			11.2			
60	12.2			11.9			11.2			10.8			
70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140	7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8	
150	7.5	6.9	6.6	7.4	6.9	6.6	7.2	6.9	6.6	7.2	6.7	6.5	
170	5.5	6.2	6.0	6.1	6.2	6.0	4.7	6.1	6.0	5.6	6.1	6.0	
190	3.1	4.2	4.9	3.7	4.8	5.4	2.4	3.6	4.5	3.4	4.5	5.2	
210			2.5		2.6	3.1					2.4	2.9	
230													
243													

1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
5%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

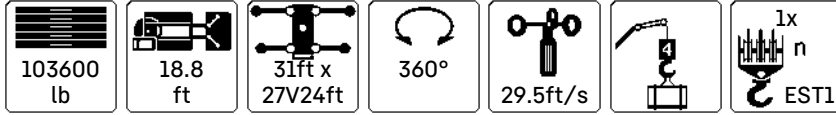
TVK: TV-46ft K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
16													
18													
20													
25													
30													
35													
40													
45	8.7			10.6			10.0						
50	8.6			10.5			9.9			8.2			
60	8.4			10.1			9.6			8.0			
70	8.2			9.8			9.3			7.9			
80	7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3		
90	7.5	7.0	6.7	9.1	8.8	7.8	8.7	8.4	7.7	7.3	6.9		
100	7.1	6.6	6.3	8.8	8.4	7.6	8.4	8.1	7.5	6.9	6.5	6.3	
110	6.7	6.2	6.0	8.5	8.1	7.5	8.1	7.8	7.4	6.6	6.2	5.9	
120	6.3	5.9	5.7	8.1	7.7	7.3	7.8	7.4	7.2	6.2	5.8	5.6	
130	5.9	5.6	5.4	7.8	7.4	7.0	7.4	7.1	6.9	5.9	5.5	5.3	
140	5.6	5.3	5.1	7.4	7.0	6.7	7.1	6.8	6.6	5.6	5.2	5.1	
150	5.3	5.0	4.9	6.7	6.7	6.4	6.8	6.5	6.3	5.3	5.0	4.9	
170	4.7	4.5	4.4	4.2	5.6	5.9	5.2	5.9	5.8	4.7	4.5	4.4	
190	4.2	4.1	4.1		3.3	4.1	3.1	4.2	5.0	4.3	4.1	4.1	
210	3.6	3.7	3.7					2.2	2.9	3.4	3.8	3.8	
230	2.5	3.1	3.3								2.4	2.8	
243			2.2										

%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

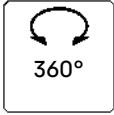
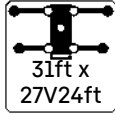
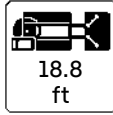
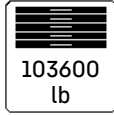
TVK: TV-46ft K-66ft



ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
16														
18														
20														
25														
30														
35														
40														
45														
50	9.3			8.6										
60	9.0			8.4				7.6			7.6			
70	8.8			8.2				7.4			7.6			
80	8.6	8.4		8.0	7.8			7.3	7.0		7.5			
90	8.3	8.1		7.8	7.6			7.0	6.7		7.3	7.2		
100	8.0	7.8	7.4	7.5	7.4	7.2		6.7	6.4	6.1	7.1	7.0	6.8	
110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.8	6.7	
120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.6	6.5	
130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.3	6.2	
140	6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.1	6.0	
150	6.4	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	5.9	5.9	5.9	5.9	
170	3.9	5.3	5.8	5.0	5.7	5.6	4.7	4.5	4.4	3.7	5.1	5.1	5.5	
190		3.0	3.9	3.0	4.1	4.9	4.0	4.1	4.1		2.9	3.8		
210						2.8	2.3	3.1	3.7					
230														
243														

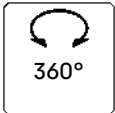
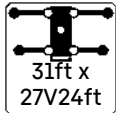
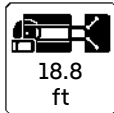
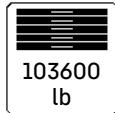
1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVK: TV-46ft K-66ft



		x1000lb											
ft		212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		6.6			5.5		5.8			4.7		4.4	
70		6.6			5.5		5.8			4.7		4.4	
80		6.6			5.5		5.8			4.7		4.4	
90		6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1
100		6.5	6.2		5.5	5.5	5.8	6.0		4.7	5.2	4.4	5.1
110		6.2	5.9	5.7	5.3	5.3	5.8	5.7	5.6	4.7	5.1	4.4	5.0
120		6.0	5.6	5.4	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.4	4.8
130		5.7	5.4	5.2	4.9	4.9	5.5	5.2	5.1	4.6	4.7	4.4	4.6
140		5.4	5.1	5.0	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.3	4.4
150		5.2	4.9	4.8	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.2	4.2
170		4.6	4.5	4.4	3.9	3.9	3.7	4.4	4.3	3.8	3.9	3.4	3.8
190		2.9	3.9	4.1	3.3	3.4		2.9	3.7	2.3	3.3		2.7
210				2.9		2.6							
230													
243													
	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0

TVK: TV-46ft K-66ft



	ft	x1000lb												
		237.3	243.2	243.2										
	16													
	18													
	20													
	25													
	30													
	35													
	40													
	45													
	50													
	60													
	70		3.8											
	80		3.8											
	90		3.8											
	100		3.8	4.7										
	110	4.9	3.8	4.7										
	120	4.8	3.8	4.6										
	130	4.7	3.8	4.4										
	140	4.5	3.8	4.3										
	150	4.3	3.8	4.1										
	170	3.9	3.1	3.7										
	190	3.4		2.4										
	210													
	230													
	243													
	1	90+	90+	90+										
	2	90+	100+	100+										
	3	90+	100+	100+										
	4	100+	100+	100+										
	5	100+	100+	100+										
	6	100+	100+	100+										
	7	100+	100+	100+										
	°	40.0	0.0	20.0										

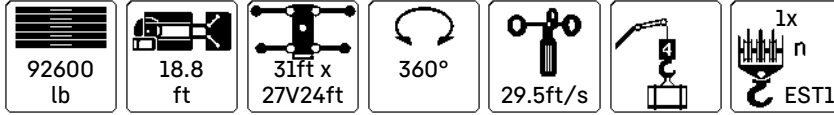
TVK: TV-46ft K-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
16	18.0												
18	18.0												
20	18.0												
25	18.0												
30	17.9												
35	17.7			14.4			13.7			13.6			
40	17.2	13.8		14.3			13.7			13.6			
45	16.6	13.1		14.1			13.6			13.5			
50	15.9	12.5		14.0			13.4			13.3			
60	14.3	11.3	9.1	13.4	11.3		12.9	11.1		12.8	11.0		
70	12.5	10.4	8.7	12.6	10.6		12.2	10.5		12.1	10.5		
80	10.6	9.6	8.3	11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3	
90	9.2	8.8	8.1	11.1	9.7	8.2	10.8	9.6	8.1	10.7	9.6	8.1	
100	8.1	7.9	7.8	10.3	9.3	8.0	10.2	9.2	8.0	10.1	9.2	7.9	
110	7.2	7.1	7.0	9.6	8.8	7.8	9.6	8.8	7.8	9.5	8.7	7.8	
120	6.4	6.3	6.4	9.0	8.2	7.7	9.0	8.3	7.6	9.0	8.2	7.6	
130	5.7	5.8	5.8	8.4	7.7	7.3	8.5	7.8	7.4	8.4	7.7	7.3	
140	5.2	5.2		7.8	7.2	6.9	8.0	7.3	7.0	7.9	7.3	6.9	
150				7.3	6.8	6.6	7.3	6.9	6.6	7.4	6.9	6.6	
170				6.2	6.1	5.9	4.9	6.0	6.0	5.3	6.1	6.0	
190				3.9	4.8	5.2	2.5	3.6	4.2	3.0	4.0	4.6	
210					2.7	2.9						2.2	
230													
240													

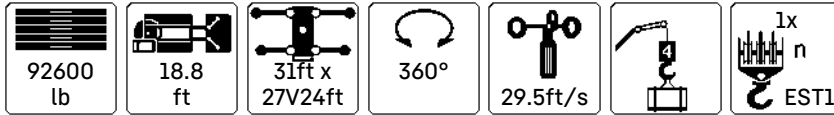
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVK: TV-46ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16													
18													
20													
25													
30													
35													
40	12.9			12.7									
45	12.9			12.6			11.9			11.4			
50	12.7			12.4			11.7			11.2			
60	12.2			11.9			11.2			10.8			
70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140	7.9	7.3	7.0	7.8	7.2	6.9	7.3	7.2	6.9	7.5	7.1	6.8	
150	6.6	6.9	6.6	7.2	6.9	6.6	5.8	6.9	6.6	6.6	6.7	6.5	
170	3.8	5.2	6.0	4.6	5.9	6.0	3.1	4.6	5.6	4.1	5.4	6.0	
190		2.8	3.5	2.4	3.5	4.2			3.0		3.1	3.9	
210													
230													
240													
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0


TVK: TV-46ft K-66ft











		x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	ft												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	8.7			10.6			10.0					
	50	8.6			10.5			9.9			8.2		
	60	8.4			10.1			9.6			8.0		
	70	8.2			9.8			9.3			7.9		
	80	7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3	
	90	7.5	7.0	6.7	9.1	8.8	7.8	8.7	8.4	7.7	7.3	6.9	
	100	7.1	6.6	6.3	8.8	8.4	7.6	8.4	8.1	7.5	6.9	6.5	6.3
	110	6.7	6.2	6.0	8.5	8.1	7.5	8.1	7.8	7.4	6.6	6.2	5.9
	120	6.3	5.9	5.7	8.1	7.7	7.3	7.8	7.4	7.2	6.2	5.8	5.6
	130	5.9	5.6	5.4	7.7	7.4	7.0	7.4	7.1	6.9	5.9	5.5	5.3
	140	5.6	5.3	5.1	6.7	7.0	6.7	7.1	6.8	6.6	5.6	5.2	5.1
	150	5.3	5.0	4.9	5.2	6.6	6.4	6.2	6.5	6.3	5.3	5.0	4.9
	170	4.7	4.5	4.4	2.7	4.1	5.3	3.8	5.1	5.8	4.7	4.5	4.4
	190	4.2	4.1	4.1			2.7		2.9	3.7	3.8	4.1	4.1
	210	2.9	3.6	3.7								2.9	3.5
	230			2.3									
	240												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

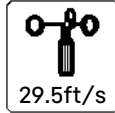
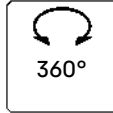
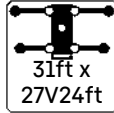
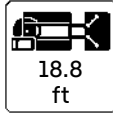
TVK: TV-46ft K-66ft

 92600 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s		 1x n EST1
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 ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
16													
18													
20													
25													
30													
35													
40													
45													
50	9.3			8.6									
60	9.0			8.4				7.6			7.6		
70	8.8			8.2				7.4			7.6		
80	8.6	8.4		8.0	7.8			7.3	7.0		7.5		
90	8.3	8.1		7.8	7.6			7.0	6.7		7.3	7.2	
100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	6.1	7.1	7.0	6.8
110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.8	6.7
120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.6	6.5
130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.3	6.2
140	6.2	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.1	6.1	6.1	6.0
150	4.9	6.3	6.2	5.9	6.1	6.0	5.2	4.9	4.8	4.7	5.8	5.8	5.9
170	2.4	3.9	5.0	3.6	4.9	5.6	4.6	4.5	4.4	2.2	3.7	4.9	4.9
190			2.6		2.7	3.6	2.7	3.7	4.1				2.5
210									2.6				
230													
240													

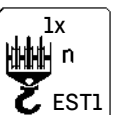
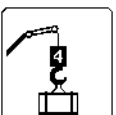
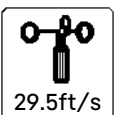
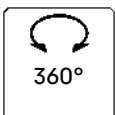
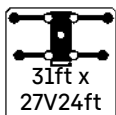
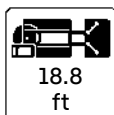
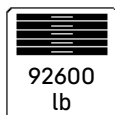
 %	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
 %	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5		5.8			4.7		4.4	
	70	6.6			5.5		5.8			4.7		4.4	
	80	6.6			5.5		5.8			4.7		4.4	
	90	6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1
	100	6.5	6.2		5.5	5.5	5.8	6.0		4.7	5.2	4.4	5.1
	110	6.2	5.9	5.7	5.3	5.3	5.8	5.7	5.6	4.7	5.1	4.4	5.0
	120	6.0	5.6	5.4	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.4	4.8
	130	5.7	5.4	5.2	4.9	4.9	5.5	5.2	5.1	4.6	4.7	4.4	4.6
	140	5.4	5.1	5.0	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.3	4.4
	150	5.1	4.9	4.8	4.4	4.4	4.5	4.8	4.7	4.2	4.3	4.1	4.2
	170	3.5	4.4	4.4	3.9	3.9		3.7	4.3	2.9	3.9		3.5
	190		2.7	3.6		3.1			2.5				
	210												
	230												
	240												
	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0

TVK: TV-46ft K-66ft



		x1000lb											
ft		237.3	243.2	243.2									
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70		3.8										
	80		3.8										
	90		3.8										
	100		3.8	4.7									
	110	4.9	3.8	4.7									
	120	4.8	3.8	4.6									
	130	4.7	3.8	4.4									
	140	4.5	3.8	4.3									
	150	4.3	3.8	4.1									
	170	3.9		3.1									
	190	2.3											
	210												
	230												
	240												

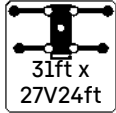
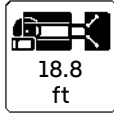
	1	90+	90+	90+									
	2	90+	100+	100+									
	3	90+	100+	100+									
	4	100+	100+	100+									
	5	100+	100+	100+									
	6	100+	100+	100+									
	7	100+	100+	100+									
	°	40.0	0.0	20.0									

TVK: TV-46ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16													
18													
20													
25													
30													
35													
40	12.9			12.7									
45	12.9			12.6			11.9			11.4			
50	12.7			12.4			11.7			11.2			
60	12.2			11.9			11.2			10.8			
70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110	9.3	8.8	7.7	9.2	8.6	7.7	8.7	8.5	7.6	8.7	8.3	7.6	
120	7.8	8.2	7.6	8.3	8.1	7.6	6.9	8.1	7.5	7.7	7.9	7.5	
130	5.9	7.7	7.3	6.7	7.7	7.3	5.1	7.2	7.2	6.0	7.4	7.1	
140	4.3	6.2	7.0	5.1	6.8	6.9	3.5	5.5	6.8	4.5	6.3	6.8	
150	2.7	4.6	5.9	3.6	5.3	6.4		3.9	5.4	3.1	4.8	6.1	
170			2.9		2.6	3.6			2.3			3.3	
190													
210													
225													
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



		x1000lb											
	ft	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.3			8.6								
	60	9.0			8.4			7.6			7.6		
	70	8.8			8.2			7.4			7.6		
	80	8.6	8.4		8.0	7.8		7.3	7.0		7.5		
	90	8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2	
	100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8
	110	7.4	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.7	6.8	6.7
	120	5.9	7.2	7.0	6.7	6.8	6.7	6.1	5.7	5.5	5.6	6.6	6.5
	130	4.2	6.2	6.8	5.3	6.6	6.5	5.8	5.5	5.3	4.0	5.8	6.2
	140	2.7	4.6	6.0	3.9	5.6	6.2	4.9	5.2	5.0	2.5	4.5	5.9
	150		3.3	4.7	2.6	4.3	5.4	3.8	4.9	4.8		3.1	4.5
	170						3.0		2.9	3.9			
	190												
	210												
	225												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



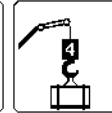
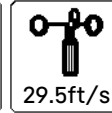
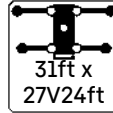
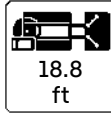
	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5		5.8			4.7		4.4	
	70	6.6			5.5		5.8			4.7		4.4	
	80	6.6			5.5		5.8			4.7		4.4	
	90	6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1
	100	6.5	6.2		5.5	5.5	5.8	6.0		4.7	5.2	4.4	5.1
	110	6.2	5.9	5.7	5.3	5.3	5.8	5.7	5.6	4.7	5.1	4.4	5.0
	120	5.9	5.6	5.4	5.1	5.1	5.2	5.5	5.3	4.7	4.9	4.2	4.8
	130	5.2	5.4	5.2	4.8	4.9	3.9	5.2	5.1	4.2	4.7	3.5	4.6
	140	3.8	5.0	5.0	4.2	4.6	2.3	4.3	4.9	3.1	4.5		3.9
	150	2.6	4.2	4.7	3.0	4.2		3.0	4.2		3.5		2.7
	170			2.9									
	190												
	210												
	225												
	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0

TVK: TV-46ft K-66ft



		x1000lb										
	ft	237.3	243.2	243.2								
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70		3.8									
	80		3.8									
	90		3.8									
	100		3.8	4.7								
	110	4.9	3.8	4.7								
	120	4.8	3.7	4.6								
	130	4.7	3.1	4.4								
	140	4.5		3.7								
	150	4.0		2.4								
	170											
	190											
	210											
	225											
	1	90+	90+	90+								
	2	90+	100+	100+								
	3	90+	100+	100+								
	4	100+	100+	100+								
	5	100+	100+	100+								
	6	100+	100+	100+								
	7	100+	100+	100+								
	°	40.0	0.0	20.0								

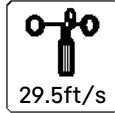
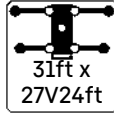
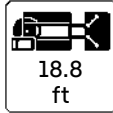
TVK: TV-46ft K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
16													
18													
20													
25													
30													
35													
40													
45													
50	9.3			8.6									
60	9.0			8.4			7.6				7.6		
70	8.8			8.2			7.4				7.6		
80	8.6	8.4		8.0	7.8		7.3	7.0			7.5		
90	7.4	8.1		7.8	7.6		7.0	6.7			6.9	7.2	
100	5.2	7.8	7.4	6.3	7.4	7.2	6.7	6.4	6.1	4.9	7.0	6.8	
110	3.2	5.8	7.3	4.5	6.7	6.9	5.5	6.0	5.8	3.0	5.5	6.7	
120		4.0	5.9	2.7	5.0	6.7	4.0	5.7	5.5		3.8	5.7	
130			4.2		3.5	5.1	2.4	4.4	5.3			4.0	
140			2.5			3.6		3.1	4.4				
150									3.1				
170													
190													
200													

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



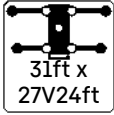
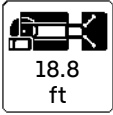
		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	225.6	225.6	225.6	230.2	230.2	237.3	237.3
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5		5.8			4.7		4.4	
	70	6.6			5.5		5.8			4.7		4.4	
	80	6.6			5.5		5.8			4.7		4.4	
	90	6.6	6.5		5.5	5.7	5.8	6.1		4.7	5.3	4.4	5.1
	100	6.0	6.2		5.5	5.5	4.7	6.0		4.7	5.2	4.1	5.1
	110	4.3	5.9	5.7	4.7	5.3	2.7	5.3	5.6	3.4	5.0		4.8
	120	2.6	4.8	5.4	3.1	5.0		3.6	5.2		4.1		3.3
	130		3.3	4.9		3.7			3.9		2.5		
	140			3.5		2.2			2.2				
	150												
	170												
	190												
	200												
	1	45+	45+	45+	0+	0+	90+	90+	90+	45+	45+	90+	90+
	2	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	3	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	90+	90+
	4	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	5	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	6	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	7	90+	90+	90+	100+	100+	90+	90+	90+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	0.0	20.0	40.0	0.0	20.0	0.0	20.0

TVK: TV-46ft K-66ft

48500 lb	18.8 ft	31ft x 27V24ft	360°	29.5ft/s	EST1
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		x1000lb									
	ft	237.3	243.2	243.2							
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50										
	60										
	70		3.8								
	80		3.8								
	90		3.8								
	100		3.7	4.7							
	110	4.9		4.4							
	120	4.8		2.8							
	130	3.6									
	140										
	150										
	170										
	190										
	200										
	1	90+	90+	90+							
	2	90+	100+	100+							
	3	90+	100+	100+							
	4	100+	100+	100+							
	5	100+	100+	100+							
	6	100+	100+	100+							
	7	100+	100+	100+							
	°	40.0	0.0	20.0							

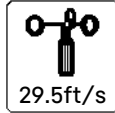
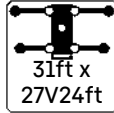
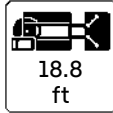
TVK: TV-46ft K-66ft












ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
16	18.0												
18	18.0												
20	18.0												
25	18.0												
30	17.9												
35	17.7				14.4			13.7			13.6		
40	17.2	13.8			14.3			13.7			13.6		
45	16.6	13.1			14.1			13.6			13.5		
50	15.9	12.5			14.0			13.4			13.3		
60	14.3	11.3	9.1		13.4	11.3		12.9	11.1		12.8	11.0	
70	12.5	10.4	8.7		12.6	10.6		12.2	10.5		12.1	10.5	
80	10.6	9.6	8.3		11.8	10.1	8.4	11.2	10.0	8.4	11.4	10.0	8.3
90	9.2	8.8	8.1		10.1	9.7	8.2	8.2	9.6	8.1	8.7	9.6	8.1
100	8.1	7.9	7.8		7.6	9.2	8.0	5.7	8.5	8.0	6.3	8.9	7.9
110	7.2	7.1	7.0		5.5	7.8	7.8	3.6	6.2	7.8	4.2	6.7	7.8
120	6.4	6.3	6.4		3.8	5.8	7.5		4.3	6.2		4.7	6.5
130	5.7	5.8	5.8			4.1	5.6		2.3	4.2		2.9	4.6
140	5.2	5.2				2.5	4.0			2.4			2.9
150							2.3						
170													
185													

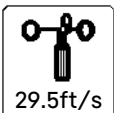
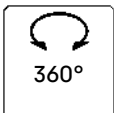
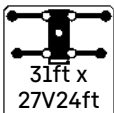
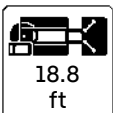
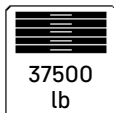
%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



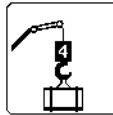
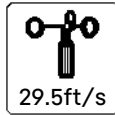
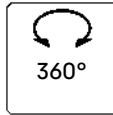
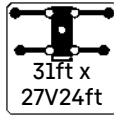
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	16												
	18												
	20												
	25												
	30												
	35												
	40	12.9			12.7								
	45	12.9			12.6			11.9			11.4		
	50	12.7			12.4			11.7			11.2		
	60	12.2			11.9			11.2			10.8		
	70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8	
	80	9.8	9.8	8.3	10.5	9.8	8.2	8.7	9.6		9.5	9.4	
	90	6.9	9.4	8.1	7.7	9.4	8.0	6.1	9.0	7.9	7.0	9.1	7.9
	100	4.5	7.5	7.9	5.4	8.1	7.9	3.5	6.7	7.8	4.8	7.4	7.7
	110		5.2	7.5	3.1	5.9	7.6		4.5	6.8	2.4	5.4	7.3
	120		3.1	5.2		4.0	5.9			4.7		3.5	5.4
	130			3.3			4.0			2.6			3.6
	140												
	150												
	170												
	185												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



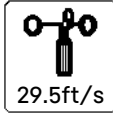
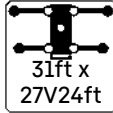
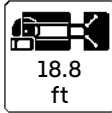
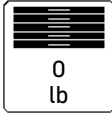
		x1000lb												
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
ft	ft													
16														
18														
20														
25														
30														
35														
40														
45		8.7			10.6			10.0						
50		8.6			10.5			9.9			8.2			
60		8.4			10.1			9.6			8.0			
70		8.2			9.8			9.3			7.9			
80		7.9	7.4		7.9	9.2		8.7	8.8		7.6	7.3		
90		7.5	7.0	6.7	5.4	8.3	7.8	6.4	8.4	7.7	7.3	6.9		
100		7.1	6.6	6.3		6.1	7.6	4.2	6.9	7.5	6.4	6.5	6.3	
110		5.7	6.2	6.0		4.1	6.2		4.9	6.9	4.6	6.2	5.9	
120		4.2	5.9	5.7			4.3		3.0	5.0	3.1	5.0	5.6	
130		2.7	4.5	5.4						3.4		3.6	5.0	
140			3.2	4.4									3.6	
150				3.2										
170														
185														
		1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
		2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
		3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
		4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
		5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
		6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
		7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
		°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-46ft K-66ft



		x1000lb											
ft		237.3	243.2	243.2									
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70			3.8										
80			3.8										
90			3.1										
100				4.1									
110	4.8												
120	3.2												
130													
140													
150													
170													
185													
<hr/>													
1%	1	90+	90+	90+									
1%	2	90+	100+	100+									
1%	3	90+	100+	100+									
1%	4	100+	100+	100+									
1%	5	100+	100+	100+									
1%	6	100+	100+	100+									
1%	7	100+	100+	100+									
0%	°	40.0	0.0	20.0									

TVK: TV-46ft K-66ft



	ft	x1000lb												
	16	18.0												
	17	18.0												
	18	18.0												
	19	18.0												
	20	18.0												
	22	18.0												
	24	18.0												
	26	18.0												
	28	18.0												
	30	17.9												
	32	17.9												
	34	17.7												
	36	17.6												
	38	17.4												
	40	17.2	13.8											
	45	16.6	13.1											
	50	15.9	12.5											
	55	15.2	11.9											
	60	14.3	11.3	9.1										
	65	13.4	10.8	8.9										
	70	12.5	10.4	8.7										
	75	11.0	10.0	8.5										
	80	9.5	9.6	8.3										
	85	8.3	9.2	8.2										
	90	7.3	8.6	8.1										
	95	6.4	7.6	7.9										
	100	5.7	6.7	7.6										
	105	5.0	5.9	6.7										
	110	4.3	5.2	5.9										
	115	3.7	4.6	5.1										
	120	2.9	4.0	4.5										
	125		3.2	3.8										
	130		2.4	2.9										
	133			2.3										
	1	0+	0+	0+										
	2	0+	0+	0+										
	3	0+	0+	0+										
	4	0+	0+	0+										
	5	0+	0+	0+										
	6	0+	0+	0+										
	7	0+	0+	0+										
	°	0.0	20.0	40.0										

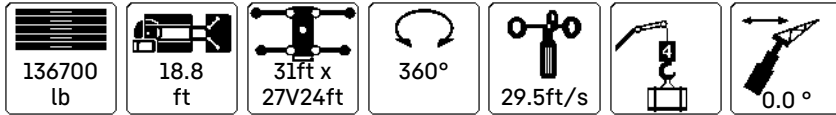
TVK: TV-69ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
22													
25													
30													
35	24.3												
40	22.0												
45	19.7	16.7											
50	17.6	16.1	15.3	15.2									
60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1		
70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9	
80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4	
90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0	
100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6	
110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2	
120	5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8	
130	5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4	
140	4.7	7.3	7.4	7.4	7.5	7.4	7.4	7.2	5.2	7.1	6.9	5.1	
150		6.8	7.0	6.9	7.0	6.9	6.9	6.8	4.9	6.7	6.5	4.8	
170		6.0	6.1	6.1	6.2	6.1	6.2	6.1	4.3	6.1	5.9	4.3	
190		5.3	5.4	5.4	5.5	5.5	5.5	5.4	3.8	5.5	5.3	3.9	
210		4.7	4.9	4.8	5.0	4.9	5.0	4.9	3.3	5.0	4.9	3.4	
230			4.4	4.4	4.5	4.5	4.1	4.5	2.8	3.9	4.3	2.9	
250					2.7	3.4	2.2	3.1	2.4		3.1	2.5	
270												2.2	

%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

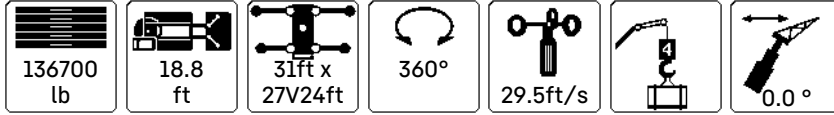
TVK: TV-69ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17	34.8												
18	34.3												
20	33.3												
25	30.7												
30	28.2												
35	25.6	19.1	17.8	17.6									
40	23.1	18.4	17.3	17.1	15.9	15.4							
45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1		
50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6	
60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4	
70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1	
80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7	
90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2	
100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8	
110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4	
120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0	
130	5.2	8.3	8.4	8.3	8.4	8.3	8.2	7.9	5.7	7.7	7.4	5.6	
140	4.7	7.6	7.8	7.7	7.8	7.7	7.7	7.5	5.3	7.3	7.0	5.3	
150		7.1	7.2	7.2	7.3	7.2	7.2	7.1	5.0	7.0	6.7	5.0	
170		6.1	6.3	6.3	6.4	6.3	6.4	6.3	4.4	6.3	6.0	4.4	
190		5.4	5.6	5.5	5.7	5.6	5.7	5.6	3.8	5.3	5.5	3.9	
210		4.8	4.7	4.9	3.9	4.6	3.4	4.3	3.3	3.2	4.2	3.4	
230		4.3	2.9	3.3		2.7		2.4	2.8		2.3	2.9	
250									2.4			2.5	
261													

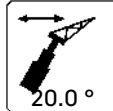
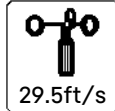
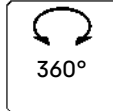
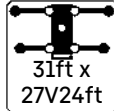
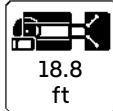
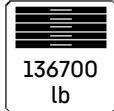
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



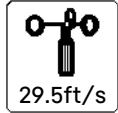
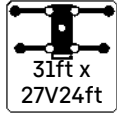
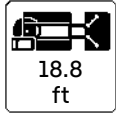
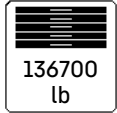
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.9	9.1										
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
	70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
	80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
	90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5		
	100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5		
	110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5		
	120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4		
	130	7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2		
	140	6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0		
	150	6.5	6.1	4.9	5.9	4.9	4.1	4.8	4.0	3.9	3.8		
	170	5.9	5.5	4.4	5.4	4.4	3.5	4.3	3.5	3.4	3.3		
	190	5.0	4.8	3.9	4.8	4.0	2.9	3.9	2.8	2.9	2.7		
	210	3.1	4.2	3.4	2.9	3.5		2.9		2.4			
	230		2.4	3.0		2.5							
	250												
	261												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-69ft K-38ft



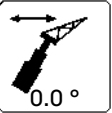
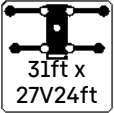
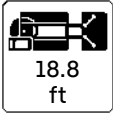
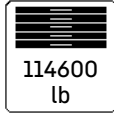
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70	9.1	8.4	7.5	7.9	7.1						
80	8.7	8.1	7.1	7.6	6.8	5.9	6.5	5.5	5.4	5.0	
90	8.4	7.8	6.7	7.4	6.5	5.6	6.2	5.3	5.2	4.9	
100	8.0	7.5	6.4	7.1	6.2	5.4	6.0	5.1	5.0	4.8	
110	7.7	7.2	6.0	6.9	5.9	5.2	5.7	4.9	4.8	4.6	
120	7.3	6.9	5.7	6.6	5.6	4.9	5.4	4.7	4.6	4.4	
130	7.0	6.6	5.4	6.3	5.3	4.7	5.1	4.5	4.4	4.2	
140	6.7	6.3	5.1	6.1	5.0	4.4	4.9	4.2	4.2	4.0	
150	6.4	6.0	4.8	5.8	4.8	4.1	4.7	4.0	4.0	3.8	
170	5.8	5.4	4.3	5.3	4.3	3.6	4.2	3.5	3.5	3.4	
190	5.3	4.8	3.9	4.8	3.9	3.0	3.8	3.0	3.0	2.9	
210	3.6	4.3	3.5	3.5	3.5	2.3	3.4	2.3	2.5	2.2	
230		2.8	3.0		2.9						
250											
261											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30												
	35												
	40	19.7											
	45	18.7											
	50	16.9											
	60	13.9	13.9	13.5	13.3								
	70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0		
	80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3
	90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9
	100	7.5	9.7	9.6	9.6	9.5	9.3	9.2	9.0	6.5	8.7	8.3	6.5
	110	6.6	8.9	8.9	8.9	8.9	8.7	8.6	8.4	6.1	8.2	7.9	6.1
	120	5.9	8.3	8.3	8.3	8.3	8.1	8.1	7.9	5.8	7.8	7.5	5.7
	130	5.3	7.7	7.8	7.7	7.7	7.6	7.6	7.5	5.4	7.4	7.1	5.4
	140		7.2	7.3	7.3	7.3	7.2	7.2	7.0	5.1	7.0	6.7	5.1
	150		6.7	6.8	6.8	6.9	6.8	6.8	6.7	4.8	6.6	6.4	4.8
	170		5.9	6.0	6.0	6.1	6.0	6.1	6.0	4.3	6.0	5.8	4.3
	190		5.3	5.4	5.4	5.5	5.4	5.5	5.4	3.9	5.4	5.3	3.9
	210		4.8	4.9	4.9	4.6	4.9	4.2	4.9	3.4	4.1	4.9	3.5
	230			3.1	3.5	2.4	3.1		2.9	2.9		2.9	3.0
	250									2.5			2.6
	261												2.3
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVK: TV-69ft K-38ft



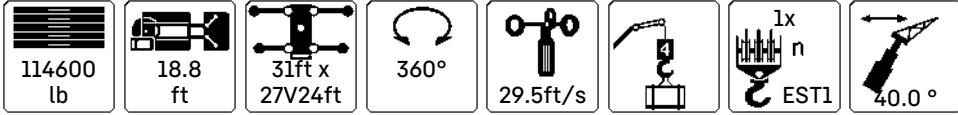
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.9	9.1										
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
	70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
	80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
	90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5		
	100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5		
	110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5		
	120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4		
	130	7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2		
	140	6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0		
	150	6.5	6.1	4.9	5.9	4.9	4.1	4.8	4.0	3.9	3.8		
	170	4.8	5.4	4.4	4.6	4.4	3.5	4.3	3.5	3.4	3.3		
	190	2.5	3.7	3.9	2.4	3.6	2.9	2.4	2.8				
	210			2.9									
	230												
	244												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-69ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30	26.6												
35	24.3												
40	22.0												
45	19.7	16.7											
50	17.6	16.1	15.3	15.2									
60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1		
70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9	
80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4	
90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0	
100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6	
110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2	
120	5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8	
130	5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4	
140	4.7	7.3	7.4	7.4	7.5	7.4	7.4	7.2	5.2	7.1	6.9	5.1	
150		6.8	7.0	6.9	7.0	6.9	6.9	6.8	4.9	6.7	6.5	4.8	
170		6.0	6.1	6.1	6.2	6.1	6.1	6.1	4.3	5.8	5.9	4.3	
190		5.3	5.1	5.4	4.3	5.0	3.9	4.7	3.8	3.4	4.4	3.9	
210		4.1	2.8	3.3		2.7		2.5	3.3		2.4	3.4	
230									2.8			2.6	
244									2.2				
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



ft	x1000lb											
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17												
18												
20												
25												
30												
35												
40	19.7											
45	18.7											
50	16.9											
60	13.9	13.9	13.5	13.3								
70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0		
80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3
90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9
100	7.5	9.7	9.6	9.6	9.5	9.3	9.2	9.0	6.5	8.7	8.3	6.5
110	6.6	8.9	8.9	8.9	8.9	8.7	8.6	8.4	6.1	8.2	7.9	6.1
120	5.9	8.3	8.3	8.3	8.3	8.1	8.1	7.9	5.8	7.8	7.5	5.7
130	5.3	7.7	7.8	7.7	7.7	7.6	7.6	7.5	5.4	7.4	7.1	5.4
140		7.2	7.3	7.3	7.3	7.2	7.2	7.0	5.1	7.0	6.7	5.1
150		6.7	6.8	6.8	6.9	6.8	6.8	6.7	4.8	6.6	6.4	4.8
170		5.9	6.0	6.0	6.1	6.0	6.1	6.0	4.3	6.0	5.8	4.3
190		5.3	5.3	5.4	4.7	5.2	4.3	5.1	3.9	3.9	4.8	3.9
210		4.2	3.0	3.4	2.3	3.0		2.8	3.4		2.7	3.5
230									2.9			2.8
244									2.3			

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVK: TV-69ft K-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	34.8											
	18	34.3											
	20	33.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1
	80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7
	90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2
	100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8
	110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4
	120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0
	130	5.2	8.3	8.4	8.3	8.4	8.3	8.2	7.9	5.7	7.7	7.4	5.6
	140	4.7	7.6	7.8	7.7	7.8	7.7	7.7	7.5	5.3	7.3	7.0	5.3
	150		7.1	7.2	7.2	7.3	7.2	6.7	7.1	5.0	6.2	6.7	5.0
	170		6.1	5.6	6.0	4.7	5.5	4.0	4.9	4.4	3.5	4.6	4.4
	190		4.5	3.1	3.6	2.2	3.0		2.7	3.8		2.4	3.9
	210		2.6							3.3			2.7
	230												
	235												

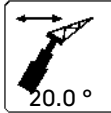
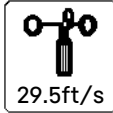
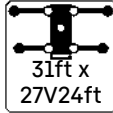
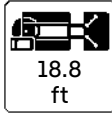
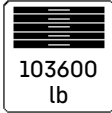
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



		x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
ft												
	17											
18												
20												
25												
30												
35												
40												
45												
50	9.9	9.1										
60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5		
100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5		
110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5		
120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4		
130	7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2		
140	6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0		
150	5.8	6.1	4.9	5.5	4.9	4.1	4.8	4.0	3.9	3.8		
170	3.3	4.4	4.4	3.1	4.1	3.5	3.1	3.4	2.8	2.4		
190		2.2	3.4		2.2	2.7						
210												
230												
235												
<hr/>												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

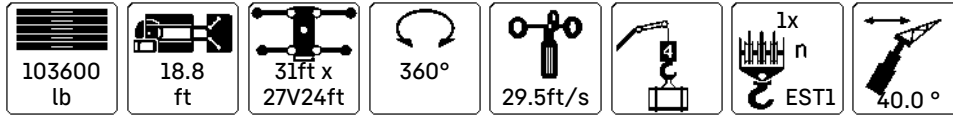
TVK: TV-69ft K-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17													
18													
20													
25													
30		26.6											
35		24.3											
40		22.0											
45		19.7	16.7										
50		17.6	16.1	15.3	15.2								
60		14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
70		11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
80		9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4
90		8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0
100		7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6
110		6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2
120		5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8
130		5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4
140		4.7	7.3	7.4	7.4	7.5	7.4	7.4	7.2	5.2	7.1	6.9	5.1
150			6.8	7.0	6.9	7.0	6.9	6.9	6.8	4.9	6.7	6.5	4.8
170			6.0	6.1	6.1	5.5	6.0	4.8	5.6	4.3	4.3	5.3	4.3
190			5.0	3.7	4.1	2.9	3.6	2.3	3.3	3.8		3.0	3.9
210			2.9							3.3			3.2
230													
235													

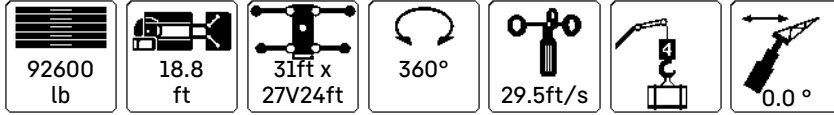
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



ft	x1000lb								
	199.3	199.6	199.6	212.6	212.6	225.6	237.3		
17									
18									
20									
25									
30									
35									
40									
45									
50									
60									
70									
80	8.6	8.1	7.0	7.6	6.7				
90	8.3	7.8	6.6	7.4	6.5	6.2	5.2		
100	7.9	7.5	6.3	7.1	6.1	5.9	5.1		
110	7.6	7.1	5.9	6.8	5.8	5.6	4.9		
120	7.2	6.8	5.6	6.5	5.5	5.3	4.7		
130	6.9	6.5	5.3	6.3	5.2	5.1	4.5		
140	6.6	6.3	5.0	6.0	4.9	4.8	4.3		
150	6.3	6.0	4.7	5.8	4.7	4.6	4.0		
170	4.6	5.4	4.3	4.5	4.3	4.1	3.6		
190	2.2	3.3	3.9		3.3				
210			2.4						
230									
235									
%	1	90+	45+	0+	90+	45+	90+	90+	
%	2	90+	90+	90+	90+	90+	90+	90+	
%	3	90+	90+	90+	90+	90+	90+	90+	
%	4	90+	90+	90+	90+	90+	90+	100+	
%	5	90+	90+	90+	90+	90+	90+	100+	
%	6	45+	90+	90+	90+	90+	90+	100+	
%	7	45+	45+	90+	45+	90+	90+	100+	

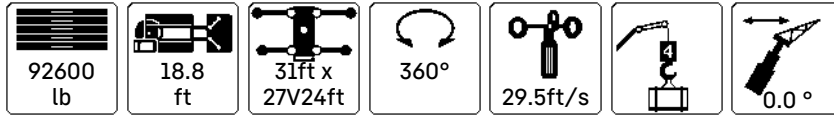
TVK: TV-69ft K-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17	34.8												
18	34.3												
20	33.3												
25	30.7												
30	28.2												
35	25.6	19.1	17.8	17.6									
40	23.1	18.4	17.3	17.1	15.9	15.4							
45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1		
50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6	
60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4	
70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1	
80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7	
90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2	
100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8	
110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4	
120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0	
130	5.2	8.3	8.4	8.3	8.4	8.3	8.0	7.9	5.7	7.5	7.4	5.6	
140	4.7	7.6	7.8	7.7	7.5	7.7	6.6	7.2	5.3	6.1	6.8	5.3	
150		7.1	6.9	7.2	5.9	6.6	5.1	6.0	5.0	4.6	5.6	5.0	
170		5.5	4.1	4.6	3.1	3.9	2.2	3.3	4.4		3.1	4.4	
190		3.2		2.3					3.8			3.1	
210									2.3				
230													

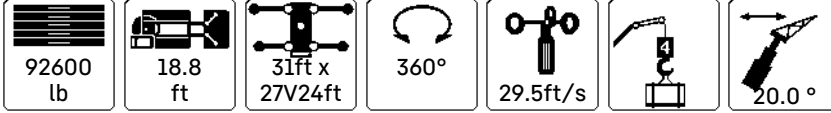
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft




	ft	x1000lb												
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
	17													
	18													
	20													
	25													
	30													
	35													
	40													
	45													
	50	9.9	9.1											
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5					
	70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5			
	80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5			
	90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5			
	100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5			
	110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5			
	120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4			
	130	7.2	6.7	5.5	6.3	5.4	4.6	5.3	4.4	4.4	4.2			
	140	5.7	6.4	5.2	5.4	5.2	4.4	5.0	4.2	4.1	3.9			
	150	4.2	5.3	4.9	4.0	4.8	4.1	3.9	4.0	3.6	3.3			
	170		2.9	4.0		2.9	3.3							
	190													
	210													
	230													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+			
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+			
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x			

TVK: TV-69ft K-38ft

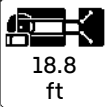


		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17														
18														
20														
25														
30		26.6												
35		24.3												
40		22.0												
45		19.7	16.7											
50		17.6	16.1	15.3	15.2									
60		14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1		
70		11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9	
80		9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4	
90		8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0	
100		7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6	
110		6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2	
120		5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8	
130		5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4	
140		4.7	7.3	7.4	7.4	7.5	7.4	7.2	7.2	5.2	6.9	6.9	5.1	
150			6.8	7.0	6.9	6.7	6.9	6.0	6.6	4.9	5.5	6.3	4.8	
170			5.9	4.8	5.3	3.8	4.6	3.2	4.1	4.3	2.7	3.8	4.3	
190			3.7	2.4	2.8					3.8			3.6	
210										2.7				
230														
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

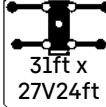
TVK: TV-69ft K-38ft



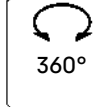
92600
lb



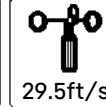
18.8
ft



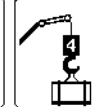
31ft x
27V24ft




360°

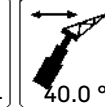


29.5ft/s












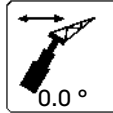
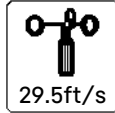
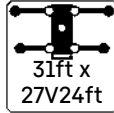
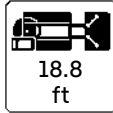
1x
n
EST1



40.0°

ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30													
35													
40	19.7												
45	18.7												
50	16.9												
60	13.9	13.9	13.5	13.3									
70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0			
80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3	
90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9	
100	7.5	9.7	9.6	9.6	9.5	9.3	9.2	9.0	6.5	8.7	8.3	6.5	
110	6.6	8.9	8.9	8.9	8.9	8.7	8.6	8.4	6.1	8.2	7.9	6.1	
120	5.9	8.3	8.3	8.3	8.3	8.1	8.1	7.9	5.8	7.8	7.5	5.7	
130	5.3	7.7	7.8	7.7	7.7	7.6	7.6	7.5	5.4	7.4	7.1	5.4	
140		7.2	7.3	7.3	7.3	7.2	7.2	7.0	5.1	7.0	6.7	5.1	
150		6.7	6.8	6.8	6.9	6.8	6.6	6.7	4.8	6.2	6.4	4.8	
170		5.9	5.3	5.7	4.4	5.1	3.8	4.6	4.3	3.4	4.4	4.3	
190		3.9	2.7	3.1		2.6			3.9			3.9	
210									2.9			2.2	
230													
 %	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
 %	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
 %	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
 %	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
 %	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
 %	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
 %	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVK: TV-69ft K-38ft



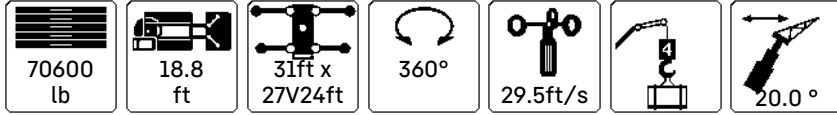
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	34.8											
	18	34.3											
	20	33.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1
	80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7
	90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2
	100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	8.9	8.6	6.8
	110	6.6	9.9	9.8	9.8	9.1	9.4	8.3	8.9	6.5	7.6	8.0	6.4
	120	5.8	9.0	8.3	8.6	7.1	7.8	6.2	7.1	6.1	5.6	6.6	6.0
	130	5.2	8.0	6.3	6.8	5.2	5.9	4.4	5.4	5.7	3.9	5.0	5.6
	140	4.7	6.4	4.6	5.2	3.5	4.3	2.6	3.8	5.3		3.5	5.3
	150		4.9	3.2	3.7		2.7			5.0			4.2
	170		2.4							3.1			
	190												
	210												
	214												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



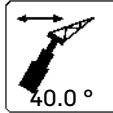
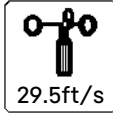
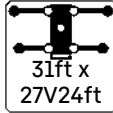
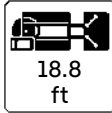
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17													
18													
20													
25													
30	26.6												
35	24.3												
40	22.0												
45	19.7	16.7											
50	17.6	16.1	15.3	15.2									
60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1		
70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9	
80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4	
90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0	
100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6	
110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.2	8.0	6.2	
120	5.8	8.5	8.6	8.6	8.2	8.4	7.5	8.1	5.8	6.9	7.4	5.8	
130	5.2	7.9	7.4	7.8	6.3	7.1	5.6	6.5	5.5	5.1	6.0	5.4	
140	4.7	7.1	5.6	6.1	4.6	5.3	3.9	4.8	5.2	3.5	4.5	5.1	
150		5.7	4.1	4.6	3.0	3.8		3.3	4.9		3.1	4.8	
170		3.1							3.7			2.7	
190													
210													
214													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









TVK: TV-69ft K-38ft



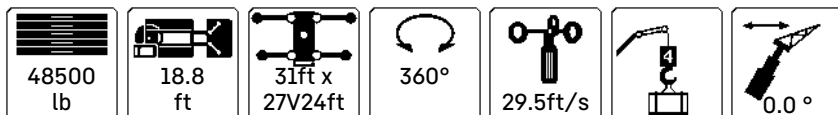
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
17													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70		9.1	8.4	7.5	7.9	7.1							
80		8.7	8.1	7.1	7.6	6.8	5.9	6.5	5.5	5.4	5.0		
90		8.4	7.8	6.7	7.4	6.5	5.6	6.2	5.3	5.2	4.9		
100		8.0	7.5	6.4	7.1	6.2	5.4	6.0	5.1	5.0	4.8		
110		7.7	7.2	6.0	6.9	5.9	5.2	5.7	4.9	4.8	4.6		
120		6.4	6.9	5.7	6.0	5.6	4.9	5.4	4.7	4.6	4.4		
130		4.7	5.7	5.4	4.5	5.1	4.7	4.3	4.5	3.9	3.6		
140		3.2	4.2	5.0	2.9	4.2	4.2	2.9	3.4	2.5			
150			2.9	3.9		2.8	3.2						
170													
190													
210													
214													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVK: TV-69ft K-38ft



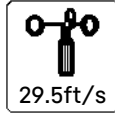
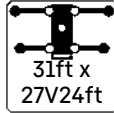
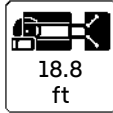
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30												
	35												
	40	19.7											
	45	18.7											
	50	16.9											
	60	13.9	13.9	13.5	13.3								
	70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0		
	80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3
	90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9
	100	7.5	9.7	9.6	9.6	9.5	9.3	9.2	9.0	6.5	8.7	8.3	6.5
	110	6.6	8.9	8.9	8.9	8.9	8.7	8.6	8.4	6.1	8.2	7.9	6.1
	120	5.9	8.3	8.3	8.3	8.3	8.1	8.0	7.9	5.8	7.6	7.5	5.7
	130	5.3	7.7	7.8	7.7	7.3	7.6	6.6	7.1	5.4	6.0	6.7	5.4
	140		7.2	6.4	6.9	5.4	6.1	4.8	5.6	5.1	4.3	5.2	5.1
	150		6.2	4.7	5.2	3.8	4.5	3.1	4.1	4.8	2.7	3.8	4.8
	170		3.5		2.4					4.0			3.2
	190												
	210												
	214												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVK: TV-69ft K-38ft



		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17		34.8												
18		34.3												
20		33.3												
25		30.7												
30		28.2												
35		25.6	19.1	17.8	17.6									
40		23.1	18.4	17.3	17.1	15.9	15.4							
45		20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1		
50		18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6	
60		14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4	
70		12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1	
80		10.0	13.0	12.6	12.5	11.8	11.7	10.8	10.6	7.9	9.8	9.4	7.7	
90		8.6	11.8	10.4	10.9	9.2	9.9	8.1	9.0	7.4	7.4	8.3	7.2	
100		7.5	9.7	7.8	8.3	6.5	7.3	5.7	6.6	6.9	5.1	6.1	6.8	
110		6.6	7.3	5.5	6.0	4.3	5.1	3.4	4.5	6.5	2.8	4.1	6.0	
120		5.8	5.4	3.5	4.1		3.1			5.7			4.6	
130		5.2	3.7							4.2			3.1	
140		4.7								2.8				
150														
170														
190														
191														
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft




		x1000lb											
ft													
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
17													
18													
20													
25													
30													
35													
40													
45													
50	9.9	9.1											
60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5					
70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5			
80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5			
90	6.8	7.8	7.0	6.4	6.7	5.7	6.0	5.3	5.1	4.5			
100	4.6	5.7	6.6	4.3	5.5	5.4	4.0	4.6	3.5	2.9			
110	2.3	3.9	5.0		3.6	4.0		2.6					
120			3.4										
130													
140													
150													
170													
190													
191													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVK: TV-69ft K-38ft

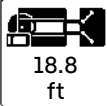


	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4
	90	8.5	11.1	11.0	10.9	10.5	10.3	9.7	9.6	7.1	8.9	8.8	7.0
	100	7.4	10.1	9.3	9.7	8.2	8.9	7.3	8.1	6.7	6.6	7.5	6.6
	110	6.5	8.6	6.9	7.4	5.8	6.6	5.0	6.0	6.2	4.6	5.5	6.2
	120	5.8	6.5	4.9	5.3	3.8	4.5		4.0	5.8		3.7	5.4
	130	5.2	4.8	3.0	3.6		2.6			5.1			4.1
	140	4.7	3.2							3.8			2.7
	150									2.4			
	170												
	190												
	191												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

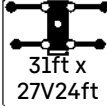
TVK: TV-69ft K-38ft



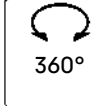
48500
lb



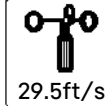
18.8
ft



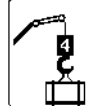
31ft x
27V24ft



360°



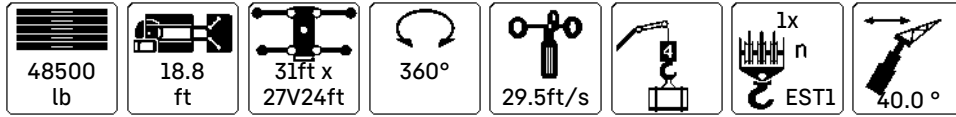
29.5ft/s











20.0°

	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
	17											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70	9.1	8.4	7.5	7.9	7.1						
	80	8.7	8.1	7.1	7.6	6.8	5.9	6.5	5.5	5.4	5.0	
	90	8.3	7.8	6.7	7.3	6.5	5.6	6.2	5.3	5.2	4.9	
	100	6.1	7.1	6.4	5.7	6.2	5.4	5.5	5.1	4.9	4.5	
	110	4.1	5.1	6.0	3.8	5.0	5.1	3.6	4.2	3.2	2.6	
	120		3.5	4.5		3.2	3.6		2.2			
	130			2.9								
	140											
	150											
	170											
	190											
	191											
	%	1	2	3	4	5	6	7	8	9	10	11
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft

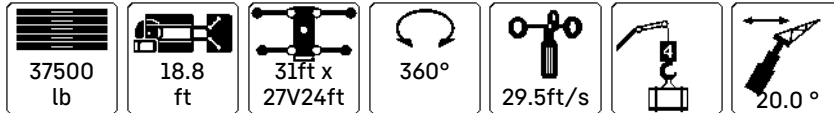











	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17													
18													
20													
25													
30													
35													
40	19.7												
45	18.7												
50	16.9												
60	13.9	13.9	13.5	13.3									
70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0			
80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3	
90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9	
100	7.5	9.7	9.6	9.6	9.4	9.3	8.6	9.0	6.5	7.9	8.3	6.5	
110	6.6	8.9	8.1	8.5	7.0	7.7	6.3	7.0	6.1	5.7	6.6	6.1	
120	5.9	7.4	5.9	6.3	4.9	5.5	4.2	5.1	5.8	3.8	4.7	5.7	
130	5.3	5.5	4.0	4.4	2.9	3.7		3.1	5.4		2.9	4.8	
140		3.9		2.7					4.4			3.5	
150		2.2							3.2				
170													
190													
191													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+



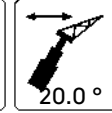
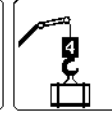
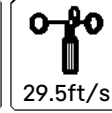
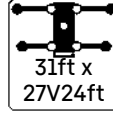
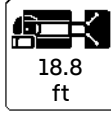
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	34.8											
	18	34.3											
	20	33.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.5	12.6	12.5	11.3	11.3	8.4	10.1	9.9	8.1
	80	10.0	12.5	10.5	11.0	9.1	9.8	8.1	8.9	7.9	7.2	8.2	7.7
	90	8.6	9.4	7.4	8.0	6.2	7.0	5.3	6.3	7.4	4.7	5.7	7.2
	100	7.5	6.8	4.9	5.5	3.5	4.5	2.4	3.9	6.8		3.4	5.8
	110	6.6	4.8	2.6	3.3					5.1			3.9
	120	5.8	2.8							3.5			
	130	5.2											
	140	4.7											
	150												
	170												
	174												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.1	11.1	10.0	10.1	7.6	9.1	9.2	7.4
	90	8.5	10.8	9.2	9.7	8.1	8.7	7.2	8.0	7.1	6.5	7.3	7.0
	100	7.4	8.3	6.6	7.0	5.5	6.2	4.7	5.6	6.7	4.2	5.1	6.6
	110	6.5	6.1	4.3	4.9	3.0	4.0		3.4	6.1		3.0	5.2
	120	5.8	4.2		2.8					4.6			3.5
	130	5.2	2.2							3.1			
	140	4.7											
	150												
	170												
	174												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVK: TV-69ft K-38ft

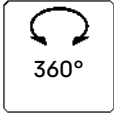
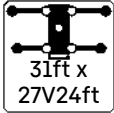
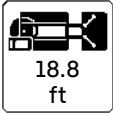
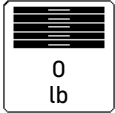










ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70	9.1	8.4	7.5	7.9	7.1						
80	8.4	8.1	7.1	7.5	6.8	5.9	6.5	5.5	5.4	5.0	
90	5.9	6.9	6.7	5.5	6.4	5.6	5.2	5.2	4.8	4.2	
100	3.6	4.8	5.8	3.2	4.6	4.8	2.9	3.6	2.4		
110		2.7	4.0		2.4	2.9					
120											
130											
140											
150											
170											
174											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

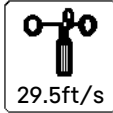
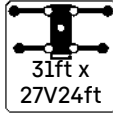
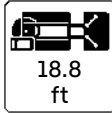
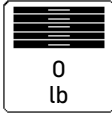
TVK: TV-69ft K-38ft









ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30													
35													
40	19.7												
45	18.7												
50	16.9												
60	13.9	13.9	13.5	13.3									
70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0			
80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3	
90	8.5	10.5	10.4	10.4	9.6	9.9	8.7	9.2	7.0	7.9	8.6	6.9	
100	7.5	9.3	7.9	8.3	6.8	7.5	6.1	6.9	6.5	5.5	6.4	6.5	
110	6.6	7.1	5.5	6.0	4.5	5.2	3.8	4.7	6.1	3.3	4.4	6.0	
120	5.9	5.1	3.4	4.0		3.0			5.4		2.2	4.5	
130	5.3	3.3							3.9			2.8	
140									2.3				
150													
170													
174													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVK: TV-69ft K-38ft

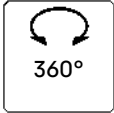
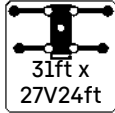
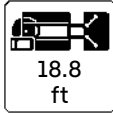
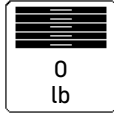


		x1000lb									
	ft										
	17	34.8									
	18	34.3									
	19	33.8									
	20	33.3									
	22	32.3									
	24	31.2									
	26	30.2									
	28	29.2									
	30	28.2									
	32	27.1									
	34	26.1									
	36	25.1									
	38	24.1									
	40	23.1									
	45	20.8									
	50	18.6									
	55	16.6									
	60	14.9									
	65	13.5									
	70	11.9									
	75	10.0									
	80	8.6									
	85	7.5									
	90	6.5									
	95	5.6									
	100	4.9									
	105	4.1									
	110	3.2									
	115	2.3									
	120										
	121										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									



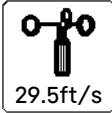
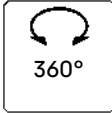
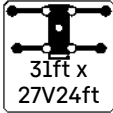
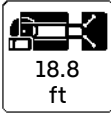
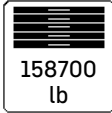
		x1000lb									
	ft										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30	26.6									
	32	25.7									
	34	24.7									
	36	23.8									
	38	22.9									
	40	22.0									
	45	19.7									
	50	17.6									
	55	15.9									
	60	14.3									
	65	12.9									
	70	11.7									
	75	10.7									
	80	9.6									
	85	8.4									
	90	7.3									
	95	6.3									
	100	5.5									
	105	4.7									
	110	4.0									
	115	3.1									
	120										
	121										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TVK: TV-69ft K-38ft



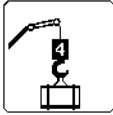
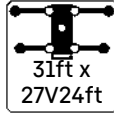
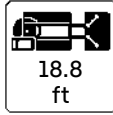
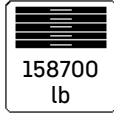
		x1000lb									
	ft										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40	19.7									
	45	18.7									
	50	16.9									
	55	15.3									
	60	13.9									
	65	12.6									
	70	11.5									
	75	10.5									
	80	9.8									
	85	9.0									
	90	7.8									
	95	6.8									
	100	5.9									
	105	5.1									
	110	4.3									
	115	3.5									
	120	2.5									
	121	2.3									
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TVK: TV-69ft K-66ft



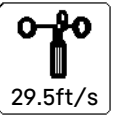
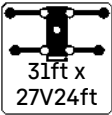
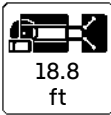
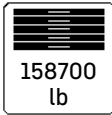
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	
	25	16.1											
	30	16.1											
	35	16.0											
	40	15.4			11.7			11.0			10.9		
	45	14.7	13.0		11.4			10.8			10.7		
	50	13.9	12.4		11.1			10.5			10.4		
	60	12.2	11.4	8.6	10.4			10.0			9.9		
	70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1	
	80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6	
	90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5
	100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2
	110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8
	120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3
	130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9
	140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5
	150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2
	170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6
	190				4.1	4.0	4.0	4.2	4.1	4.1	4.2	4.1	4.1
	210				3.6	3.5	3.5	3.7	3.6	3.6	3.7	3.6	3.6
	230				3.1	3.1	3.2	3.3	3.2	3.3	3.3	3.2	3.3
	250				2.8	2.8		2.9	2.9	3.0	2.9	2.9	3.0
	270												
	279												
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
3%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
4%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
5%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0









TVK: TV-69ft K-66ft



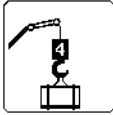
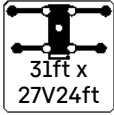
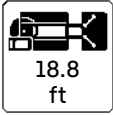
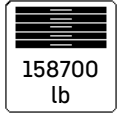
	ft	x1000lb												
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
	25													
	30													
	35													
	40													
	45													
	50					8.2								
	60	6.4				8.0			7.5			6.1		
	70	6.2				7.7			7.2			6.0		
	80	6.0	5.9			7.4	7.2		7.0	6.9		5.8		
	90	5.7	5.5			7.1	6.9		6.7	6.6		5.5	5.4	
	100	5.4	5.1	5.1		6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
	110	5.0	4.8	4.7		6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
	120	4.7	4.5	4.4		6.1	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
	130	4.4	4.2	4.2		5.8	5.6	5.5	5.5	5.4	5.3	4.3	4.2	4.1
	140	4.1	3.9	3.9		5.5	5.3	5.2	5.2	5.1	5.0	4.1	3.9	3.9
	150	3.8	3.7	3.7		5.2	5.0	5.0	5.0	4.9	4.8	3.8	3.7	3.6
	170	3.3	3.2	3.2		4.6	4.5	4.4	4.5	4.4	4.3	3.3	3.2	3.2
	190	2.9	2.8	2.8		4.2	4.0	4.0	4.0	3.9	3.9	2.9	2.8	2.8
	210	2.5	2.5	2.5		3.7	3.6	3.6	3.6	3.5	3.5	2.5	2.5	2.5
	230					3.4	3.3	3.3	3.3	3.2	3.2			2.3
	250					2.3	2.9	3.0	2.9	2.9	3.0			
	270									2.3	2.4			
	279													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+	
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+	
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	










TVK: TV-69ft K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
25													
30													
35													
40													
45													
50													
60	7.0			6.2				5.3			5.3		
70	6.8			6.2				5.3			5.3		
80	6.6			6.1				5.3			5.3		
90	6.3	6.2		5.9	5.8			5.3	5.2		5.3	5.4	
100	6.1	6.0	5.9	5.7	5.6			5.0	4.9		5.3	5.3	
110	5.8	5.7	5.6	5.4	5.3	5.3		4.8	4.6	4.5	5.1	5.1	5.0
120	5.6	5.4	5.4	5.2	5.1	5.1		4.5	4.3	4.3	4.9	4.9	4.8
130	5.3	5.2	5.1	5.0	4.9	4.8		4.2	4.1	4.0	4.7	4.6	4.6
140	5.1	4.9	4.9	4.7	4.7	4.6		4.0	3.8	3.8	4.5	4.5	4.4
150	4.8	4.7	4.7	4.5	4.4	4.4		3.7	3.6	3.6	4.3	4.3	4.2
170	4.4	4.2	4.2	4.1	4.0	4.0		3.3	3.2	3.2	4.0	3.9	3.9
190	3.9	3.9	3.9	3.7	3.7	3.7		2.9	2.8	2.8	3.6	3.6	3.6
210	3.6	3.5	3.5	3.4	3.4	3.4		2.5	2.5	2.5	3.3	3.3	3.3
230	3.3	3.2	3.2	2.9	3.0	3.1				2.3	2.9	3.0	3.1
250		2.8	3.0	2.4	2.6	2.7						2.6	2.7
270													
279													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0


TVK: TV-69ft K-66ft











	ft	x1000lb											
		212.6	212.6	212.6	225.6	225.6	225.6						
	25												
	30												
	35												
	40												
	45												
	50												
	60	4.5											
	70	4.5			3.7								
	80	4.5			3.7								
	90	4.5	4.9		3.7								
	100	4.5	4.7		3.7	4.5							
	110	4.5	4.5	4.4	3.7	4.3							
	120	4.4	4.2	4.2	3.7	4.1	4.0						
	130	4.1	4.0	3.9	3.7	3.8	3.8						
	140	3.9	3.8	3.7	3.7	3.6	3.6						
	150	3.7	3.5	3.5	3.5	3.4	3.4						
	170	3.2	3.2	3.1	3.1	3.1	3.1						
	190	2.8	2.8	2.8	2.8	2.7	2.8						
	210	2.5	2.5	2.5	2.4	2.4	2.5						
	230			2.3			2.2						
	250												
	270												
	279												
	1	45+	45+	45+	90+	90+	90+						
	2	90+	90+	90+	90+	90+	90+						
	3	90+	90+	90+	90+	90+	90+						
	4	90+	90+	90+	90+	90+	90+						
	5	90+	90+	90+	90+	90+	90+						
	6	90+	90+	90+	90+	90+	90+						
	7	90+	90+	90+	90+	90+	90+						
	°	0.0	20.0	40.0	0.0	20.0	40.0						

TVK: TV-69ft K-66ft



		x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	ft												
	20	16.1											
	25	16.1											
	30	16.1											
	35	16.0											
	40	15.4			11.7			11.0			10.9		
	45	14.7	13.0		11.4			10.8			10.7		
	50	13.9	12.4		11.1			10.5			10.4		
	60	12.2	11.4	8.6	10.4			10.0			9.9		
	70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1	
	80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6	
	90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5
	100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2
	110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8
	120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3
	130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9
	140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5
	150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2
	170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6
	190				4.1	4.0	4.0	4.2	4.1	4.1	4.2	4.1	4.1
	210				3.6	3.5	3.5	3.7	3.6	3.6	3.7	3.6	3.6
	230				3.1	3.1	3.2	3.3	3.2	3.3	3.3	3.2	3.3
	250				2.8	2.8			2.4	2.4	2.4	2.8	2.8
	262												

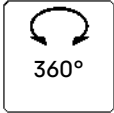
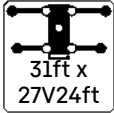
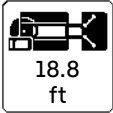
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



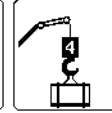
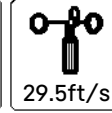
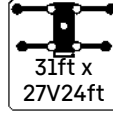
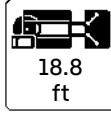
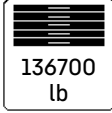
		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30												
	35												
	40												
	45	10.0			9.8								
	50	9.9			9.6			9.1			8.8		
	60	9.4			9.2			8.8			8.5		
	70	9.0	8.8		8.8	8.6		8.4			8.1		
	80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6	
	90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
	100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6
	110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3
	120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0
	130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6
	140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3
	150	5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0
	170	4.9	4.7	4.6	4.9	4.6	4.6	4.8	4.7	4.6	4.7	4.6	4.5
	190	4.3	4.2	4.1	4.3	4.1	4.1	4.3	4.1	4.1	4.2	4.0	4.0
	210	3.8	3.7	3.7	3.8	3.6	3.7	3.8	3.7	3.7	3.7	3.6	3.6
	230	2.7	3.3	3.3	3.2	3.3	3.3		3.0	3.3	3.0	3.2	3.3
	250					2.3	2.5						2.3
	262												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



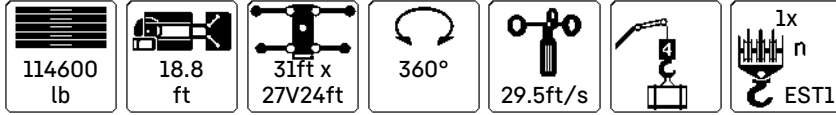
	ft	x1000lb												
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
20														
25														
30														
35														
40														
45														
50														
60	7.0				6.2				5.3			5.3		
70	6.8				6.2				5.3			5.3		
80	6.6				6.1				5.3			5.3		
90	6.3	6.2			5.9	5.8			5.3	5.2		5.3	5.4	
100	6.1	6.0	5.9		5.7	5.6			5.0	4.9		5.3	5.3	
110	5.8	5.7	5.6		5.4	5.3	5.3		4.8	4.6	4.5	5.1	5.1	5.0
120	5.6	5.4	5.4		5.2	5.1	5.1		4.5	4.3	4.3	4.9	4.9	4.8
130	5.3	5.2	5.1		5.0	4.9	4.8		4.2	4.1	4.0	4.7	4.6	4.6
140	5.1	4.9	4.9		4.7	4.7	4.6		4.0	3.8	3.8	4.5	4.5	4.4
150	4.8	4.7	4.7		4.5	4.4	4.4		3.7	3.6	3.6	4.3	4.3	4.2
170	4.4	4.2	4.2		4.1	4.0	4.0		3.3	3.2	3.2	4.0	3.9	3.9
190	3.9	3.9	3.9		3.7	3.7	3.7		2.9	2.8	2.8	3.6	3.6	3.6
210	3.2	3.5	3.5		3.4	3.4	3.4		2.5	2.5	2.5	3.0	3.3	3.3
230		2.5	3.0		2.6	3.0	3.1				2.3		2.3	2.9
250							2.3							
262														
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVK: TV-69ft K-66ft



ft	x1000lb												
	212.6	212.6	212.6	225.6	225.6	225.6							
20													
25													
30													
35													
40													
45													
50													
60	4.5												
70	4.5				3.7								
80	4.5				3.7								
90	4.5	4.9			3.7								
100	4.5	4.7			3.7	4.5							
110	4.5	4.5	4.4		3.7	4.3							
120	4.4	4.2	4.2		3.7	4.1	4.0						
130	4.1	4.0	3.9		3.7	3.8	3.8						
140	3.9	3.8	3.7		3.7	3.6	3.6						
150	3.7	3.5	3.5		3.5	3.4	3.4						
170	3.2	3.2	3.1		3.1	3.1	3.1						
190	2.8	2.8	2.8		2.8	2.7	2.8						
210	2.5	2.5	2.5		2.4	2.4	2.5						
230			2.3				2.2						
250													
262													
	1	45+	45+	45+	90+	90+	90+						
	2	90+	90+	90+	90+	90+	90+						
	3	90+	90+	90+	90+	90+	90+						
	4	90+	90+	90+	90+	90+	90+						
	5	90+	90+	90+	90+	90+	90+						
	6	90+	90+	90+	90+	90+	90+						
	7	90+	90+	90+	90+	90+	90+						
	°	0.0	20.0	40.0	0.0	20.0	40.0						

TVK: TV-69ft K-66ft



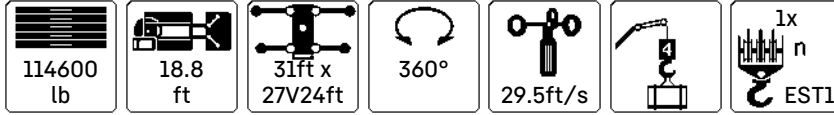
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	20	16.1											
	25	16.1											
	30	16.1											
	35	16.0											
	40	15.4			11.7			11.0			10.9		
	45	14.7	13.0		11.4			10.8			10.7		
	50	13.9	12.4		11.1			10.5			10.4		
	60	12.2	11.4	8.6	10.4			10.0			9.9		
	70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1	
	80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6	
	90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5
	100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2
	110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8
	120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3
	130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9
	140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5
	150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2
	170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6
	190				4.1	4.0	4.0	4.2	4.1	4.1	4.2	4.1	4.1
	210				3.6	3.5	3.5	3.1	3.6	3.6	3.5	3.6	3.6
	230				2.8	3.1	3.2			2.4		2.5	2.7
	250												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



		x1000lb											
ft		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
20													
25													
30													
35													
40													
45		10.0			9.8								
50		9.9			9.6			9.1			8.8		
60		9.4			9.2			8.8			8.5		
70		9.0	8.8		8.8	8.6		8.4			8.1		
80		8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6	
90		8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
100		7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6
110		7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3
120		6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0
130		6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6
140		6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3
150		5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0
170		4.9	4.7	4.6	4.9	4.6	4.6	4.8	4.7	4.6	4.7	4.6	4.5
190		4.2	4.2	4.1	4.3	4.1	4.1	3.6	4.1	4.1	4.2	4.0	4.0
210		2.3	3.3	3.6	2.9	3.6	3.7		2.7	3.4	2.5	3.4	3.6
230							2.4						
250													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



		x1000lb											
ft		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	20												
	25												
	30												
	35												
	40												
	45												
	50				8.2								
	60	6.4			8.0			7.5			6.1		
	70	6.2			7.7			7.2			6.0		
	80	6.0	5.9		7.4	7.2		7.0	6.9		5.8		
	90	5.7	5.5		7.1	6.9		6.7	6.6		5.5	5.4	
	100	5.4	5.1	5.1	6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
	110	5.0	4.8	4.7	6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
	120	4.7	4.5	4.4	6.1	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
	130	4.4	4.2	4.2	5.8	5.6	5.5	5.5	5.4	5.3	4.3	4.2	4.1
	140	4.1	3.9	3.9	5.5	5.3	5.2	5.2	5.1	5.0	4.1	3.9	3.9
	150	3.8	3.7	3.7	5.2	5.0	5.0	5.0	4.9	4.8	3.8	3.7	3.6
	170	3.3	3.2	3.2	4.6	4.5	4.4	4.5	4.4	4.3	3.3	3.2	3.2
	190	2.9	2.8	2.8	3.1	4.0	4.0	3.8	3.9	3.9	2.9	2.8	2.8
	210	2.5	2.5	2.5		2.2	3.0		3.1	3.5	2.5	2.5	2.5
	230												2.3
	250												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



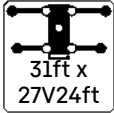
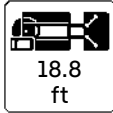
	ft	x1000lb										
		212.6	212.6	212.6	225.6	225.6	225.6					
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	4.5										
	70	4.5			3.7							
	80	4.5			3.7							
	90	4.5	4.9		3.7							
	100	4.5	4.7		3.7	4.5						
	110	4.5	4.5	4.4	3.7	4.3						
	120	4.4	4.2	4.2	3.7	4.1	4.0					
	130	4.1	4.0	3.9	3.7	3.8	3.8					
	140	3.9	3.8	3.7	3.7	3.6	3.6					
	150	3.7	3.5	3.5	3.5	3.4	3.4					
	170	3.2	3.2	3.1	3.1	3.1	3.1					
	190	2.8	2.8	2.8	2.4	2.7	2.8					
	210		2.5	2.5			2.4					
	230											
	250											
	1	45+	45+	45+	90+	90+	90+					
	2	90+	90+	90+	90+	90+	90+					
	3	90+	90+	90+	90+	90+	90+					
	4	90+	90+	90+	90+	90+	90+					
	5	90+	90+	90+	90+	90+	90+					
	6	90+	90+	90+	90+	90+	90+					
	7	90+	90+	90+	90+	90+	90+					
	°	0.0	20.0	40.0	0.0	20.0	40.0					

TVK: TV-69ft K-66ft



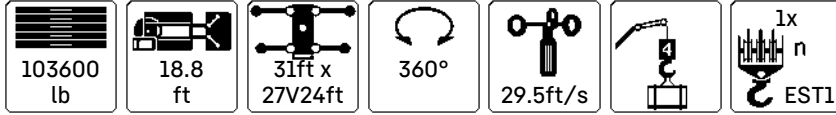
ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6
20	16.1												
25	16.1												
30	16.1												
35	16.0												
40	15.4			11.7			11.0			10.9			
45	14.7	13.0		11.4			10.8			10.7			
50	13.9	12.4		11.1			10.5			10.4			
60	12.2	11.4	8.6	10.4			10.0			9.9			
70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1		
80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6		
90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5	
100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2	
110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8	
120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3	
130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9	
140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5	
150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2	
170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6	
190				4.1	4.0	4.0	3.8	4.1	4.1	4.2	4.1	4.1	
210				3.2	3.5	3.5		2.8	3.3	2.3	3.2	3.6	
230						2.3							
250													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
20													
25													
30													
35													
40													
45	10.0			9.8									
50	9.9			9.6			9.1			8.8			
60	9.4			9.2			8.8			8.5			
70	9.0	8.8		8.8	8.6		8.4			8.1			
80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6		
90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2		
100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6	
110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3	
120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0	
130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6	
140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3	
150	5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0	
170	4.8	4.7	4.6	4.9	4.6	4.6	4.3	4.7	4.6	4.7	4.6	4.5	
190	2.9	4.0	4.1	3.6	4.1	4.1		3.4	4.0	3.0	4.0	4.0	
210			2.6		2.6	3.2							2.8
230													
250													
1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

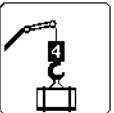
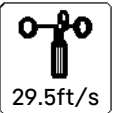
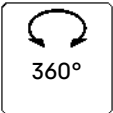
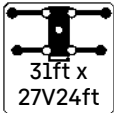
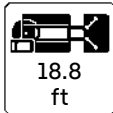
TVK: TV-69ft K-66ft



ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
20														
25														
30														
35														
40														
45														
50														
60	7.0			6.2				5.3			5.3			
70	6.8			6.2				5.3			5.3			
80	6.6			6.1				5.3			5.3			
90	6.3	6.2		5.9	5.8			5.3	5.2		5.3	5.4		
100	6.1	6.0	5.9	5.7	5.6			5.0	4.9		5.3	5.3		
110	5.8	5.7	5.6	5.4	5.3	5.3	5.3	4.8	4.6	4.5	5.1	5.1	5.0	
120	5.6	5.4	5.4	5.2	5.1	5.1	5.1	4.5	4.3	4.3	4.9	4.9	4.8	
130	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.2	4.1	4.0	4.7	4.6	4.6	
140	5.1	4.9	4.9	4.7	4.7	4.6	4.6	4.0	3.8	3.8	4.5	4.5	4.4	
150	4.8	4.7	4.7	4.5	4.4	4.4	4.4	3.7	3.6	3.6	4.3	4.3	4.2	
170	3.4	4.2	4.2	4.1	4.0	4.0	4.0	3.3	3.2	3.2	3.2	3.9	3.9	
190		2.6	3.6	2.4	3.6	3.7	2.9	2.8	2.8			2.4	3.4	
210						2.4		2.4	2.5					
230														
250														

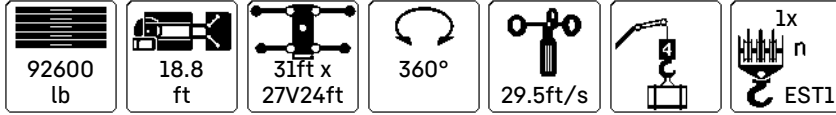
1%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVK: TV-69ft K-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
20													
25													
30													
35													
40													
45	10.0			9.8									
50	9.9			9.6			9.1			8.8			
60	9.4			9.2			8.8			8.5			
70	9.0	8.8		8.8	8.6		8.4			8.1			
80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6		
90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2		
100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6	
110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3	
120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0	
130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6	
140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3	
150	5.6	5.3	5.2	5.5	5.3	5.1	5.3	5.3	5.1	5.3	5.1	5.0	
170	3.6	4.6	4.6	4.2	4.6	4.6	2.8	4.3	4.6	3.7	4.6	4.5	
190		2.6	3.5		3.3	3.9			2.9		2.8	3.6	
210													
230													
241													
1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVK: TV-69ft K-66ft



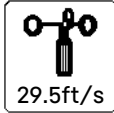
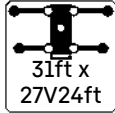
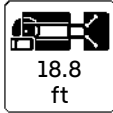
	ft	x1000lb												
		212.6	212.6	212.6	225.6	225.6	225.6							
	20													
	25													
	30													
	35													
	40													
	45													
	50													
	60	4.5												
	70	4.5			3.7									
	80	4.5			3.7									
	90	4.5	4.9		3.7									
	100	4.5	4.7		3.7	4.5								
	110	4.5	4.5	4.4	3.7	4.3								
	120	4.4	4.2	4.2	3.7	4.1	4.0							
	130	4.1	4.0	3.9	3.7	3.8	3.8							
	140	3.9	3.8	3.7	3.7	3.6	3.6							
	150	3.7	3.5	3.5	3.5	3.4	3.4							
	170	2.9	3.2	3.1		3.0	3.1							
	190			2.7										
	210													
	230													
	241													
	1	45+	45+	45+	90+	90+	90+							
	2	90+	90+	90+	90+	90+	90+							
	3	90+	90+	90+	90+	90+	90+							
	4	90+	90+	90+	90+	90+	90+							
	5	90+	90+	90+	90+	90+	90+							
	6	90+	90+	90+	90+	90+	90+							
	7	90+	90+	90+	90+	90+	90+							
	°	0.0	20.0	40.0	0.0	20.0	40.0							

TVK: TV-69ft K-66ft



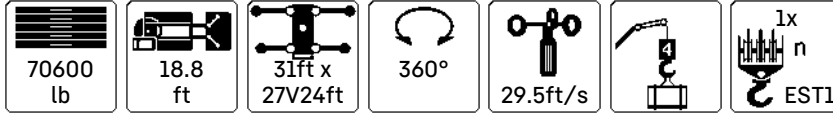
Table with 14 columns and 24 rows. Column headers include 'ft' and 'x1000lb'. The table contains numerical data points for various heights and percentages, ranging from 20 ft to 224 ft and 1% to 0%.

TVK: TV-69ft K-66ft



	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	20												
	25												
	30												
	35												
	40												
	45												
	50				8.2								
	60	6.4			8.0			7.5			6.1		
	70	6.2			7.7			7.2			6.0		
	80	6.0	5.9		7.4	7.2		7.0	6.9		5.8		
	90	5.7	5.5		7.1	6.9		6.7	6.6		5.5	5.4	
	100	5.4	5.1	5.1	6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
	110	5.0	4.8	4.7	6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
	120	4.7	4.5	4.4	5.6	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
	130	4.4	4.2	4.2	4.1	5.6	5.5	5.0	5.4	5.3	4.3	4.2	4.1
	140	4.1	3.9	3.9	2.5	4.6	5.2	3.6	5.0	5.0	4.1	3.9	3.9
	150	3.8	3.7	3.7		3.2	4.6	2.2	4.0	4.7	3.8	3.7	3.6
	170	3.1	3.2	3.2						2.7		3.2	3.2
	190		2.3	2.8									2.2
	210												
	224												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

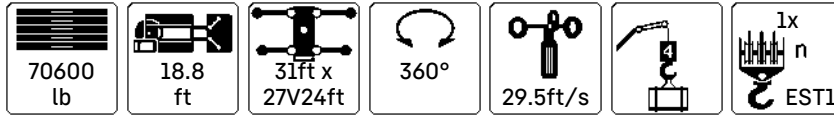
TVK: TV-69ft K-66ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
20													
25													
30													
35													
40													
45													
50													
60	7.0			6.2			5.3			5.3			
70	6.8			6.2			5.3			5.3			
80	6.6			6.1			5.3			5.3			
90	6.3	6.2		5.9	5.8		5.3	5.2		5.3	5.4		
100	6.1	6.0	5.9	5.7	5.6		5.0	4.9		5.3	5.3		
110	5.8	5.7	5.6	5.4	5.3	5.3	4.8	4.6	4.5	5.1	5.1	5.0	
120	5.1	5.4	5.4	5.2	5.1	5.1	4.5	4.3	4.3	4.5	4.9	4.8	
130	3.7	5.1	5.1	4.5	4.9	4.8	4.2	4.1	4.0	3.3	4.6	4.6	
140		4.2	4.9	3.3	4.6	4.6	4.0	3.8	3.8		3.8	4.4	
150		2.8	4.1		3.7	4.4	3.1	3.6	3.6		2.4	3.9	
170						2.5		2.3	3.2				
190													
210													
224													

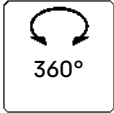
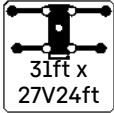
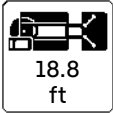
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



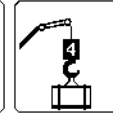
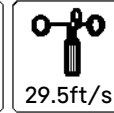
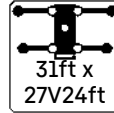
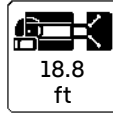
		x1000lb												
	ft	212.6			225.6		225.6							
		212.6	212.6	212.6	225.6	225.6	225.6							
	20													
	25													
	30													
	35													
	40													
	45													
	50													
	60	4.5												
	70	4.5			3.7									
	80	4.5			3.7									
	90	4.5	4.9		3.7									
	100	4.5	4.7		3.7	4.5								
	110	4.5	4.5	4.4	3.7	4.3								
	120	4.4	4.2	4.2	3.6	4.1	4.0							
	130	4.0	4.0	3.9	3.1	3.8	3.8							
	140	3.1	3.8	3.7		3.4	3.6							
	150		3.3	3.5			3.4							
	170			2.4										
	190													
	210													
	224													
	1	45+	45+	45+	90+	90+	90+							
	2	90+	90+	90+	90+	90+	90+							
	3	90+	90+	90+	90+	90+	90+							
	4	90+	90+	90+	90+	90+	90+							
	5	90+	90+	90+	90+	90+	90+							
	6	90+	90+	90+	90+	90+	90+							
	7	90+	90+	90+	90+	90+	90+							
	°	0.0	20.0	40.0	0.0	20.0	40.0							

TVK: TV-69ft K-66ft



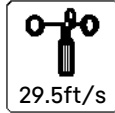
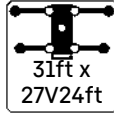
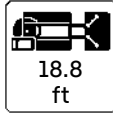
		x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	ft												
	20	16.1											
	25	16.1											
	30	16.1											
	35	16.0											
	40	15.4			11.7			11.0			10.9		
	45	14.7	13.0		11.4			10.8			10.7		
	50	13.9	12.4		11.1			10.5			10.4		
	60	12.2	11.4	8.6	10.4			10.0			9.9		
	70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1	
	80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6	
	90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5
	100	6.8	6.8	6.8	8.1	7.8	7.3	7.9	7.6	7.3	7.9	7.6	7.2
	110	6.0	6.0	6.0	7.4	7.2	6.8	5.9	7.1	6.8	6.4	7.1	6.8
	120	5.3	5.3	5.4	5.8	6.6	6.4	4.1	6.4	6.4	4.6	6.5	6.3
	130	4.7	4.7	4.8	4.2	6.0	5.9	2.2	4.6	5.9	2.9	5.0	5.9
	140	4.1	4.2	4.3	2.7	4.5	5.5		2.9	4.5		3.4	4.9
	150	3.7	3.7	3.8		3.1	4.3			2.9			3.3
	170	3.0											
	190												
	197												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



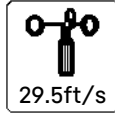
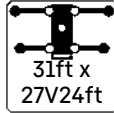
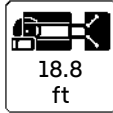
		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	20												
	25												
	30												
	35												
	40												
	45												
	50				8.2								
	60	6.4			8.0			7.5			6.1		
	70	6.2			7.7			7.2			6.0		
	80	6.0	5.9		7.4	7.2		7.0	6.9		5.8		
	90	5.7	5.5		7.0	6.9		6.7	6.6		5.5	5.4	
	100	5.4	5.1	5.1	5.1	6.6	6.4	6.0	6.3	6.1	5.3	5.1	4.9
	110	5.0	4.8	4.7	3.1	5.7	6.1	4.2	5.9	5.9	4.9	4.8	4.7
	120	4.7	4.5	4.4		4.0	5.6		4.7	5.6	4.3	4.5	4.4
	130	4.1	4.2	4.2			4.1		3.1	4.8	3.0	4.2	4.1
	140	2.9	3.9	3.9						3.3		3.4	3.9
	150		3.2	3.7									3.4
	170												
	190												
	197												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



		x1000lb												
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
20														
25														
30														
35														
40														
45														
50														
60		7.0			6.2			5.3			5.3			
70		6.8			6.2			5.3			5.3			
80		6.6			6.1			5.3			5.3			
90		6.2	6.2		5.9	5.8		5.3	5.2		5.3	5.4		
100		4.5	6.0	5.9	5.5	5.6		5.0	4.9		4.1	5.3		
110			5.2	5.6	3.8	5.3	5.3	4.8	4.6	4.5		4.8	5.0	
120			3.5	5.2		4.4	5.1	3.2	4.3	4.3		3.1	4.8	
130				3.7		2.9	4.5		3.8	4.0			3.5	
140							3.1		2.3	3.7				
150										2.5				
170														
190														
197														
%		1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
%		2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%		3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%		4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%		5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%		6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%		7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°			0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



		x1000lb													
	ft	212.6	212.6	212.6	225.6	225.6	225.6								
	20														
	25														
	30														
	35														
	40														
	45														
	50														
	60	4.5													
	70	4.5				3.7									
	80	4.5				3.7									
	90	4.5	4.9			3.7									
	100	4.5	4.7			3.7	4.5								
	110	3.5	4.5	4.4			4.2								
	120		4.0	4.2			2.8	4.0							
	130		2.5	3.9				3.2							
	140			2.9											
	150														
	170														
	190														
	197														
	1	45+	45+	45+	90+	90+	90+								
	2	90+	90+	90+	90+	90+	90+								
	3	90+	90+	90+	90+	90+	90+								
	4	90+	90+	90+	90+	90+	90+								
	5	90+	90+	90+	90+	90+	90+								
	6	90+	90+	90+	90+	90+	90+								
	7	90+	90+	90+	90+	90+	90+								
	°	0.0	20.0	40.0	0.0	20.0	40.0								

TVK: TV-69ft K-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
20	16.1												
25	16.1												
30	16.1												
35	16.0												
40	15.4			11.7			11.0				10.9		
45	14.7	13.0		11.4			10.8				10.7		
50	13.9	12.4		11.1			10.5				10.4		
60	12.2	11.4	8.6	10.4			10.0				9.9		
70	10.6	10.2	8.1	9.8	9.5		9.5	9.2			9.4	9.1	
80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7			8.9	8.6	
90	7.8	7.7	7.3	8.6	8.3	7.5	7.8	8.1	7.5		8.1	8.1	7.5
100	6.8	6.8	6.8	7.2	7.8	7.3	5.4	7.6	7.3	5.9	7.6	7.6	7.2
110	6.0	6.0	6.0	5.2	7.0	6.8	3.3	6.0	6.8	3.9	6.4	6.4	6.8
120	5.3	5.3	5.4	3.4	5.6	6.4		4.0	6.0		4.5	6.3	
130	4.7	4.7	4.8		3.9	5.5			4.1		2.7	4.5	
140	4.1	4.2	4.3		2.3	3.8			2.3			2.8	
150	3.7	3.7	3.8										
170	3.0												
190													

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



		x1000lb												
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
	20													
	25													
	30													
	35													
	40													
	45	10.0			9.8									
	50	9.9			9.6			9.1			8.8			
	60	9.4			9.2			8.8			8.5			
	70	9.0	8.8		8.8	8.6		8.4			8.1			
	80	8.6	8.3		8.4	8.2		7.9	7.8		7.8	7.6		
	90	6.5	7.9	7.5	7.1	7.7	7.4	5.5	7.4	7.2	6.3	7.2		
	100	4.1	7.0	7.1	5.0	7.3	7.0	3.1	6.1	6.8	4.2	6.8	6.6	
	110		4.9	6.7	2.8	5.5	6.6		4.2	6.3		4.8	6.3	
	120		2.8	5.1		3.6	5.6			4.4			5.0	
	130			3.2			3.8			2.4			3.3	
	140													
	150													
	170													
	190													
	%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
	%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
20													
25													
30													
35													
40													
45													
50				8.2									
60	6.4			8.0			7.5			6.1			
70	6.2			7.7			7.2			6.0			
80	6.0	5.9		7.0	7.2		7.0	6.9		5.8			
90	5.7	5.5		4.7	6.9		5.6	6.6		5.5	5.4		
100	5.4	5.1	5.1		5.4	6.4	3.5	6.0	6.1	5.3	5.1	4.9	
110	4.8	4.8	4.7		3.5	5.7		4.3	5.8	3.8	4.8	4.7	
120	3.5	4.5	4.4			3.9		2.5	4.5		4.3	4.4	
130		3.9	4.2						2.9		2.8	4.1	
140		2.5	3.7									3.0	
150			2.6										
170													
190													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVK: TV-69ft K-66ft












ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
20													
25													
30													
35													
40													
45													
50													
60	7.0			6.2				5.3			5.3		
70	6.8			6.2				5.3			5.3		
80	6.1			6.1				5.3			5.2		
90	4.0	6.2		5.1	5.8			5.3	5.2		3.4	5.4	
100		4.9	5.9		5.5			4.2	4.9			4.5	
110			2.9	5.1		4.0		5.3		4.5		2.4	4.8
120				3.4				4.2		3.2	4.3		3.1
130								2.5			3.5		
140													
150													
170													
190													

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

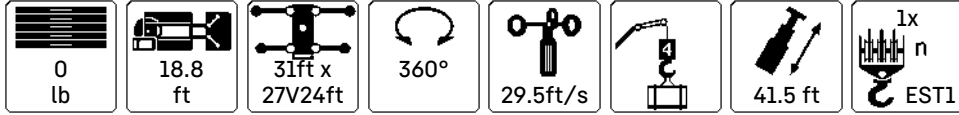
TVK: TV-69ft K-66ft












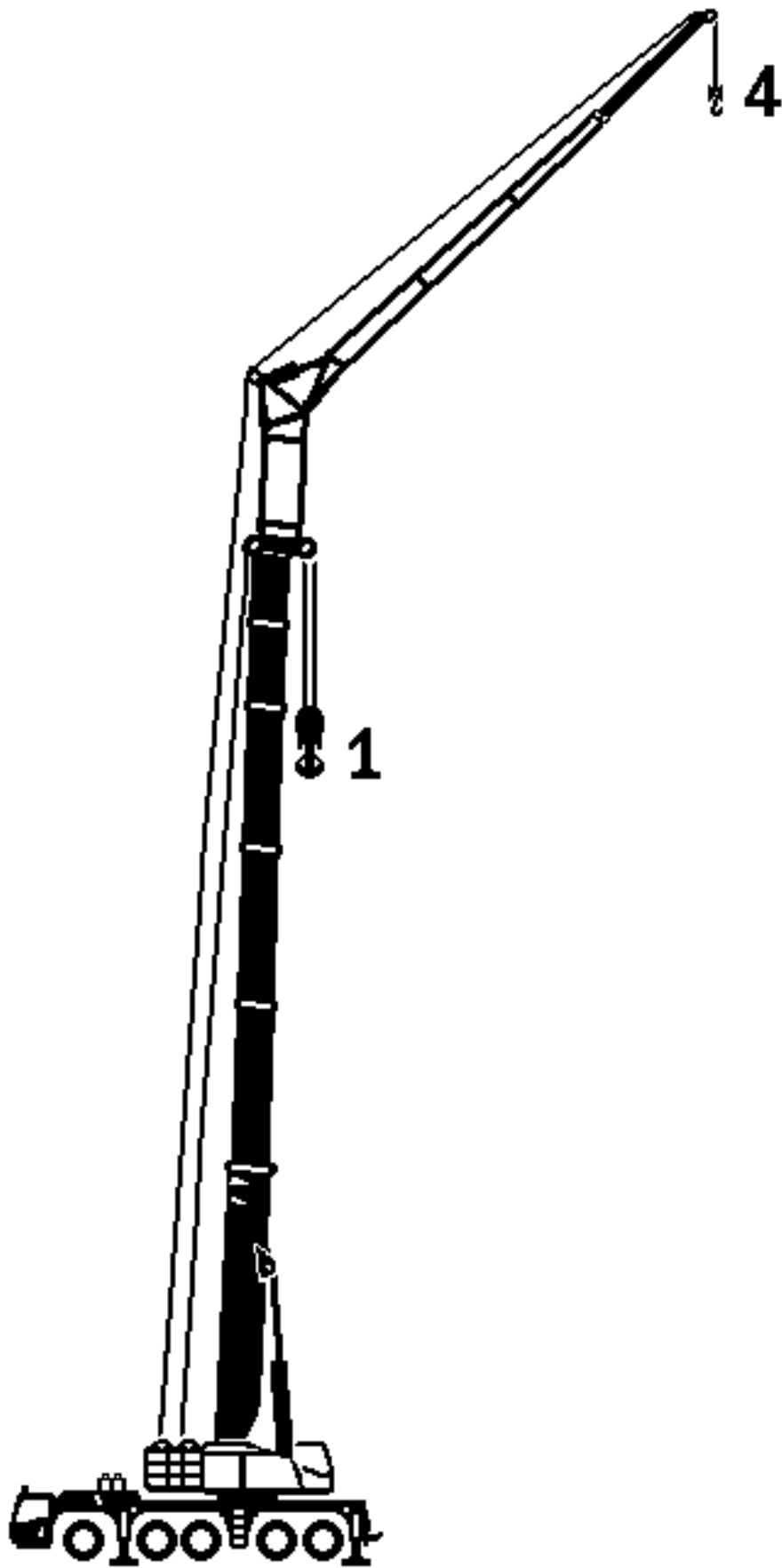
		x1000lb										
	ft	212.6	212.6	212.6	225.6	225.6						
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	4.5										
	70	4.5			3.7							
	80	4.5			3.7							
	90	4.5	4.9		3.3							
	100	2.6	4.7			4.1						
	110		3.7	4.4								
	120			3.9								
	130			2.2								
	140											
	150											
	170											
	190											

	1	45+	45+	45+	90+	90+						
	2	90+	90+	90+	90+	90+						
	3	90+	90+	90+	90+	90+						
	4	90+	90+	90+	90+	90+						
	5	90+	90+	90+	90+	90+						
	6	90+	90+	90+	90+	90+						
	7	90+	90+	90+	90+	90+						
	°	0.0	20.0	40.0	0.0	20.0						

TVK: TV-69ft K-66ft



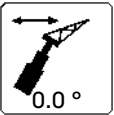
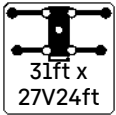
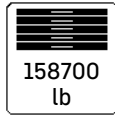
		x1000lb									
	ft										
	20	16.1									
	22	16.1									
	24	16.1									
	26	16.1									
	28	16.1									
	30	16.1									
	32	16.1									
	34	16.0									
	36	15.9									
	38	15.7									
	40	15.4									
	45	14.7	13.0								
	50	13.9	12.4								
	55	13.1	11.9								
	60	12.2	11.4	8.6							
	65	11.4	10.9	8.3							
	70	10.6	10.2	8.1							
	75	9.8	9.5	7.9							
	80	9.1	8.9	7.7							
	85	8.3	8.3	7.5							
	90	7.3	7.7	7.3							
	95	6.4	7.3	7.1							
	100	5.6	6.8	6.8							
	105	4.9	6.0	6.4							
	110	4.3	5.3	6.0							
	115	3.6	4.7	5.4							
	120	2.8	4.1	4.7							
	125		3.5	4.1							
	130		2.7	3.5							
	135			2.7							
	138			2.2							
	1	0+	0+	0+							
	2	0+	0+	0+							
	3	0+	0+	0+							
	4	0+	0+	0+							
	5	0+	0+	0+							
	6	0+	0+	0+							
	7	0+	0+	0+							
	°	0.0	20.0	40.0							



TVNZK

TVNZK: TV-23ft NZK-38ft	632
TVNZK: TV-23ft NZK-66ft	681
TVNZK: TV-46ft NZK-38ft	730
TVNZK: TV-46ft NZK-66ft	779
TVNZK: TV-69ft NZK-38ft	828
TVNZK: TV-69ft NZK-66ft	879

TVNZK: TV-23ft NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
18		46.1											
20		46.1											
25		46.1	40.4										
30		43.4	39.3	36.8	36.3								
35		39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
40		35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
45		31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
50		27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2
60		22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6
70		18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5
80		15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4
90		13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.4	19.2	13.3
100			21.1	21.7	21.5	21.5	21.2	20.7	20.1	12.2	19.4	17.9	12.2
110			19.3	19.9	19.7	20.0	19.6	19.5	18.9	11.2	18.4	16.6	11.2
120			17.8	18.3	18.2	18.5	18.2	18.3	17.2	10.3	17.2	15.2	10.3
130			16.4	17.0	16.9	17.2	17.0	17.1	15.5	9.5	15.7	13.9	9.6
140			15.2	15.8	15.7	16.1	15.7	16.0	14.0	8.9	14.3	12.6	9.0
150			14.2	14.7	14.7	15.0	14.4	14.8	12.7	8.3	13.0	11.3	8.4
170			12.5	12.2	12.7	11.3	11.8	10.8	10.4	7.3	10.6	9.4	7.5
190				9.2	9.6	8.4	9.1	7.9	8.7	6.5	7.8	8.0	6.7
210						4.7	5.4	5.4	6.5	5.7	5.2	6.5	6.0
230											3.3	4.5	5.4
250													
260													
%													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	18												
	20												
	25												
	30												
	35												
	40	20.3	18.5										
	45	20.1	18.3	16.1	16.7	14.8	12.0						
	50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
	60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
	70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
	80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
	90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
	100	16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
	110	15.7	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
	120	14.6	12.2	10.2	12.0	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
	130	13.6	11.4	9.6	11.2	9.5	7.9	9.4	7.8	7.7	7.5	7.4	
	140	12.5	10.6	9.0	10.6	9.0	7.5	8.9	7.4	7.3	7.2	7.1	
	150	11.5	10.0	8.5	10.0	8.5	7.0	8.5	6.9	7.0	6.8	6.8	
	170	9.6	8.8	7.6	8.8	7.7	6.0	7.7	6.1	6.3	6.0	6.0	
	190	8.0	7.5	6.7	7.7	7.0	5.0	7.0	5.2	5.7	5.2	5.0	
	210	5.5	6.4	5.7	5.8	6.0	4.0	6.1	4.3	5.1	4.3	3.9	
	230	3.5	4.8	4.8	3.7	5.1	3.0	4.1	3.3	4.2	3.4	2.8	
	250			3.2		3.4		2.4	2.5	2.5	2.3		
	260					2.3							

%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	18												
	20												
	25												
	30	36.8											
	35	33.3											
	40	30.2	31.7										
	45	27.3	30.3	29.4	29.1	27.9							
	50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2				
	60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5
	70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6
	80	15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6
	90	13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5
	100		18.5	18.7	18.6	18.7	18.5	18.4	18.0	11.7	17.8	17.1	11.7
	110		17.1	17.4	17.3	17.5	17.3	17.3	16.9	10.8	16.8	16.0	10.8
	120		15.9	16.3	16.2	16.4	16.2	16.3	16.0	10.0	15.9	14.9	10.1
	130		14.9	15.3	15.2	15.5	15.3	15.4	15.1	9.4	15.0	13.8	9.4
	140		14.0	14.4	14.3	14.6	14.4	14.6	14.0	8.7	14.1	12.7	8.9
	150		13.3	13.6	13.6	13.8	13.7	13.9	12.8	8.2	13.1	11.6	8.3
	170		12.1	12.4	12.4	11.9	12.0	11.5	10.6	7.3	10.9	9.6	7.4
	190			9.4	9.8	8.7	9.4	8.3	8.9	6.5	8.2	8.1	6.7
	210							5.7	6.8	5.8	5.6	6.8	6.0
	230										3.5	4.7	5.4
	250												
	260												

	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



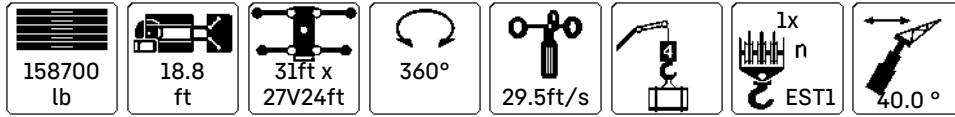
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	18.5	17.1	14.8	15.9	14.1	11.3					
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1
	90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8
	100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4
	110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1
	120	14.3	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8
	130	13.4	11.0	9.4	10.9	9.3	7.9	9.2	7.7	7.7	7.5	7.4
	140	12.4	10.4	8.9	10.2	8.8	7.5	8.8	7.4	7.3	7.1	7.1
	150	11.5	9.7	8.4	9.7	8.4	7.0	8.3	7.0	6.9	6.8	6.7
	170	9.8	8.8	7.5	8.8	7.6	6.2	7.5	6.2	6.3	6.1	6.1
	190	8.4	7.6	6.8	7.8	6.9	5.2	6.9	5.3	5.7	5.3	5.3
	210	6.0	6.5	5.9	6.3	6.1	4.2	6.3	4.4	5.2	4.5	4.2
	230	3.8	5.1	4.8	4.1	5.2	3.2	4.5	3.5	4.6	3.6	3.1
	250				2.2	3.6	2.2	2.7	2.6	2.8	2.6	
	260											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft

158700 lb | 18.8 ft | 31ft x 27V24ft | 360° | 29.5ft/s | EST1 | 40.0°

ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
18													
20													
25													
30													
35													
40	22.2												
45	21.1												
50	20.1	21.9	21.9	21.9									
60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3					
70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7	
80	14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9	
90	13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2	
100		16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3	
110		15.9	16.2	16.1	16.2	16.0	16.0	15.7	10.6	15.6	15.2	10.6	
120		15.0	15.3	15.2	15.3	15.2	15.2	15.0	10.0	14.9	14.4	10.0	
130		14.3	14.5	14.5	14.6	14.5	14.5	14.3	9.4	14.3	13.7	9.4	
140		13.6	13.9	13.8	14.0	13.9	13.9	13.7	8.8	13.8	12.8	8.9	
150		13.1	13.3	13.3	13.4	13.3	13.4	12.8	8.2	13.1	11.8	8.4	
170		11.9	12.5	12.5	12.2	12.1	11.9	10.7	7.3	11.1	9.7	7.5	
190					8.8	9.5	8.5	9.0	6.6	8.5	8.2	6.8	
210							5.7	6.8	5.9	5.8	6.9	6.1	
230													
250													
260													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

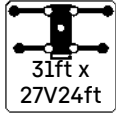
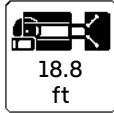
TVNZK: TV-23ft NZK-38ft












		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
18													
20													
25													
30													
35													
40													
45													
50													
60													
70		17.0	15.8	13.3	14.6	12.8							
80		16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
90		15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
100		15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
110		14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
120		13.9	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
130		13.2	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
140		12.4	10.3	8.8	10.2	8.8	7.5	8.7	7.4	7.4	7.2	7.2	
150		11.6	9.7	8.4	9.7	8.4	7.1	8.3	7.1	7.0	6.9	6.8	
170		10.0	8.8	7.6	8.8	7.6	6.4	7.6	6.3	6.4	6.2	6.2	
190		8.6	7.7	6.9	7.9	6.9	5.3	7.0	5.5	5.8	5.4	5.4	
210		6.2	6.6	5.9	6.6	6.2	4.3	6.3	4.5	5.2	4.6	4.4	
230		3.8	5.1	4.9	4.2	5.3	3.3	4.7	3.6	4.7	3.7	3.2	
250						3.6	2.2	2.7	2.6	2.9	2.8		
260													

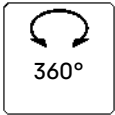
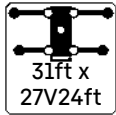
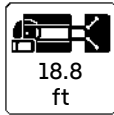
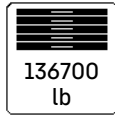
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	

TVNZK: TV-23ft NZK-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	20.3	18.5										
45	20.1	18.3	16.1	16.7	14.8	12.0						
50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100	16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
110	15.7	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
120	14.6	12.2	10.2	12.0	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
130	13.6	11.4	9.6	11.2	9.5	7.9	9.4	7.8	7.7	7.5	7.4	
140	12.5	10.6	9.0	10.6	9.0	7.5	8.9	7.4	7.3	7.2	7.1	
150	11.3	10.0	8.5	10.0	8.5	7.0	8.5	6.9	7.0	6.8	6.8	
170	8.1	8.8	7.6	8.3	7.7	6.0	7.7	6.1	6.3	6.0	6.0	
190	5.5	6.8	6.7	5.7	6.9	5.0	6.0	5.2	5.6	5.2	5.0	
210	3.1	4.5	5.7	3.4	4.9	4.0	3.8	4.3	3.8	3.5	3.3	
230		2.6	3.9		3.0	3.0		2.8				
250			2.4									
251			2.3									
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5	
70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6	
80	15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6	
90	13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5	
100		18.5	18.7	18.6	18.7	18.5	18.4	18.0	11.7	17.8	17.1	11.7	
110		17.1	17.4	17.3	17.5	17.3	17.3	16.9	10.8	16.8	16.0	10.8	
120		15.9	16.3	16.2	16.4	16.2	16.3	16.0	10.0	15.9	14.9	10.1	
130		14.9	15.3	15.2	15.5	15.3	15.4	15.1	9.4	15.0	13.8	9.4	
140		14.0	14.4	14.3	14.6	14.4	14.6	14.0	8.7	14.1	12.7	8.9	
150		13.3	13.4	13.6	12.8	13.5	12.4	12.8	8.2	12.2	11.6	8.3	
170		11.0	9.6	10.1	9.0	9.6	8.6	9.4	7.3	8.5	9.4	7.4	
190			6.8	7.4	6.1	6.9	5.7	6.8	6.5	5.7	6.9	6.7	
210							3.3	4.4	5.8	3.2	4.4	6.0	
230											2.5	5.0	
250													
251													
<hr/>													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	45+	90+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

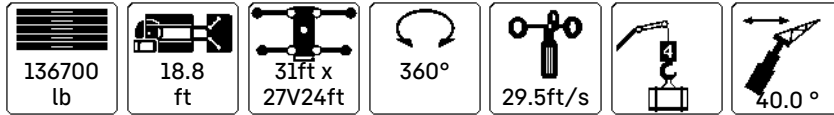
TVNZK: TV-23ft NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	18.5	17.1	14.8	15.9	14.1	11.3							
70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3		
80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1		
90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8		
100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4		
110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1		
120	14.3	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8		
130	13.4	11.0	9.4	10.9	9.3	7.9	9.2	7.7	7.7	7.5	7.4		
140	12.4	10.4	8.9	10.2	8.8	7.5	8.8	7.4	7.3	7.1	7.1		
150	11.5	9.7	8.4	9.7	8.4	7.0	8.3	7.0	6.9	6.8	6.7		
170	8.8	8.8	7.5	8.7	7.6	6.2	7.5	6.2	6.3	6.1	6.1		
190	6.1	7.2	6.8	6.4	6.9	5.2	6.6	5.3	5.7	5.3	5.3		
210	3.6	4.9	5.9	3.9	5.3	4.2	4.4	4.4	4.3	4.0	3.8		
230		2.9	4.1		3.3	3.2	2.3	3.2	2.5	2.3			
250						2.2							
251													

%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

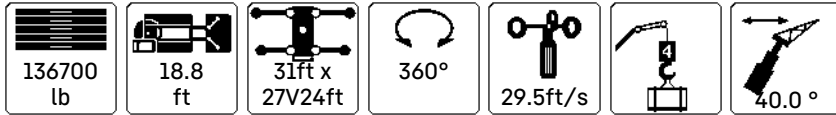
TVNZK: TV-23ft NZK-38ft












ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30													
35	23.6												
40	22.2												
45	21.1												
50	20.1	21.9	21.9	21.9									
60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3					
70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7	
80	14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9	
90	13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2	
100		16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3	
110		15.9	16.2	16.1	16.2	16.0	16.0	15.7	10.6	15.6	15.2	10.6	
120		15.0	15.3	15.2	15.3	15.2	15.2	15.0	10.0	14.9	14.4	10.0	
130		14.3	14.5	14.5	14.6	14.5	14.5	14.3	9.4	14.3	13.7	9.4	
140		13.6	13.9	13.8	14.0	13.9	13.9	13.7	8.8	13.8	12.8	8.9	
150		13.1	13.3	13.3	13.3	13.3	12.9	12.8	8.2	12.8	11.8	8.4	
170		11.1	9.8	10.2	9.2	9.8	8.9	9.7	7.3	8.8	9.6	7.5	
190					6.2	7.0	6.0	7.0	6.6	6.0	7.1	6.8	
210							3.3	4.4	5.9	3.4	4.6	6.1	
230													
250													
251													

1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









TVNZK: TV-23ft NZK-38ft



	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	17.0	15.8	13.3	14.6	12.8							
	80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
	90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
	100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
	110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
	120	13.9	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
	130	13.2	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
	140	12.4	10.3	8.8	10.2	8.8	7.5	8.7	7.4	7.4	7.2	7.2	
	150	11.6	9.7	8.4	9.7	8.4	7.1	8.3	7.1	7.0	6.9	6.8	
	170	9.2	8.8	7.6	8.8	7.6	6.4	7.6	6.3	6.4	6.2	6.2	
	190	6.4	7.5	6.9	6.7	6.9	5.3	6.8	5.5	5.8	5.4	5.4	
	210	3.8	5.1	5.9	4.2	5.6	4.3	4.6	4.5	4.7	4.4	4.1	
	230		2.9	4.2		3.4	3.3	2.5	3.4	2.7	2.5	2.3	
	250						2.2						
	251												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
	50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2
	60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6
	70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5
	80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4
	90	13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.4	19.2	13.3
	100		21.1	21.7	21.5	21.5	21.2	20.6	20.1	12.2	19.4	17.9	12.2
	110		19.3	19.9	19.7	19.2	19.6	18.2	18.8	11.2	17.4	16.6	11.2
	120		17.8	17.0	17.6	16.1	16.9	15.2	16.3	10.3	14.6	15.2	10.3
	130		15.6	14.0	14.5	13.1	13.9	12.5	13.6	9.5	12.2	13.4	9.6
	140		13.1	11.4	12.0	10.6	11.4	10.0	11.1	8.9	9.9	11.0	9.0
	150		10.9	9.5	9.9	8.7	9.4	8.3	9.2	8.3	8.1	9.1	8.4
	170		8.0	6.5	7.0	5.6	6.5	5.2	6.3	7.3	5.1	6.3	7.5
	190			4.0	4.5	3.1	3.9	2.7	3.7	6.5	2.5	3.8	6.4
	210									5.1			4.4
	230												2.7
	237												2.2
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x










TVNZK: TV-23ft NZK-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		20.3	18.5										
45		20.1	18.3	16.1	16.7	14.8	12.0						
50		19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60		19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70		18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80		18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90		17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100		16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
110		15.7	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
120		14.4	12.2	10.2	12.0	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
130		12.2	11.4	9.6	11.2	9.5	7.9	9.4	7.8	7.7	7.5	7.4	
140		10.1	10.6	9.0	10.1	9.0	7.5	8.9	7.4	7.3	7.2	7.1	
150		8.4	9.5	8.5	8.4	8.5	7.0	8.3	6.9	7.0	6.8	6.8	
170		5.4	6.7	7.6	5.5	6.9	6.0	5.6	6.1	5.5	5.1	4.9	
190		2.9	4.2	5.5	3.2	4.6	5.0	3.4	4.2	3.3	3.0	2.7	
210				3.4		2.5	3.2		2.4				
230													
237													
<hr/>													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft



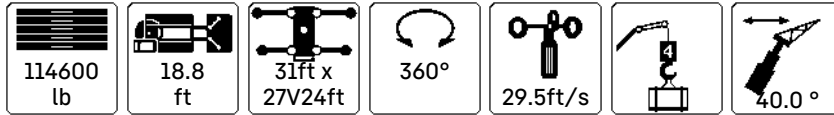
	x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	18.5	17.1	14.8	15.9	14.1	11.3					
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1
	90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8
	100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4
	110	15.2	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1
	120	14.3	11.8	10.0	11.6	9.9	8.4	9.7	8.2	8.1	7.9	7.8
	130	13.1	11.0	9.4	10.9	9.3	7.9	9.2	7.7	7.7	7.5	7.4
	140	11.2	10.4	8.9	10.2	8.8	7.5	8.8	7.4	7.3	7.1	7.1
	150	9.2	9.7	8.4	9.3	8.4	7.0	8.3	7.0	6.9	6.8	6.7
	170	6.2	7.3	7.5	6.2	7.4	6.2	6.4	6.2	6.1	5.8	5.6
	190	3.5	4.8	6.0	3.8	5.2	5.2	4.0	4.7	3.9	3.6	3.3
	210		2.6	3.8		3.0	3.6		2.8			
	230											
	237											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	23.6											
	40	22.2											
	45	21.1											
	50	20.1	21.9	21.9	21.9								
	60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
	70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
	80	14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
	90	13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2
	100		16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3
	110		15.9	16.2	16.1	16.2	16.0	16.0	15.7	10.6	15.6	15.2	10.6
	120		15.0	15.3	15.2	15.3	15.2	15.2	15.0	10.0	14.9	14.4	10.0
	130		14.3	14.5	14.5	14.4	14.5	14.2	14.3	9.4	14.0	13.7	9.4
	140		13.6	12.9	13.3	12.2	13.0	11.8	12.7	8.8	11.7	12.6	8.9
	150		11.9	10.5	11.0	9.8	10.5	9.5	10.4	8.2	9.4	10.5	8.4
	170		8.4	7.2	7.7	6.6	7.3	6.3	7.2	7.3	6.3	7.3	7.5
	190					3.6	4.5	3.4	4.4	6.6	3.4	4.6	6.7
	210									5.3		2.2	4.8
	230												
	237												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TVNZK: TV-23ft NZK-38ft



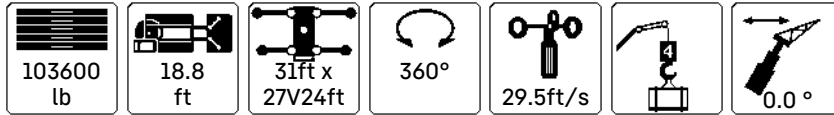
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	17.0	15.8	13.3	14.6	12.8								
80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1		
90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8		
100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5		
110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2		
120	13.9	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8		
130	13.2	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5		
140	11.9	10.3	8.8	10.2	8.8	7.5	8.7	7.4	7.4	7.2	7.2		
150	9.8	9.7	8.4	9.5	8.4	7.1	8.3	7.1	7.0	6.9	6.8		
170	6.6	7.7	7.6	6.7	7.6	6.4	6.9	6.3	6.3	6.2	6.0		
190	3.8	5.2	6.2	4.1	5.5	5.3	4.4	5.1	4.3	4.0	3.8		
210		2.8	4.0		3.2	3.9	2.3	3.1	2.3				
230													
237													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x


TVNZK: TV-23ft NZK-38ft











	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
	50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2
	60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6
	70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5
	80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4
	90	13.5	23.4	23.6	23.4	23.0	22.6	21.9	21.3	13.4	20.3	19.2	13.3
	100		21.1	21.6	21.5	20.1	21.0	19.1	19.8	12.2	18.3	17.9	12.2
	110		19.3	18.0	18.5	16.8	17.6	15.8	16.9	11.2	15.1	16.2	11.2
	120		16.2	14.6	15.2	13.6	14.5	13.0	14.1	10.3	12.4	13.6	10.3
	130		13.4	11.8	12.3	10.8	11.7	10.4	11.4	9.5	10.1	11.3	9.6
	140		11.0	9.5	10.0	8.8	9.5	8.4	9.2	8.9	8.2	9.2	9.0
	150		9.2	7.9	8.4	7.2	7.9	6.7	7.6	8.3	6.5	7.6	8.4
	170		6.5	4.9	5.5	4.1	4.9	3.7	4.7	7.3	3.5	4.8	7.2
	190			2.6	3.2		2.6		2.3	5.8		2.4	5.1
	210									3.9			3.1
	229									2.5			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

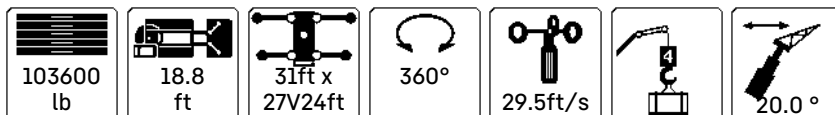
TVNZK: TV-23ft NZK-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40		20.3	18.5									
45		20.1	18.3	16.1	16.7	14.8	12.0					
50		19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9	
60		19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5
70		18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3
80		18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1
90		17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8
100		16.6	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4
110		15.0	13.2	11.0	12.8	10.9	8.9	10.6	8.6	8.5	8.2	8.1
120		12.4	12.2	10.2	11.8	10.1	8.4	9.9	8.2	8.1	7.9	7.8
130		10.2	11.3	9.6	10.1	9.5	7.9	9.4	7.8	7.7	7.5	7.4
140		8.3	9.6	9.0	8.3	9.0	7.5	8.3	7.4	7.3	7.1	7.1
150		6.6	8.0	8.5	6.6	8.1	7.0	6.7	6.9	6.5	6.2	5.9
170		3.9	5.3	6.4	3.9	5.4	5.9	4.1	4.9	4.0	3.6	3.4
190			2.9	4.1		3.2	3.8		2.8			
210												
229												

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5	
70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6	
80	15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6	
90	13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5	
100		18.5	18.7	18.6	18.7	18.5	18.4	18.0	11.7	17.8	17.1	11.7	
110		17.1	17.4	17.3	17.4	17.3	16.9	16.9	10.8	16.2	16.0	10.8	
120		15.9	15.7	16.2	14.9	15.6	14.3	15.2	10.0	13.7	14.7	10.1	
130		14.3	12.8	13.3	12.0	12.8	11.5	12.5	9.4	11.2	12.4	9.4	
140		11.8	10.3	10.8	9.6	10.3	9.2	10.1	8.7	9.1	10.1	8.9	
150		9.7	8.5	9.0	7.9	8.5	7.5	8.3	8.2	7.4	8.3	8.3	
170		6.9	5.5	6.0	4.7	5.5	4.4	5.4	7.3	4.3	5.5	7.4	
190			2.9	3.4		3.0		2.8	6.1		2.9	5.5	
210									4.1			3.5	
229													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

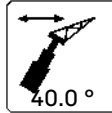
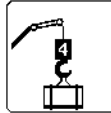
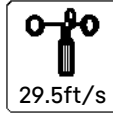
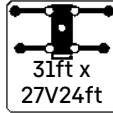
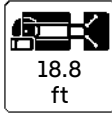
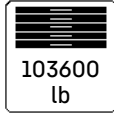
TVNZK: TV-23ft NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30													
35		23.6											
40		22.2											
45		21.1											
50		20.1	21.9	21.9	21.9								
60		18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
70		16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
80		14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
90		13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2
100			16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3
110			15.9	16.2	16.1	16.2	16.0	16.0	15.7	10.6	15.6	15.2	10.6
120			15.0	15.3	15.2	15.3	15.2	15.1	15.0	10.0	14.7	14.4	10.0
130			14.3	13.5	13.9	12.8	13.5	12.4	13.3	9.4	12.1	13.2	9.4
140			12.2	10.9	11.4	10.2	10.9	9.8	10.7	8.8	9.7	10.7	8.9
150			10.0	8.9	9.3	8.3	8.9	8.0	8.8	8.2	7.9	8.8	8.4
170			6.9	5.7	6.2	5.1	5.9	4.8	5.8	7.3	4.8	5.9	7.5
190						2.2	3.1		3.1	6.3		3.2	5.7
210										4.1			3.5
229													

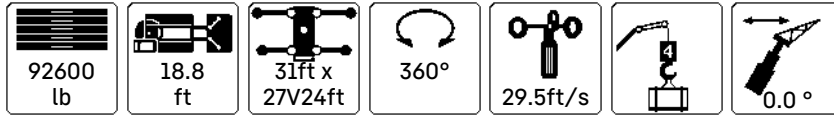
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



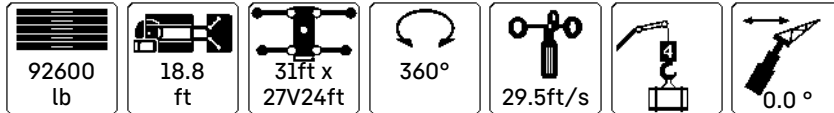
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70	17.0	15.8	13.3	14.6	12.8							
80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
100	15.1	13.3	11.1	13.0	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
110	14.5	12.4	10.5	12.2	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
120	13.8	11.6	9.9	11.4	9.8	8.3	9.6	8.2	8.2	7.9	7.8	
130	12.3	10.9	9.3	10.7	9.3	7.9	9.2	7.8	7.8	7.6	7.5	
140	10.1	10.3	8.8	10.0	8.8	7.5	8.7	7.4	7.4	7.2	7.2	
150	8.2	9.2	8.4	8.2	8.4	7.1	8.1	7.1	7.0	6.9	6.8	
170	5.1	6.3	7.3	5.2	6.5	6.4	5.4	6.0	5.3	5.0	4.7	
190	2.4	3.8	5.0	2.8	4.1	4.7	3.0	3.8	3.0	2.7	2.4	
210			2.8			2.7						
229												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
	50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2
	60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6
	70	18.6	28.0	27.5	27.3	26.4	25.8	24.6	23.7	15.9	22.4	21.2	15.5
	80	15.7	25.7	25.4	25.2	24.6	24.2	23.3	22.5	14.6	21.4	20.3	14.4
	90	13.5	23.4	22.9	23.1	21.4	21.9	20.2	21.0	13.4	19.3	19.2	13.3
	100		20.9	18.9	19.5	17.5	18.4	16.5	17.6	12.2	15.8	17.0	12.2
	110		17.1	15.4	16.0	14.3	15.2	13.4	14.5	11.2	12.8	14.0	11.2
	120		13.9	12.2	12.8	11.3	12.2	10.8	11.8	10.3	10.3	11.5	10.3
	130		11.3	9.7	10.2	9.0	9.7	8.5	9.4	9.5	8.2	9.4	9.6
	140		9.2	7.9	8.4	7.2	7.9	6.6	7.7	8.9	6.3	7.6	9.0
	150		7.7	6.3	6.9	5.5	6.3	5.0	6.1	8.3	4.6	6.0	8.3
	170		5.0	3.4	4.0	2.6	3.4		3.2	6.6		3.3	5.9
	190									4.5			3.7
	210									2.7			
	218												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVNZK: TV-23ft NZK-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40	20.3	18.5										
45	20.1	18.3	16.1	16.7	14.8	12.0						
50	19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60	19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70	18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80	18.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90	17.4	15.2	12.9	14.6	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100	15.5	14.2	11.9	13.7	11.7	9.4	11.3	9.0	8.9	8.6	8.4	
110	12.7	13.2	11.0	12.4	10.9	8.9	10.6	8.6	8.5	8.2	8.1	
120	10.3	11.7	10.2	10.2	10.1	8.4	9.9	8.2	8.1	7.9	7.8	
130	8.3	9.7	9.6	8.2	9.4	7.9	8.2	7.8	7.5	7.4	7.3	
140	6.5	7.9	8.9	6.5	7.9	7.5	6.5	7.2	6.4	6.0	5.7	
150	4.9	6.3	7.6	4.9	6.4	6.9	5.1	5.8	4.9	4.6	4.3	
170		3.7	5.0	2.2	3.9	4.4	2.5	3.4	2.5			
190			2.8			2.4						
210												
218												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25		40.4											
30		36.8											
35		33.3											
40		30.2	31.7										
45		27.3	30.3	29.4	29.1	27.9							
50		24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2				
60		20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5
70		17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6
80		15.1	21.8	22.0	21.8	21.8	21.4	21.0	20.5	13.8	19.7	18.9	13.6
90		13.2	20.0	20.3	20.1	20.2	19.9	19.7	19.2	12.7	18.8	18.0	12.5
100			18.5	18.7	18.6	18.7	18.5	18.0	18.0	11.7	17.3	17.1	11.7
110			17.1	16.8	17.1	15.7	16.5	14.8	15.8	10.8	14.2	15.3	10.8
120			14.9	13.4	13.9	12.6	13.4	12.0	13.1	10.0	11.6	12.7	10.1
130			12.1	10.7	11.2	9.9	10.7	9.5	10.4	9.4	9.3	10.4	9.4
140			9.9	8.7	9.1	8.0	8.6	7.6	8.4	8.7	7.4	8.4	8.9
150			8.2	7.0	7.5	6.4	7.0	5.9	6.8	8.2	5.6	6.8	8.3
170			5.4	4.0	4.5	3.2	4.1	2.9	3.9	7.0	2.6	4.0	6.4
190										4.9			4.2
210										2.9			2.3
218										2.2			

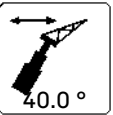
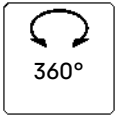
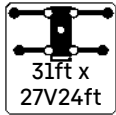
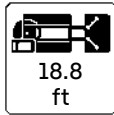
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	18.5	17.1	14.8	15.9	14.1	11.3						
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3	
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1	
	90	16.6	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8	
	100	16.0	13.6	11.4	13.2	11.2	9.3	10.9	9.0	8.9	8.6	8.4	
	110	14.1	12.7	10.7	12.4	10.5	8.8	10.3	8.6	8.5	8.2	8.1	
	120	11.6	11.8	10.0	11.2	9.9	8.4	9.7	8.2	8.1	7.9	7.8	
	130	9.4	10.7	9.4	9.3	9.3	7.9	9.2	7.7	7.7	7.5	7.4	
	140	7.5	8.8	8.9	7.5	8.7	7.5	7.5	7.4	7.0	7.0	6.7	
	150	5.8	7.1	8.2	5.8	7.2	7.0	6.0	6.7	5.8	5.5	5.2	
	170	3.0	4.4	5.6	3.2	4.6	5.1	3.4	4.1	3.2	2.9	2.6	
	190			3.3		2.4	3.0						
	210												
	218												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	23.6											
	40	22.2											
	45	21.1											
	50	20.1	21.9	21.9	21.9								
	60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
	70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
	80	14.8	18.9	19.0	19.0	19.0	18.9	18.9	18.6	13.1	18.3	17.7	12.9
	90	13.4	18.0	18.2	18.1	18.2	18.0	17.9	17.5	12.3	17.3	16.7	12.2
	100		16.9	17.1	17.0	17.1	16.9	16.9	16.6	11.5	16.4	15.9	11.3
	110		15.9	16.2	16.1	16.0	16.0	15.6	15.7	10.6	15.1	15.2	10.6
	120		15.0	14.3	14.7	13.6	14.2	13.1	14.0	10.0	12.6	13.6	10.0
	130		12.7	11.4	11.9	10.7	11.4	10.3	11.2	9.4	10.2	11.2	9.4
	140		10.3	9.1	9.5	8.5	9.2	8.2	9.0	8.8	8.1	9.0	8.9
	150		8.5	7.4	7.8	6.8	7.4	6.5	7.3	8.2	6.3	7.3	8.4
	170		5.5	4.2	4.7	3.6	4.4	3.3	4.3	7.2	3.1	4.5	6.7
	190									5.0			4.4
	210									2.9			2.3
	218												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10	46.1												
12	46.1												
14	46.1												
16	46.1												
18	46.1												
20	46.1												
25	46.1	40.4											
30	43.4	39.3	36.8	36.3									
35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8				
40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6	
45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4	
50	27.6	33.5	32.2	31.9	30.2	29.4	27.6	26.4	18.2	24.4	22.9	17.2	
60	22.4	30.6	29.7	29.5	28.2	27.6	26.1	25.1	17.3	23.4	22.1	16.6	
70	18.6	27.8	26.4	26.6	24.8	25.4	23.4	23.7	15.9	21.9	21.2	15.5	
80	15.7	23.4	21.0	21.7	19.6	20.5	18.4	19.5	14.6	17.4	18.7	14.4	
90	13.5	19.0	16.8	17.4	15.4	16.4	14.4	15.5	13.4	13.7	15.0	13.3	
100		15.2	13.3	13.9	12.0	12.9	11.2	12.4	12.2	10.6	11.9	12.2	
110		11.8	10.3	10.8	9.2	10.2	8.4	9.7	11.2	8.0	9.4	11.2	
120		9.3	8.0	8.5	6.9	7.9	6.1	7.4	10.3	5.8	7.2	10.0	
130		7.5	6.1	6.7	4.9	5.9	4.2	5.5	8.9	3.9	5.3	8.2	
140		5.9	4.4	5.0	3.2	4.2	2.3	3.8	7.3		3.7	6.7	
150		4.4	2.8	3.4		2.7			6.0			5.3	
170									3.7			3.0	
190													
203													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		20.3	18.5										
45		20.1	18.3	16.1	16.7	14.8	12.0						
50		19.8	18.1	16.0	16.6	14.8	11.8	13.5	10.8	10.5	9.9		
60		19.3	17.7	15.6	16.3	14.6	11.4	13.4	10.5	10.2	9.7	9.5	
70		18.7	17.2	14.8	15.9	14.1	10.9	13.1	10.2	10.0	9.5	9.3	
80		17.1	16.3	13.9	15.5	13.4	10.4	12.6	9.8	9.7	9.3	9.1	
90		13.6	14.6	12.9	13.2	12.6	9.9	12.0	9.5	9.3	8.9	8.8	
100		10.6	12.0	11.9	10.4	11.5	9.4	10.3	9.0	8.8	8.6	8.4	
110		8.1	9.5	10.8	8.0	9.5	8.9	8.0	8.3	7.7	7.3	7.0	
120		6.1	7.5	8.8	6.0	7.5	8.0	6.1	6.8	5.9	5.4	5.2	
130		4.2	5.7	7.0	4.3	5.8	6.3	4.4	5.2	4.2	3.8	3.6	
140		2.3	4.2	5.5	2.6	4.3	4.9	2.9	3.7	2.7	2.2		
150			2.6	4.1		3.0	3.6		2.3				
170													
190													
203													

%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	26.5	26.1	25.9	25.1	24.7	23.7	23.0	16.0	21.8	20.7	15.5	
70	17.4	24.0	24.0	23.8	23.5	23.1	22.3	21.7	14.9	20.7	19.8	14.6	
80	15.1	21.8	22.0	21.8	21.5	21.4	20.4	20.5	13.8	19.3	18.9	13.6	
90	13.2	20.0	18.5	19.1	17.3	18.1	16.3	17.3	12.7	15.5	16.6	12.5	
100		16.6	14.9	15.5	13.7	14.6	12.9	13.8	11.7	12.2	13.4	11.7	
110		13.1	11.6	12.1	10.7	11.5	9.9	11.1	10.8	9.5	10.7	10.8	
120		10.2	9.0	9.4	8.2	8.9	7.5	8.7	10.0	7.1	8.4	10.1	
130		8.2	7.0	7.5	6.1	7.0	5.4	6.6	9.3	5.1	6.4	9.0	
140		6.6	5.3	5.8	4.2	5.1	3.6	4.8	8.0	3.3	4.7	7.4	
150		5.0	3.6	4.2	2.5	3.6		3.2	6.6		3.1	6.0	
170		2.3							4.3			3.6	
190													
203													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



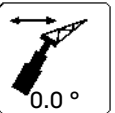
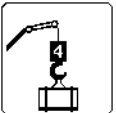
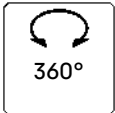
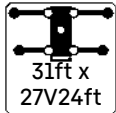
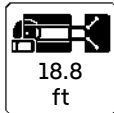
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	10											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	18.5	17.1	14.8	15.9	14.1	11.3					
	70	17.9	16.6	14.0	15.5	13.5	10.8	12.7	10.1	9.9	9.5	9.3
	80	17.2	15.7	13.2	15.0	12.8	10.2	12.2	9.7	9.6	9.2	9.1
	90	15.3	14.6	12.3	14.1	12.0	9.7	11.5	9.4	9.2	8.9	8.8
	100	12.2	13.1	11.4	11.9	11.2	9.3	10.9	9.0	8.9	8.6	8.4
	110	9.6	10.8	10.7	9.4	10.3	8.8	9.3	8.6	8.3	8.2	8.1
	120	7.4	8.6	9.9	7.3	8.6	8.3	7.3	7.7	7.0	6.6	6.4
	130	5.4	6.8	8.0	5.4	6.8	7.3	5.5	6.2	5.3	5.0	4.7
	140	3.7	5.1	6.4	3.8	5.2	5.7	4.0	4.7	3.8	3.5	3.2
	150		3.6	4.9		3.8	4.4	2.5	3.3	2.3		
	170			2.4								
	190											
	203											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70	17.0	15.8	13.3	14.6	12.8							
80	16.4	15.2	12.5	14.2	12.2	10.2	11.8	9.8	9.6	9.3	9.1	
90	15.7	14.3	11.9	13.7	11.6	9.7	11.2	9.4	9.3	9.0	8.8	
100	13.5	13.3	11.1	12.9	10.9	9.3	10.6	9.0	8.9	8.6	8.5	
110	10.7	11.9	10.5	10.6	10.3	8.8	10.1	8.6	8.5	8.3	8.2	
120	8.4	9.6	9.8	8.3	9.3	8.3	8.3	8.2	7.7	7.6	7.4	
130	6.4	7.6	8.7	6.3	7.6	7.7	6.4	7.0	6.2	5.9	5.6	
140	4.5	5.8	7.0	4.6	5.9	6.4	4.7	5.4	4.6	4.3	4.0	
150	2.8	4.3	5.5	3.0	4.5	5.0	3.3	4.0	3.2	2.8	2.5	
170			2.9			2.5						
190												
203												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



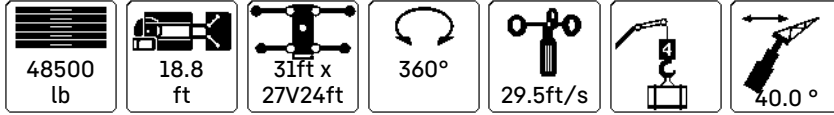
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	35.0	33.5	33.1	31.2	30.4	28.3	27.0	18.5	24.9	23.3	17.4
	50	27.6	33.5	32.0	31.8	29.9	29.4	27.4	26.4	18.2	24.4	22.9	17.2
	60	22.4	27.1	24.5	25.2	22.8	23.8	21.5	22.6	17.3	20.2	21.5	16.6
	70	18.6	20.9	18.6	19.2	17.0	18.0	16.0	17.2	15.9	15.1	16.4	15.5
	80	15.7	16.2	13.9	14.6	12.6	13.6	11.7	13.0	14.6	11.1	12.4	14.4
	90	13.5	12.6	10.4	11.1	9.1	10.1	8.3	9.6	13.4	7.8	9.3	12.3
	100		9.5	7.5	8.2	6.3	7.3	5.5	6.8	10.9	5.2	6.6	9.7
	110		7.2	5.2	5.9	3.9	5.0	3.0	4.6	8.7	2.5	4.4	7.6
	120		5.3	3.1	3.9		2.9		2.2	6.9			5.8
	130		3.6							5.2			4.2
	140									3.8			2.7
	150									2.4			
	170												
	176												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVNZK: TV-23ft NZK-38ft



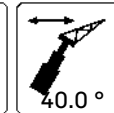
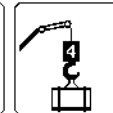
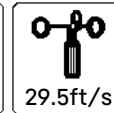
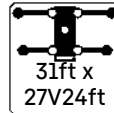
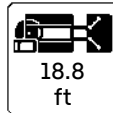
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25		40.4											
30		36.8											
35		33.3											
40		30.2	31.7										
45		27.3	30.3	29.4	29.1	27.9							
50		24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2				
60		20.6	26.5	26.1	25.9	25.0	24.7	23.5	23.0	16.0	21.8	20.7	15.5
70		17.4	23.2	21.0	21.6	19.6	20.5	18.5	19.5	14.9	17.5	18.6	14.6
80		15.1	18.1	16.1	16.7	14.8	15.7	13.9	15.0	13.8	13.2	14.3	13.6
90		13.2	14.2	12.2	12.8	11.0	11.9	10.3	11.4	12.7	9.8	11.0	12.5
100			10.8	9.1	9.7	8.0	8.9	7.3	8.4	11.7	6.9	8.2	11.0
110			8.3	6.6	7.2	5.5	6.4	4.8	6.0	9.6	4.5	5.9	8.7
120			6.3	4.5	5.1	3.3	4.3	2.4	3.9	7.7		3.8	6.8
130			4.5	2.4	3.2		2.2			6.1			5.2
140			2.8							4.6			3.7
150										3.3			
170													
176													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	23.6											
	40	22.2											
	45	21.1											
	50	20.1	21.9	21.9	21.9								
	60	18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
	70	16.8	19.7	19.8	19.8	19.8	19.7	19.6	19.4	14.0	19.3	18.7	13.7
	80	14.8	18.9	17.9	18.4	16.7	17.5	15.9	16.7	13.1	15.1	16.1	12.9
	90	13.4	15.6	13.7	14.3	12.6	13.5	11.9	12.9	12.3	11.4	12.4	12.2
	100		11.9	10.4	11.0	9.4	10.2	8.7	9.8	11.5	8.4	9.5	11.3
	110		9.0	7.7	8.2	6.6	7.5	6.0	7.1	10.4	5.7	7.0	9.7
	120		7.0	5.4	5.9	4.4	5.3	3.8	4.9	8.3	3.5	4.8	7.6
	130		5.1	3.4	4.0		3.2		2.9	6.7		2.8	5.9
	140		3.4							5.2			4.3
	150									3.8			2.9
	170												
	176												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	17.0	15.8	13.3	14.6	12.8								
80	14.8	15.2	12.5	14.1	12.2	10.2	11.8	9.8	9.6	9.3	9.1		
90	11.3	12.5	11.9	11.0	11.6	9.7	10.8	9.4	9.3	9.0	8.8		
100	8.5	9.7	10.8	8.3	9.5	9.3	8.2	8.8	7.9	7.5	7.2		
110	6.1	7.3	8.5	6.0	7.3	7.7	6.0	6.6	5.8	5.4	5.1		
120	3.9	5.3	6.5	4.1	5.4	5.9	4.1	4.8	3.9	3.5	3.3		
130		3.4	4.8		3.7	4.2		3.2					
140			3.2			2.7							
150													
170													
176													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft

 37500 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s		
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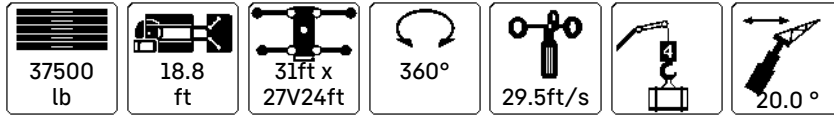
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	46.1											
	12	46.1											
	14	46.1											
	16	46.1											
	18	46.1											
	20	46.1											
	25	46.1	40.4										
	30	43.4	39.3	36.8	36.3								
	35	39.5	38.0	35.9	35.5	33.0	32.1	29.6	28.2	18.8			
	40	35.3	36.6	34.7	34.3	32.2	31.2	28.9	27.6	18.7	25.4	23.7	17.6
	45	31.1	34.5	31.9	32.3	29.8	30.4	27.9	27.0	18.5	24.8	23.3	17.4
	50	27.6	30.1	27.2	28.0	25.4	26.5	24.0	25.1	18.2	22.4	22.8	17.2
	60	22.4	22.4	19.8	20.5	18.2	19.2	17.1	18.4	17.3	16.1	17.4	16.6
	70	18.6	16.8	14.5	15.2	13.0	14.0	12.0	13.4	15.9	11.5	12.8	15.4
	80	15.7	12.6	10.4	11.0	9.1	10.1	8.2	9.5	13.7	7.7	9.2	12.2
	90	13.5	9.3	7.2	7.9	6.0	7.0	5.2	6.5	10.7	4.7	6.3	9.4
	100		6.7	4.6	5.3	3.2	4.4		3.9	8.3		3.6	7.1
	110		4.6		2.9					6.2			5.2
	120		2.4							4.5			3.4
	130									2.9			
	140												
	150												
	164												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TVNZK: TV-23ft NZK-38ft



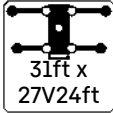
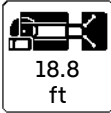
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25	40.4												
30	36.8												
35	33.3												
40	30.2	31.7											
45	27.3	30.3	29.4	29.1	27.9								
50	24.7	29.0	28.2	28.0	26.9	26.4	25.1	24.2					
60	20.6	25.1	22.8	23.4	21.3	22.2	20.1	21.1	16.0	19.0	19.9	15.5	
70	17.4	19.1	16.9	17.5	15.6	16.5	14.7	15.8	14.9	13.9	15.0	14.6	
80	15.1	14.5	12.5	13.2	11.3	12.2	10.5	11.6	13.8	10.0	11.2	13.5	
90	13.2	11.0	9.0	9.6	7.9	8.8	7.2	8.3	12.0	6.7	8.1	10.9	
100		8.1	6.3	6.9	5.1	6.1	4.4	5.6	9.5	4.0	5.5	8.4	
110		5.8	3.9	4.6	2.5	3.7		3.2	7.4		3.0	6.4	
120		3.8							5.5			4.6	
130									3.9			2.8	
140									2.3				
150													
164													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	18.1	17.1	14.8	15.9	14.1	11.3						
	70	13.6	14.9	14.0	13.1	13.5	10.8	12.5	10.1	9.9	9.5	9.3	
	80	9.9	11.2	12.4	9.6	11.0	10.2	9.4	9.6	9.0	8.5	8.1	
	90	7.0	8.3	9.5	6.8	8.2	8.6	6.7	7.3	6.4	5.9	5.7	
	100	4.4	5.9	7.2	4.5	5.9	6.3	4.5	5.2	4.2	3.8	3.4	
	110		3.7	5.2		3.9	4.5	2.3	3.1				
	120			3.4			2.6						
	130												
	140												
	150												
	164												
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-23ft NZK-38ft



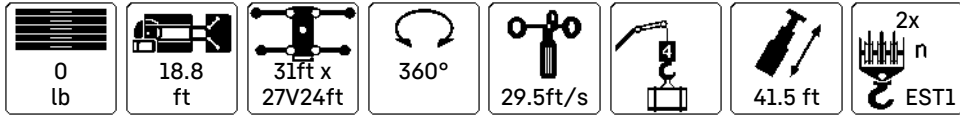
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
10													
12													
14													
16													
18													
20													
25													
30													
35		23.6											
40		22.2											
45		21.1											
50		20.1	21.9	21.9	21.9								
60		18.5	20.8	20.8	20.7	20.7	20.6	20.5	20.3				
70		16.8	19.7	19.1	19.3	17.9	18.7	17.0	17.9	14.0	16.1	17.1	13.7
80		14.8	16.2	14.3	14.9	13.1	14.0	12.4	13.4	13.1	11.9	12.9	12.9
90		13.4	12.4	10.6	11.1	9.5	10.3	8.8	9.8	12.3	8.4	9.6	12.0
100			9.2	7.5	8.1	6.5	7.4	5.8	6.9	10.5	5.5	6.8	9.5
110			6.8	5.0	5.6	4.0	4.9	3.3	4.6	8.3	2.9	4.5	7.3
120			4.6	2.6	3.5		2.5			6.3			5.4
130			2.6							4.6			3.7
140										3.1			
150													
164													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TVNZK: TV-23ft NZK-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	15.7	15.7	13.3	14.4	12.8							
	80	11.7	12.9	12.5	11.3	12.2	10.2	11.1	9.8	9.6	9.2	9.1	
	90	8.5	9.7	10.8	8.3	9.5	9.7	8.1	8.7	7.8	7.4	7.1	
	100	5.9	7.1	8.3	5.8	7.1	7.5	5.8	6.3	5.5	5.1	4.8	
	110	3.4	4.9	6.1	3.5	5.0	5.5	3.7	4.4	3.5	3.0		
	120		2.8	4.3		3.0	3.7		2.4				
	130			2.4									
	140												
	150												
	164												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-23ft NZK-38ft



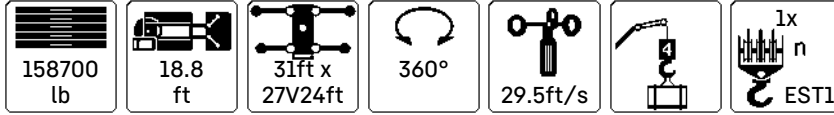
		x1000lb											
	ft												
	10	46.1											
	11	46.1											
	12	46.1											
	13	46.1											
	14	46.1											
	15	46.1											
	16	46.1											
	17	46.1											
	18	46.1											
	19	46.1											
	20	46.1											
	22	46.1	42.0										
	24	46.1	40.9										
	26	46.0	39.9										
	28	44.7	38.3										
	30	43.4	36.8										
	32	41.9	35.3	24.5									
	34	40.3	34.0	23.8									
	36	37.6	32.7	23.3									
	38	34.9	31.4	22.7									
	40	32.2	30.2	22.2									
	45	26.7	27.3	21.1									
	50	22.3	24.7	20.1									
	55	18.9	20.9	19.3									
	60	15.6	17.4	18.4									
	65	12.9	14.4	15.6									
	70	10.7	11.9	12.9									
	75	9.1	9.9	10.6									
	80	7.8	8.5	8.9									
	85	6.7	7.3	7.5									
	90	5.8	6.2	6.3									
	95	4.9	5.1										
	97	4.7											
	1	0+	0+	0+									
	2	0+	0+	0+									
	3	0+	0+	0+									
	4	0+	0+	0+									
	5	0+	0+	0+									
	6	0+	0+	0+									
	7	0+	0+	0+									
	°	0.0	20.0	40.0									

TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
22	19.4												
25	19.4												
30	19.3			16.4			16.0				15.9		
35	18.6			16.4			16.0				15.9		
40	17.6	13.7		16.3			15.8				15.7		
45	16.5	12.9		16.2			15.6				15.5		
50	15.5	12.2		15.9			15.5				15.4		
60	13.7	10.9	9.0	15.3	11.7		15.0	11.6			14.9	11.6	
70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7		14.1	10.9	
80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5	
90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2	
100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0	
110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9	
120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7	
130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6	
140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5	
150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5	
170				7.1	7.6	7.5	7.4	7.7	7.5	7.3	7.6	7.5	
190				6.4	7.5	7.5	6.6	7.5	7.5	6.6	7.5	7.5	
210				5.8	7.4		6.1	7.3	7.5	6.0	7.3	7.5	
230													
250													
270													
278													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	22												
	25												
	30												
	35												
	40	10.9			13.0			12.4					
	45	10.8			13.0			12.3			10.3		
	50	10.7			12.8			12.2			10.3		
	60	10.6			12.5			11.9			10.1		
	70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1	
	80	10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8	
	90	9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6
	100	9.3	8.4	7.6	10.8	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5
	110	8.8	8.0	7.5	10.3	8.7	7.7	10.0	8.6	7.6	8.7	8.0	7.4
	120	8.3	7.7	7.3	9.9	8.5	7.6	9.6	8.4	7.5	8.3	7.6	7.2
	130	7.8	7.3	7.0	9.5	8.2	7.5	9.2	8.1	7.4	7.8	7.3	7.0
	140	7.4	7.0	6.8	9.1	8.1	7.4	8.9	8.0	7.3	7.4	7.0	6.7
	150	6.9	6.7	6.5	8.6	7.9	7.3	8.5	7.8	7.3	7.0	6.7	6.5
	170	6.1	6.0	6.1	7.8	7.6	7.3	7.7	7.5	7.3	6.2	6.1	6.1
	190	5.4	5.4	5.5	7.1	7.4	7.3	7.0	7.3	7.3	5.5	5.5	5.6
	210	4.8	4.8	4.9	6.3	7.1	7.3	6.3	6.6	6.8	4.9	4.9	5.1
	230	4.3	4.4	4.5	4.2	4.9	5.1	5.3	5.6	5.8	4.4	4.5	4.6
	250	3.9			2.5	2.9	2.8	3.6	4.0	3.9	4.0	4.1	4.3
	270												
	278												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

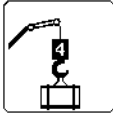
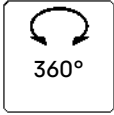
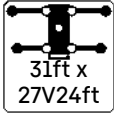
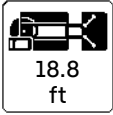
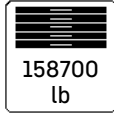
TVNZK: TV-23ft NZK-66ft



		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	22												
	25												
	30												
	35												
	40												
	45												
	50	9.2			8.0			8.2					
	60	9.1			8.0			8.2			6.9		
	70	9.0			7.9			8.2			6.9		
	80	8.8	8.4		7.7	7.4		8.2	7.9		6.9		
	90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9	
	100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9	
	110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7
	120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4
	130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2
	140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5	5.9	5.9	5.9
	150	7.0	6.6	6.4	5.8	5.7	5.7	6.9	6.5	6.4	5.6	5.7	5.6
	170	6.3	6.1	6.1	5.1	5.2	5.2	6.2	6.1	6.0	5.1	5.1	5.2
	190	5.6	5.6	5.7	4.4	4.6	4.7	5.6	5.6	5.7	4.5	4.6	4.7
	210	5.1	5.1	5.2	3.6	4.0	4.1	5.1	5.1	5.2	3.7	4.0	4.3
	230	4.6	4.6	4.7	2.7	3.1	3.3	4.6	4.7	4.8	2.9	3.2	3.4
	250	3.9	4.2	4.3			2.3	2.9	3.6	3.9		2.4	2.6
	270	2.5	2.8	2.9									
	278		2.3										

	%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



		x1000lb											
ft		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1			
	22												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.4			6.0			5.8					
	70	6.4			6.0			5.8					
	80	6.4			6.0			5.8					
	90	6.4	6.8		6.0	6.4		5.8	6.3				
	100	6.4	6.7		6.0	6.4		5.8	6.3				
	110	6.4	6.6	6.5	6.0	6.3	6.2	5.8	6.2	6.0			
	120	6.3	6.4	6.4	6.0	6.2	6.2	5.8	6.1	6.0			
	130	6.1	6.1	6.1	5.9	5.9	6.0	5.8	5.9	6.0			
	140	5.8	5.9	5.9	5.7	5.7	5.8	5.6	5.6	5.7			
	150	5.6	5.6	5.7	5.4	5.5	5.5	5.4	5.4	5.5			
	170	5.1	5.1	5.2	4.9	5.0	5.1	4.9	5.0	5.1			
	190	4.6	4.6	4.7	4.3	4.5	4.7	4.3	4.5	4.7			
	210	4.1	4.2	4.3	3.7	4.0	4.2	3.5	3.9	4.1			
	230	3.7	3.8	3.9	2.9	3.2	3.4	2.5	3.0	3.3			
	250	2.9	3.4	3.5		2.4	2.6			2.2			
	270			2.3									
	278												
	1	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0			

TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
13	19.3												
14	19.3												
16	19.3												
18	19.3												
20	19.3												
25	19.3												
30	19.3			16.4			16.0			15.9			
35	18.6			16.4			16.0			15.9			
40	17.6	13.7		16.3			15.8			15.7			
45	16.5	12.9		16.2			15.6			15.5			
50	15.5	12.2		15.9			15.5			15.4			
60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6		
70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9		
80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5	
90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2	
100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0	
110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9	
120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7	
130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6	
140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5	
150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5	
170				7.1	7.6	7.5	7.4	7.7	7.5	7.3	7.6	7.5	
190				6.4	7.5	7.5	6.6	7.5	7.5	6.6	7.5	7.5	
210				5.8	7.1		5.4	5.9	6.0	5.9	6.4	6.4	
230													
250													
267													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
13													
14													
16													
18													
20													
25													
30													
35	15.2			14.9									
40	15.1			14.9			14.2			13.8			
45	14.9			14.7			14.1			13.7			
50	14.8			14.6			13.9			13.6			
60	14.4	11.4		14.2	11.3		13.6			13.3			
70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4		
80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3	
90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1	
100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9	
110	10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7	
120	10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6	
130	9.7	8.4	7.6	9.6	8.4	7.6	9.7	8.4	7.5	9.5	8.3	7.5	
140	9.1	8.2	7.5	9.0	8.2	7.5	9.2	8.2	7.5	9.0	8.1	7.4	
150	8.5	8.0	7.4	8.5	8.0	7.4	8.7	8.0	7.4	8.6	7.9	7.4	
170	7.6	7.7	7.4	7.5	7.6	7.4	7.8	7.6	7.3	7.7	7.6	7.3	
190	6.8	7.5	7.4	6.8	7.5	7.4	6.4	7.4	7.3	7.0	7.4	7.3	
210	4.6	5.3	5.5	5.3	6.0	6.2	4.1	4.9	5.3	5.1	5.8	6.2	
230	2.8	3.1		3.5	3.8		2.3	2.8	2.9	3.2	3.7	3.8	
250													
267													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0%	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft

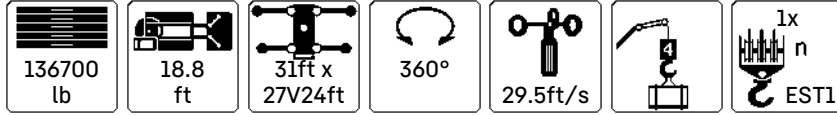
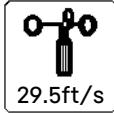
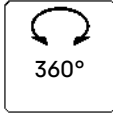
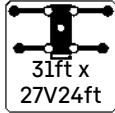
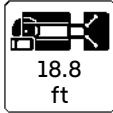


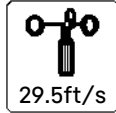
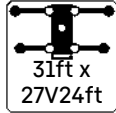
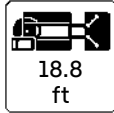
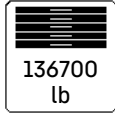
Table with columns for ft and values for various load capacities (173.6, 173.6, 173.6, 185.9, 185.9, 185.9, 186.3, 186.3, 186.3, 186.6, 186.6, 186.6) and rows for different heights (13, 14, 16, 18, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 170, 190, 210, 230, 250, 267).










TVNZK: TV-23ft NZK-66ft



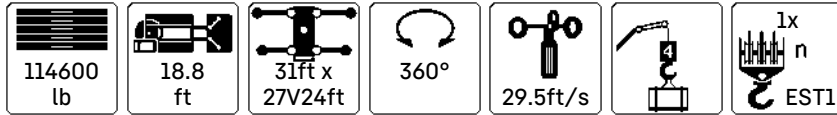
	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.2			8.0			8.2					
	60	9.1			8.0			8.2			6.9		
	70	9.0			7.9			8.2			6.9		
	80	8.8	8.4		7.7	7.4		8.2	7.9		6.9		
	90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9	
	100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9	
	110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7
	120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4
	130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2
	140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5	5.9	5.9	5.9
	150	7.0	6.6	6.4	5.8	5.7	5.7	6.9	6.5	6.4	5.6	5.7	5.6
	170	6.3	6.1	6.1	5.1	5.2	5.2	6.2	6.1	6.0	5.1	5.1	5.2
	190	5.6	5.6	5.7	4.4	4.6	4.7	5.6	5.6	5.7	4.5	4.6	4.7
	210	5.1	5.1	5.2	3.6	4.0	4.1	4.1	5.0	5.2	3.7	4.0	4.3
	230	3.5	4.2	4.6	2.7	3.1	3.3	2.5	3.3	3.7	2.9	3.2	3.4
	250		2.5	2.7			2.3					2.3	2.6
	267												
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



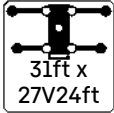
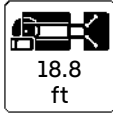
	ft	x1000lb								
		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1
13										
14										
16										
18										
20										
25										
30										
35										
40										
45										
50										
60	6.4				6.0			5.8		
70	6.4				6.0			5.8		
80	6.4				6.0			5.8		
90	6.4	6.8			6.0	6.4		5.8	6.3	
100	6.4	6.7			6.0	6.4		5.8	6.3	
110	6.4	6.6	6.5		6.0	6.3	6.2	5.8	6.2	6.0
120	6.3	6.4	6.4		6.0	6.2	6.2	5.8	6.1	6.0
130	6.1	6.1	6.1		5.9	5.9	6.0	5.8	5.9	6.0
140	5.8	5.9	5.9		5.7	5.7	5.8	5.6	5.6	5.7
150	5.6	5.6	5.7		5.4	5.5	5.5	5.4	5.4	5.5
170	5.1	5.1	5.2		4.9	5.0	5.1	4.9	5.0	5.1
190	4.6	4.6	4.7		4.3	4.5	4.7	4.3	4.5	4.7
210	3.9	4.2	4.3		3.6	4.0	4.2	3.4	3.9	4.1
230	2.3	3.1	3.7			2.9	3.4		2.6	3.2
250										
267										
	1	90+	90+	90+	90+	90+	90+	100+	100+	100+
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



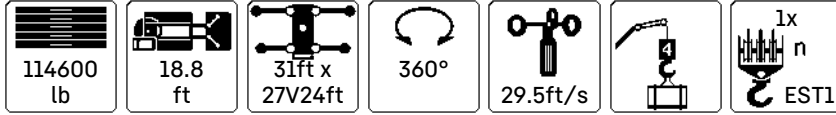
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
	100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
	110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9
	120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7
	130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6
	140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5
	150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5
	170				7.1	7.6	7.5	7.4	7.7	7.5	7.3	7.6	7.5
	190				6.4	7.2	7.3	5.2	6.0	6.4	5.6	6.4	6.8
	210				4.6	4.8		3.1	3.6	3.7	3.6	4.1	4.1
	230												
	250												
	256												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
13													
14													
16													
18													
20													
25													
30													
35		15.2			14.9								
40		15.1			14.9			14.2			13.8		
45		14.9			14.7			14.1			13.7		
50		14.8			14.6			13.9			13.6		
60		14.4	11.4		14.2	11.3		13.6			13.3		
70		13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4	
80		13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3
90		12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1
100		11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9
110		10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7
120		10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6
130		9.7	8.4	7.6	9.6	8.4	7.6	9.7	8.4	7.5	9.5	8.3	7.5
140		9.1	8.2	7.5	9.0	8.2	7.5	9.2	8.2	7.5	9.0	8.1	7.4
150		8.5	8.0	7.4	8.5	8.0	7.4	8.7	8.0	7.4	8.6	7.9	7.4
170		6.9	7.6	7.4	7.4	7.6	7.4	6.5	7.5	7.3	7.2	7.6	7.3
190		4.3	5.3	5.9	5.1	6.0	6.5	3.9	5.0	5.6	4.8	5.9	6.4
210		2.3	3.0	3.2	3.0	3.7	3.9		2.6	3.0	2.7	3.5	3.9
230													
250													
256													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



		x1000lb											
	ft	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.5			10.7			9.8					
	50	11.4			10.6			9.7			9.9		
	60	11.2			10.4			9.6			9.8		
	70	11.0	9.6		10.2	9.3		9.5			9.7		
	80	10.7	9.3		10.1	9.0		9.3	8.6		9.5	8.8	
	90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5	
	100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.2	8.3	7.5
	110	9.7	8.5	7.5	9.3	8.3	7.4	8.5	7.9	7.3	9.0	8.1	7.3
	120	9.4	8.3	7.4	9.0	8.1	7.3	8.2	7.5	7.2	8.8	7.9	7.3
	130	9.1	8.1	7.3	8.8	7.9	7.3	7.8	7.2	6.9	8.6	7.8	7.2
	140	8.8	7.9	7.3	8.5	7.7	7.2	7.4	6.9	6.7	8.3	7.6	7.1
	150	8.3	7.7	7.2	8.1	7.6	7.2	7.0	6.7	6.5	7.9	7.5	7.1
	170	5.9	7.1	7.2	7.0	7.1	7.1	6.2	6.1	6.1	5.8	7.0	7.0
	190	3.6	4.7	5.5	4.8	5.8	6.5	5.6	5.6	5.6	3.5	4.7	5.5
	210		2.6	3.2	2.8	3.7	4.3	4.0	4.8	5.1		2.7	3.3
	230						2.2	2.3	2.9	3.2			
	250												
	256												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

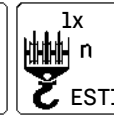
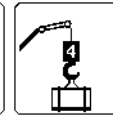
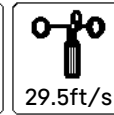
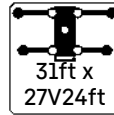
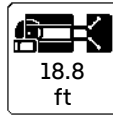
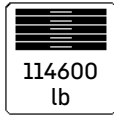
TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2			6.9			
70	9.0			7.9			8.2			6.9			
80	8.8	8.4		7.7	7.4		8.2	7.9		6.9			
90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9		
100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9		
110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7	
120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4	
130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2	
140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5	5.9	5.9	5.9	
150	7.0	6.6	6.4	5.8	5.7	5.7	6.9	6.5	6.4	5.6	5.7	5.6	
170	6.3	6.1	6.1	5.1	5.2	5.2	5.7	6.1	6.0	5.1	5.1	5.2	
190	4.8	5.5	5.7	4.4	4.6	4.7	3.6	4.7	5.5	4.2	4.6	4.7	
210	3.0	3.9	4.5	3.5	4.0	4.1		2.8	3.4	2.5	3.4	4.1	
230			2.6		2.7	3.1							2.3
250													
256													

	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0









TVNZK: TV-23ft NZK-66ft



		x1000lb											
	ft	237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1			
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.4			6.0			5.8					
	70	6.4			6.0			5.8					
	80	6.4			6.0			5.8					
	90	6.4	6.8		6.0	6.4		5.8	6.3				
	100	6.4	6.7		6.0	6.4		5.8	6.3				
	110	6.4	6.6	6.5	6.0	6.3	6.2	5.8	6.2	6.0			
	120	6.3	6.4	6.4	6.0	6.2	6.2	5.8	6.1	6.0			
	130	6.1	6.1	6.1	5.9	5.9	6.0	5.8	5.9	6.0			
	140	5.8	5.9	5.9	5.7	5.7	5.8	5.6	5.6	5.7			
	150	5.6	5.6	5.7	5.4	5.5	5.5	5.4	5.4	5.5			
	170	5.0	5.1	5.2	4.9	5.0	5.1	4.7	5.0	5.1			
	190	3.4	4.4	4.7	3.1	4.3	4.7	2.8	4.0	4.7			
	210		2.7	3.3		2.4	3.1			2.9			
	230												
	250												
	256												
	1	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0			

TVNZK: TV-23ft NZK-66ft



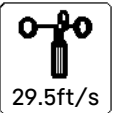
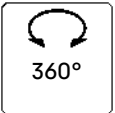
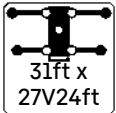
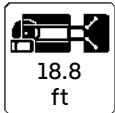
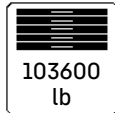
	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
	100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
	110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9
	120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7
	130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6
	140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5
	150				8.0	7.9	7.5	8.3	8.0	7.5	8.3	8.0	7.5
	170				7.1	7.6	7.5	6.2	7.2	7.4	6.7	7.5	7.5
	190				5.2	5.9	6.1	3.8	4.6	5.1	4.3	5.1	5.5
	210				3.4	3.6			2.4	2.4	2.4	2.9	2.9
	230												
	243												
 %	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
 %	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
 %	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
 %	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
 %	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
 %	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
 %	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
13													
14													
16													
18													
20													
25													
30													
35	15.2			14.9									
40	15.1			14.9			14.2			13.8			
45	14.9			14.7			14.1			13.7			
50	14.8			14.6			13.9			13.6			
60	14.4	11.4		14.2	11.3		13.6			13.3			
70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4		
80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3	
90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1	
100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9	
110	10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7	
120	10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6	
130	9.7	8.4	7.6	9.6	8.4	7.6	9.7	8.4	7.5	9.5	8.3	7.5	
140	9.1	8.2	7.5	9.0	8.2	7.5	9.2	8.2	7.5	9.0	8.1	7.4	
150	8.2	8.0	7.4	8.4	8.0	7.4	7.8	8.0	7.4	8.5	7.9	7.4	
170	5.4	6.6	7.2	6.1	7.1	7.4	4.9	6.2	7.0	5.9	6.9	7.3	
190	3.0	4.0	4.5	3.7	4.7	5.2	2.5	3.6	4.3	3.4	4.5	5.1	
210					2.4	2.7					2.3	2.7	
230													
243													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

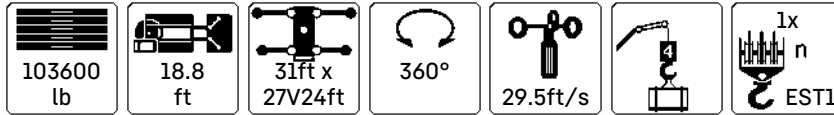
TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
13													
14													
16													
18													
20													
25													
30													
35													
40	10.9			13.0			12.4						
45	10.8			13.0			12.3			10.3			
50	10.7			12.8			12.2			10.3			
60	10.6			12.5			11.9			10.1			
70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1		
80	10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8		
90	9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6	
100	9.3	8.4	7.6	10.8	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5	
110	8.8	8.0	7.5	10.3	8.7	7.7	10.0	8.6	7.6	8.7	8.0	7.4	
120	8.3	7.7	7.3	9.9	8.5	7.6	9.6	8.4	7.5	8.3	7.6	7.2	
130	7.8	7.3	7.0	9.5	8.2	7.5	9.2	8.1	7.4	7.8	7.3	7.0	
140	7.4	7.0	6.8	8.8	8.1	7.4	8.9	8.0	7.3	7.4	7.0	6.7	
150	6.9	6.7	6.5	7.3	7.9	7.3	8.4	7.8	7.3	7.0	6.7	6.5	
170	6.1	6.0	6.1	4.6	5.9	6.9	5.7	6.9	7.2	6.2	6.1	6.1	
190	5.4	5.4	5.5		3.4	4.2	3.4	4.5	5.2	5.4	5.5	5.6	
210	4.4	4.8	4.9					2.3	2.8	3.6	4.4	4.8	
230	2.8	3.2	3.3								2.6	2.8	
243		2.2											

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

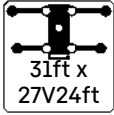
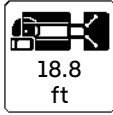
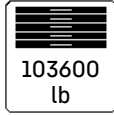
TVNZK: TV-23ft NZK-66ft





















































ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
13													
14													
16													
18													
20													
25													
30													
35													
40													
45	11.5			10.7			9.8						
50	11.4			10.6			9.7			9.9			
60	11.2			10.4			9.6			9.8			
70	11.0	9.6		10.2	9.3		9.5			9.7			
80	10.7	9.3		10.1	9.0		9.3	8.6		9.5	8.8		
90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5		
100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.2	8.3	7.5	
110	9.7	8.5	7.5	9.3	8.3	7.4	8.5	7.9	7.3	9.0	8.1	7.3	
120	9.4	8.3	7.4	9.0	8.1	7.3	8.2	7.5	7.2	8.8	7.9	7.3	
130	9.1	8.1	7.3	8.8	7.9	7.3	7.8	7.2	6.9	8.6	7.8	7.2	
140	8.6	7.9	7.3	8.5	7.7	7.2	7.4	6.9	6.7	8.1	7.6	7.1	
150	7.0	7.7	7.2	8.0	7.6	7.2	7.0	6.7	6.5	6.8	7.5	7.1	
170	4.3	5.7	6.8	5.5	6.7	7.1	6.2	6.1	6.1	4.3	5.6	6.6	
190		3.3	4.1	3.4	4.5	5.2	4.5	5.4	5.6		3.3	4.1	
210					2.5	3.1	2.7	3.6	4.1				
230													
243													

1%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVNZK: TV-23ft NZK-66ft



	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.2			8.0			8.2					
	60	9.1			8.0			8.2			6.9		
	70	9.0			7.9			8.2			6.9		
	80	8.8	8.4		7.7	7.4		8.2	7.9		6.9		
	90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9	
	100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9	
	110	8.4	7.7	7.2	7.0	6.9	6.9	7.9	7.6	7.1	6.7	6.7	6.7
	120	8.0	7.4	7.1	6.7	6.6	6.5	7.8	7.3	7.0	6.4	6.4	6.4
	130	7.7	7.2	6.9	6.4	6.3	6.2	7.5	7.0	6.7	6.2	6.2	6.2
	140	7.3	6.9	6.6	6.1	6.0	6.0	7.2	6.8	6.5	5.9	5.9	5.9
	150	7.0	6.6	6.4	5.8	5.7	5.7	6.6	6.5	6.4	5.6	5.7	5.6
	170	5.5	6.1	6.1	5.1	5.2	5.2	4.3	5.6	6.0	4.8	5.1	5.2
	190	3.5	4.5	5.3	3.9	4.6	4.7	2.2	3.4	4.2	2.9	4.0	4.7
	210		2.6	3.2	2.2	3.1	3.7						2.8
	230												
	243												
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



		x1000lb											
	ft	237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1			
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.4			6.0			5.8					
	70	6.4			6.0			5.8					
	80	6.4			6.0			5.8					
	90	6.4	6.8		6.0	6.4		5.8	6.3				
	100	6.4	6.7		6.0	6.4		5.8	6.3				
	110	6.4	6.6	6.5	6.0	6.3	6.2	5.8	6.2	6.0			
	120	6.3	6.4	6.4	6.0	6.2	6.2	5.8	6.1	6.0			
	130	6.1	6.1	6.1	5.9	5.9	6.0	5.8	5.9	6.0			
	140	5.8	5.9	5.9	5.7	5.7	5.8	5.6	5.6	5.7			
	150	5.6	5.6	5.7	5.4	5.5	5.5	5.4	5.4	5.5			
	170	4.1	5.0	5.2	3.8	4.9	5.1	3.5	4.9	5.1			
	190		3.3	4.1		3.0	3.9		2.7	3.6			
	210												
	230												
	243												
	1	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0			

TVNZK: TV-23ft NZK-66ft



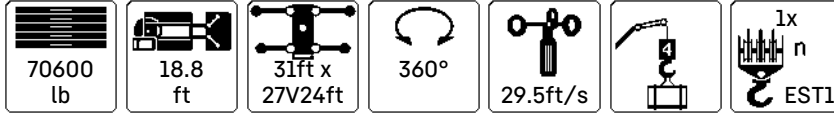
ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
13	19.3												
14	19.3												
16	19.3												
18	19.3												
20	19.3												
25	19.3												
30	19.3			16.4			16.0			15.9			
35	18.6			16.4			16.0			15.9			
40	17.6	13.7		16.3			15.8			15.7			
45	16.5	12.9		16.2			15.6			15.5			
50	15.5	12.2		15.9			15.5			15.4			
60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6		
70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9		
80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5	
90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2	
100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0	
110	6.7	7.9	7.8	10.9	9.0	7.9	11.0	9.0	7.9	11.0	9.0	7.9	
120	6.1	7.7		10.0	8.7	7.7	10.3	8.7	7.7	10.2	8.7	7.7	
130				9.2	8.4	7.6	9.6	8.4	7.6	9.5	8.4	7.6	
140				8.6	8.1	7.6	8.9	8.2	7.5	8.8	8.2	7.5	
150				8.0	7.9	7.5	7.5	8.0	7.5	7.9	8.0	7.5	
170				6.2	7.0	7.4	4.7	5.9	6.5	5.2	6.3	6.9	
190				3.9	4.5	4.8	2.5	3.3	3.7	3.0	3.8	4.2	
210					2.4								
230													
242													
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0%	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



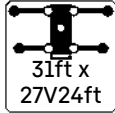
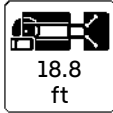
		x1000lb												
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
	13													
	14													
	16													
	18													
	20													
	25													
	30													
	35	15.2			14.9									
	40	15.1			14.9			14.2			13.8			
	45	14.9			14.7			14.1			13.7			
	50	14.8			14.6			13.9			13.6			
	60	14.4	11.4		14.2	11.3		13.6			13.3			
	70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4		
	80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3	
	90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1	
	100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9	
	110	10.9	9.0	7.8	10.8	9.0	7.8	10.7	8.9	7.8	10.5	8.8	7.7	
	120	10.3	8.7	7.7	10.2	8.7	7.7	10.2	8.6	7.6	10.0	8.6	7.6	
	130	9.6	8.4	7.6	9.6	8.4	7.6	9.3	8.4	7.5	9.5	8.3	7.5	
	140	8.3	8.2	7.5	8.8	8.2	7.5	7.7	8.2	7.5	8.5	8.1	7.4	
	150	6.7	8.0	7.4	7.4	8.0	7.4	6.1	7.7	7.4	7.0	7.9	7.4	
	170	3.9	5.2	6.0	4.7	5.8	6.5	3.3	4.7	5.7	4.4	5.6	6.4	
	190		2.6	3.2	2.4	3.3	3.9			2.9		3.1	3.8	
	210													
	230													
	242													
<hr/>														
	%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
	%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	13	19.3											
	14	19.3											
	16	19.3											
	18	19.3											
	20	19.3											
	25	19.3											
	30	19.3			16.4			16.0			15.9		
	35	18.6			16.4			16.0			15.9		
	40	17.6	13.7		16.3			15.8			15.7		
	45	16.5	12.9		16.2			15.6			15.5		
	50	15.5	12.2		15.9			15.5			15.4		
	60	13.7	10.9	9.0	15.3	11.7		15.0	11.6		14.9	11.6	
	70	11.5	9.9	8.6	14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
	80	9.7	9.2	8.2	13.4	10.3	8.5	13.4	10.3	8.5	13.3	10.2	8.5
	90	8.4	8.6	7.9	12.5	9.8	8.3	12.5	9.8	8.2	12.4	9.8	8.2
	100	7.5	8.2	7.8	11.7	9.4	8.0	11.7	9.4	8.0	11.7	9.4	8.0
	110	6.7	7.9	7.8	10.9	9.0	7.9	10.9	9.0	7.9	11.0	9.0	7.9
	120	6.1	7.7		10.0	8.7	7.7	9.1	8.7	7.7	9.5	8.7	7.7
	130				8.6	8.4	7.6	7.3	8.4	7.6	7.7	8.4	7.6
	140				7.0	8.1	7.6	5.6	7.2	7.5	6.1	7.5	7.5
	150				5.7	6.7	7.4	4.1	5.6	6.6	4.7	6.0	6.9
	170				3.1	4.1	4.7		2.9	3.6		3.3	4.1
	190												
	210												
	215												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

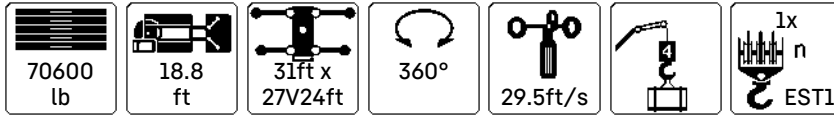
TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
13													
14													
16													
18													
20													
25													
30													
35	15.2			14.9									
40	15.1			14.9			14.2			13.8			
45	14.9			14.7			14.1			13.7			
50	14.8			14.6			13.9			13.6			
60	14.4	11.4		14.2	11.3		13.6			13.3			
70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4		
80	13.1	10.2	8.4	12.9	10.1	8.4	12.5	10.0	8.3	12.2	9.9	8.3	
90	12.3	9.7	8.2	12.1	9.7	8.2	11.9	9.6	8.1	11.6	9.5	8.1	
100	11.6	9.3	8.0	11.5	9.3	8.0	11.3	9.2	7.9	11.0	9.2	7.9	
110	10.2	9.0	7.8	10.7	9.0	7.8	9.4	8.9	7.8	10.3	8.8	7.7	
120	8.0	8.7	7.7	8.9	8.7	7.7	7.3	8.6	7.6	8.3	8.6	7.6	
130	6.1	8.2	7.6	7.0	8.3	7.6	5.4	7.5	7.5	6.5	8.1	7.5	
140	4.4	6.3	7.5	5.3	7.0	7.5	3.7	5.7	7.2	4.8	6.6	7.4	
150	2.9	4.6	5.9	3.9	5.4	6.6		4.0	5.4	3.4	5.0	6.3	
170			2.8		2.7	3.6			2.2			3.3	
190													
210													
215													

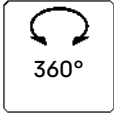
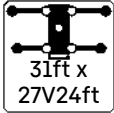
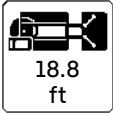
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
13													
14													
16													
18													
20													
25													
30													
35													
40		10.9			13.0			12.4					
45		10.8			13.0			12.3			10.3		
50		10.7			12.8			12.2			10.3		
60		10.6			12.5			11.9			10.1		
70		10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1	
80		10.1	9.0		11.8	9.7		11.3	9.5		9.8	8.8	
90		9.7	8.7	7.7	11.3	9.4	8.0	10.9	9.2	7.9	9.6	8.6	7.6
100		9.3	8.4	7.6	10.6	9.0	7.8	10.4	8.9	7.8	9.2	8.3	7.5
110		8.8	8.0	7.5	8.8	8.7	7.7	9.6	8.6	7.6	8.7	8.0	7.4
120		8.3	7.7	7.3	6.8	8.3	7.6	7.9	8.4	7.5	8.3	7.6	7.2
130		7.8	7.3	7.0	5.0	7.0	7.5	6.1	7.7	7.4	7.8	7.3	7.0
140		7.4	7.0	6.8	3.3	5.3	6.8	4.6	6.3	7.2	6.8	7.0	6.7
150		6.4	6.7	6.5		3.7	5.1	3.2	4.9	6.1	5.5	6.7	6.5
170		4.3	5.2	5.8						3.3	3.3	4.4	5.2
190		2.3	3.2	3.7								2.4	3.1
210													
215													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVNZK: TV-23ft NZK-66ft



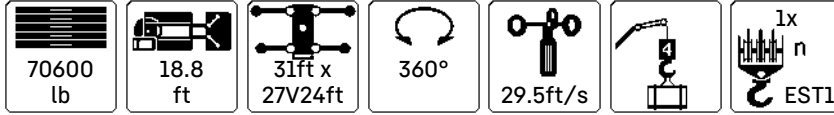
	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.5			10.7			9.8					
	50	11.4			10.6			9.7			9.9		
	60	11.2			10.4			9.6			9.8		
	70	11.0	9.6		10.2	9.3		9.5			9.7		
	80	10.7	9.3		10.1	9.0		9.3	8.6		9.5	8.8	
	90	10.4	9.0	7.8	9.9	8.7	7.7	9.2	8.4	7.5	9.4	8.5	
	100	10.0	8.7	7.7	9.6	8.5	7.6	8.9	8.2	7.4	9.1	8.3	7.5
	110	8.4	8.5	7.5	9.1	8.3	7.4	8.5	7.9	7.3	8.1	8.1	7.3
	120	6.4	8.3	7.4	7.6	8.1	7.3	8.2	7.5	7.2	6.2	7.7	7.3
	130	4.7	6.7	7.3	5.9	7.7	7.3	7.0	7.2	6.9	4.6	6.5	7.2
	140	3.2	5.1	6.5	4.5	6.1	7.1	5.6	6.9	6.7	3.1	4.9	6.4
	150		3.6	5.0	3.1	4.7	6.0	4.3	5.8	6.5		3.6	4.9
	170						3.3		3.4	4.3			
	190												
	210												
	215												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



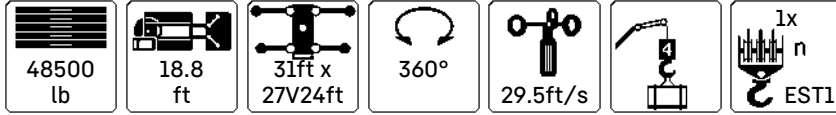
 ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2			6.9			
70	9.0			7.9			8.2			6.9			
80	8.8	8.4		7.7	7.4		8.2	7.9		6.9			
90	8.7	8.2		7.5	7.4		8.1	7.9		6.9	6.9		
100	8.6	8.0	7.3	7.2	7.2	7.1	8.0	7.8	7.2	6.9	6.9		
110	8.3	7.7	7.2	7.0	6.9	6.9	7.5	7.6	7.1	6.7	6.7	6.7	
120	7.5	7.4	7.1	6.7	6.6	6.5	6.1	7.3	7.0	6.2	6.4	6.4	
130	5.9	7.1	6.9	6.3	6.3	6.2	4.5	6.3	6.7	5.2	6.2	6.2	
140	4.5	6.1	6.6	4.9	5.9	6.0	3.1	4.9	6.2	3.8	5.4	5.9	
150	3.2	4.7	6.0	3.7	5.1	5.7		3.6	4.9	2.5	4.1	5.3	
170		2.3	3.4		2.8	3.8			2.2			2.9	
190													
210													
215													
 %	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
 %	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
 %	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



ft	x1000lb									
	237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1	
13										
14										
16										
18										
20										
25										
30										
35										
40										
45										
50										
60	6.4			6.0				5.8		
70	6.4			6.0				5.8		
80	6.4			6.0				5.8		
90	6.4	6.8		6.0	6.4			5.8	6.3	
100	6.4	6.7		6.0	6.4			5.8	6.3	
110	6.3	6.6	6.5	6.0	6.3	6.2		5.8	6.2	6.0
120	5.8	6.4	6.4	5.4	6.2	6.2		5.0	6.1	6.0
130	4.3	5.8	6.1	3.9	5.7	6.0		3.6	5.6	6.0
140	2.9	4.7	5.8	2.3	4.3	5.7			4.1	5.5
150		3.4	4.7		3.0	4.4			2.8	4.2
170										
190										
210										
215										
1	90+	90+	90+	90+	90+	90+	90+	100+	100+	100+
2	90+	90+	90+	100+	100+	100+	100+	100+	100+	100+
3	90+	90+	90+	100+	100+	100+	100+	100+	100+	100+
4	100+	100+	100+	100+	100+	100+	100+	100+	100+	100+
5	100+	100+	100+	100+	100+	100+	100+	100+	100+	100+
6	100+	100+	100+	100+	100+	100+	100+	100+	100+	100+
7	100+	100+	100+	100+	100+	100+	100+	100+	100+	100+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
13													
14													
16													
18													
20													
25													
30													
35	15.2			14.9									
40	15.1			14.9			14.2			13.8			
45	14.9			14.7			14.1			13.7			
50	14.8			14.6			13.9			13.6			
60	14.4	11.4		14.2	11.3		13.6			13.3			
70	13.8	10.8		13.6	10.7		13.2	10.5		12.8	10.4		
80	13.1	10.2	8.4	12.9	10.1	8.4	12.3	10.0	8.3	12.2	9.9	8.3	
90	10.2	9.7	8.2	11.1	9.7	8.2	9.4	9.6	8.1	10.4	9.5	8.1	
100	7.5	9.3	8.0	8.4	9.3	8.0	6.7	9.2	7.9	7.8	9.2	7.9	
110	5.3	7.9	7.8	6.1	8.4	7.8	4.5	7.2	7.8	5.6	8.0	7.7	
120	3.3	5.7	7.6	4.2	6.5	7.7		5.1	7.1	3.7	6.0	7.4	
130		3.8	5.5	2.3	4.6	6.2		3.1	5.0		4.2	5.9	
140			3.7		2.9	4.4			3.2		2.4	4.1	
150						2.8						2.4	
170													
190													
194													

%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

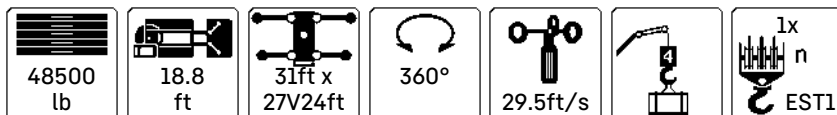
TVNZK: TV-23ft NZK-66ft

 48500 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s		 1x n EST1
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ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
13													
14													
16													
18													
20													
25													
30													
35													
40	10.9			13.0			12.4						
45	10.8			13.0			12.3			10.3			
50	10.7			12.8			12.2			10.3			
60	10.6			12.5			11.9			10.1			
70	10.3	9.3		12.2	10.1		11.7	9.9		10.0	9.1		
80	10.1	9.0		11.5	9.7		11.3	9.5		9.8	8.8		
90	9.7	8.7	7.7	8.6	9.4	8.0	9.7	9.2	7.9	9.6	8.6	7.6	
100	9.3	8.4	7.6	6.2	8.9	7.8	7.4	8.9	7.8	9.0	8.3	7.5	
110	8.6	8.0	7.5	4.0	6.7	7.7	5.4	7.7	7.6	7.6	8.0	7.4	
120	7.0	7.7	7.3		4.7	6.7	3.4	5.8	7.3	5.9	7.4	7.2	
130	5.5	7.0	7.0		2.7	4.7		4.0	5.7	4.5	6.1	7.0	
140	4.1	5.6	6.7			2.8			4.0	3.1	4.7	5.9	
150	2.9	4.3	5.3						2.3		3.4	4.5	
170			2.8										
190													
194													

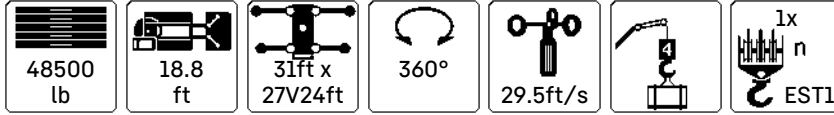
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



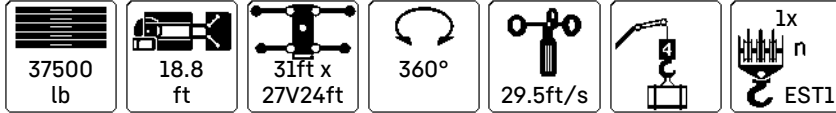
		x1000lb												
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
	ft													
	13													
	14													
	16													
	18													
	20													
	25													
	30													
	35													
	40													
	45													
	50	9.2			8.0			8.2						
	60	9.1			8.0			8.2			6.9			
	70	9.0			7.9			8.2			6.9			
	80	8.8	8.4		7.7	7.4		8.2	7.9		6.9			
	90	8.6	8.2		7.5	7.4		7.6	7.9		6.9	6.9		
	100	6.9	8.0	7.3	7.2	7.2	7.1	5.5	7.7	7.2	6.0	6.9		
	110	5.0	7.2	7.2	5.5	6.9	6.9	3.5	6.0	7.1	4.3	6.4	6.7	
	120	3.4	5.5	7.0	3.9	5.8	6.5		4.2	6.1	2.6	4.8	6.3	
	130		3.9	5.5	2.3	4.3	5.8		2.5	4.4		3.3	4.9	
	140		2.4	4.0		2.9	4.3			2.8			3.4	
	150			2.6			3.0							
	170													
	190													
	194													
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+	
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+	
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+	
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+	
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+	
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+	
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVNZK: TV-23ft NZK-66ft



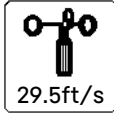
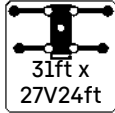
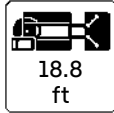
		x1000lb											
ft		237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1			
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		6.4			6.0			5.8					
70		6.4			6.0			5.8					
80		6.4			6.0			5.8					
90		6.4	6.8		6.0	6.4		5.7	6.3				
100		5.1	6.7		4.7	6.4		4.4	6.3				
110		3.3	5.6	6.5		5.3	6.2	2.2	5.0	6.0			
120			4.0	5.8		3.6	5.4		3.3	5.2			
130			2.3	4.1			3.8			3.6			
140				2.6									
150													
170													
190													
194													
<hr/>													
	1	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0			

TVNZK: TV-23ft NZK-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
13	19.3												
14	19.3												
16	19.3												
18	19.3												
20	19.3												
25	19.3												
30	19.3				16.4			16.0			15.9		
35	18.6				16.4			16.0			15.9		
40	17.6	13.7			16.3			15.8			15.7		
45	16.5	12.9			16.2			15.6			15.5		
50	15.5	12.2			15.9			15.5			15.4		
60	13.7	10.9	9.0		15.3	11.7		15.0	11.6		14.9	11.6	
70	11.5	9.9	8.6		14.4	11.0	8.8	14.2	10.9	8.7	14.1	10.9	
80	9.7	9.2	8.2		13.2	10.3	8.5	11.5	10.3	8.5	12.1	10.2	8.5
90	8.4	8.6	7.9		10.4	9.8	8.3	8.4	9.8	8.2	9.0	9.8	8.2
100	7.5	8.2	7.8		7.8	9.4	8.0	5.9	8.6	8.0	6.5	8.9	8.0
110	6.7	7.9	7.8		5.8	7.9	7.9	3.7	6.3	7.7	4.4	6.8	7.8
120	6.1	7.7			4.0	6.0	7.3		4.3	6.2	2.3	4.8	6.6
130						4.2	5.6		2.3	4.2		3.1	4.7
140						2.6	3.9			2.2			2.9
150													
170													
183													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

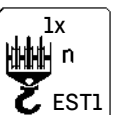
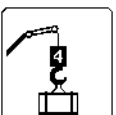
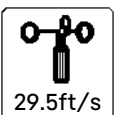
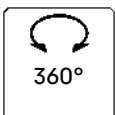
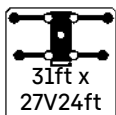
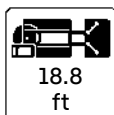
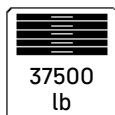
TVNZK: TV-23ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
13													
14													
16													
18													
20													
25													
30													
35	15.2			14.9									
40	15.1			14.9			14.2				13.8		
45	14.9			14.7			14.1				13.7		
50	14.8			14.6			13.9				13.6		
60	14.4	11.4		14.2	11.3		13.6				13.3		
70	13.5	10.8		13.6	10.7		12.6	10.5			12.8	10.4	
80	10.1	10.2	8.4	11.0	10.1	8.4	9.2	10.0	8.3	10.3	9.9	8.3	
90	7.2	9.7	8.2	8.0	9.7	8.2	6.3	9.5	8.1	7.5	9.5	8.1	
100	4.7	7.7	8.0	5.6	8.4	8.0	3.7	7.0	7.9	5.1	7.9	7.9	
110	2.3	5.3	7.5	3.4	6.1	7.8		4.7	7.0	2.7	5.6	7.7	
120		3.2	5.3		4.1	6.0			4.7		3.7	5.6	
130			3.3			4.0			2.6			3.7	
140													
150													
170													
183													

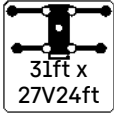
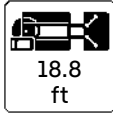
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



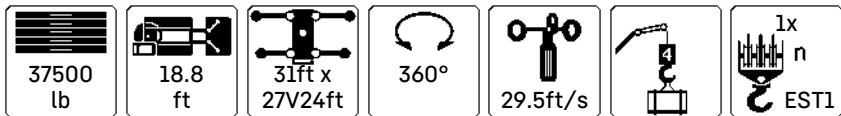
	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	11.5			10.7			9.8					
	50	11.4			10.6			9.7			9.9		
	60	11.2			10.4			9.6			9.8		
	70	11.0	9.6		10.2	9.3		9.5			9.6		
	80	8.0	9.3		9.2	9.0		9.3	8.6		7.6	8.8	
	90	5.5	8.5	7.8	6.7	8.7	7.7	7.9	8.4	7.5	5.2	8.1	
	100	3.0	6.1	7.7	4.7	7.1	7.6	5.8	8.0	7.4		5.8	7.5
	110		4.1	6.2	2.5	5.2	7.1	4.1	6.2	7.3		3.9	6.0
	120			4.3		3.4	5.2		4.5	6.1			4.1
	130						3.5		3.0	4.5			2.3
	140									3.0			
	150												
	170												
	183												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



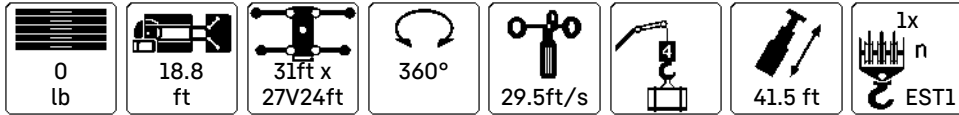
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	9.2			8.0			8.2						
60	9.1			8.0			8.2				6.9		
70	9.0			7.9			8.2				6.9		
80	8.6	8.4		7.7	7.4		7.3	7.9			6.9		
90	6.5	8.2		6.9	7.4		5.0	7.7			5.6	6.9	
100	4.5	6.9	7.3	4.9	7.1	7.1	2.7	5.7	7.2		3.6	6.2	
110		5.0	6.9	3.1	5.4	6.8		3.8	5.9			4.3	6.3
120		3.3	5.1		3.8	5.5			4.1			2.5	4.5
130			3.5			3.9			2.2				2.9
140						2.3							
150													
170													
183													
%	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
%	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-23ft NZK-66ft



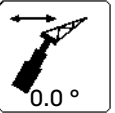
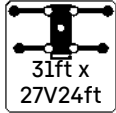
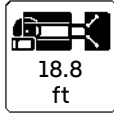
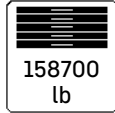
		x1000lb											
	ft	237.3	237.3	237.3	243.2	243.2	243.2	246.1	246.1	246.1			
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.4			6.0			5.8					
	70	6.4			6.0			5.8					
	80	6.4			6.0			5.6					
	90	4.6	6.7		4.1	6.4		3.7	6.3				
	100		5.3			4.9			4.7				
	110		3.5	5.5		3.0	5.2		2.6	5.0			
	120			3.8			3.5			3.2			
	130												
	140												
	150												
	170												
	183												
	1	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	2	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	3	90+	90+	90+	100+	100+	100+	100+	100+	100+			
	4	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	5	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	6	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	7	100+	100+	100+	100+	100+	100+	100+	100+	100+			
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0			

TVNZK: TV-23ft NZK-66ft



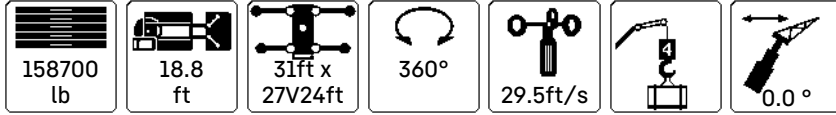
		x1000lb									
	ft										
	13	19.3									
	14	19.3									
	15	19.3									
	16	19.3									
	17	19.3									
	18	19.3									
	19	19.3									
	20	19.3									
	22	19.3									
	24	19.3									
	26	19.3									
	28	19.3									
	30	19.3									
	32	19.1									
	34	18.8									
	36	18.4	14.3								
	38	18.0	14.0								
	40	17.6	13.7								
	45	16.5	12.9								
	50	15.5	12.2								
	55	14.6	11.5	9.3							
	60	13.7	10.9	9.0							
	65	12.6	10.4	8.8							
	70	11.5	9.9	8.6							
	75	10.5	9.5	8.3							
	80	9.3	9.2	8.2							
	85	8.1	8.9	8.0							
	90	7.1	8.3	7.9							
	95	6.3	7.3	7.8							
	100	5.5	6.4	7.1							
	105	4.8	5.6	6.2							
	110	4.2	4.9	5.3							
	115	3.5	4.1	4.4							
	120	2.9	3.4								
	125	2.6									
	1	0+	0+	0+							
	2	0+	0+	0+							
	3	0+	0+	0+							
	4	0+	0+	0+							
	5	0+	0+	0+							
	6	0+	0+	0+							
	7	0+	0+	0+							
	°	0.0	20.0	40.0							

TVNZK: TV-46ft NZK-38ft



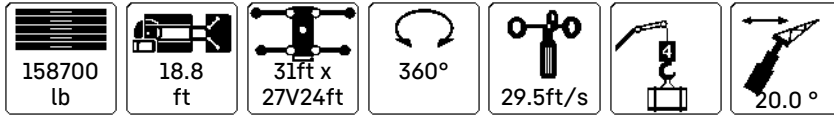
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	20	42.5											
	25	38.5											
	30	34.8	28.5										
	35	31.5	27.5	25.9	25.6	23.9	21.8						
	40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
	45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
	50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
	60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
	70	14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9
	80	12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3
	90	10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7
	100	9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1
	110	8.1	13.3	13.6	13.5	13.6	13.2	12.9	12.5	8.7	12.0	11.4	8.6
	120	7.4	12.1	12.4	12.3	12.5	12.3	12.1	11.8	8.1	11.4	10.8	8.1
	130		11.0	11.3	11.2	11.4	11.4	11.3	11.0	7.6	10.8	10.3	7.6
	140		10.1	10.4	10.3	10.6	10.6	10.6	10.3	7.1	10.2	9.8	7.1
	150		9.4	9.7	9.6	9.8	9.9	10.0	9.7	6.6	9.7	9.3	6.7
	170		8.3	8.6	8.5	8.8	8.8	8.9	8.8	5.8	8.8	8.3	5.9
	190		7.5	7.7	7.7	7.9	8.0	8.1	7.8	5.1	8.0	7.1	5.2
	210		5.2	6.9	7.1	6.1	7.0	5.8	6.6	4.4	5.6	6.0	4.6
	230					3.8	4.5	3.7	4.6	4.0	3.5	4.6	4.1
	250									3.2		2.9	3.7
	269												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



		x1000lb										
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	20											
	25											
	30											
	35											
	40											
	45	14.2	12.9	11.3								
	50	14.0	12.7	11.1	11.6	10.3						
	60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
	70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
	80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8
	90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6
	100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4
	110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1
	120	10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9
	130	10.0	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7
	140	9.6	8.3	7.1	8.2	7.1	5.8	7.0	5.7	5.6	5.5	5.4
	150	9.2	7.9	6.7	7.8	6.7	5.5	6.6	5.4	5.3	5.2	5.1
	170	8.3	7.0	5.9	7.0	6.0	4.9	5.9	4.8	4.8	4.6	4.6
	190	7.2	6.3	5.3	6.3	5.3	4.0	5.3	4.1	4.3	3.9	3.9
	210	5.6	5.5	4.7	5.6	4.8	3.1	4.8	3.2	3.8	3.2	3.0
	230	3.5	4.6	4.1	3.7	4.3		4.0	2.4	3.4	2.4	
	250		3.0	3.2		3.3		2.2		2.3		
	269			2.4								
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

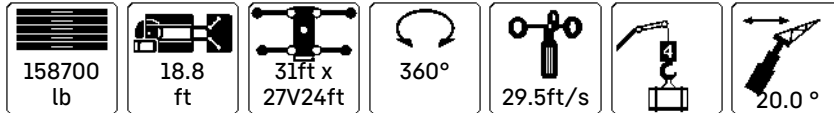
TVNZK: TV-46ft NZK-38ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
20													
25													
30													
35		28.8											
40		25.7											
45		22.9	22.8										
50		20.6	21.8	21.0	20.8	20.0	18.8						
60		16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
70		14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
80		11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7
90		10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1
100		9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7
110		8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2
120			11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8
130			10.2	10.4	10.4	10.5	10.6	10.5	10.2	7.4	10.1	9.8	7.4
140			9.5	9.7	9.7	9.8	9.9	9.9	9.7	7.0	9.6	9.3	7.0
150			8.9	9.2	9.1	9.3	9.3	9.4	9.2	6.6	9.2	8.9	6.6
170			8.0	8.2	8.2	8.3	8.4	8.5	8.4	5.8	8.4	8.2	5.9
190			7.3	7.5	7.5	7.7	7.7	7.8	7.7	5.1	7.7	7.2	5.2
210				7.0	7.0	6.4	7.2	6.2	6.8	4.5	6.1	6.1	4.6
230								3.9	4.9	4.0	3.8	4.9	4.1
250												3.1	3.7
269													

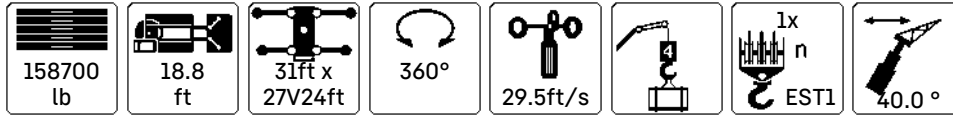
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x


TVNZK: TV-46ft NZK-38ft










ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
20												
25												
30												
35												
40												
45												
50												
60	13.1	12.0										
70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9	6.8	
90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7	6.6	
100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5	6.4	
110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2	6.1	
120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0	5.9	
130	9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8	5.7	
140	9.2	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5	5.4	
150	8.8	7.8	6.6	7.7	6.6	5.5	6.5	5.4	5.4	5.2	5.2	
170	8.1	6.9	5.9	6.9	5.9	4.9	5.9	4.8	4.8	4.7	4.7	
190	7.3	6.2	5.3	6.3	5.3	4.2	5.3	4.2	4.3	4.1	4.1	
210	6.1	5.6	4.7	5.6	4.8	3.3	4.8	3.4	3.8	3.4	3.3	
230	3.9	4.7	4.2	4.1	4.3	2.4	4.3	2.6	3.4	2.6	2.2	
250		3.3	3.3	2.3	3.5		2.6		2.7			
269												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

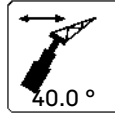
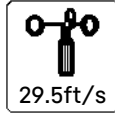
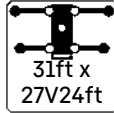
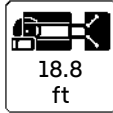
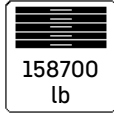
TVNZK: TV-46ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
20													
25													
30													
35													
40	23.0												
45	21.4												
50	19.4												
60	16.1	17.9	17.8	17.6	17.2	16.5							
70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9	
80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4	
90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9	
100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4	
110	8.1	11.4	11.5	11.4	11.5	11.5	11.4	11.1	8.0	11.0	10.5	8.0	
120		10.5	10.7	10.6	10.7	10.7	10.7	10.4	7.6	10.3	10.0	7.6	
130		9.8	10.0	9.9	10.1	10.1	10.1	9.9	7.3	9.8	9.5	7.2	
140		9.3	9.4	9.4	9.5	9.6	9.6	9.4	6.9	9.3	9.1	6.9	
150		8.8	8.9	8.9	9.0	9.1	9.1	9.0	6.5	9.0	8.7	6.6	
170		8.0	8.2	8.1	8.3	8.3	8.4	8.3	5.8	8.3	8.1	5.9	
190		7.5	7.6	7.6	7.7	7.8	7.8	7.7	5.1	7.7	7.3	5.2	
210			7.2	7.2	6.5	7.3	6.4	6.9	4.5	6.3	6.2	4.7	
230							4.0	4.9	4.0	3.9	5.0	4.2	
250													
269													

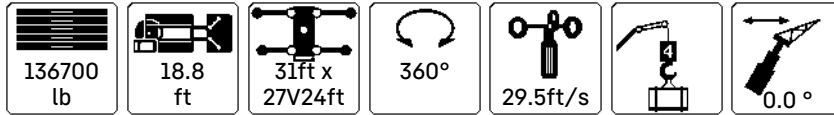
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVNZK: TV-46ft NZK-38ft



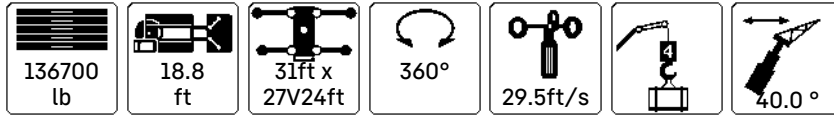
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70	12.2										
	80	11.7	10.8	9.1	10.2	8.9	7.9	8.5				
	90	11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	6.7
	100	10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6	6.4
	110	10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3	6.2
	120	9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1	6.0
	130	9.3	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8	5.7
	140	9.0	8.2	6.8	8.1	6.8	5.8	6.7	5.8	5.7	5.6	5.5
	150	8.6	7.7	6.5	7.7	6.5	5.5	6.4	5.5	5.4	5.3	5.2
	170	8.0	7.0	5.9	6.9	5.9	4.9	5.9	4.9	4.9	4.8	4.7
	190	7.4	6.3	5.3	6.3	5.3	4.3	5.3	4.3	4.4	4.2	4.2
	210	6.4	5.7	4.7	5.7	4.8	3.5	4.8	3.6	3.9	3.5	3.5
	230	4.1	4.8	4.2	4.4	4.3	2.5	4.4	2.7	3.5	2.7	2.4
	250		3.3	3.3	2.4	3.6		2.8		2.9		
	269											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+

TVNZK: TV-46ft NZK-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
13												
14												
16												
18												
20												
25												
30												
35												
40												
45		14.2	12.9	11.3								
50		14.0	12.7	11.1	11.6	10.3						
60		13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
70		13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
80		12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8
90		11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6
100		11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4
110		10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1
120		10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9
130		10.0	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7
140		9.6	8.3	7.1	8.2	7.1	5.8	7.0	5.7	5.6	5.5	5.4
150		9.2	7.9	6.7	7.8	6.7	5.5	6.6	5.4	5.3	5.2	5.1
170		8.0	7.0	5.9	7.0	6.0	4.9	5.9	4.8	4.8	4.6	4.6
190		5.5	6.3	5.3	5.4	5.3	4.0	5.2	4.1	4.3	3.9	3.9
210		3.2	4.4	4.7	3.4	4.7	3.1	3.5	3.2	3.3	3.0	2.8
230			2.6	3.7		2.8			2.4			
250												
261												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



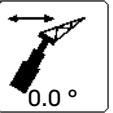
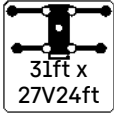
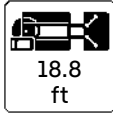
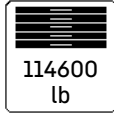
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	24.1											
	40	23.0											
	45	21.4											
	50	19.4											
	60	16.1	17.9	17.8	17.6	17.2	16.5						
	70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9
	80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4
	90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9
	100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4
	110	8.1	11.4	11.5	11.4	11.5	11.5	11.4	11.1	8.0	11.0	10.5	8.0
	120		10.5	10.7	10.6	10.7	10.7	10.7	10.4	7.6	10.3	10.0	7.6
	130		9.8	10.0	9.9	10.1	10.1	10.1	9.9	7.3	9.8	9.5	7.2
	140		9.3	9.4	9.4	9.5	9.6	9.6	9.4	6.9	9.3	9.1	6.9
	150		8.8	8.9	8.9	9.0	9.1	9.1	9.0	6.5	9.0	8.7	6.6
	170		8.0	8.2	8.1	8.3	8.3	8.4	8.3	5.8	8.3	8.1	5.9
	190		7.5	7.4	7.6	6.7	7.5	6.6	7.4	5.1	6.5	7.3	5.2
	210			4.8	5.3	4.1	5.0	4.0	4.9	4.5	3.9	5.0	4.7
	230								2.7	4.0		2.8	4.2
	250												
	261												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



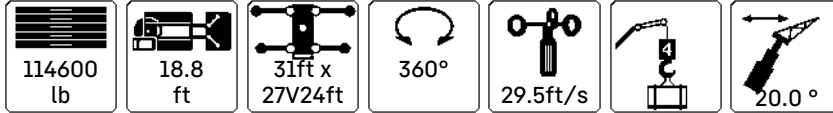
	x1000lb												
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13	46.1											
	14	46.1											
	16	45.5											
	18	44.1											
	20	42.5											
	25	38.5											
	30	34.8	28.5										
	35	31.5	27.5	25.9	25.6	23.9	21.8						
	40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
	45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
	50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
	60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
	70	14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9
	80	12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3
	90	10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7
	100	9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1
	110	8.1	13.3	13.6	13.5	13.6	13.2	12.9	12.5	8.7	12.0	11.4	8.6
	120	7.4	12.1	12.4	12.3	12.5	12.3	12.1	11.8	8.1	11.4	10.8	8.1
	130		11.0	11.3	11.2	11.4	11.4	11.3	11.0	7.6	10.8	10.3	7.6
	140		10.1	10.4	10.3	10.5	10.6	10.5	10.3	7.1	10.1	9.8	7.1
	150		9.4	9.6	9.6	8.9	9.6	8.7	9.4	6.6	8.3	9.1	6.7
	170		8.1	6.8	7.2	5.9	6.9	5.7	6.6	5.8	5.4	6.5	5.9
	190		5.7	4.2	4.7	3.3	4.3	3.1	4.1	5.1	2.9	4.0	5.2
	210		3.8	2.2	2.7		2.3			4.4			4.2
	230									3.2			2.5
	245									2.2			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x










TVNZK: TV-46ft NZK-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	14.2	12.9	11.3									
	50	14.0	12.7	11.1	11.6	10.3							
	60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9	
	70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9	
	80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8	
	90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6	
	100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4	
	110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1	
	120	10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9	
	130	10.0	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7	
	140	9.4	8.3	7.1	8.2	7.1	5.8	7.0	5.7	5.6	5.5	5.4	
	150	8.0	7.9	6.7	7.6	6.7	5.5	6.6	5.4	5.3	5.2	5.1	
	170	5.2	6.4	5.9	5.1	6.0	4.9	5.1	4.8	4.6	4.6	4.3	
	190	2.9	4.1	5.1	2.9	4.2	4.0	2.9	3.6	2.8	2.4		
	210			3.3		2.3	2.8						
	230												
	245												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
	80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7
	90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1
	100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7
	110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2
	120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8
	130		10.2	10.4	10.4	10.5	10.6	10.5	10.2	7.4	10.1	9.8	7.4
	140		9.5	9.7	9.7	9.8	9.9	9.9	9.7	7.0	9.6	9.3	7.0
	150		8.9	9.2	9.1	9.2	9.3	9.2	9.2	6.6	9.0	8.9	6.6
	170		8.0	7.3	7.7	6.6	7.4	6.5	7.2	5.8	6.1	7.2	5.9
	190		6.0	4.6	5.1	3.9	4.8	3.7	4.6	5.1	3.6	4.7	5.2
	210			2.5	2.9		2.6		2.4	4.5		2.4	4.5
	230									3.5			2.8
	245												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	13.1	12.0										
70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9	6.8	
90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7	6.6	
100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5	6.4	
110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2	6.1	
120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0	5.9	
130	9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8	5.7	
140	9.2	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5	5.4	
150	8.6	7.8	6.6	7.7	6.6	5.5	6.5	5.4	5.4	5.2	5.2	
170	5.9	6.9	5.9	5.8	5.9	4.9	5.8	4.8	4.8	4.7	4.7	
190	3.5	4.7	5.3	3.5	4.8	4.2	3.6	4.1	3.4	3.1	2.9	
210		2.7	3.8		2.8	3.3		2.4				
230												
245												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft












ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13													
14													
16													
18													
20													
25													
30													
35	24.1												
40	23.0												
45	21.4												
50	19.4												
60	16.1	17.9	17.8	17.6	17.2	16.5							
70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9	
80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4	
90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9	
100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4	
110	8.1	11.4	11.5	11.4	11.5	11.5	11.4	11.1	8.0	11.0	10.5	8.0	
120		10.5	10.7	10.6	10.7	10.7	10.7	10.4	7.6	10.3	10.0	7.6	
130		9.8	10.0	9.9	10.1	10.1	10.1	9.9	7.3	9.8	9.5	7.2	
140		9.3	9.4	9.4	9.5	9.6	9.6	9.4	6.9	9.3	9.1	6.9	
150		8.8	8.9	8.9	9.0	9.1	9.1	9.0	6.5	9.0	8.7	6.6	
170		8.0	7.6	7.9	7.0	7.8	6.9	7.6	5.8	6.7	7.6	5.9	
190		6.1	4.8	5.3	4.1	5.1	4.0	5.0	5.1	4.0	5.0	5.2	
210			2.4	2.9		2.7		2.6	4.5		2.7	4.7	
230									3.5			2.9	
245													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



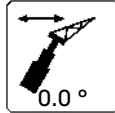
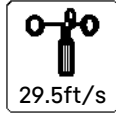
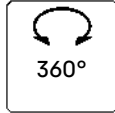
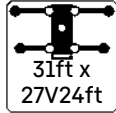
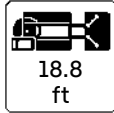
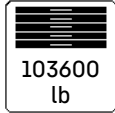
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	12.2												
80	11.7	10.8	9.1	10.2	8.9	7.9	8.5						
90	11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	6.7		
100	10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6	6.4		
110	10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3	6.2		
120	9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1	6.0		
130	9.3	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8	5.7		
140	9.0	8.2	6.8	8.1	6.8	5.8	6.7	5.8	5.7	5.6	5.5		
150	8.6	7.7	6.5	7.7	6.5	5.5	6.4	5.5	5.4	5.3	5.2		
170	6.5	7.0	5.9	6.4	5.9	4.9	5.9	4.9	4.9	4.8	4.7		
190	3.9	5.1	5.3	3.9	5.1	4.3	4.0	4.3	3.9	3.6	3.4		
210		2.9	4.0		3.1	3.4		2.7					
230													
245													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	ft												
	13	46.1											
	14	46.1											
	16	45.5											
	18	44.1											
	20	42.5											
	25	38.5											
	30	34.8	28.5										
	35	31.5	27.5	25.9	25.6	23.9	21.8						
	40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
	45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
	50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
	60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6
	70	14.7	19.9	19.5	19.3	18.6	17.5	16.6	15.9	11.4	14.9	14.0	10.9
	80	12.3	18.1	17.9	17.8	17.3	16.3	15.6	15.0	10.6	14.2	13.3	10.3
	90	10.4	16.3	16.4	16.3	16.0	15.2	14.6	14.1	9.8	13.4	12.6	9.7
	100	9.1	14.7	14.9	14.8	14.8	14.2	13.7	13.2	9.2	12.7	12.0	9.1
	110	8.1	13.3	13.6	13.5	13.6	13.2	12.9	12.5	8.7	12.0	11.4	8.6
	120	7.4	12.1	12.4	12.3	12.5	12.3	12.1	11.8	8.1	11.4	10.8	8.1
	130		11.0	11.3	11.2	10.9	11.4	10.7	11.0	7.6	10.1	10.3	7.6
	140		10.1	9.7	10.1	9.0	9.8	8.8	9.6	7.1	8.2	9.4	7.1
	150		9.3	8.1	8.5	7.4	8.2	7.1	8.0	6.6	6.6	7.7	6.7
	170		6.7	5.2	5.7	4.4	5.4	4.2	5.2	5.8	3.8	5.0	5.9
	190		4.3	2.8	3.3		2.9		2.7	5.1		2.7	4.9
	210		2.6							3.7			3.0
	230												
	237												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

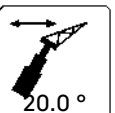
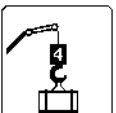
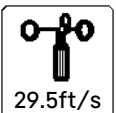
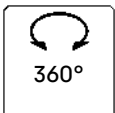
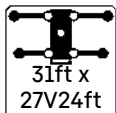
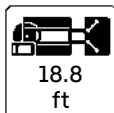
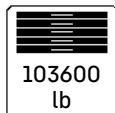
TVNZK: TV-46ft NZK-38ft



		x1000lb										
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45	14.2	12.9	11.3								
	50	14.0	12.7	11.1	11.6	10.3						
	60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9
	70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9
	80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8
	90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6
	100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4
	110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1
	120	10.4	9.4	8.0	9.1	7.9	6.5	7.7	6.3	6.2	6.0	5.9
	130	9.8	8.8	7.5	8.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7
	140	7.9	8.3	7.1	7.7	7.1	5.8	7.0	5.7	5.6	5.5	5.4
	150	6.3	7.5	6.7	6.2	6.7	5.5	6.1	5.4	5.3	5.1	5.1
	170	3.6	4.8	5.9	3.6	4.9	4.9	3.6	4.3	3.5	3.1	2.8
	190		2.7	3.9		2.8	3.3		2.3			
	210											
	230											
	237											

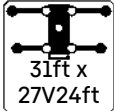
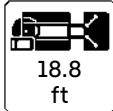
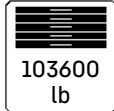
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	13.1	12.0									
	70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7			
	80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9	6.8
	90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7	6.6
	100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5	6.4
	110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2	6.1
	120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0	5.9
	130	9.6	8.7	7.3	8.5	7.2	6.2	7.1	6.0	5.9	5.8	5.7
	140	8.9	8.2	6.9	8.1	6.9	5.8	6.8	5.7	5.7	5.5	5.4
	150	7.2	7.8	6.6	7.1	6.6	5.5	6.5	5.4	5.4	5.2	5.2
	170	4.4	5.6	5.9	4.3	5.6	4.9	4.4	4.8	4.2	3.9	3.6
	190		3.3	4.4		3.4	3.9		2.9			
	210			2.5								
	230											
	237											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



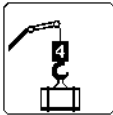
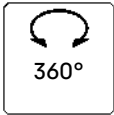
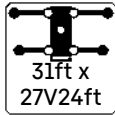
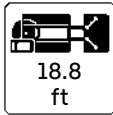
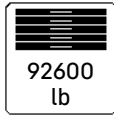
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70		12.2											
80		11.7	10.8	9.1	10.2	8.9	7.9	8.5					
90		11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	6.7	
100		10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6	6.4	
110		10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3	6.2	
120		9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1	6.0	
130		9.3	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8	5.7	
140		9.0	8.2	6.8	8.1	6.8	5.8	6.7	5.8	5.7	5.6	5.5	
150		7.9	7.7	6.5	7.7	6.5	5.5	6.4	5.5	5.4	5.3	5.2	
170		5.0	6.1	5.9	4.9	5.8	4.9	5.0	4.9	4.7	4.4	4.2	
190		2.5	3.7	4.8	2.6	3.8	4.2	2.7	3.3	2.5			
210				2.8			2.3						
230													
237													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
13													
14													
16													
18													
20													
25													
30													
35													
40													
45	14.2	12.9	11.3										
50	14.0	12.7	11.1	11.6	10.3								
60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9		
70	13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9		
80	12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8		
90	11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6		
100	11.4	10.5	8.9	9.9	8.7	7.2	8.3	6.9	6.8	6.5	6.4		
110	10.9	9.9	8.4	9.6	8.3	6.9	8.0	6.6	6.5	6.2	6.1		
120	9.8	9.4	8.0	9.0	7.9	6.5	7.7	6.3	6.2	6.0	5.9		
130	7.9	8.8	7.5	7.7	7.5	6.2	7.3	6.0	5.9	5.7	5.7		
140	6.1	7.4	7.1	6.0	7.0	5.8	6.0	5.7	5.4	5.3	5.0		
150	4.6	5.9	6.7	4.5	5.9	5.5	4.5	5.1	4.3	4.0	3.7		
170		3.4	4.5		3.4	3.9		2.9					
190			2.6										
210													
230													
231													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



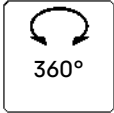
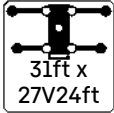
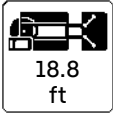
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
	80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7
	90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1
	100	9.0	13.2	13.4	13.3	13.3	13.2	12.9	12.5	8.7	12.0	11.4	8.7
	110	8.1	12.1	12.2	12.2	12.3	12.2	12.1	11.7	8.3	11.4	10.9	8.2
	120		11.0	11.3	11.2	11.3	11.3	11.3	10.9	7.8	10.8	10.3	7.8
	130		10.2	10.4	10.4	10.1	10.5	9.9	10.2	7.4	9.3	9.8	7.4
	140		9.5	8.9	9.3	8.2	9.1	8.0	8.8	7.0	7.5	8.5	7.0
	150		8.4	7.3	7.7	6.6	7.4	6.3	7.2	6.6	5.8	6.9	6.6
	170		5.7	4.4	4.8	3.6	4.6	3.3	4.3	5.8	2.9	4.2	5.9
	190		3.3		2.4					4.8			4.1
	210									2.8			
	230												
	231												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	13.1	12.0											
70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7					
80	12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9	6.8		
90	11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7	6.6		
100	10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5	6.4		
110	10.4	9.7	8.0	9.4	7.9	6.8	7.7	6.6	6.5	6.2	6.1		
120	10.0	9.2	7.6	9.0	7.5	6.5	7.4	6.3	6.2	6.0	5.9		
130	9.0	8.7	7.3	8.3	7.2	6.2	7.1	6.0	5.9	5.8	5.7		
140	7.2	8.1	6.9	7.0	6.9	5.8	6.8	5.7	5.7	5.5	5.4		
150	5.6	6.8	6.6	5.5	6.4	5.5	5.5	5.4	5.1	4.9	4.6		
170	2.9	4.1	5.2	2.9	4.1	4.5	2.9	3.6	2.7	2.4			
190			3.1			2.5							
210													
230													
231													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



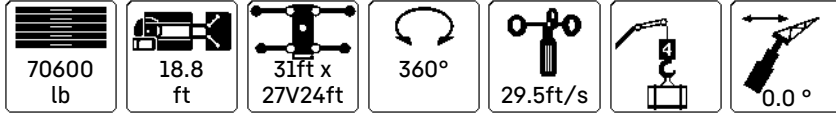
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13													
14													
16													
18													
20													
25													
30													
35		24.1											
40		23.0											
45		21.4											
50		19.4											
60		16.1	17.9	17.8	17.6	17.2	16.5						
70		13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9
80		11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4
90		10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9
100		9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4
110		8.1	11.4	11.5	11.4	11.5	11.5	11.4	11.1	8.0	11.0	10.5	8.0
120			10.5	10.7	10.6	10.7	10.7	10.7	10.4	7.6	10.3	10.0	7.6
130			9.8	10.0	9.9	10.1	10.1	10.1	9.9	7.3	9.8	9.5	7.2
140			9.3	9.3	9.4	8.8	9.5	8.7	9.3	6.9	8.3	8.9	6.9
150			8.7	7.7	8.1	7.1	7.9	6.9	7.7	6.5	6.5	7.6	6.6
170			6.0	4.7	5.2	4.0	5.0	3.8	4.8	5.8	3.5	4.7	5.9
190			3.4		2.6		2.4		2.2	5.0			4.4
210										3.0			2.4
230													
231													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70		12.2											
80		11.7	10.8	9.1	10.2	8.9	7.9	8.5					
90		11.2	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	6.7	
100		10.7	10.0	8.2	9.6	8.1	7.2	7.8	6.9	6.8	6.6	6.4	
110		10.2	9.7	7.8	9.3	7.7	6.8	7.5	6.6	6.5	6.3	6.2	
120		9.8	9.2	7.5	9.0	7.4	6.5	7.2	6.3	6.3	6.1	6.0	
130		9.2	8.7	7.1	8.5	7.1	6.2	6.9	6.0	6.0	5.8	5.7	
140		8.0	8.2	6.8	7.7	6.8	5.8	6.7	5.8	5.7	5.6	5.5	
150		6.3	7.3	6.5	6.2	6.5	5.5	6.1	5.5	5.4	5.2	5.0	
170		3.5	4.6	5.7	3.4	4.7	4.9	3.5	4.2	3.4	3.1	2.8	
190			2.3	3.4		2.5	2.9						
210													
230													
231													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

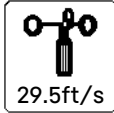
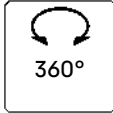
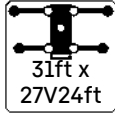
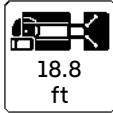
TVNZK: TV-46ft NZK-38ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45		14.2	12.9	11.3									
50		14.0	12.7	11.1	11.6	10.3							
60		13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9	
70		13.0	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9	
80		12.4	11.4	9.8	10.6	9.4	7.9	8.9	7.4	7.3	6.9	6.8	
90		11.9	10.9	9.4	10.2	9.1	7.5	8.6	7.2	7.0	6.7	6.6	
100		10.0	10.5	8.9	9.4	8.7	7.2	8.3	6.9	6.8	6.5	6.4	
110		7.7	8.9	8.4	7.5	8.1	6.9	7.2	6.6	6.3	6.0	6.0	
120		5.7	7.0	8.0	5.5	6.9	6.5	5.5	5.9	5.2	4.8	4.5	
130		4.0	5.3	6.4	3.9	5.2	5.7	3.9	4.5	3.6	3.2	2.9	
140			3.8	5.0	2.2	3.8	4.3	2.2	3.1				
150			2.3	3.7		2.4	3.0						
170													
190													
203													

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
	80	11.9	16.1	16.1	16.0	15.9	15.2	14.6	14.1	9.9	13.5	12.7	9.7
	90	10.2	14.6	14.7	14.6	14.5	14.2	13.8	13.3	9.3	12.7	12.1	9.1
	100	9.0	13.2	13.4	13.3	13.0	13.2	12.5	12.5	8.7	11.8	11.4	8.7
	110	8.1	12.1	11.7	11.9	10.6	11.6	10.1	11.0	8.3	9.5	10.4	8.2
	120		10.5	9.2	9.6	8.2	9.4	7.8	8.8	7.8	7.3	8.4	7.8
	130		8.5	7.2	7.7	6.1	7.3	5.8	6.8	7.4	5.4	6.5	7.4
	140		6.8	5.4	5.9	4.3	5.5	4.0	5.1	7.0	3.6	4.9	7.0
	150		5.4	3.8	4.3	2.6	3.9	2.3	3.5	6.4		3.4	5.6
	170		2.7							4.2			3.3
	190												
	203												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TVNZK: TV-46ft NZK-38ft



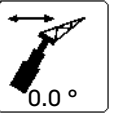
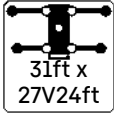
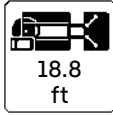
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		13.1	12.0										
70		12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
80		12.0	11.1	9.4	10.3	9.1	7.8	8.7	7.4	7.3	6.9	6.8	
90		11.4	10.6	8.9	10.0	8.7	7.5	8.4	7.1	7.0	6.7	6.6	
100		10.9	10.2	8.5	9.7	8.3	7.2	8.0	6.9	6.7	6.5	6.4	
110		9.1	9.7	8.0	8.8	7.9	6.8	7.7	6.6	6.5	6.2	6.1	
120		7.0	8.1	7.6	6.8	7.4	6.5	6.6	6.3	5.9	5.7	5.7	
130		5.1	6.3	7.2	5.0	6.3	6.1	5.0	5.4	4.7	4.4	4.1	
140		3.5	4.8	5.9	3.5	4.7	5.2	3.5	4.1	3.2	2.9		
150			3.4	4.5		3.4	3.9		2.7				
170													
190													
203													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	24.1											
	40	23.0											
	45	21.4											
	50	19.4											
	60	16.1	17.9	17.8	17.6	17.2	16.5						
	70	13.6	16.2	16.2	16.0	15.8	15.4	14.8	14.3	10.2	13.7	12.9	9.9
	80	11.6	14.7	14.7	14.6	14.5	14.4	14.0	13.5	9.5	13.0	12.3	9.4
	90	10.0	13.5	13.5	13.4	13.4	13.4	13.1	12.8	9.0	12.3	11.7	8.9
	100	9.0	12.3	12.4	12.4	12.4	12.4	12.2	11.9	8.5	11.7	11.1	8.4
	110	8.1	11.4	11.5	11.4	11.5	11.5	11.3	11.1	8.0	10.5	10.5	8.0
	120		10.5	10.0	10.4	9.2	10.2	8.9	9.7	7.6	8.4	9.2	7.6
	130		9.0	8.0	8.3	7.0	8.1	6.7	7.7	7.3	6.3	7.3	7.2
	140		7.3	6.1	6.6	5.1	6.2	4.8	5.8	6.9	4.5	5.6	6.9
	150		5.8	4.4	4.9	3.4	4.6	3.1	4.2	6.5	2.8	4.1	6.2
	170		3.0							4.5			3.7
	190									2.4			
	203												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

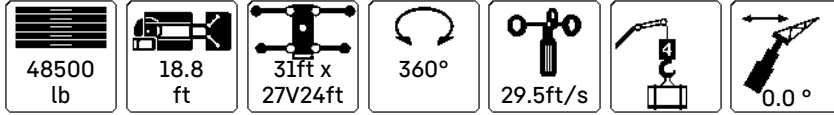
TVNZK: TV-46ft NZK-38ft











ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13	46.1												
14	46.1												
16	45.5												
18	44.1												
20	42.5												
25	38.5												
30	34.8	28.5											
35	31.5	27.5	25.9	25.6	23.9	21.8							
40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1			
45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2	
50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0	
60	17.9	21.9	21.2	21.0	20.1	18.7	17.6	16.8	12.1	15.7	14.6	11.6	
70	14.7	19.9	18.2	18.7	16.6	17.4	15.6	15.9	11.4	14.5	14.0	10.9	
80	12.3	16.0	13.8	14.4	12.4	13.7	11.8	12.7	10.6	10.9	12.0	10.3	
90	10.4	12.4	10.3	10.9	9.0	10.4	8.6	9.7	9.8	8.0	9.1	9.7	
100	9.1	9.5	7.5	8.1	6.3	7.6	5.9	7.0	9.2	5.5	6.7	8.8	
110	8.1	7.2	5.2	5.8	4.0	5.3	3.6	4.8	8.1	3.0	4.6	7.0	
120	7.4	5.2	3.2	3.8		3.3		2.7	6.3		2.4	5.2	
130		3.6							4.8			3.8	
140									3.4				
150													
170													
183													

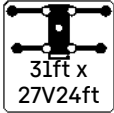
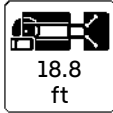
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



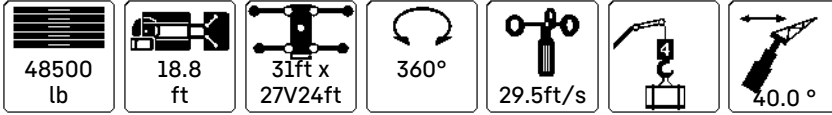
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45		14.2	12.9	11.3									
50		14.0	12.7	11.1	11.6	10.3							
60		13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9	
70		12.9	11.8	10.3	10.9	9.8	8.2	9.2	7.6	7.5	7.1	6.9	
80		10.3	11.2	9.8	9.9	9.4	7.9	8.9	7.4	7.3	6.9	6.8	
90		7.5	8.7	9.4	7.2	8.5	7.5	7.0	7.1	6.5	6.0	5.8	
100		5.2	6.4	7.6	4.9	6.3	6.7	4.8	5.4	4.5	4.0	3.6	
110		2.8	4.5	5.7		4.4	4.8	2.7	3.5				
120			2.4	4.0		2.6	3.2						
130				2.3									
140													
150													
170													
183													
 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
 n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	










TVNZK: TV-46ft NZK-38ft



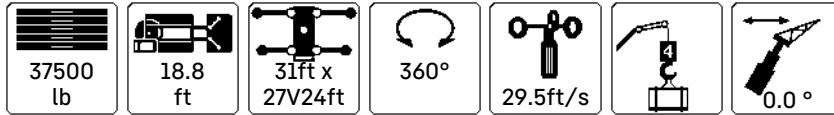
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	17.8	17.6	17.1	16.3	15.6	15.0	10.6	14.2	13.4	10.3
	80	11.9	16.1	15.7	16.0	14.5	15.2	13.8	14.1	9.9	12.9	12.7	9.7
	90	10.2	14.0	12.2	12.7	10.9	12.1	10.5	11.3	9.3	9.7	10.7	9.1
	100	9.0	11.0	9.1	9.7	8.0	9.2	7.6	8.7	8.7	7.1	8.2	8.7
	110	8.1	8.4	6.6	7.2	5.5	6.7	5.2	6.3	8.3	4.9	6.0	7.9
	120		6.3	4.5	5.1	3.4	4.7	3.1	4.2	7.3	2.6	4.1	6.3
	130		4.5	2.6	3.2		2.7		2.2	5.7			4.7
	140		2.9							4.3			3.3
	150									2.9			
	170												
	183												
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



		x1000lb										
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70	12.2										
	80	11.7	10.8	9.1	10.2	8.9	7.9	8.5				
	90	10.7	10.4	8.7	9.9	8.5	7.6	8.2	7.2	7.1	6.8	6.7
	100	8.0	9.1	8.2	7.7	8.1	7.2	7.5	6.9	6.7	6.5	6.4
	110	5.8	6.8	7.8	5.5	6.7	6.8	5.4	6.0	5.1	4.7	4.5
	120	3.8	4.9	6.0	3.7	4.9	5.3	3.6	4.2	3.3	2.9	2.5
	130		3.2	4.4		3.2	3.7		2.5			
	140			2.8								
	150											
	170											
	183											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13	46.1											
	14	46.1											
	16	45.5											
	18	44.1											
	20	42.5											
	25	38.5											
	30	34.8	28.5										
	35	31.5	27.5	25.9	25.6	23.9	21.8						
	40	28.3	26.4	25.0	24.7	23.2	21.2	19.6	18.6	13.2	17.1		
	45	25.1	25.2	24.0	23.8	22.4	20.6	19.1	18.2	13.0	16.8	15.5	12.2
	50	22.4	24.1	23.1	22.8	21.6	20.0	18.7	17.8	12.8	16.4	15.3	12.0
	60	17.9	21.7	19.4	20.0	17.8	18.4	16.7	16.8	12.1	15.2	14.6	11.6
	70	14.7	16.5	14.2	14.9	12.8	14.1	12.1	13.1	11.4	11.2	12.3	10.9
	80	12.3	12.5	10.3	10.9	8.9	10.3	8.5	9.6	10.6	7.9	9.0	10.3
	90	10.4	9.2	7.2	7.8	5.9	7.3	5.5	6.7	9.6	5.0	6.4	8.7
	100	9.1	6.7	4.7	5.3	3.1	4.8	2.6	4.3	7.6		3.9	6.5
	110	8.1	4.6		2.9		2.2			5.8			4.7
	120	7.4	2.5							4.1			2.8
	130									2.3			
	140												
	150												
	170												
	172												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	1x









TVNZK: TV-46ft NZK-38ft



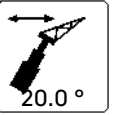
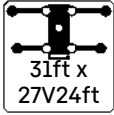
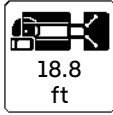
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
13													
14													
16													
18													
20													
25													
30													
35													
40													
45	14.2	12.9	11.3										
50	14.0	12.7	11.1	11.6	10.3								
60	13.5	12.3	10.8	11.2	10.0	8.4	9.4	7.8	7.6	7.2	6.9		
70	10.5	11.6	10.3	10.0	9.8	8.2	9.2	7.6	7.5	7.1	6.9		
80	7.3	8.6	9.6	7.0	8.3	7.8	6.7	7.1	6.3	5.8	5.4		
90	4.8	6.1	7.3	4.5	5.9	6.3	4.3	5.0	3.9	3.2	2.8		
100		3.8	5.2		3.7	4.3		2.7					
110			3.2										
120													
130													
140													
150													
170													
172													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



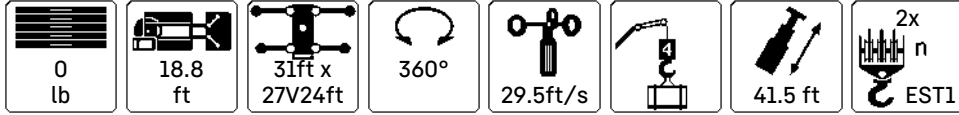
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30	31.7											
	35	28.8											
	40	25.7											
	45	22.9	22.8										
	50	20.6	21.8	21.0	20.8	20.0	18.8						
	60	16.9	19.8	19.3	19.2	18.5	17.5	16.6	16.0	11.5	15.0	14.1	11.1
	70	14.1	17.9	16.7	17.2	15.3	16.1	14.5	14.8	10.6	13.4	13.4	10.3
	80	11.9	14.3	12.4	12.9	11.1	12.4	10.7	11.5	9.9	9.9	10.9	9.7
	90	10.2	10.9	9.0	9.6	7.8	9.1	7.5	8.5	9.3	7.0	8.0	9.1
	100	9.0	8.1	6.3	6.8	5.2	6.4	4.9	5.9	8.6	4.4	5.7	7.8
	110	8.1	5.8	4.0	4.6	2.6	4.2		3.7	6.8		3.4	5.8
	120		3.9		2.3					5.1			4.2
	130									3.6			2.4
	140												
	150												
	170												
	172												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-46ft NZK-38ft



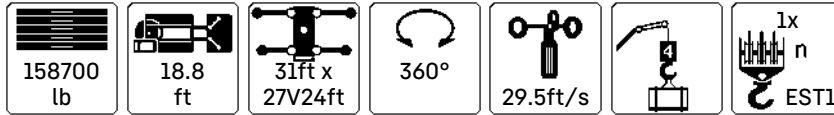
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	13.1	12.0										
	70	12.5	11.5	9.9	10.7	9.5	8.2	9.0	7.7				
	80	9.3	10.4	9.4	8.9	9.1	7.8	8.4	7.4	7.2	6.9	6.8	
	90	6.5	7.7	8.7	6.2	7.4	7.4	6.0	6.5	5.6	5.2	4.9	
	100	4.2	5.4	6.5	3.9	5.3	5.6	3.8	4.5	3.4	2.8	2.5	
	110		3.4	4.6		3.3	3.8		2.4				
	120			2.8									
	130												
	140												
	150												
	170												
	172												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TVNZK: TV-46ft NZK-38ft



		x1000lb								
	ft									
	13	46.1								
	14	46.1								
	15	45.9								
	16	45.5								
	17	44.9								
	18	44.1								
	19	43.3								
	20	42.5								
	22	40.9								
	24	39.3								
	26	37.7	34.3							
	28	36.2	33.0							
	30	34.8	31.7							
	32	33.4	30.6							
	34	32.1	29.4							
	36	30.9	28.2	23.9						
	38	29.6	26.9	23.4						
	40	28.3	25.7	23.0						
	45	25.1	22.9	21.4						
	50	22.2	20.6	19.4						
	55	19.0	18.6	17.6						
	60	16.3	16.9	16.1						
	65	13.8	15.2	14.8						
	70	11.5	12.9	13.6						
	75	9.7	10.8	11.8						
	80	8.4	9.3	9.9						
	85	7.3	8.0	8.6						
	90	6.3	6.9	7.4						
	95	5.4	6.0	6.4						
	100	4.6	5.2	5.4						
	105	3.8	4.4	4.6						
	110	3.0	3.5	3.5						
	115	2.3	2.6	2.4						
	117		2.3							
	1	0+	0+	0+						
	2	0+	0+	0+						
	3	0+	0+	0+						
	4	0+	0+	0+						
	5	0+	0+	0+						
	6	0+	0+	0+						
	7	0+	0+	0+						
	°	0.0	20.0	40.0						

TVNZK: TV-46ft NZK-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
24	18.1												
25	18.1												
30	17.9												
35	17.7			14.4			13.7			13.6			
40	17.2			14.3			13.7			13.6			
45	16.6	13.1		14.1			13.6			13.5			
50	15.9	12.5		14.0			13.4			13.3			
60	14.3	11.3	9.1	13.4	11.3		12.9	11.1		12.8	11.0		
70	12.5	10.4	8.7	12.6	10.6		12.2	10.5		12.1	10.5		
80	10.6	9.6	8.3	11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3	
90	9.2	8.8	8.1	11.1	9.7	8.2	10.8	9.6	8.1	10.7	9.6	8.1	
100	8.1	7.9	7.8	10.3	9.3	8.0	10.2	9.2	8.0	10.1	9.2	7.9	
110	7.2	7.1	7.0	9.6	8.8	7.8	9.6	8.8	7.8	9.5	8.7	7.8	
120	6.4	6.3	6.4	9.0	8.2	7.7	9.0	8.3	7.6	9.0	8.2	7.6	
130	5.7	5.8	5.8	8.4	7.7	7.3	8.5	7.8	7.4	8.4	7.7	7.3	
140	5.2	5.2		7.8	7.2	6.9	8.0	7.3	7.0	7.9	7.3	6.9	
150				7.3	6.8	6.6	7.4	6.9	6.6	7.4	6.9	6.6	
170				6.4	6.1	5.9	6.6	6.2	6.0	6.5	6.1	6.0	
190				5.7	5.5	5.4	5.8	5.6	5.5	5.8	5.6	5.5	
210				5.1	5.0	5.1	5.3	5.1	5.2	5.2	5.1	5.2	
230				4.6	4.7		4.8	4.7	5.0	4.8	4.7	5.0	
250									2.4				
270													
285													

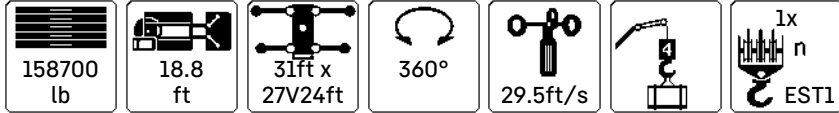
%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



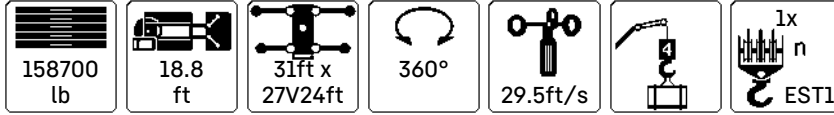
ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
24													
25													
30													
35													
40	12.9			12.7									
45	12.9			12.6			11.9			11.4			
50	12.7			12.4			11.7			11.2			
60	12.2			11.9			11.2			10.8			
70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140	7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8	
150	7.5	6.9	6.6	7.4	6.9	6.6	7.3	6.9	6.6	7.2	6.7	6.5	
170	6.7	6.2	6.0	6.6	6.2	6.0	6.6	6.2	6.0	6.5	6.1	6.0	
190	5.9	5.7	5.6	5.9	5.6	5.6	6.0	5.7	5.6	5.9	5.6	5.5	
210	5.4	5.2	5.2	5.3	5.1	5.2	5.4	5.2	5.2	5.4	5.1	5.2	
230	4.9	4.8	4.9	4.9	4.8	4.9	4.4	4.8	4.9	4.9	4.8	4.9	
250	3.2	3.6		3.9	4.2		2.7	3.2	3.3	3.6	4.0	4.1	
270													
285													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



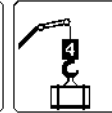
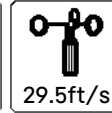
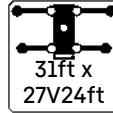
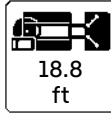
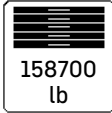
ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
24													
25													
30													
35													
40													
45	8.7			10.6			10.0						
50	8.6			10.5			9.9			8.2			
60	8.4			10.1			9.6			8.0			
70	8.2			9.8			9.3			7.9			
80	7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3		
90	7.5	7.0	6.7	9.1	8.8	7.8	8.7	8.4	7.7	7.3	6.9		
100	7.1	6.6	6.3	8.8	8.4	7.6	8.4	8.1	7.5	6.9	6.5	6.3	
110	6.7	6.2	6.0	8.5	8.1	7.5	8.1	7.8	7.4	6.6	6.2	5.9	
120	6.3	5.9	5.7	8.1	7.7	7.3	7.8	7.4	7.2	6.2	5.8	5.6	
130	5.9	5.6	5.4	7.8	7.4	7.0	7.4	7.1	6.9	5.9	5.5	5.3	
140	5.6	5.3	5.1	7.4	7.0	6.7	7.1	6.8	6.6	5.6	5.2	5.1	
150	5.3	5.0	4.9	7.1	6.7	6.4	6.8	6.5	6.3	5.3	5.0	4.9	
170	4.7	4.5	4.4	6.5	6.1	5.9	6.3	5.9	5.8	4.7	4.5	4.4	
190	4.2	4.1	4.1	5.9	5.6	5.5	5.7	5.5	5.4	4.3	4.1	4.1	
210	3.6	3.7	3.7	5.4	5.2	5.2	5.3	5.1	5.1	3.7	3.8	3.8	
230	3.2	3.2	3.3	4.2	4.7	4.9	4.6	4.7	4.8	3.3	3.3	3.4	
250	2.8	2.8	2.9	2.4	3.0	3.3	3.4	4.0	4.2	2.9	2.9	3.0	
270	2.4	2.5						2.4	2.3	2.6	2.6	2.7	
285									2.2				
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
2%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
6%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
7%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



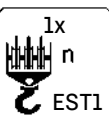
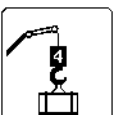
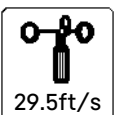
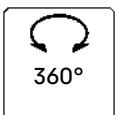
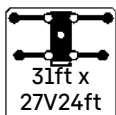
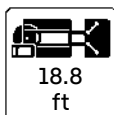
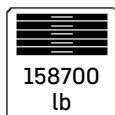
	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	24												
	25												
	30												
	35												
	40												
	45												
	50	9.3			8.6								
	60	9.0			8.4			7.6			7.6		
	70	8.8			8.2			7.4			7.6		
	80	8.6	8.4		8.0	7.8		7.3	7.0		7.5		
	90	8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2	
	100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8
	110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.7
	120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.5
	130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.2
	140	6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.0
	150	6.6	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	6.1	5.9	5.9
	170	6.1	5.9	5.8	5.7	5.7	5.6	4.7	4.5	4.4	5.6	5.5	5.5
	190	5.7	5.4	5.4	5.2	5.1	5.2	4.3	4.1	4.1	5.1	5.1	5.1
	210	5.2	5.1	5.0	4.6	4.6	4.7	3.8	3.8	3.8	4.6	4.6	4.7
	230	4.1	4.7	4.8	4.1	4.1	4.2	3.3	3.4	3.5	4.1	4.2	4.3
	250	2.4	3.1	3.4	3.4	3.6	3.7	2.8	3.0	3.1	2.5	3.2	3.6
	270					2.5	2.6		2.3	2.3			
	285												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



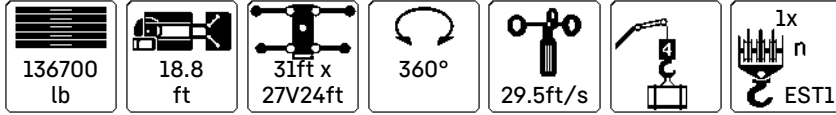
ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
24													
25													
30													
35													
40													
45													
50													
60	6.6			5.5			5.8			4.7			
70	6.6			5.5			5.8			4.7			
80	6.6			5.5			5.8			4.7			
90	6.6	6.5		5.5	5.7		5.8	6.1		4.7	5.3		
100	6.5	6.2		5.5	5.5		5.8	6.0		4.7	5.2		
110	6.2	5.9	5.7	5.3	5.3	5.3	5.8	5.7	5.6	4.7	5.1	5.0	
120	6.0	5.6	5.4	5.1	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.9	
130	5.7	5.4	5.2	4.9	4.9	4.8	5.5	5.2	5.1	4.6	4.7	4.7	
140	5.4	5.1	5.0	4.6	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.5	
150	5.2	4.9	4.8	4.4	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.3	
170	4.7	4.5	4.4	3.9	3.9	3.9	4.6	4.4	4.3	3.8	3.9	3.9	
190	4.3	4.1	4.1	3.3	3.4	3.5	4.2	4.0	4.0	3.3	3.4	3.5	
210	3.8	3.8	3.8	2.6	2.9	3.1	3.8	3.8	3.8	2.6	2.9	3.1	
230	3.4	3.4	3.5			2.4	3.4	3.4	3.5			2.5	
250	3.0	3.0	3.2				2.6	3.1	3.2				
270		2.5	2.6										
285													
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



		x1000lb											
	ft	237.3	237.3	237.3	243.2	243.2	243.2						
		24											
	25												
	30												
	35												
	40												
	45												
	50												
	60	4.4											
	70	4.4			3.8								
	80	4.4			3.8								
	90	4.4	5.1		3.8								
	100	4.4	5.1		3.8	4.7							
	110	4.4	5.0	4.9	3.8	4.7							
	120	4.4	4.8	4.8	3.8	4.6	4.6						
	130	4.4	4.6	4.7	3.8	4.4	4.5						
	140	4.3	4.4	4.5	3.8	4.3	4.4						
	150	4.2	4.2	4.3	3.8	4.1	4.2						
	170	3.8	3.8	3.9	3.7	3.7	3.8						
	190	3.3	3.4	3.5	3.2	3.3	3.5						
	210	2.9	3.0	3.1	2.5	2.8	3.1						
	230	2.4	2.6	2.7			2.4						
	250			2.3									
	270												
	285												
	1	90+	90+	90+	90+	90+	90+						
	2	90+	90+	90+	100+	100+	100+						
	3	90+	90+	90+	100+	100+	100+						
	4	100+	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+	100+						
	°	0.0	20.0	40.0	0.0	20.0	40.0						

TVNZK: TV-46ft NZK-66ft



ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
16	18.0													
18	18.0													
20	18.0													
25	18.0													
30	17.9													
35	17.7				14.4			13.7				13.6		
40	17.2	13.8			14.3			13.7				13.6		
45	16.6	13.1			14.1			13.6				13.5		
50	15.9	12.5			14.0			13.4				13.3		
60	14.3	11.3	9.1		13.4	11.3		12.9	11.1			12.8	11.0	
70	12.5	10.4	8.7		12.6	10.6		12.2	10.5			12.1	10.5	
80	10.6	9.6	8.3		11.8	10.1	8.4	11.5	10.0	8.4		11.4	10.0	8.3
90	9.2	8.8	8.1		11.1	9.7	8.2	10.8	9.6	8.1		10.7	9.6	8.1
100	8.1	7.9	7.8		10.3	9.3	8.0	10.2	9.2	8.0		10.1	9.2	7.9
110	7.2	7.1	7.0		9.6	8.8	7.8	9.6	8.8	7.8		9.5	8.7	7.8
120	6.4	6.3	6.4		9.0	8.2	7.7	9.0	8.3	7.6		9.0	8.2	7.6
130	5.7	5.8	5.8		8.4	7.7	7.3	8.5	7.8	7.4		8.4	7.7	7.3
140	5.2	5.2			7.8	7.2	6.9	8.0	7.3	7.0		7.9	7.3	6.9
150					7.3	6.8	6.6	7.4	6.9	6.6		7.4	6.9	6.6
170					6.4	6.1	5.9	6.6	6.2	6.0		6.5	6.1	6.0
190					5.7	5.5	5.4	5.8	5.6	5.5		5.8	5.6	5.5
210					5.1	5.0	5.1	5.2	5.1	5.2		5.2	5.1	5.2
230					4.6	4.7		3.6	4.1	4.1		4.1	4.5	4.5
250												2.4		
270														
276														

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



		x1000lb											
ft		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
16													
18													
20													
25													
30													
35													
40		12.9			12.7								
45		12.9			12.6			11.9			11.4		
50		12.7			12.4			11.7			11.2		
60		12.2			11.9			11.2			10.8		
70		11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8	
80		11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4	
90		10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9
100		9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7
110		9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6
120		8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5
130		8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1
140		7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8
150		7.5	6.9	6.6	7.4	6.9	6.6	7.3	6.9	6.6	7.2	6.7	6.5
170		6.7	6.2	6.0	6.6	6.2	6.0	6.6	6.2	6.0	6.5	6.1	6.0
190		5.9	5.7	5.6	5.9	5.6	5.6	6.0	5.7	5.6	5.9	5.6	5.5
210		4.7	5.2	5.2	5.3	5.1	5.2	4.2	5.0	5.2	5.0	5.1	5.2
230		2.8	3.4	3.6	3.4	4.0	4.2	2.3	3.0	3.3	3.1	3.8	4.1
250						2.2							
270													
276													

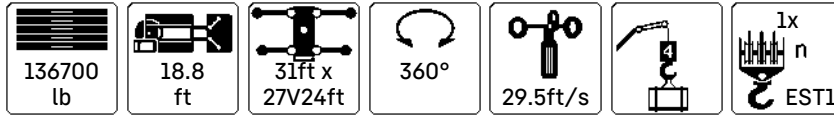
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



		x1000lb											
	ft	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.3			8.6								
	60	9.0			8.4			7.6			7.6		
	70	8.8			8.2			7.4			7.6		
	80	8.6	8.4		8.0	7.8		7.3	7.0		7.5		
	90	8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2	
	100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8
	110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.7
	120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.5
	130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.2
	140	6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.0
	150	6.6	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	6.1	5.9	5.9
	170	6.1	5.9	5.8	5.7	5.7	5.6	4.7	4.5	4.4	5.6	5.5	5.5
	190	5.5	5.4	5.4	5.2	5.1	5.2	4.3	4.1	4.1	5.1	5.1	5.1
	210	3.7	4.7	5.0	4.6	4.6	4.7	3.8	3.8	3.8	3.6	4.6	4.7
	230		2.8	3.3	3.1	3.9	4.2	3.3	3.4	3.5		2.8	3.3
	250						2.4	2.5	3.0	3.1			
	270												
	276												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5			5.8			4.7		
	70	6.6			5.5			5.8			4.7		
	80	6.6			5.5			5.8			4.7		
	90	6.6	6.5		5.5	5.7		5.8	6.1		4.7	5.3	
	100	6.5	6.2		5.5	5.5		5.8	6.0		4.7	5.2	
	110	6.2	5.9	5.7	5.3	5.3	5.3	5.8	5.7	5.6	4.7	5.1	5.0
	120	6.0	5.6	5.4	5.1	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.9
	130	5.7	5.4	5.2	4.9	4.9	4.8	5.5	5.2	5.1	4.6	4.7	4.7
	140	5.4	5.1	5.0	4.6	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.5
	150	5.2	4.9	4.8	4.4	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.3
	170	4.7	4.5	4.4	3.9	3.9	3.9	4.6	4.4	4.3	3.8	3.9	3.9
	190	4.3	4.1	4.1	3.3	3.4	3.5	4.2	4.0	4.0	3.3	3.4	3.5
	210	3.8	3.8	3.8	2.6	2.9	3.1	3.5	3.8	3.8	2.6	2.9	3.1
	230	3.1	3.4	3.5			2.4		2.8	3.3			2.5
	250		2.3	2.7									
	270												
	276												
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

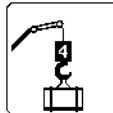
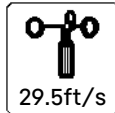
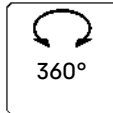
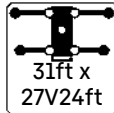
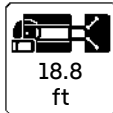
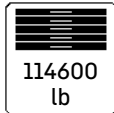
TVNZK: TV-46ft NZK-66ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
16	18.0												
18	18.0												
20	18.0												
25	18.0												
30	17.9												
35	17.7			14.4			13.7			13.6			
40	17.2	13.8		14.3			13.7			13.6			
45	16.6	13.1		14.1			13.6			13.5			
50	15.9	12.5		14.0			13.4			13.3			
60	14.3	11.3	9.1	13.4	11.3		12.9	11.1		12.8	11.0		
70	12.5	10.4	8.7	12.6	10.6		12.2	10.5		12.1	10.5		
80	10.6	9.6	8.3	11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3	
90	9.2	8.8	8.1	11.1	9.7	8.2	10.8	9.6	8.1	10.7	9.6	8.1	
100	8.1	7.9	7.8	10.3	9.3	8.0	10.2	9.2	8.0	10.1	9.2	7.9	
110	7.2	7.1	7.0	9.6	8.8	7.8	9.6	8.8	7.8	9.5	8.7	7.8	
120	6.4	6.3	6.4	9.0	8.2	7.7	9.0	8.3	7.6	9.0	8.2	7.6	
130	5.7	5.8	5.8	8.4	7.7	7.3	8.5	7.8	7.4	8.4	7.7	7.3	
140	5.2	5.2		7.8	7.2	6.9	8.0	7.3	7.0	7.9	7.3	6.9	
150				7.3	6.8	6.6	7.4	6.9	6.6	7.4	6.9	6.6	
170				6.4	6.1	5.9	6.6	6.2	6.0	6.5	6.1	6.0	
190				5.7	5.5	5.4	5.3	5.6	5.5	5.6	5.6	5.5	
210				4.6	5.0	5.1	3.2	3.9	4.3	3.6	4.3	4.7	
230				2.9	3.2						2.4	2.4	
250													
256													

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

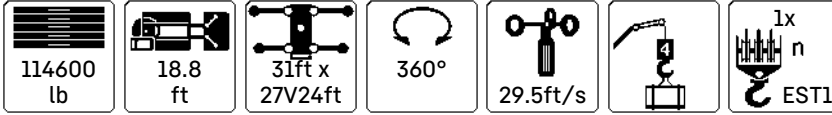
TVNZK: TV-46ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16													
18													
20													
25													
30													
35													
40	12.9			12.7									
45	12.9			12.6			11.9			11.4			
50	12.7			12.4			11.7			11.2			
60	12.2			11.9			11.2			10.8			
70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140	7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8	
150	7.5	6.9	6.6	7.4	6.9	6.6	7.3	6.9	6.6	7.2	6.7	6.5	
170	6.6	6.2	6.0	6.6	6.2	6.0	6.2	6.2	6.0	6.5	6.1	6.0	
190	4.4	5.5	5.6	5.1	5.6	5.6	3.9	5.1	5.5	4.8	5.6	5.5	
210	2.3	3.2	3.7	3.0	3.8	4.3		2.8	3.4	2.7	3.6	4.2	
230													
250													
256													

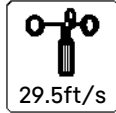
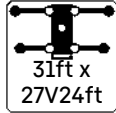
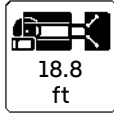
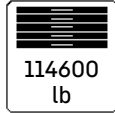
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



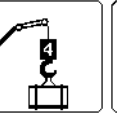
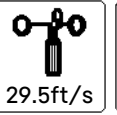
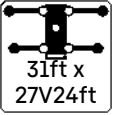
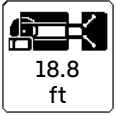
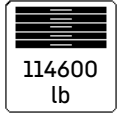
		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	8.7			10.6			10.0					
	50	8.6			10.5			9.9			8.2		
	60	8.4			10.1			9.6			8.0		
	70	8.2			9.8			9.3			7.9		
	80	7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3	
	90	7.5	7.0	6.7	9.1	8.8	7.8	8.7	8.4	7.7	7.3	6.9	
	100	7.1	6.6	6.3	8.8	8.4	7.6	8.4	8.1	7.5	6.9	6.5	6.3
	110	6.7	6.2	6.0	8.5	8.1	7.5	8.1	7.8	7.4	6.6	6.2	5.9
	120	6.3	5.9	5.7	8.1	7.7	7.3	7.8	7.4	7.2	6.2	5.8	5.6
	130	5.9	5.6	5.4	7.8	7.4	7.0	7.4	7.1	6.9	5.9	5.5	5.3
	140	5.6	5.3	5.1	7.4	7.0	6.7	7.1	6.8	6.6	5.6	5.2	5.1
	150	5.3	5.0	4.9	7.1	6.7	6.4	6.8	6.5	6.3	5.3	5.0	4.9
	170	4.7	4.5	4.4	5.7	6.1	5.9	6.3	5.9	5.8	4.7	4.5	4.4
	190	4.2	4.1	4.1	3.5	4.6	5.3	4.5	5.3	5.4	4.3	4.1	4.1
	210	3.6	3.7	3.7		2.6	3.2	2.6	3.5	4.1	3.7	3.8	3.8
	230	3.2	3.2	3.3							2.9	3.3	3.4
	250	2.2	2.6	2.7									
	256		2.2	2.2									
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



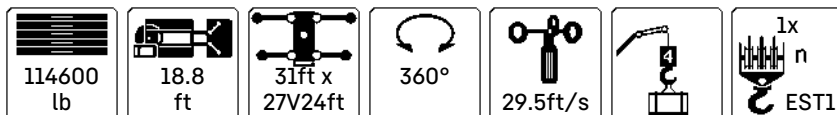
		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
16													
18													
20													
25													
30													
35													
40													
45													
50		9.3			8.6								
60		9.0			8.4			7.6			7.6		
70		8.8			8.2			7.4			7.6		
80		8.6	8.4		8.0	7.8		7.3	7.0		7.5		
90		8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2	
100		8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8
110		7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.7
120		7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.5
130		7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.2
140		6.9	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.3	6.1	6.0
150		6.6	6.4	6.2	6.3	6.1	6.0	5.2	4.9	4.8	6.1	5.9	5.9
170		5.4	5.9	5.8	5.7	5.7	5.6	4.7	4.5	4.4	5.2	5.5	5.5
190		3.2	4.4	5.1	4.3	5.1	5.2	4.3	4.1	4.1	3.1	4.3	4.9
210			2.4	3.0	2.5	3.4	4.1	3.5	3.8	3.8		2.3	3.0
230							2.2		2.7	3.2			
250													
256													
%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	6.6			5.5			5.8			4.7			
70	6.6			5.5			5.8			4.7			
80	6.6			5.5			5.8			4.7			
90	6.6	6.5		5.5	5.7		5.8	6.1		4.7	5.3		
100	6.5	6.2		5.5	5.5		5.8	6.0		4.7	5.2		
110	6.2	5.9	5.7	5.3	5.3	5.3	5.8	5.7	5.6	4.7	5.1	5.0	
120	6.0	5.6	5.4	5.1	5.1	5.1	5.7	5.5	5.3	4.7	4.9	4.9	
130	5.7	5.4	5.2	4.9	4.9	4.8	5.5	5.2	5.1	4.6	4.7	4.7	
140	5.4	5.1	5.0	4.6	4.6	4.6	5.3	5.0	4.9	4.5	4.5	4.5	
150	5.2	4.9	4.8	4.4	4.4	4.4	5.1	4.8	4.7	4.2	4.3	4.3	
170	4.7	4.5	4.4	3.9	3.9	3.9	4.6	4.4	4.3	3.8	3.9	3.9	
190	4.1	4.1	4.1	3.3	3.4	3.5	3.1	4.0	4.0	3.3	3.4	3.5	
210	2.5	3.4	3.8	2.6	2.9	3.1		2.3	3.1		2.8	3.1	
230			2.3			2.4							
250													
256													
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



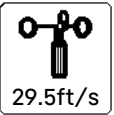
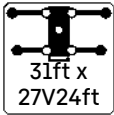
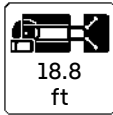
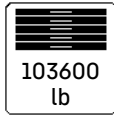
		x1000lb										
ft	ft	237.3	237.3	237.3	243.2	243.2	243.2					
		16										
18												
20												
25												
30												
35												
40												
45												
50												
60	4.4											
70	4.4				3.8							
80	4.4				3.8							
90	4.4	5.1			3.8							
100	4.4	5.1			3.8	4.7						
110	4.4	5.0	4.9		3.8	4.7						
120	4.4	4.8	4.8		3.8	4.6	4.6					
130	4.4	4.6	4.7		3.8	4.4	4.5					
140	4.3	4.4	4.5		3.8	4.3	4.4					
150	4.2	4.2	4.3		3.8	4.1	4.2					
170	3.8	3.8	3.9		3.7	3.7	3.8					
190	2.8	3.4	3.5		2.5	3.3	3.5					
210			2.9				2.6					
230												
250												
256												
	1	90+	90+	90+	90+	90+	90+					
	2	90+	90+	90+	100+	100+	100+					
	3	90+	90+	90+	100+	100+	100+					
	4	100+	100+	100+	100+	100+	100+					
	5	100+	100+	100+	100+	100+	100+					
	6	100+	100+	100+	100+	100+	100+					
	7	100+	100+	100+	100+	100+	100+					
	°	0.0	20.0	40.0	0.0	20.0	40.0					

TVNZK: TV-46ft NZK-66ft



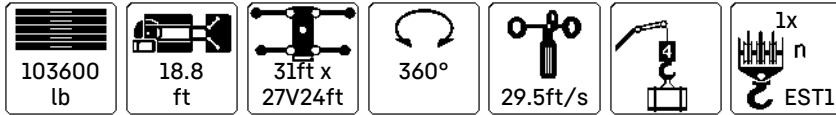
		x1000lb											
ft		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
16	18.0												
18	18.0												
20	18.0												
25	18.0												
30	17.9												
35	17.7				14.4			13.7			13.6		
40	17.2	13.8			14.3			13.7			13.6		
45	16.6	13.1			14.1			13.6			13.5		
50	15.9	12.5			14.0			13.4			13.3		
60	14.3	11.3	9.1		13.4	11.3		12.9	11.1		12.8	11.0	
70	12.5	10.4	8.7		12.6	10.6		12.2	10.5		12.1	10.5	
80	10.6	9.6	8.3		11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3
90	9.2	8.8	8.1		11.1	9.7	8.2	10.8	9.6	8.1	10.7	9.6	8.1
100	8.1	7.9	7.8		10.3	9.3	8.0	10.2	9.2	8.0	10.1	9.2	7.9
110	7.2	7.1	7.0		9.6	8.8	7.8	9.6	8.8	7.8	9.5	8.7	7.8
120	6.4	6.3	6.4		9.0	8.2	7.7	9.0	8.3	7.6	9.0	8.2	7.6
130	5.7	5.8	5.8		8.4	7.7	7.3	8.5	7.8	7.4	8.4	7.7	7.3
140	5.2	5.2			7.8	7.2	6.9	8.0	7.3	7.0	7.9	7.3	6.9
150					7.3	6.8	6.6	7.4	6.9	6.6	7.4	6.9	6.6
170					6.4	6.1	5.9	6.3	6.2	6.0	6.5	6.1	6.0
190					5.3	5.5	5.4	3.9	4.9	5.4	4.3	5.3	5.5
210					3.3	3.9	4.1		2.7	3.0	2.4	3.1	3.4
230													
243													
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



		x1000lb												
ft		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
16														
18														
20														
25														
30														
35														
40		12.9			12.7									
45		12.9			12.6			11.9			11.4			
50		12.7			12.4			11.7			11.2			
60		12.2			11.9			11.2			10.8			
70		11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8		
80		11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4		
90		10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9	
100		9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7	
110		9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6	
120		8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5	
130		8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1	
140		7.9	7.3	7.0	7.8	7.2	6.9	7.7	7.2	6.9	7.6	7.1	6.8	
150		7.5	6.9	6.6	7.4	6.9	6.6	7.2	6.9	6.6	7.2	6.7	6.5	
170		5.5	6.2	6.0	6.1	6.2	6.0	4.7	6.1	6.0	5.6	6.1	6.0	
190		3.1	4.2	4.9	3.7	4.8	5.4	2.4	3.6	4.5	3.4	4.5	5.2	
210				2.5		2.6	3.1					2.4	2.9	
230														
243														
	%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
	%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVNZK: TV-46ft NZK-66ft



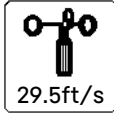
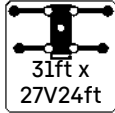
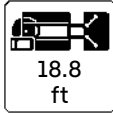
		x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	ft												
		16											
	18												
	20												
	25												
	30												
	35												
	40												
	45	8.7			10.6			10.0					
	50	8.6			10.5			9.9			8.2		
	60	8.4			10.1			9.6			8.0		
	70	8.2			9.8			9.3			7.9		
	80	7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3	
	90	7.5	7.0	6.7	9.1	8.8	7.8	8.7	8.4	7.7	7.3	6.9	
	100	7.1	6.6	6.3	8.8	8.4	7.6	8.4	8.1	7.5	6.9	6.5	6.3
	110	6.7	6.2	6.0	8.5	8.1	7.5	8.1	7.8	7.4	6.6	6.2	5.9
	120	6.3	5.9	5.7	8.1	7.7	7.3	7.8	7.4	7.2	6.2	5.8	5.6
	130	5.9	5.6	5.4	7.8	7.4	7.0	7.4	7.1	6.9	5.9	5.5	5.3
	140	5.6	5.3	5.1	7.4	7.0	6.7	7.1	6.8	6.6	5.6	5.2	5.1
	150	5.3	5.0	4.9	6.7	6.7	6.4	6.8	6.5	6.3	5.3	5.0	4.9
	170	4.7	4.5	4.4	4.2	5.6	5.9	5.2	5.9	5.8	4.7	4.5	4.4
	190	4.2	4.1	4.1		3.3	4.1	3.1	4.2	5.0	4.3	4.1	4.1
	210	3.6	3.7	3.7					2.2	2.9	3.4	3.8	3.8
	230	2.5	3.1	3.3								2.4	2.8
	243			2.2									
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



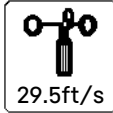
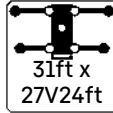
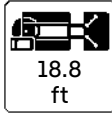
ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
16	18.0													
18	18.0													
20	18.0													
25	18.0													
30	17.9													
35	17.7				14.4			13.7				13.6		
40	17.2	13.8			14.3			13.7				13.6		
45	16.6	13.1			14.1			13.6				13.5		
50	15.9	12.5			14.0			13.4				13.3		
60	14.3	11.3	9.1		13.4	11.3		12.9	11.1			12.8	11.0	
70	12.5	10.4	8.7		12.6	10.6		12.2	10.5			12.1	10.5	
80	10.6	9.6	8.3		11.8	10.1	8.4	11.5	10.0	8.4		11.4	10.0	8.3
90	9.2	8.8	8.1		11.1	9.7	8.2	10.8	9.6	8.1		10.7	9.6	8.1
100	8.1	7.9	7.8		10.3	9.3	8.0	10.2	9.2	8.0		10.1	9.2	7.9
110	7.2	7.1	7.0		9.6	8.8	7.8	9.6	8.8	7.8		9.5	8.7	7.8
120	6.4	6.3	6.4		9.0	8.2	7.7	9.0	8.3	7.6		9.0	8.2	7.6
130	5.7	5.8	5.8		8.4	7.7	7.3	8.5	7.8	7.4		8.4	7.7	7.3
140	5.2	5.2			7.8	7.2	6.9	8.0	7.3	7.0		7.9	7.3	6.9
150					7.3	6.8	6.6	7.3	6.9	6.6		7.4	6.9	6.6
170					6.2	6.1	5.9	4.9	6.0	6.0		5.3	6.1	6.0
190					3.9	4.8	5.2	2.5	3.6	4.2		3.0	4.0	4.6
210						2.7	2.9							2.2
230														
240														
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	45+
1%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
1%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0%	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	40.0

TVNZK: TV-46ft NZK-66ft



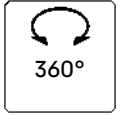
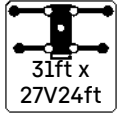
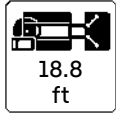
		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	16												
	18												
	20												
	25												
	30												
	35												
	40	12.9			12.7								
	45	12.9			12.6			11.9			11.4		
	50	12.7			12.4			11.7			11.2		
	60	12.2			11.9			11.2			10.8		
	70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8	
	80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4	
	90	10.4	9.5	8.1	10.2	9.4	8.0	9.8	9.2	7.9	9.5	9.1	7.9
	100	9.9	9.2	7.9	9.7	9.1	7.9	9.4	8.9	7.8	9.1	8.7	7.7
	110	9.4	8.8	7.7	9.2	8.6	7.7	9.0	8.5	7.6	8.7	8.3	7.6
	120	8.9	8.2	7.6	8.7	8.1	7.6	8.5	8.1	7.5	8.3	7.9	7.5
	130	8.4	7.8	7.3	8.3	7.7	7.3	8.1	7.6	7.2	7.9	7.5	7.1
	140	7.9	7.3	7.0	7.8	7.2	6.9	7.3	7.2	6.9	7.5	7.1	6.8
	150	6.6	6.9	6.6	7.2	6.9	6.6	5.8	6.9	6.6	6.6	6.7	6.5
	170	3.8	5.2	6.0	4.6	5.9	6.0	3.1	4.6	5.6	4.1	5.4	6.0
	190		2.8	3.5	2.4	3.5	4.2			3.0		3.1	3.9
	210												
	230												
	240												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



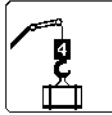
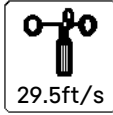
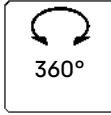
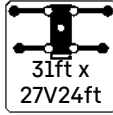
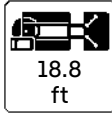
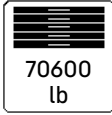
ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
16													
18													
20													
25													
30													
35													
40													
45													
50	9.3			8.6									
60	9.0			8.4			7.6				7.6		
70	8.8			8.2			7.4				7.6		
80	8.6	8.4		8.0	7.8		7.3	7.0			7.5		
90	8.3	8.1		7.8	7.6		7.0	6.7			7.3	7.2	
100	8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1		7.1	7.0	6.8
110	7.8	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.9	6.8	6.8	6.7
120	7.5	7.2	7.0	7.0	6.8	6.7	6.1	5.7	5.5	6.8	6.6	6.6	6.5
130	7.2	6.9	6.8	6.8	6.6	6.5	5.8	5.5	5.3	6.5	6.3	6.3	6.2
140	6.2	6.6	6.5	6.5	6.3	6.2	5.5	5.2	5.0	6.1	6.1	6.1	6.0
150	4.9	6.3	6.2	5.9	6.1	6.0	5.2	4.9	4.8	4.7	5.8	5.9	5.9
170	2.4	3.9	5.0	3.6	4.9	5.6	4.6	4.5	4.4	2.2	3.7	4.9	4.9
190			2.6		2.7	3.6	2.7	3.7	4.1				2.5
210									2.6				
230													
240													
%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVNZK: TV-46ft NZK-66ft



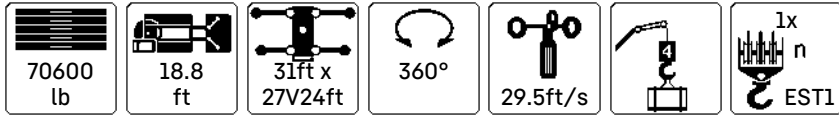
ft	x1000lb													
	237.3	237.3	237.3	243.2	243.2	243.2								
16														
18														
20														
25														
30														
35														
40														
45														
50														
60	4.4													
70	4.4			3.8										
80	4.4			3.8										
90	4.4	5.1		3.8										
100	4.4	5.1		3.8	4.7									
110	4.4	5.0	4.9	3.8	4.7									
120	4.4	4.8	4.8	3.8	4.6	4.6								
130	4.4	4.6	4.7	3.8	4.4	4.5								
140	4.3	4.4	4.5	3.8	4.3	4.4								
150	4.1	4.2	4.3	3.8	4.1	4.2								
170		3.5	3.9		3.1	3.8								
190			2.3											
210														
230														
240														
%	1	90+	90+	90+	90+	90+	90+							
%	2	90+	90+	90+	100+	100+	100+							
%	3	90+	90+	90+	100+	100+	100+							
%	4	100+	100+	100+	100+	100+	100+							
%	5	100+	100+	100+	100+	100+	100+							
%	6	100+	100+	100+	100+	100+	100+							
%	7	100+	100+	100+	100+	100+	100+							
	°	0.0	20.0	40.0	0.0	20.0	40.0							

TVNZK: TV-46ft NZK-66ft



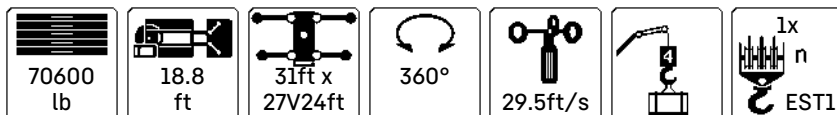
	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	8.7			10.6			10.0					
	50	8.6			10.5			9.9			8.2		
	60	8.4			10.1			9.6			8.0		
	70	8.2			9.8			9.3			7.9		
	80	7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3	
	90	7.5	7.0	6.7	9.1	8.8	7.8	8.7	8.4	7.7	7.3	6.9	
	100	7.1	6.6	6.3	8.8	8.4	7.6	8.4	8.1	7.5	6.9	6.5	6.3
	110	6.7	6.2	6.0	8.0	8.1	7.5	8.1	7.8	7.4	6.6	6.2	5.9
	120	6.3	5.9	5.7	6.3	7.7	7.3	7.3	7.4	7.2	6.2	5.8	5.6
	130	5.9	5.6	5.4	4.6	6.6	7.0	5.6	7.0	6.9	5.9	5.5	5.3
	140	5.6	5.3	5.1	3.0	5.0	6.5	4.2	5.9	6.5	5.6	5.2	5.1
	150	5.3	5.0	4.9		3.5	5.0	2.8	4.5	5.8	4.8	5.0	4.9
	170	3.7	4.5	4.4						3.1	2.8	3.9	4.4
	190		2.9	3.5									2.7
	210												
	225												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0










TVNZK: TV-46ft NZK-66ft



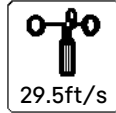
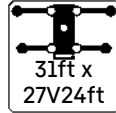
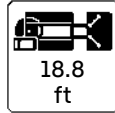
		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
16													
18													
20													
25													
30													
35													
40													
45													
50		9.3			8.6								
60		9.0			8.4			7.6			7.6		
70		8.8			8.2			7.4			7.6		
80		8.6	8.4		8.0	7.8		7.3	7.0		7.5		
90		8.3	8.1		7.8	7.6		7.0	6.7		7.3	7.2	
100		8.0	7.8	7.4	7.5	7.4	7.2	6.7	6.4	6.1	7.1	7.0	6.8
110		7.4	7.5	7.3	7.3	7.1	6.9	6.4	6.0	5.8	6.7	6.8	6.7
120		5.9	7.2	7.0	6.7	6.8	6.7	6.1	5.7	5.5	5.6	6.6	6.5
130		4.2	6.2	6.8	5.3	6.6	6.5	5.8	5.5	5.3	4.0	5.8	6.2
140		2.7	4.6	6.0	3.9	5.6	6.2	4.9	5.2	5.0	2.5	4.5	5.9
150			3.3	4.7	2.6	4.3	5.4	3.8	4.9	4.8		3.1	4.5
170							3.0		2.9	3.9			
190													
210													
225													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



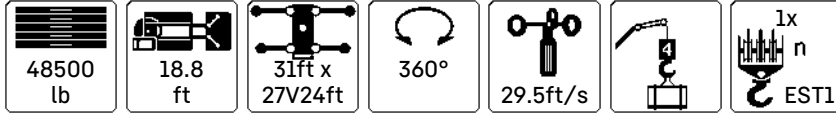
		x1000lb											
	ft	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5			5.8			4.7		
	70	6.6			5.5			5.8			4.7		
	80	6.6			5.5			5.8			4.7		
	90	6.6	6.5		5.5	5.7		5.8	6.1		4.7	5.3	
	100	6.5	6.2		5.5	5.5		5.8	6.0		4.7	5.2	
	110	6.2	5.9	5.7	5.3	5.3	5.3	5.8	5.7	5.6	4.7	5.1	5.0
	120	5.9	5.6	5.4	5.1	5.1	5.1	5.2	5.5	5.3	4.7	4.9	4.9
	130	5.2	5.4	5.2	4.8	4.9	4.8	3.9	5.2	5.1	4.2	4.7	4.7
	140	3.8	5.0	5.0	4.2	4.6	4.6	2.3	4.3	4.9	3.1	4.5	4.5
	150	2.6	4.2	4.7	3.0	4.2	4.4		3.0	4.2		3.5	4.3
	170			2.9			3.3						2.3
	190												
	210												
	225												
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0


TVNZK: TV-46ft NZK-66ft











		x1000lb											
ft		237.3	237.3	237.3	243.2	243.2	243.2						
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		4.4											
70		4.4			3.8								
80		4.4			3.8								
90		4.4	5.1		3.8								
100		4.4	5.1		3.8	4.7							
110		4.4	5.0	4.9	3.8	4.7							
120		4.2	4.8	4.8	3.7	4.6	4.6						
130		3.5	4.6	4.7	3.1	4.4	4.5						
140			3.9	4.5		3.7	4.4						
150			2.7	4.0		2.4	3.8						
170													
190													
210													
225													
	1	90+	90+	90+	90+	90+	90+						
	2	90+	90+	90+	100+	100+	100+						
	3	90+	90+	90+	100+	100+	100+						
	4	100+	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+	100+						
	°	0.0	20.0	40.0	0.0	20.0	40.0						

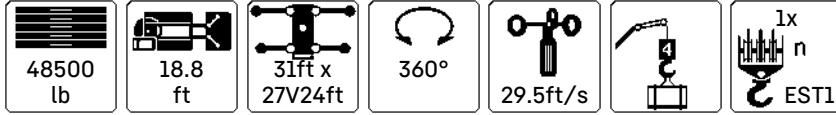
TVNZK: TV-46ft NZK-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	16	18.0											
	18	18.0											
	20	18.0											
	25	18.0											
	30	17.9											
	35	17.7			14.4			13.7			13.6		
	40	17.2	13.8		14.3			13.7			13.6		
	45	16.6	13.1		14.1			13.6			13.5		
	50	15.9	12.5		14.0			13.4			13.3		
	60	14.3	11.3	9.1	13.4	11.3		12.9	11.1		12.8	11.0	
	70	12.5	10.4	8.7	12.6	10.6		12.2	10.5		12.1	10.5	
	80	10.6	9.6	8.3	11.8	10.1	8.4	11.5	10.0	8.4	11.4	10.0	8.3
	90	9.2	8.8	8.1	11.1	9.7	8.2	10.7	9.6	8.1	10.7	9.6	8.1
	100	8.1	7.9	7.8	10.0	9.3	8.0	8.5	9.2	8.0	9.0	9.2	7.9
	110	7.2	7.1	7.0	8.1	8.8	7.8	6.3	8.7	7.8	6.8	8.7	7.8
	120	6.4	6.3	6.4	6.2	8.1	7.7	4.4	6.6	7.6	4.9	7.1	7.6
	130	5.7	5.8	5.8	4.5	6.3	7.3	2.5	4.8	6.4	3.2	5.2	6.7
	140	5.2	5.2		3.1	4.7	6.0		3.2	4.6		3.6	5.0
	150					3.3	4.4			3.0			3.5
	170												
	190												
	200												

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

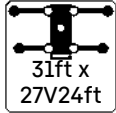
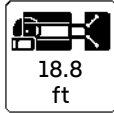
TVNZK: TV-46ft NZK-66ft



		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	16												
	18												
	20												
	25												
	30												
	35												
	40	12.9			12.7								
	45	12.9			12.6			11.9			11.4		
	50	12.7			12.4			11.7			11.2		
	60	12.2			11.9			11.2			10.8		
	70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8	
	80	11.0	9.8	8.3	10.8	9.8	8.2	10.3	9.6		9.9	9.4	
	90	9.9	9.5	8.1	10.0	9.4	8.0	8.8	9.2	7.9	9.3	9.1	7.9
	100	7.3	9.2	7.9	8.0	9.1	7.9	6.4	8.8	7.8	7.3	8.7	7.7
	110	5.1	7.7	7.7	5.9	8.2	7.7	4.3	6.9	7.6	5.3	7.6	7.6
	120	3.0	5.6	7.4	4.0	6.3	7.6		4.9	6.9	3.5	5.7	7.3
	130		3.8	5.5		4.5	6.2		3.1	5.0		4.0	5.7
	140			3.8		2.8	4.4			3.2		2.3	4.0
	150						2.8						2.3
	170												
	190												
	200												

	%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°		0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

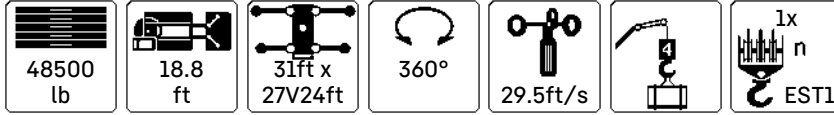
TVNZK: TV-46ft NZK-66ft











	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
16													
18													
20													
25													
30													
35													
40													
45		8.7			10.6			10.0					
50		8.6			10.5			9.9			8.2		
60		8.4			10.1			9.6			8.0		
70		8.2			9.8			9.3			7.9		
80		7.9	7.4		9.5	9.2		9.0	8.8		7.6	7.3	
90		7.5	7.0	6.7	8.0	8.8	7.8	8.6	8.4	7.7	7.3	6.9	
100		7.1	6.6	6.3	5.8	8.2	7.6	6.7	8.1	7.5	6.9	6.5	6.3
110		6.7	6.2	6.0	3.7	6.3	7.5	4.8	7.1	7.4	6.4	6.2	5.9
120		6.2	5.9	5.7		4.4	6.3	3.0	5.3	7.0	5.2	5.8	5.6
130		4.9	5.6	5.4		2.5	4.5		3.7	5.3	3.8	5.2	5.3
140		3.6	5.0	5.1			2.8			3.8	2.4	4.1	5.0
150		2.3	3.8	4.8								2.9	4.1
170				2.5									
190													
200													

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



48500 lb 18.8 ft 31ft x 27V24ft 360° 29.5ft/s EST1

ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
16													
18													
20													
25													
30													
35													
40													
45													
50	9.3			8.6									
60	9.0			8.4			7.6			7.6			
70	8.8			8.2			7.4			7.6			
80	8.6	8.4		8.0	7.8		7.3	7.0		7.5			
90	7.4	8.1		7.8	7.6		7.0	6.7		6.9	7.2		
100	5.2	7.8	7.4	6.3	7.4	7.2	6.7	6.4	6.1	4.9	7.0	6.8	
110	3.2	5.8	7.3	4.5	6.7	6.9	5.5	6.0	5.8	3.0	5.5	6.7	
120		4.0	5.9	2.7	5.0	6.7	4.0	5.7	5.5		3.8	5.7	
130			4.2		3.5	5.1	2.4	4.4	5.3			4.0	
140			2.5			3.6		3.1	4.4				
150									3.1				
170													
190													
200													
<hr/>													
 %	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
 %	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
 %	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

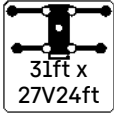
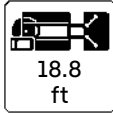
TVNZK: TV-46ft NZK-66ft



ft	x1000lb												
	212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2	
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	6.6			5.5			5.8			4.7			
70	6.6			5.5			5.8			4.7			
80	6.6			5.5			5.8			4.7			
90	6.6	6.5		5.5	5.7		5.8	6.1		4.7	5.3		
100	6.0	6.2		5.5	5.5		4.7	6.0		4.7	5.2		
110	4.3	5.9	5.7	4.7	5.3	5.3	2.7	5.3	5.6	3.4	5.0	5.0	
120	2.6	4.8	5.4	3.1	5.0	5.1		3.6	5.2		4.1	4.9	
130		3.3	4.9		3.7	4.8			3.9		2.5	4.3	
140			3.5		2.2	3.8			2.2			2.9	
150						2.4							
170													
190													
200													

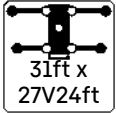
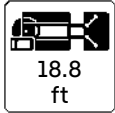
	1	45+	45+	45+	0+	0+	0+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	3	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	4	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	5	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	6	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	7	90+	90+	90+	100+	100+	100+	90+	90+	90+	100+	100+	100+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



		x1000lb											
	ft	237.3	237.3	237.3	243.2	243.2	243.2						
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	4.4											
	70	4.4			3.8								
	80	4.4			3.8								
	90	4.4	5.1		3.8								
	100	4.1	5.1		3.7	4.7							
	110		4.8	4.9		4.4							
	120		3.3	4.8		2.8	4.5						
	130			3.6			3.2						
	140												
	150												
	170												
	190												
	200												
	1	90+	90+	90+	90+	90+	90+						
	2	90+	90+	90+	100+	100+	100+						
	3	90+	90+	90+	100+	100+	100+						
	4	100+	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+	100+						
	°	0.0	20.0	40.0	0.0	20.0	40.0						

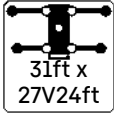
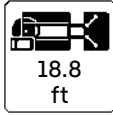
TVNZK: TV-46ft NZK-66ft



		x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	ft												
	16	18.0											
	18	18.0											
	20	18.0											
	25	18.0											
	30	17.9											
	35	17.7			14.4			13.7			13.6		
	40	17.2	13.8		14.3			13.7			13.6		
	45	16.6	13.1		14.1			13.6			13.5		
	50	15.9	12.5		14.0			13.4			13.3		
	60	14.3	11.3	9.1	13.4	11.3		12.9	11.1		12.8	11.0	
	70	12.5	10.4	8.7	12.6	10.6		12.2	10.5		12.1	10.5	
	80	10.6	9.6	8.3	11.8	10.1	8.4	11.2	10.0	8.4	11.4	10.0	8.3
	90	9.2	8.8	8.1	10.1	9.7	8.2	8.2	9.6	8.1	8.7	9.6	8.1
	100	8.1	7.9	7.8	7.6	9.2	8.0	5.7	8.5	8.0	6.3	8.9	7.9
	110	7.2	7.1	7.0	5.5	7.8	7.8	3.6	6.2	7.8	4.2	6.7	7.8
	120	6.4	6.3	6.4	3.8	5.8	7.5		4.3	6.2		4.7	6.5
	130	5.7	5.8	5.8		4.1	5.6		2.3	4.2		2.9	4.6
	140	5.2	5.2			2.5	4.0			2.4			2.9
	150						2.3						
	170												
	185												

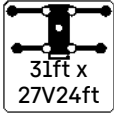
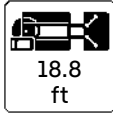
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



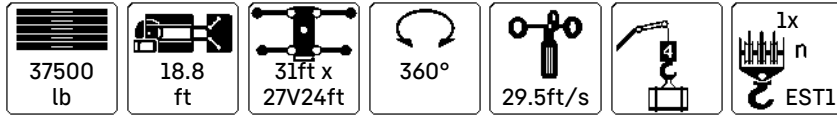
		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	16												
	18												
	20												
	25												
	30												
	35												
	40	12.9			12.7								
	45	12.9			12.6			11.9			11.4		
	50	12.7			12.4			11.7			11.2		
	60	12.2			11.9			11.2			10.8		
	70	11.6	10.3		11.4	10.1		10.8	9.9		10.4	9.8	
	80	9.8	9.8	8.3	10.5	9.8	8.2	8.7	9.6		9.5	9.4	
	90	6.9	9.4	8.1	7.7	9.4	8.0	6.1	9.0	7.9	7.0	9.1	7.9
	100	4.5	7.5	7.9	5.4	8.1	7.9	3.5	6.7	7.8	4.8	7.4	7.7
	110		5.2	7.5	3.1	5.9	7.6		4.5	6.8	2.4	5.4	7.3
	120		3.1	5.2		4.0	5.9			4.7		3.5	5.4
	130			3.3			4.0			2.6			3.6
	140												
	150												
	170												
	185												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
16													
18													
20													
25													
30													
35													
40													
45		8.7			10.6			10.0					
50		8.6			10.5			9.9			8.2		
60		8.4			10.1			9.6			8.0		
70		8.2			9.8			9.3			7.9		
80		7.9	7.4		7.9	9.2		8.7	8.8		7.6	7.3	
90		7.5	7.0	6.7	5.4	8.3	7.8	6.4	8.4	7.7	7.3	6.9	
100		7.1	6.6	6.3		6.1	7.6	4.2	6.9	7.5	6.4	6.5	6.3
110		5.7	6.2	6.0		4.1	6.2		4.9	6.9	4.6	6.2	5.9
120		4.2	5.9	5.7			4.3		3.0	5.0	3.1	5.0	5.6
130		2.7	4.5	5.4						3.4		3.6	5.0
140			3.2	4.4									3.6
150				3.2									
170													
185													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

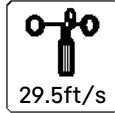
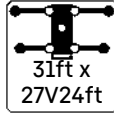
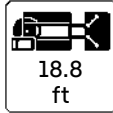
TVNZK: TV-46ft NZK-66ft























































ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
16													
18													
20													
25													
30													
35													
40													
45													
50	9.3			8.6									
60	9.0			8.4			7.6				7.6		
70	8.8			8.2			7.4				7.6		
80	7.2	8.4		8.0	7.8		7.3	7.0			6.7		
90	4.9	7.8		5.9	7.6		6.8	6.7			4.5	7.0	
100	2.4	5.6	7.4	3.9	6.5	7.2	5.1	6.4	6.1			5.2	6.8
110		3.6	5.8		4.6	6.5	3.2	5.5	5.8			3.3	5.5
120			3.9		2.8	4.8		3.9	5.5				3.7
130						3.2		2.2	4.0				
140								2.5					
150													
170													
185													

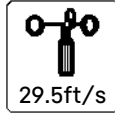
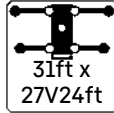
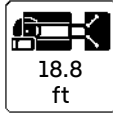
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-46ft NZK-66ft



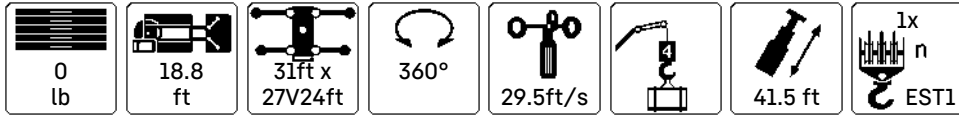
	ft	x1000lb											
		212.6	212.6	212.6	217.2	217.2	217.2	225.6	225.6	225.6	230.2	230.2	230.2
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	6.6			5.5			5.8			4.7		
	70	6.6			5.5			5.8			4.7		
	80	6.6			5.5			5.8			4.7		
	90	5.7	6.5		5.5	5.7		4.2	6.1		4.7	5.3	
	100	3.7	6.1		4.1	5.5			5.0		2.5	5.0	
	110		4.4	5.7		4.7	5.3		3.0	5.2		3.6	5.0
	120		2.6	4.6		3.1	4.8			3.5			3.9
	130			3.0			3.4						
	140												
	150												
	170												
	185												
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													










TVNZK: TV-46ft NZK-66ft



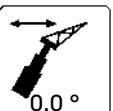
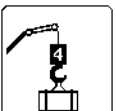
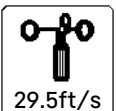
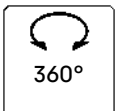
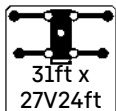
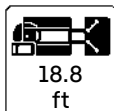
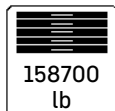
		x1000lb										
	ft	237.3	237.3	237.3	243.2	243.2						
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60	4.4										
	70	4.4			3.8							
	80	4.4			3.8							
	90	3.5	5.1		3.1							
	100		4.6			4.1						
	110		2.5	4.8								
	120			3.2								
	130											
	140											
	150											
	170											
	185											
	1	90+	90+	90+	90+	90+						
	2	90+	90+	90+	100+	100+						
	3	90+	90+	90+	100+	100+						
	4	100+	100+	100+	100+	100+						
	5	100+	100+	100+	100+	100+						
	6	100+	100+	100+	100+	100+						
	7	100+	100+	100+	100+	100+						
	°	0.0	20.0	40.0	0.0	20.0						

TVNZK: TV-46ft NZK-66ft



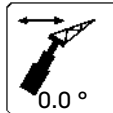
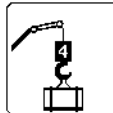
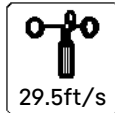
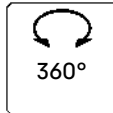
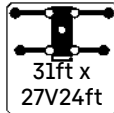
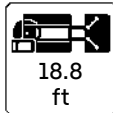
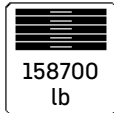
		x1000lb									
	ft										
	16	18.0									
	17	18.0									
	18	18.0									
	19	18.0									
	20	18.0									
	22	18.0									
	24	18.0									
	26	18.0									
	28	18.0									
	30	17.9									
	32	17.9									
	34	17.7									
	36	17.6									
	38	17.4									
	40	17.2	13.8								
	45	16.6	13.1								
	50	15.9	12.5								
	55	15.2	11.9								
	60	14.3	11.3	9.1							
	65	13.4	10.8	8.9							
	70	12.5	10.4	8.7							
	75	11.0	10.0	8.5							
	80	9.5	9.6	8.3							
	85	8.3	9.2	8.2							
	90	7.3	8.6	8.1							
	95	6.4	7.6	7.9							
	100	5.7	6.7	7.6							
	105	5.0	5.9	6.7							
	110	4.3	5.2	5.9							
	115	3.7	4.6	5.1							
	120	2.9	4.0	4.5							
	125		3.2	3.8							
	130		2.4	2.9							
	133			2.3							
	1	0+	0+	0+							
	2	0+	0+	0+							
	3	0+	0+	0+							
	4	0+	0+	0+							
	5	0+	0+	0+							
	6	0+	0+	0+							
	7	0+	0+	0+							
	°	0.0	20.0	40.0							

TVNZK: TV-69ft NZK-38ft



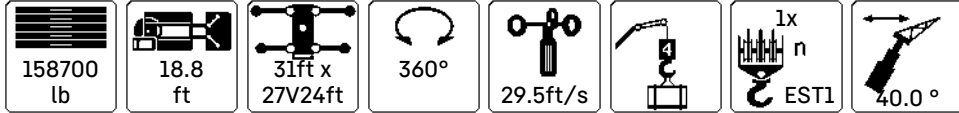
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	22	32.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1
	80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7
	90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2
	100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8
	110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4
	120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0
	130	5.2	8.3	8.4	8.3	8.4	8.3	8.2	7.9	5.7	7.7	7.4	5.6
	140	4.7	7.6	7.8	7.7	7.8	7.7	7.7	7.5	5.3	7.3	7.0	5.3
	150		7.1	7.2	7.2	7.3	7.2	7.2	7.1	5.0	7.0	6.7	5.0
	170		6.1	6.3	6.3	6.4	6.3	6.4	6.3	4.4	6.3	6.0	4.4
	190		5.4	5.6	5.5	5.7	5.6	5.7	5.6	3.8	5.6	5.5	3.9
	210		4.8	4.9	4.9	5.1	5.0	5.1	5.0	3.3	5.1	4.9	3.4
	230		4.4	4.5	4.5	4.2	4.6	3.7	4.5	2.8	3.5	4.2	2.9
	250					2.5	3.2		2.9	2.4		2.8	2.5
	270												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



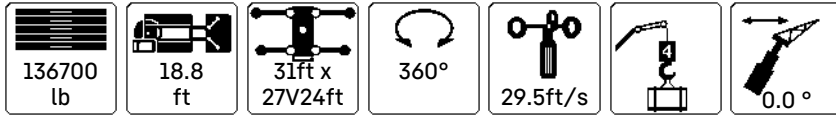
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
22													
25													
30													
35													
40													
45													
50		9.9	9.1										
60		9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
70		9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
80		8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
90		8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5		
100		8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5		
110		7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5		
120		7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4		
130		7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2		
140		6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0		
150		6.5	6.1	4.9	5.9	4.9	4.1	4.8	4.0	3.9	3.8		
170		5.9	5.5	4.4	5.4	4.4	3.5	4.3	3.5	3.4	3.3		
190		5.4	4.8	3.9	4.8	4.0	2.9	3.9	2.8	2.9	2.7		
210		5.0	4.3	3.4	4.3	3.5		3.5		2.4			
230		3.4	3.7	3.0	3.5	3.0		3.0					
250			2.8	2.3		2.5							
270													
		90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
		90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
		90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
		90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
		90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
		45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
		45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVNZK: TV-69ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	22												
	25												
	30												
	35												
	40												
	45	18.7											
	50	16.9											
	60	13.9	13.9	13.5	13.3								
	70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0		
	80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3
	90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9
	100	7.5	9.7	9.6	9.6	9.5	9.3	9.2	9.0	6.5	8.7	8.3	6.5
	110	6.6	8.9	8.9	8.9	8.9	8.7	8.6	8.4	6.1	8.2	7.9	6.1
	120	5.9	8.3	8.3	8.3	8.3	8.1	8.1	7.9	5.8	7.8	7.5	5.7
	130	5.3	7.7	7.8	7.7	7.7	7.6	7.6	7.5	5.4	7.4	7.1	5.4
	140		7.2	7.3	7.3	7.3	7.2	7.2	7.0	5.1	7.0	6.7	5.1
	150		6.7	6.8	6.8	6.9	6.8	6.8	6.7	4.8	6.6	6.4	4.8
	170		5.9	6.0	6.0	6.1	6.0	6.1	6.0	4.3	6.0	5.8	4.3
	190		5.3	5.4	5.4	5.5	5.4	5.5	5.4	3.9	5.4	5.3	3.9
	210		4.8	4.9	4.9	5.0	5.0	5.0	5.0	3.4	5.0	4.9	3.5
	230			4.6	4.5	4.5	4.6	4.3	4.6	2.9	4.1	4.4	3.0
	250							2.3	3.1	2.5		3.1	2.6
	270												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

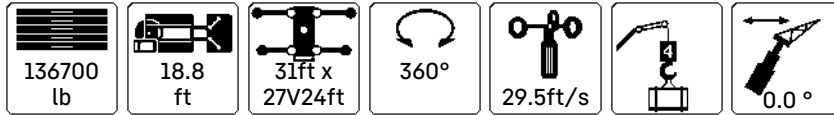
TVNZK: TV-69ft NZK-38ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17	34.8												
18	34.3												
20	33.3												
25	30.7												
30	28.2												
35	25.6	19.1	17.8	17.6									
40	23.1	18.4	17.3	17.1	15.9	15.4							
45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1		
50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6	
60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4	
70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1	
80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7	
90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2	
100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8	
110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4	
120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0	
130	5.2	8.3	8.4	8.3	8.4	8.3	8.2	7.9	5.7	7.7	7.4	5.6	
140	4.7	7.6	7.8	7.7	7.8	7.7	7.7	7.5	5.3	7.3	7.0	5.3	
150		7.1	7.2	7.2	7.3	7.2	7.2	7.1	5.0	7.0	6.7	5.0	
170		6.1	6.3	6.3	6.4	6.3	6.4	6.3	4.4	6.3	6.0	4.4	
190		5.4	5.6	5.5	5.7	5.6	5.7	5.6	3.8	5.3	5.5	3.9	
210		4.8	4.7	4.9	3.9	4.6	3.4	4.3	3.3	3.2	4.2	3.4	
230		4.3	2.9	3.3		2.7		2.4	2.8		2.3	2.9	
250								2.4				2.5	
261													

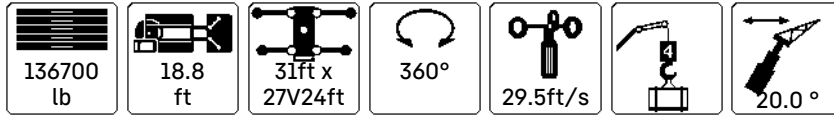
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TVNZK: TV-69ft NZK-38ft



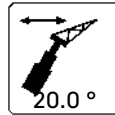
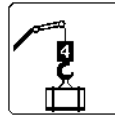
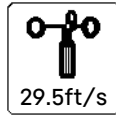
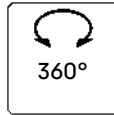
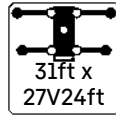
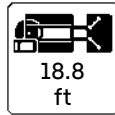
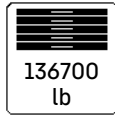
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
17												
18												
20												
25												
30												
35												
40												
45												
50	9.9	9.1										
60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5		
100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5		
110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5		
120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4		
130	7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2		
140	6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0		
150	6.5	6.1	4.9	5.9	4.9	4.1	4.8	4.0	3.9	3.8		
170	5.9	5.5	4.4	5.4	4.4	3.5	4.3	3.5	3.4	3.3		
190	5.0	4.8	3.9	4.8	4.0	2.9	3.9	2.8	2.9	2.7		
210	3.1	4.2	3.4	2.9	3.5		2.9		2.4			
230		2.4	3.0		2.5							
250												
261												
1%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
1%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
1%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
1%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
1%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
1%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
1%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	



































TVNZK: TV-69ft NZK-38ft



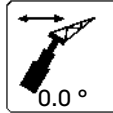
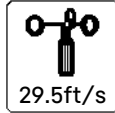
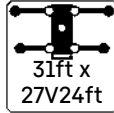
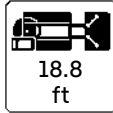
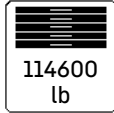
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4
	90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0
	100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6
	110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2
	120	5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8
	130	5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4
	140	4.7	7.3	7.4	7.4	7.5	7.4	7.4	7.2	5.2	7.1	6.9	5.1
	150		6.8	7.0	6.9	7.0	6.9	6.9	6.8	4.9	6.7	6.5	4.8
	170		6.0	6.1	6.1	6.2	6.1	6.2	6.1	4.3	6.1	5.9	4.3
	190		5.3	5.4	5.4	5.5	5.5	5.5	5.4	3.8	5.5	5.3	3.9
	210		4.7	4.9	4.8	4.4	4.9	4.0	4.8	3.3	3.8	4.7	3.4
	230			3.1	3.5	2.4	3.0		2.8	2.8		2.7	2.9
	250									2.4			2.5
	261									2.2			2.2
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
	17											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70	9.1	8.4	7.5	7.9	7.1						
	80	8.7	8.1	7.1	7.6	6.8	5.9	6.5	5.5	5.4	5.0	
	90	8.4	7.8	6.7	7.4	6.5	5.6	6.2	5.3	5.2	4.9	
	100	8.0	7.5	6.4	7.1	6.2	5.4	6.0	5.1	5.0	4.8	
	110	7.7	7.2	6.0	6.9	5.9	5.2	5.7	4.9	4.8	4.6	
	120	7.3	6.9	5.7	6.6	5.6	4.9	5.4	4.7	4.6	4.4	
	130	7.0	6.6	5.4	6.3	5.3	4.7	5.1	4.5	4.4	4.2	
	140	6.7	6.3	5.1	6.1	5.0	4.4	4.9	4.2	4.2	4.0	
	150	6.4	6.0	4.8	5.8	4.8	4.1	4.7	4.0	4.0	3.8	
	170	5.8	5.4	4.3	5.3	4.3	3.6	4.2	3.5	3.5	3.4	
	190	5.3	4.8	3.9	4.8	3.9	3.0	3.8	3.0	3.0	2.9	
	210	3.6	4.3	3.5	3.5	3.5	2.3	3.4	2.3	2.5	2.2	
	230		2.8	3.0		2.9						
	250											
	261											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

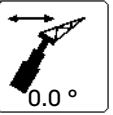
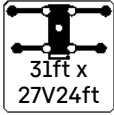
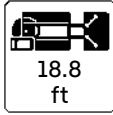
TVNZK: TV-69ft NZK-38ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	34.8											
	18	34.3											
	20	33.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1
	80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7
	90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2
	100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8
	110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4
	120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0
	130	5.2	8.3	8.4	8.3	8.4	8.3	8.2	7.9	5.7	7.7	7.4	5.6
	140	4.7	7.6	7.8	7.7	7.8	7.7	7.7	7.5	5.3	7.3	7.0	5.3
	150		7.1	7.2	7.2	7.3	7.2	7.2	7.1	5.0	7.0	6.7	5.0
	170		6.1	6.3	6.3	6.2	6.3	5.6	6.2	4.4	5.1	5.9	4.4
	190		5.4	4.5	5.0	3.7	4.4	3.2	4.1	3.8	2.8	3.8	3.9
	210		3.8	2.4	2.9		2.3			3.3			3.4
	230		2.2							2.8			2.2
	244												

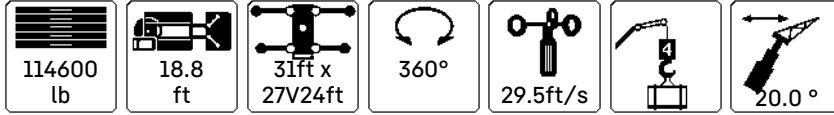
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	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



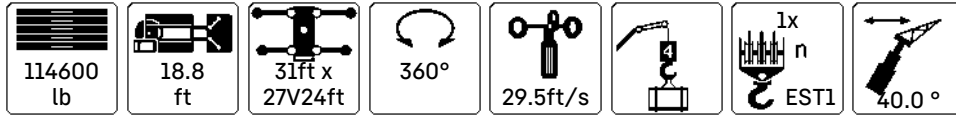
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.9	9.1										
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
	70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
	80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
	90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5		
	100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5		
	110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5		
	120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4		
	130	7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2		
	140	6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0		
	150	6.5	6.1	4.9	5.9	4.9	4.1	4.8	4.0	3.9	3.8		
	170	4.8	5.4	4.4	4.6	4.4	3.5	4.3	3.5	3.4	3.3		
	190	2.5	3.7	3.9	2.4	3.6	2.9	2.4	2.8				
	210			2.9									
	230												
	244												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVNZK: TV-69ft NZK-38ft



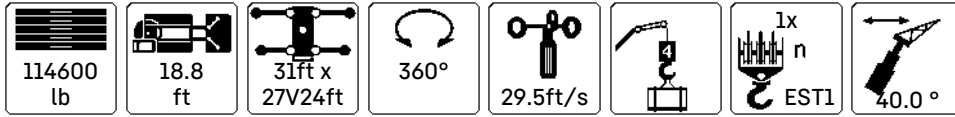
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4
	90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0
	100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6
	110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2
	120	5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8
	130	5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4
	140	4.7	7.3	7.4	7.4	7.5	7.4	7.4	7.2	5.2	7.1	6.9	5.1
	150		6.8	7.0	6.9	7.0	6.9	6.9	6.8	4.9	6.7	6.5	4.8
	170		6.0	6.1	6.1	6.2	6.1	6.1	6.1	4.3	5.8	5.9	4.3
	190		5.3	5.1	5.4	4.3	5.0	3.9	4.7	3.8	3.4	4.4	3.9
	210		4.1	2.8	3.3		2.7		2.5	3.3		2.4	3.4
	230									2.8			2.6
	244									2.2			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



		x1000lb											
ft	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17													
18													
20													
25													
30													
35													
40	19.7												
45	18.7												
50	16.9												
60	13.9	13.9	13.5	13.3									
70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0			
80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3	
90	8.5	10.5	10.5	10.4	10.2	10.0	9.7	9.4	7.0	9.1	8.7	6.9	
100	7.5	9.7	9.6	9.6	9.5	9.3	9.2	9.0	6.5	8.7	8.3	6.5	
110	6.6	8.9	8.9	8.9	8.9	8.7	8.6	8.4	6.1	8.2	7.9	6.1	
120	5.9	8.3	8.3	8.3	8.3	8.1	8.1	7.9	5.8	7.8	7.5	5.7	
130	5.3	7.7	7.8	7.7	7.7	7.6	7.6	7.5	5.4	7.4	7.1	5.4	
140		7.2	7.3	7.3	7.3	7.2	7.2	7.0	5.1	7.0	6.7	5.1	
150		6.7	6.8	6.8	6.9	6.8	6.8	6.7	4.8	6.6	6.4	4.8	
170		5.9	6.0	6.0	6.1	6.0	6.1	6.0	4.3	6.0	5.8	4.3	
190		5.3	5.3	5.4	4.7	5.2	4.3	5.1	3.9	3.9	4.8	3.9	
210		4.2	3.0	3.4	2.3	3.0		2.8	3.4		2.7	3.5	
230									2.9			2.8	
244									2.3				
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TVNZK: TV-69ft NZK-38ft



	ft	x1000lb												
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
17														
18														
20														
25														
30														
35														
40														
45														
50														
60														
70														
80		8.6	8.1	7.0	7.6	6.7								
90		8.3	7.8	6.6	7.4	6.5	5.7	6.2	5.3	5.2				
100		7.9	7.5	6.3	7.1	6.1	5.4	5.9	5.2	5.1	4.8			
110		7.6	7.1	5.9	6.8	5.8	5.2	5.6	5.0	4.9	4.6			
120		7.2	6.8	5.6	6.5	5.5	5.0	5.3	4.7	4.7	4.5			
130		6.9	6.5	5.3	6.3	5.2	4.7	5.1	4.5	4.5	4.3			
140		6.6	6.3	5.0	6.0	4.9	4.4	4.8	4.3	4.3	4.1			
150		6.3	6.0	4.7	5.8	4.7	4.1	4.6	4.1	4.0	3.9			
170		5.8	5.5	4.3	5.4	4.3	3.6	4.2	3.6	3.6	3.5			
190		3.6	4.7	3.9	3.6	3.9	3.1	3.5	3.1	3.1	2.8			
210			2.7	3.5		2.7	2.4							
230														
244														
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+			
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+			

TVNZK: TV-69ft NZK-38ft



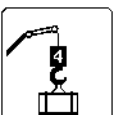
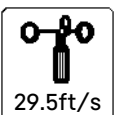
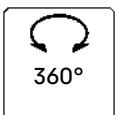
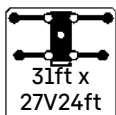
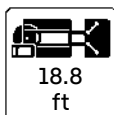
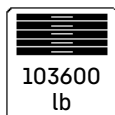
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	34.8											
	18	34.3											
	20	33.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1
	80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7
	90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2
	100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	9.1	8.6	6.8
	110	6.6	9.9	9.9	9.8	9.6	9.5	9.2	8.9	6.5	8.6	8.2	6.4
	120	5.8	9.0	9.1	9.0	9.0	8.9	8.7	8.4	6.1	8.2	7.8	6.0
	130	5.2	8.3	8.4	8.3	8.4	8.3	8.2	7.9	5.7	7.7	7.4	5.6
	140	4.7	7.6	7.8	7.7	7.8	7.7	7.7	7.5	5.3	7.3	7.0	5.3
	150		7.1	7.2	7.2	7.3	7.2	6.7	7.1	5.0	6.2	6.7	5.0
	170		6.1	5.6	6.0	4.7	5.5	4.0	4.9	4.4	3.5	4.6	4.4
	190		4.5	3.1	3.6	2.2	3.0		2.7	3.8		2.4	3.9
	210		2.6							3.3			2.7
	230												
	235												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









TVNZK: TV-69ft NZK-38ft



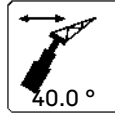
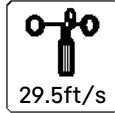
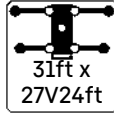
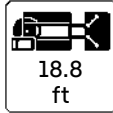
		x1000lb									
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2
	17										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	9.9	9.1								
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5		
	70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5
	80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5
	90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5
	100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5
	110	7.8	7.3	6.2	7.0	6.1	5.2	5.8	4.9	4.8	4.5
	120	7.5	7.0	5.9	6.7	5.7	4.9	5.5	4.7	4.6	4.4
	130	7.2	6.7	5.5	6.4	5.4	4.6	5.3	4.4	4.4	4.2
	140	6.8	6.4	5.2	6.2	5.2	4.4	5.0	4.2	4.1	4.0
	150	5.8	6.1	4.9	5.5	4.9	4.1	4.8	4.0	3.9	3.8
	170	3.3	4.4	4.4	3.1	4.1	3.5	3.1	3.4	2.8	2.4
	190		2.2	3.4		2.2	2.7				
	210										
	230										
	235										
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



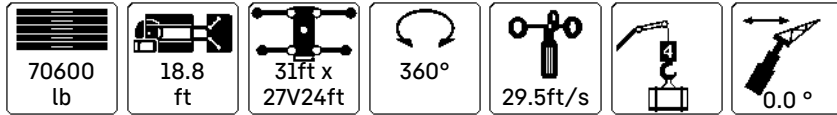
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4
	90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0
	100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6
	110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.4	8.0	6.2
	120	5.8	8.5	8.6	8.6	8.6	8.4	8.3	8.1	5.8	7.9	7.6	5.8
	130	5.2	7.9	8.0	8.0	8.0	7.9	7.8	7.7	5.5	7.5	7.2	5.4
	140	4.7	7.3	7.4	7.4	7.5	7.4	7.4	7.2	5.2	7.1	6.9	5.1
	150		6.8	7.0	6.9	7.0	6.9	6.9	6.8	4.9	6.7	6.5	4.8
	170		6.0	6.1	6.1	5.5	6.0	4.8	5.6	4.3	4.3	5.3	4.3
	190		5.0	3.7	4.1	2.9	3.6	2.3	3.3	3.8		3.0	3.9
	210		2.9							3.3			3.2
	230												
	235												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



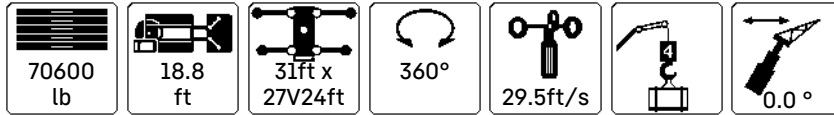
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70											
80	8.6	8.1	7.0	7.6	6.7						
90	8.3	7.8	6.6	7.4	6.5	5.7	6.2	5.3	5.2		
100	7.9	7.5	6.3	7.1	6.1	5.4	5.9	5.2	5.1	4.8	
110	7.6	7.1	5.9	6.8	5.8	5.2	5.6	5.0	4.9	4.6	
120	7.2	6.8	5.6	6.5	5.5	5.0	5.3	4.7	4.7	4.5	
130	6.9	6.5	5.3	6.3	5.2	4.7	5.1	4.5	4.5	4.3	
140	6.6	6.3	5.0	6.0	4.9	4.4	4.8	4.3	4.3	4.1	
150	5.9	6.0	4.7	5.5	4.7	4.1	4.6	4.1	4.0	3.9	
170	3.2	4.2	4.3	3.1	4.1	3.6	3.0	3.6	2.8	2.4	
190			3.0			2.5					
210											
230											
<hr/>											
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TVNZK: TV-69ft NZK-38ft



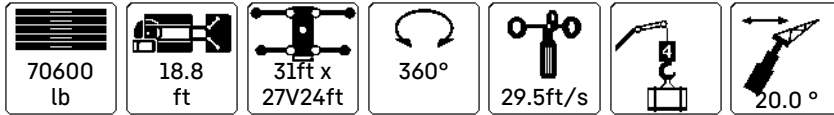
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	34.8											
	18	34.3											
	20	33.3											
	25	30.7											
	30	28.2											
	35	25.6	19.1	17.8	17.6								
	40	23.1	18.4	17.3	17.1	15.9	15.4						
	45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1	
	50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6
	60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4
	70	12.0	14.2	13.7	13.6	12.9	12.6	11.9	11.3	8.4	10.6	9.9	8.1
	80	10.0	13.0	12.6	12.5	12.0	11.7	11.1	10.6	7.9	10.0	9.4	7.7
	90	8.6	11.8	11.6	11.5	11.1	10.9	10.3	10.0	7.4	9.5	9.0	7.2
	100	7.5	10.8	10.7	10.6	10.3	10.1	9.8	9.4	6.9	8.9	8.6	6.8
	110	6.6	9.9	9.8	9.8	9.1	9.4	8.3	8.9	6.5	7.6	8.0	6.4
	120	5.8	9.0	8.3	8.6	7.1	7.8	6.2	7.1	6.1	5.6	6.6	6.0
	130	5.2	8.0	6.3	6.8	5.2	5.9	4.4	5.4	5.7	3.9	5.0	5.6
	140	4.7	6.4	4.6	5.2	3.5	4.3	2.6	3.8	5.3		3.5	5.3
	150		4.9	3.2	3.7		2.7			5.0			4.2
	170		2.4							3.1			
	190												
	210												
	214												
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



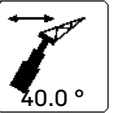
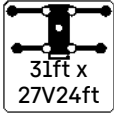
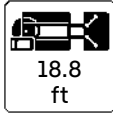
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
20											
25											
30											
35											
40											
45											
50	9.9	9.1									
60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5			
70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5	
80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5	
90	8.5	7.9	7.0	7.5	6.7	5.7	6.3	5.3	5.1	4.5	
100	8.2	7.6	6.6	7.2	6.4	5.4	6.1	5.1	5.0	4.5	
110	7.0	7.3	6.2	6.4	6.1	5.2	5.8	4.9	4.8	4.5	
120	5.2	6.3	5.9	4.9	5.6	4.9	4.8	4.7	4.1	3.8	
130	3.6	4.7	5.5	3.3	4.6	4.5	3.2	3.7	2.8		
140		3.3	4.3		3.1	3.6		2.3			
150			3.1			2.2					
170											
190											
210											
214											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.4	11.1	10.6	10.2	7.6	9.7	9.2	7.4
	90	8.5	11.1	11.0	10.9	10.6	10.3	10.0	9.6	7.1	9.2	8.8	7.0
	100	7.4	10.1	10.1	10.0	9.8	9.6	9.4	9.1	6.7	8.8	8.4	6.6
	110	6.5	9.2	9.3	9.2	9.2	9.0	8.9	8.6	6.2	8.2	8.0	6.2
	120	5.8	8.5	8.6	8.6	8.2	8.4	7.5	8.1	5.8	6.9	7.4	5.8
	130	5.2	7.9	7.4	7.8	6.3	7.1	5.6	6.5	5.5	5.1	6.0	5.4
	140	4.7	7.1	5.6	6.1	4.6	5.3	3.9	4.8	5.2	3.5	4.5	5.1
	150		5.7	4.1	4.6	3.0	3.8		3.3	4.9		3.1	4.8
	170		3.1							3.7			2.7
	190												
	210												
	214												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TVNZK: TV-69ft NZK-38ft



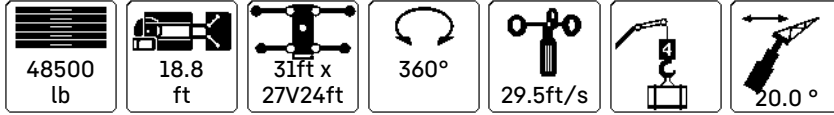
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80	8.6	8.1	7.0	7.6	6.7							
	90	8.3	7.8	6.6	7.4	6.5	5.7	6.2	5.3	5.2			
	100	7.9	7.5	6.3	7.1	6.1	5.4	5.9	5.2	5.1	4.8		
	110	7.6	7.1	5.9	6.8	5.8	5.2	5.6	5.0	4.9	4.6		
	120	7.1	6.8	5.6	6.5	5.5	5.0	5.3	4.7	4.7	4.5		
	130	5.6	6.3	5.3	5.4	5.2	4.7	4.9	4.5	4.5	4.2		
	140	4.0	5.0	5.0	3.8	4.7	4.4	3.7	4.2	3.4	3.1		
	150	2.4	3.6	4.5	2.2	3.6	3.8	2.3	2.9				
	170												
	190												
	210												
	214												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TVNZK: TV-69ft NZK-38ft



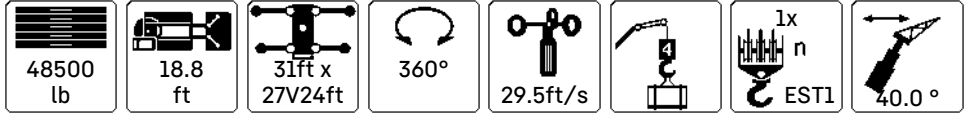
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	9.9	9.1										
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5				
	70	9.3	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5		
	80	8.9	8.2	7.3	7.7	7.0	5.9	6.5	5.5	5.1	4.5		
	90	6.8	7.8	7.0	6.4	6.7	5.7	6.0	5.3	5.1	4.5		
	100	4.6	5.7	6.6	4.3	5.5	5.4	4.0	4.6	3.5	2.9		
	110	2.3	3.9	5.0		3.6	4.0		2.6				
	120			3.4									
	130												
	140												
	150												
	170												
	190												
	191												
 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
 n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVNZK: TV-69ft NZK-38ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	9.1	8.4	7.5	7.9	7.1							
	80	8.7	8.1	7.1	7.6	6.8	5.9	6.5	5.5	5.4	5.0		
	90	8.3	7.8	6.7	7.3	6.5	5.6	6.2	5.3	5.2	4.9		
	100	6.1	7.1	6.4	5.7	6.2	5.4	5.5	5.1	4.9	4.5		
	110	4.1	5.1	6.0	3.8	5.0	5.1	3.6	4.2	3.2	2.6		
	120		3.5	4.5		3.2	3.6		2.2				
	130			2.9									
	140												
	150												
	170												
	190												
	191												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVNZK: TV-69ft NZK-38ft



	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80	8.6	8.1	7.0	7.6	6.7							
	90	8.3	7.8	6.6	7.4	6.5	5.7	6.2	5.3	5.2			
	100	7.4	7.5	6.3	6.8	6.1	5.4	5.9	5.2	5.1	4.8		
	110	5.3	6.2	5.9	5.0	5.7	5.2	4.8	4.9	4.4	4.0		
	120	3.4	4.4	5.4	3.1	4.3	4.6	3.0	3.5	2.5			
	130		2.8	3.8		2.5	3.0						
	140			2.3									
	150												
	170												
	190												
	191												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

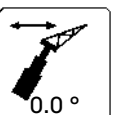
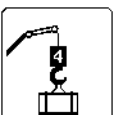
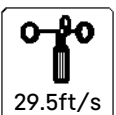
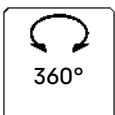
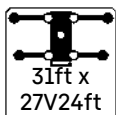
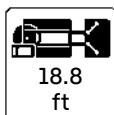
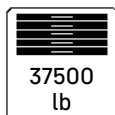
TVNZK: TV-69ft NZK-38ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17	34.8												
18	34.3												
20	33.3												
25	30.7												
30	28.2												
35	25.6	19.1	17.8	17.6									
40	23.1	18.4	17.3	17.1	15.9	15.4							
45	20.8	17.7	16.7	16.5	15.4	14.9	13.8	13.1	9.2	12.0	11.1		
50	18.6	16.9	16.1	15.9	14.9	14.5	13.5	12.8	9.1	11.8	10.8	8.6	
60	14.9	15.5	14.9	14.7	13.9	13.5	12.7	12.1	8.8	11.2	10.3	8.4	
70	12.0	14.2	13.7	13.5	12.6	12.5	11.3	11.3	8.4	10.1	9.9	8.1	
80	10.0	12.5	10.5	11.0	9.1	9.8	8.1	8.9	7.9	7.2	8.2	7.7	
90	8.6	9.4	7.4	8.0	6.2	7.0	5.3	6.3	7.4	4.7	5.7	7.2	
100	7.5	6.8	4.9	5.5	3.5	4.5	2.4	3.9	6.8		3.4	5.8	
110	6.6	4.8	2.6	3.3					5.1			3.9	
120	5.8	2.8							3.5				
130	5.2												
140	4.7												
150													
170													
174													

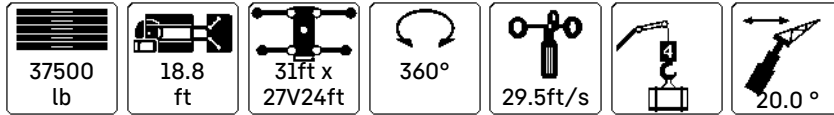
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TVNZK: TV-69ft NZK-38ft



		x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
ft	17											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50	9.9	9.1									
	60	9.6	8.8	7.9	8.2	7.4	6.2	6.8	5.5			
	70	9.2	8.5	7.6	7.9	7.2	6.1	6.7	5.5	5.1	4.5	
	80	6.6	7.7	7.3	6.1	6.8	5.9	5.8	5.5	4.9	4.5	
	90	4.1	5.3	6.4	3.6	5.1	5.3	3.3	4.0	2.7		
	100		3.0	4.4		2.7	3.3					
	110			2.3								
	120											
	130											
	140											
	150											
	170											
174												
<hr/>												
<hr/>												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	










TVNZK: TV-69ft NZK-38ft



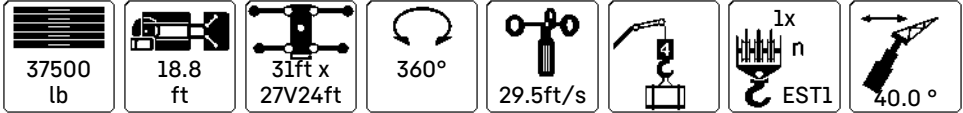
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30	26.6											
	35	24.3											
	40	22.0											
	45	19.7	16.7										
	50	17.6	16.1	15.3	15.2								
	60	14.3	14.7	14.1	14.0	13.3	13.0	12.2	11.7	8.6	10.8	10.1	
	70	11.7	13.4	13.0	12.9	12.3	12.0	11.4	10.9	8.2	10.3	9.7	7.9
	80	9.8	12.2	11.9	11.8	11.1	11.1	10.0	10.1	7.6	9.1	9.2	7.4
	90	8.5	10.8	9.2	9.7	8.1	8.7	7.2	8.0	7.1	6.5	7.3	7.0
	100	7.4	8.3	6.6	7.0	5.5	6.2	4.7	5.6	6.7	4.2	5.1	6.6
	110	6.5	6.1	4.3	4.9	3.0	4.0		3.4	6.1		3.0	5.2
	120	5.8	4.2		2.8					4.6			3.5
	130	5.2	2.2							3.1			
	140	4.7											
	150												
	170												
	174												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x









































TVNZK: TV-69ft NZK-38ft



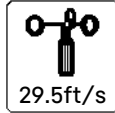
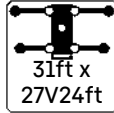
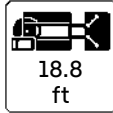
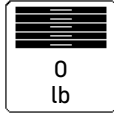
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	9.1	8.4	7.5	7.9	7.1							
	80	8.4	8.1	7.1	7.5	6.8	5.9	6.5	5.5	5.4	5.0		
	90	5.9	6.9	6.7	5.5	6.4	5.6	5.2	5.2	4.8	4.2		
	100	3.6	4.8	5.8	3.2	4.6	4.8	2.9	3.6	2.4			
	110		2.7	4.0		2.4	2.9						
	120												
	130												
	140												
	150												
	170												
	174												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TVNZK: TV-69ft NZK-38ft



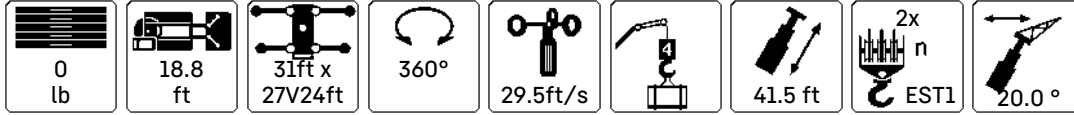
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30												
	35												
	40	19.7											
	45	18.7											
	50	16.9											
	60	13.9	13.9	13.5	13.3								
	70	11.5	12.8	12.4	12.3	11.8	11.6	11.0	10.6		10.0		
	80	9.8	11.7	11.4	11.3	10.9	10.7	10.3	10.0	7.5	9.5	9.1	7.3
	90	8.5	10.5	10.4	10.4	9.6	9.9	8.7	9.2	7.0	7.9	8.6	6.9
	100	7.5	9.3	7.9	8.3	6.8	7.5	6.1	6.9	6.5	5.5	6.4	6.5
	110	6.6	7.1	5.5	6.0	4.5	5.2	3.8	4.7	6.1	3.3	4.4	6.0
	120	5.9	5.1	3.4	4.0		3.0			5.4		2.2	4.5
	130	5.3	3.3							3.9			2.8
	140									2.3			
	150												
	170												
	174												
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													
													









TVNZK: TV-69ft NZK-38ft



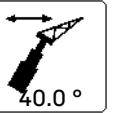
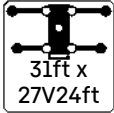
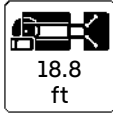
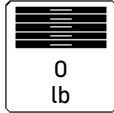
		x1000lb									
	ft										
		17	34.8								
	18	34.3									
	19	33.8									
	20	33.3									
	22	32.3									
	24	31.2									
	26	30.2									
	28	29.2									
	30	28.2									
	32	27.1									
	34	26.1									
	36	25.1									
	38	24.1									
	40	23.1									
	45	20.8									
	50	18.6									
	55	16.6									
	60	14.9									
	65	13.5									
	70	11.9									
	75	10.0									
	80	8.6									
	85	7.5									
	90	6.5									
	95	5.6									
	100	4.9									
	105	4.1									
	110	3.2									
	115	2.3									
	120										
	121										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									









TVNZK: TV-69ft NZK-38ft



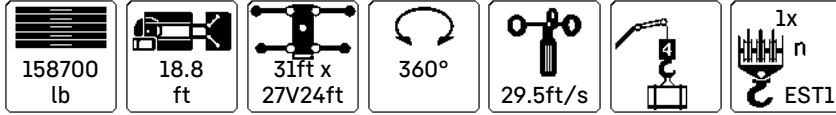
		x1000lb									
	ft										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30	26.6									
	32	25.7									
	34	24.7									
	36	23.8									
	38	22.9									
	40	22.0									
	45	19.7									
	50	17.6									
	55	15.9									
	60	14.3									
	65	12.9									
	70	11.7									
	75	10.7									
	80	9.6									
	85	8.4									
	90	7.3									
	95	6.3									
	100	5.5									
	105	4.7									
	110	4.0									
	115	3.1									
	120										
	121										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TVNZK: TV-69ft NZK-38ft



		x1000lb											
	ft												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38												
	40	19.7											
	45	18.7											
	50	16.9											
	55	15.3											
	60	13.9											
	65	12.6											
	70	11.5											
	75	10.5											
	80	9.8											
	85	9.0											
	90	7.8											
	95	6.8											
	100	5.9											
	105	5.1											
	110	4.3											
	115	3.5											
	120	2.5											
	121	2.3											
	1	0+											
	2	0+											
	3	0+											
	4	0+											
	5	0+											
	6	0+											
	7	0+											

TVNZK: TV-69ft NZK-66ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	25	16.1											
	30	16.1											
	35	16.0											
	40	15.4			11.7			11.0			10.9		
	45	14.7	13.0		11.4			10.8			10.7		
	50	13.9	12.4		11.1			10.5			10.4		
	60	12.2	11.4	8.6	10.4			10.0			9.9		
	70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1	
	80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6	
	90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5
	100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2
	110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8
	120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3
	130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9
	140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5
	150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2
	170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6
	190				4.1	4.0	4.0	4.2	4.1	4.1	4.2	4.1	4.1
	210				3.6	3.5	3.5	3.7	3.6	3.6	3.7	3.6	3.6
	230				3.1	3.1	3.2	3.3	3.2	3.3	3.3	3.2	3.3
	250				2.8	2.8		2.9	2.9	3.0	2.9	2.9	3.0
	270												
	279												
	1%	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2%	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3%	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4%	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5%	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6%	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7%	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
25													
30													
35													
40													
45	10.0			9.8									
50	9.9			9.6			9.1			8.8			
60	9.4			9.2			8.8			8.5			
70	9.0	8.8		8.8	8.6		8.4			8.1			
80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6		
90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2		
100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6	
110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3	
120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0	
130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6	
140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3	
150	5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0	
170	4.9	4.7	4.6	4.9	4.6	4.6	4.8	4.7	4.6	4.7	4.6	4.5	
190	4.3	4.2	4.1	4.3	4.1	4.1	4.3	4.1	4.1	4.2	4.0	4.0	
210	3.8	3.7	3.7	3.8	3.6	3.7	3.8	3.7	3.7	3.7	3.6	3.6	
230	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.3	3.3	3.2	3.3	
250	3.0	3.0	3.0	3.0	2.9	3.0	2.6	3.0	3.1	3.0	3.0	3.0	
270				2.3	2.6	2.5					2.4	2.4	
279													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
5%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

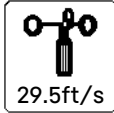
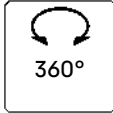
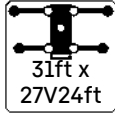
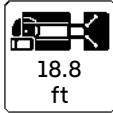
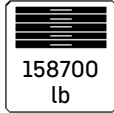
TVNZK: TV-69ft NZK-66ft



		x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
25													
30													
35													
40													
45													
50					8.2								
60		6.4			8.0			7.5			6.1		
70		6.2			7.7			7.2			6.0		
80		6.0	5.9		7.4	7.2		7.0	6.9		5.8		
90		5.7	5.5		7.1	6.9		6.7	6.6		5.5	5.4	
100		5.4	5.1	5.1	6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
110		5.0	4.8	4.7	6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
120		4.7	4.5	4.4	6.1	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
130		4.4	4.2	4.2	5.8	5.6	5.5	5.5	5.4	5.3	4.3	4.2	4.1
140		4.1	3.9	3.9	5.5	5.3	5.2	5.2	5.1	5.0	4.1	3.9	3.9
150		3.8	3.7	3.7	5.2	5.0	5.0	5.0	4.9	4.8	3.8	3.7	3.6
170		3.3	3.2	3.2	4.6	4.5	4.4	4.5	4.4	4.3	3.3	3.2	3.2
190		2.9	2.8	2.8	4.2	4.0	4.0	4.0	3.9	3.9	2.9	2.8	2.8
210		2.5	2.5	2.5	3.7	3.6	3.6	3.6	3.5	3.5	2.5	2.5	2.5
230					3.4	3.3	3.3	3.3	3.2	3.2			2.3
250					2.3	2.9	3.0	2.9	2.9	3.0			
270									2.3	2.4			
279													

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft












ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
25													
30													
35													
40													
45													
50													
60	7.0			6.2				5.3			5.3		
70	6.8			6.2				5.3			5.3		
80	6.6			6.1				5.3			5.3		
90	6.3	6.2		5.9	5.8			5.3	5.2		5.3	5.4	
100	6.1	6.0	5.9	5.7	5.6			5.0	4.9		5.3	5.3	
110	5.8	5.7	5.6	5.4	5.3	5.3		4.8	4.6	4.5	5.1	5.1	5.0
120	5.6	5.4	5.4	5.2	5.1	5.1		4.5	4.3	4.3	4.9	4.9	4.8
130	5.3	5.2	5.1	5.0	4.9	4.8		4.2	4.1	4.0	4.7	4.6	4.6
140	5.1	4.9	4.9	4.7	4.7	4.6		4.0	3.8	3.8	4.5	4.5	4.4
150	4.8	4.7	4.7	4.5	4.4	4.4		3.7	3.6	3.6	4.3	4.3	4.2
170	4.4	4.2	4.2	4.1	4.0	4.0		3.3	3.2	3.2	4.0	3.9	3.9
190	3.9	3.9	3.9	3.7	3.7	3.7		2.9	2.8	2.8	3.6	3.6	3.6
210	3.6	3.5	3.5	3.4	3.4	3.4		2.5	2.5	2.5	3.3	3.3	3.3
230	3.3	3.2	3.2	2.9	3.0	3.1				2.3	2.9	3.0	3.1
250		2.8	3.0	2.4	2.6	2.7						2.6	2.7
270													
279													

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



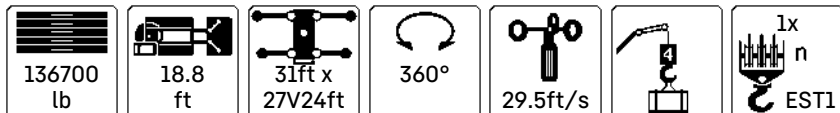
		x1000lb														
	ft	212.6	212.6	212.6	225.6	225.6	225.6									
	25															
	30															
	35															
	40															
	45															
	50															
	60	4.5														
	70	4.5			3.7											
	80	4.5			3.7											
	90	4.5	4.9		3.7											
	100	4.5	4.7		3.7	4.5										
	110	4.5	4.5	4.4	3.7	4.3										
	120	4.4	4.2	4.2	3.7	4.1	4.0									
	130	4.1	4.0	3.9	3.7	3.8	3.8									
	140	3.9	3.8	3.7	3.7	3.6	3.6									
	150	3.7	3.5	3.5	3.5	3.4	3.4									
	170	3.2	3.2	3.1	3.1	3.1	3.1									
	190	2.8	2.8	2.8	2.8	2.7	2.8									
	210	2.5	2.5	2.5	2.4	2.4	2.5									
	230			2.3			2.2									
	250															
	270															
	279															
	1	45+	45+	45+	90+	90+	90+									
	2	90+	90+	90+	90+	90+	90+									
	3	90+	90+	90+	90+	90+	90+									
	4	90+	90+	90+	90+	90+	90+									
	5	90+	90+	90+	90+	90+	90+									
	6	90+	90+	90+	90+	90+	90+									
	7	90+	90+	90+	90+	90+	90+									
	°	0.0	20.0	40.0	0.0	20.0	40.0									

TVNZK: TV-69ft NZK-66ft



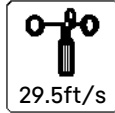
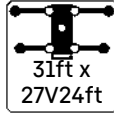
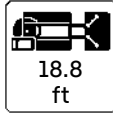
ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
20	16.1												
25	16.1												
30	16.1												
35	16.0												
40	15.4			11.7			11.0			10.9			
45	14.7	13.0		11.4			10.8			10.7			
50	13.9	12.4		11.1			10.5			10.4			
60	12.2	11.4	8.6	10.4			10.0			9.9			
70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1		
80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6		
90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5	
100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2	
110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8	
120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3	
130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9	
140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5	
150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2	
170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6	
190				4.1	4.0	4.0	4.2	4.1	4.1	4.2	4.1	4.1	
210				3.6	3.5	3.5	3.7	3.6	3.6	3.7	3.6	3.6	
230				3.1	3.1	3.2	3.3	3.2	3.3	3.3	3.2	3.3	
250				2.8	2.8			2.4	2.4	2.4	2.8	2.8	
262													
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0°	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



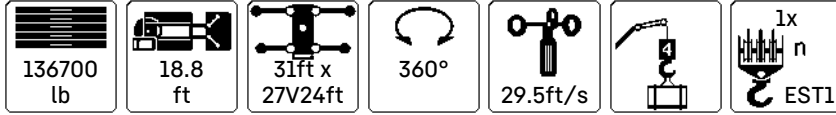
ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
20													
25													
30													
35													
40													
45	10.0			9.8									
50	9.9			9.6			9.1			8.8			
60	9.4			9.2			8.8			8.5			
70	9.0	8.8		8.8	8.6		8.4			8.1			
80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6		
90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2		
100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6	
110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3	
120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0	
130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6	
140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3	
150	5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0	
170	4.9	4.7	4.6	4.9	4.6	4.6	4.8	4.7	4.6	4.7	4.6	4.5	
190	4.3	4.2	4.1	4.3	4.1	4.1	4.3	4.1	4.1	4.2	4.0	4.0	
210	3.8	3.7	3.7	3.8	3.6	3.7	3.8	3.7	3.7	3.7	3.6	3.6	
230	2.7	3.3	3.3	3.2	3.3	3.3		3.0	3.3	3.0	3.2	3.3	
250					2.3	2.5						2.3	
262													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
5%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0°	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



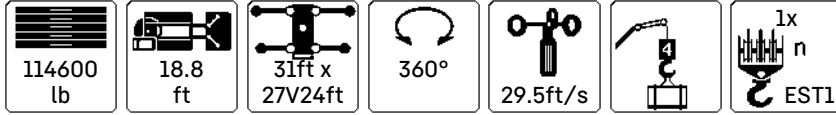
	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	20												
	25												
	30												
	35												
	40												
	45												
	50				8.2								
	60	6.4			8.0			7.5			6.1		
	70	6.2			7.7			7.2			6.0		
	80	6.0	5.9		7.4	7.2		7.0	6.9		5.8		
	90	5.7	5.5		7.1	6.9		6.7	6.6		5.5	5.4	
	100	5.4	5.1	5.1	6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
	110	5.0	4.8	4.7	6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
	120	4.7	4.5	4.4	6.1	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
	130	4.4	4.2	4.2	5.8	5.6	5.5	5.5	5.4	5.3	4.3	4.2	4.1
	140	4.1	3.9	3.9	5.5	5.3	5.2	5.2	5.1	5.0	4.1	3.9	3.9
	150	3.8	3.7	3.7	5.2	5.0	5.0	5.0	4.9	4.8	3.8	3.7	3.6
	170	3.3	3.2	3.2	4.6	4.5	4.4	4.5	4.4	4.3	3.3	3.2	3.2
	190	2.9	2.8	2.8	4.2	4.0	4.0	4.0	3.9	3.9	2.9	2.8	2.8
	210	2.5	2.5	2.5	3.6	3.6	3.6	3.6	3.5	3.5	2.5	2.5	2.5
	230					2.7	3.2	2.8	3.2	3.2			2.3
	250									2.3			
	262												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



		x1000lb											
	ft	212.6	212.6	212.6	225.6	225.6	225.6						
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	4.5											
	70	4.5			3.7								
	80	4.5			3.7								
	90	4.5	4.9		3.7								
	100	4.5	4.7		3.7	4.5							
	110	4.5	4.5	4.4	3.7	4.3							
	120	4.4	4.2	4.2	3.7	4.1	4.0						
	130	4.1	4.0	3.9	3.7	3.8	3.8						
	140	3.9	3.8	3.7	3.7	3.6	3.6						
	150	3.7	3.5	3.5	3.5	3.4	3.4						
	170	3.2	3.2	3.1	3.1	3.1	3.1						
	190	2.8	2.8	2.8	2.8	2.7	2.8						
	210	2.5	2.5	2.5	2.4	2.4	2.5						
	230			2.3			2.2						
	250												
	262												
	1	45+	45+	45+	90+	90+	90+						
	2	90+	90+	90+	90+	90+	90+						
	3	90+	90+	90+	90+	90+	90+						
	4	90+	90+	90+	90+	90+	90+						
	5	90+	90+	90+	90+	90+	90+						
	6	90+	90+	90+	90+	90+	90+						
	7	90+	90+	90+	90+	90+	90+						
	°	0.0	20.0	40.0	0.0	20.0	40.0						


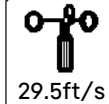
TVNZK: TV-69ft NZK-66ft












ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
20	16.1												
25	16.1												
30	16.1												
35	16.0												
40	15.4			11.7			11.0			10.9			
45	14.7	13.0		11.4			10.8			10.7			
50	13.9	12.4		11.1			10.5			10.4			
60	12.2	11.4	8.6	10.4			10.0			9.9			
70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1		
80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6		
90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5	
100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2	
110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8	
120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3	
130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9	
140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5	
150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2	
170	3.0			4.8	4.6	4.5	4.9	4.7	4.6	4.9	4.6	4.6	
190				4.1	4.0	4.0	4.2	4.1	4.1	4.2	4.1	4.1	
210				3.6	3.5	3.5	3.1	3.6	3.6	3.5	3.6	3.6	
230				2.8	3.1	3.2			2.4			2.5	2.7
250													

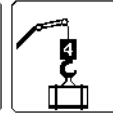
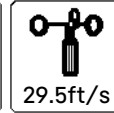
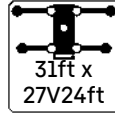
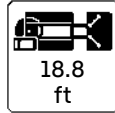
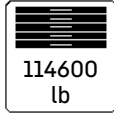
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft

 114600 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s		 1x n EST1
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	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30												
	35												
	40												
	45	10.0			9.8								
	50	9.9			9.6			9.1			8.8		
	60	9.4			9.2			8.8			8.5		
	70	9.0	8.8		8.8	8.6		8.4			8.1		
	80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6	
	90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
	100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6
	110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3
	120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0
	130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6
	140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3
	150	5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0
	170	4.9	4.7	4.6	4.9	4.6	4.6	4.8	4.7	4.6	4.7	4.6	4.5
	190	4.2	4.2	4.1	4.3	4.1	4.1	3.6	4.1	4.1	4.2	4.0	4.0
	210	2.3	3.3	3.6	2.9	3.6	3.7		2.7	3.4	2.5	3.4	3.6
	230						2.4						
	250												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft












ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
20													
25													
30													
35													
40													
45													
50													
60	7.0			6.2				5.3			5.3		
70	6.8			6.2				5.3			5.3		
80	6.6			6.1				5.3			5.3		
90	6.3	6.2		5.9	5.8			5.3	5.2		5.3	5.4	
100	6.1	6.0	5.9	5.7	5.6			5.0	4.9		5.3	5.3	
110	5.8	5.7	5.6	5.4	5.3	5.3	5.3	4.8	4.6	4.5	5.1	5.1	5.0
120	5.6	5.4	5.4	5.2	5.1	5.1	5.1	4.5	4.3	4.3	4.9	4.9	4.8
130	5.3	5.2	5.1	5.0	4.9	4.8	4.8	4.2	4.1	4.0	4.7	4.6	4.6
140	5.1	4.9	4.9	4.7	4.7	4.6	4.6	4.0	3.8	3.8	4.5	4.5	4.4
150	4.8	4.7	4.7	4.5	4.4	4.4	4.4	3.7	3.6	3.6	4.3	4.3	4.2
170	4.4	4.2	4.2	4.1	4.0	4.0	4.0	3.3	3.2	3.2	4.0	3.9	3.9
190	2.7	3.8	3.9	3.6	3.7	3.7	3.7	2.9	2.8	2.8	2.5	3.4	3.6
210			2.8		3.0	3.3	2.5	2.5	2.5	2.5			2.6
230										2.3			
250													

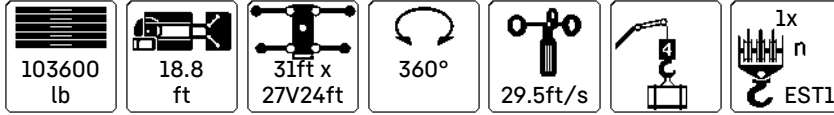
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



	ft	x1000lb												
		212.6	212.6	212.6	225.6	225.6	225.6							
	20													
	25													
	30													
	35													
	40													
	45													
	50													
	60	4.5												
	70	4.5			3.7									
	80	4.5			3.7									
	90	4.5	4.9		3.7									
	100	4.5	4.7		3.7	4.5								
	110	4.5	4.5	4.4	3.7	4.3								
	120	4.4	4.2	4.2	3.7	4.1	4.0							
	130	4.1	4.0	3.9	3.7	3.8	3.8							
	140	3.9	3.8	3.7	3.7	3.6	3.6							
	150	3.7	3.5	3.5	3.5	3.4	3.4							
	170	3.2	3.2	3.1	3.1	3.1	3.1							
	190	2.8	2.8	2.8	2.4	2.7	2.8							
	210		2.5	2.5			2.4							
	230													
	250													
	1	45+	45+	45+	90+	90+	90+							
	2	90+	90+	90+	90+	90+	90+							
	3	90+	90+	90+	90+	90+	90+							
	4	90+	90+	90+	90+	90+	90+							
	5	90+	90+	90+	90+	90+	90+							
	6	90+	90+	90+	90+	90+	90+							
	7	90+	90+	90+	90+	90+	90+							
	°	0.0	20.0	40.0	0.0	20.0	40.0							










TVNZK: TV-69ft NZK-66ft



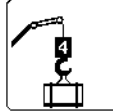
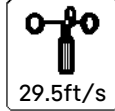
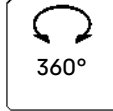
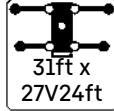
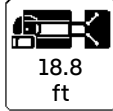
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30												
	35												
	40												
	45	10.0			9.8								
	50	9.9			9.6			9.1			8.8		
	60	9.4			9.2			8.8			8.5		
	70	9.0	8.8		8.8	8.6		8.4			8.1		
	80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6	
	90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
	100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6
	110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3
	120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0
	130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6
	140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3
	150	5.6	5.3	5.2	5.5	5.3	5.1	5.5	5.3	5.1	5.3	5.1	5.0
	170	4.8	4.7	4.6	4.9	4.6	4.6	4.3	4.7	4.6	4.7	4.6	4.5
	190	2.9	4.0	4.1	3.6	4.1	4.1		3.4	4.0	3.0	4.0	4.0
	210			2.6		2.6	3.2						2.8
	230												
	250												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



		x1000lb											
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
	20												
	25												
	30												
	35												
	40												
	45												
	50				8.2								
	60	6.4			8.0			7.5			6.1		
	70	6.2			7.7			7.2			6.0		
	80	6.0	5.9		7.4	7.2		7.0	6.9		5.8		
	90	5.7	5.5		7.1	6.9		6.7	6.6		5.5	5.4	
	100	5.4	5.1	5.1	6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
	110	5.0	4.8	4.7	6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
	120	4.7	4.5	4.4	6.1	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
	130	4.4	4.2	4.2	5.8	5.6	5.5	5.5	5.4	5.3	4.3	4.2	4.1
	140	4.1	3.9	3.9	5.5	5.3	5.2	5.2	5.1	5.0	4.1	3.9	3.9
	150	3.8	3.7	3.7	5.2	5.0	5.0	5.0	4.9	4.8	3.8	3.7	3.6
	170	3.3	3.2	3.2	3.8	4.5	4.4	4.4	4.4	4.3	3.3	3.2	3.2
	190	2.9	2.8	2.8		2.9	3.7	2.6	3.7	3.9	2.9	2.8	2.8
	210	2.5	2.5	2.5						2.6	2.5	2.5	2.5
	230												2.3
	250												
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
20	16.1													
25	16.1													
30	16.1													
35	16.0													
40	15.4			11.7			11.0				10.9			
45	14.7	13.0		11.4			10.8				10.7			
50	13.9	12.4		11.1			10.5				10.4			
60	12.2	11.4	8.6	10.4			10.0				9.9			
70	10.6	10.2	8.1	9.8	9.5		9.5	9.2			9.4	9.1		
80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7			8.9	8.6		
90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5		8.4	8.1	7.5	
100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.6	7.2	
110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.4	7.1	6.8	
120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.6	6.3	
130	4.7	4.7	4.8	6.5	6.1	5.9	6.5	6.2	5.9	6.5	6.1	5.9	5.9	
140	4.1	4.2	4.3	6.0	5.7	5.5	6.1	5.7	5.6	6.0	5.7	5.5	5.5	
150	3.7	3.7	3.8	5.6	5.3	5.2	5.7	5.4	5.2	5.6	5.3	5.2	5.2	
170	3.0			4.8	4.6	4.5	4.6	4.7	4.6	4.8	4.6	4.6	4.6	
190				3.9	4.0	4.0	2.5	3.6	4.1	2.9	4.0	4.1	4.1	
210					2.8	3.2							2.5	
230														
241														
%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVNZK: TV-69ft NZK-66ft



		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30												
	35												
	40												
	45	10.0			9.8								
	50	9.9			9.6			9.1			8.8		
	60	9.4			9.2			8.8			8.5		
	70	9.0	8.8		8.8	8.6		8.4			8.1		
	80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6	
	90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
	100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6
	110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3
	120	6.8	6.5	6.3	6.7	6.4	6.2	6.5	6.3	6.1	6.4	6.1	6.0
	130	6.4	6.1	5.9	6.3	6.0	5.8	6.2	5.9	5.8	6.0	5.8	5.6
	140	6.0	5.7	5.5	5.9	5.7	5.5	5.8	5.6	5.4	5.6	5.4	5.3
	150	5.6	5.3	5.2	5.5	5.3	5.1	5.3	5.3	5.1	5.3	5.1	5.0
	170	3.6	4.6	4.6	4.2	4.6	4.6	2.8	4.3	4.6	3.7	4.6	4.5
	190		2.6	3.5		3.3	3.9			2.9		2.8	3.6
	210												
	230												
	241												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

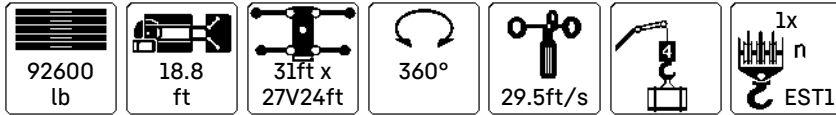
TVNZK: TV-69ft NZK-66ft



		x1000lb											
ft		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
20													
25													
30													
35													
40													
45													
50					8.2								
60	6.4				8.0			7.5			6.1		
70	6.2				7.7			7.2			6.0		
80	6.0	5.9			7.4	7.2		7.0	6.9		5.8		
90	5.7	5.5			7.1	6.9		6.7	6.6		5.5	5.4	
100	5.4	5.1	5.1		6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
110	5.0	4.8	4.7		6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
120	4.7	4.5	4.4		6.1	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
130	4.4	4.2	4.2		5.8	5.6	5.5	5.5	5.4	5.3	4.3	4.2	4.1
140	4.1	3.9	3.9		5.5	5.3	5.2	5.2	5.1	5.0	4.1	3.9	3.9
150	3.8	3.7	3.7		4.7	5.0	5.0	5.0	4.9	4.8	3.8	3.7	3.6
170	3.3	3.2	3.2			3.8	4.4	3.3	4.4	4.3	3.3	3.2	3.2
190	2.9	2.8	2.8				2.6		2.5	3.3	2.9	2.8	2.8
210	2.5	2.5	2.5									2.4	2.5
230													
241													

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
20													
25													
30													
35													
40													
45													
50													
60		7.0			6.2			5.3			5.3		
70		6.8			6.2			5.3			5.3		
80		6.6			6.1			5.3			5.3		
90		6.3	6.2		5.9	5.8		5.3	5.2		5.3	5.4	
100		6.1	6.0	5.9	5.7	5.6		5.0	4.9		5.3	5.3	
110		5.8	5.7	5.6	5.4	5.3	5.3	4.8	4.6	4.5	5.1	5.1	5.0
120		5.6	5.4	5.4	5.2	5.1	5.1	4.5	4.3	4.3	4.9	4.9	4.8
130		5.3	5.2	5.1	5.0	4.9	4.8	4.2	4.1	4.0	4.7	4.6	4.6
140		5.1	4.9	4.9	4.7	4.7	4.6	4.0	3.8	3.8	4.5	4.5	4.4
150		4.2	4.7	4.7	4.5	4.4	4.4	3.7	3.6	3.6	4.1	4.3	4.2
170			3.4	4.2	3.0	4.0	4.0	3.3	3.2	3.2		3.2	3.8
190				2.3		2.2	3.2		2.8	2.8			
210													
230													
241													

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



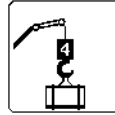
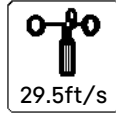
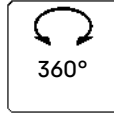
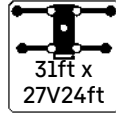
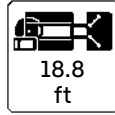
ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
20	16.1												
25	16.1												
30	16.1												
35	16.0												
40	15.4			11.7			11.0			10.9			
45	14.7	13.0		11.4			10.8			10.7			
50	13.9	12.4		11.1			10.5			10.4			
60	12.2	11.4	8.6	10.4			10.0			9.9			
70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1		
80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6		
90	7.8	7.7	7.3	8.7	8.3	7.5	8.5	8.1	7.5	8.4	8.1	7.5	
100	6.8	6.8	6.8	8.1	7.8	7.3	8.0	7.6	7.3	7.9	7.6	7.2	
110	6.0	6.0	6.0	7.6	7.2	6.8	7.5	7.1	6.8	7.4	7.1	6.8	
120	5.3	5.3	5.4	7.0	6.6	6.4	7.0	6.6	6.4	6.9	6.6	6.3	
130	4.7	4.7	4.8	6.5	6.1	5.9	6.4	6.2	5.9	6.5	6.1	5.9	
140	4.1	4.2	4.3	6.0	5.7	5.5	5.1	5.7	5.6	5.6	5.7	5.5	
150	3.7	3.7	3.8	5.3	5.3	5.2	3.7	5.2	5.2	4.1	5.3	5.2	
170	3.0			3.0	4.2	4.5		2.6	3.7		3.1	4.1	
190						2.7							
210													
224													
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
0%	0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	20												
	25												
	30												
	35												
	40												
	45	10.0			9.8								
	50	9.9			9.6			9.1			8.8		
	60	9.4			9.2			8.8			8.5		
	70	9.0	8.8		8.8	8.6		8.4			8.1		
	80	8.6	8.3		8.4	8.2		8.0	7.8		7.8	7.6	
	90	8.1	7.9	7.5	8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
	100	7.7	7.4	7.1	7.6	7.3	7.0	7.3	7.1	6.8	7.1	6.9	6.6
	110	7.3	7.0	6.7	7.1	6.8	6.6	6.9	6.7	6.4	6.7	6.5	6.3
	120	6.8	6.5	6.3	6.7	6.4	6.2	6.3	6.3	6.1	6.4	6.1	6.0
	130	5.6	6.1	5.9	6.0	6.0	5.8	4.7	5.9	5.8	5.5	5.8	5.6
	140	4.0	5.7	5.5	4.7	5.7	5.5	3.2	5.1	5.4	4.1	5.4	5.3
	150	2.4	4.4	5.2	3.3	4.9	5.1		3.7	5.0	2.7	4.4	5.0
	170			2.9		2.3	3.5			2.2			3.0
	190												
	210												
	224												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



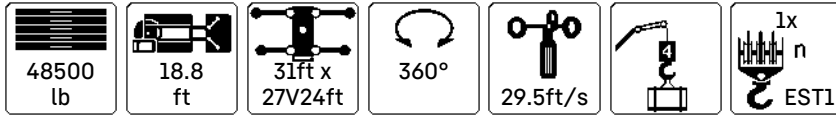
ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
20													
25													
30													
35													
40													
45													
50					8.2								
60	6.4				8.0			7.5			6.1		
70	6.2				7.7			7.2			6.0		
80	6.0	5.9			7.4	7.2		7.0	6.9		5.8		
90	5.7	5.5			7.1	6.9		6.7	6.6		5.5	5.4	
100	5.4	5.1	5.1		6.8	6.6	6.4	6.4	6.3	6.1	5.3	5.1	4.9
110	5.0	4.8	4.7		6.4	6.2	6.1	6.1	6.0	5.9	4.9	4.8	4.7
120	4.7	4.5	4.4		5.6	5.9	5.8	5.8	5.7	5.6	4.6	4.5	4.4
130	4.4	4.2	4.2		4.1	5.6	5.5	5.0	5.4	5.3	4.3	4.2	4.1
140	4.1	3.9	3.9		2.5	4.6	5.2	3.6	5.0	5.0	4.1	3.9	3.9
150	3.8	3.7	3.7			3.2	4.6	2.2	4.0	4.7	3.8	3.7	3.6
170	3.1	3.2	3.2							2.7		3.2	3.2
190		2.3	2.8										
210													
224													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



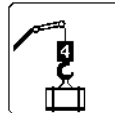
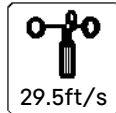
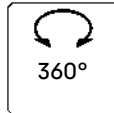
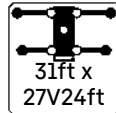
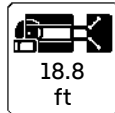
	ft	x1000lb														
		212.6	212.6	212.6	225.6	225.6	225.6									
	20															
	25															
	30															
	35															
	40															
	45															
	50															
	60	4.5														
	70	4.5				3.7										
	80	4.5				3.7										
	90	4.5	4.9			3.7										
	100	4.5	4.7			3.7	4.5									
	110	4.5	4.5	4.4		3.7	4.3									
	120	4.4	4.2	4.2		3.6	4.1	4.0								
	130	4.0	4.0	3.9		3.1	3.8	3.8								
	140	3.1	3.8	3.7			3.4	3.6								
	150		3.3	3.5				3.4								
	170			2.4												
	190															
	210															
	224															
	1	45+	45+	45+	90+	90+	90+									
	2	90+	90+	90+	90+	90+	90+									
	3	90+	90+	90+	90+	90+	90+									
	4	90+	90+	90+	90+	90+	90+									
	5	90+	90+	90+	90+	90+	90+									
	6	90+	90+	90+	90+	90+	90+									
	7	90+	90+	90+	90+	90+	90+									
	°	0.0	20.0	40.0	0.0	20.0	40.0									

TVNZK: TV-69ft NZK-66ft



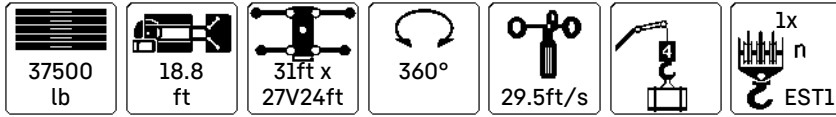
		x1000lb												
ft		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
20														
25														
30														
35														
40														
45		10.0				9.8								
50		9.9				9.6		9.1			8.8			
60		9.4				9.2		8.8			8.5			
70		9.0	8.8			8.8	8.6	8.4			8.1			
80		8.6	8.3			8.4	8.2	8.0	7.8		7.8	7.6		
90		8.1	7.9	7.5		8.0	7.7	7.4	7.7	7.4	7.2	7.4	7.2	
100		6.9	7.4	7.1		7.1	7.3	7.0	5.8	7.1	6.8	6.6	6.9	6.6
110		4.8	7.0	6.7		5.5	6.8	6.6	3.9	6.4	6.4	4.7	6.5	6.3
120		2.7	5.3	6.3		3.6	5.8	6.2		4.6	6.1	2.9	5.2	6.0
130			3.6	5.4			4.2	5.7			4.7		3.6	5.3
140				3.6			2.5	4.2			2.9			3.7
150								2.6						
170														
190														
197														
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	

TVNZK: TV-69ft NZK-66ft



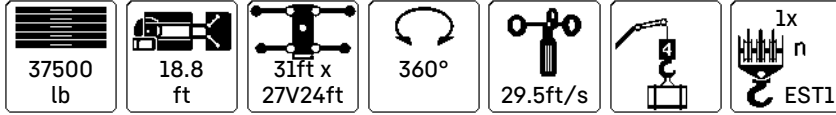
ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	186.6
20													
25													
30													
35													
40													
45													
50				8.2									
60	6.4			8.0			7.5			6.1			
70	6.2			7.7			7.2			6.0			
80	6.0	5.9		7.4	7.2		7.0	6.9		5.8			
90	5.7	5.5		7.0	6.9		6.7	6.6		5.5	5.4		
100	5.4	5.1	5.1	5.1	6.6	6.4	6.0	6.3	6.1	5.3	5.1	4.9	
110	5.0	4.8	4.7	3.1	5.7	6.1	4.2	5.9	5.9	4.9	4.8	4.7	
120	4.7	4.5	4.4		4.0	5.6		4.7	5.6	4.3	4.5	4.4	
130	4.1	4.2	4.2			4.1		3.1	4.8	3.0	4.2	4.1	
140	2.9	3.9	3.9						3.3		3.4	3.9	
150		3.2	3.7									3.4	
170													
190													
197													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	20	16.1											
	25	16.1											
	30	16.1											
	35	16.0											
	40	15.4			11.7			11.0			10.9		
	45	14.7	13.0		11.4			10.8			10.7		
	50	13.9	12.4		11.1			10.5			10.4		
	60	12.2	11.4	8.6	10.4			10.0			9.9		
	70	10.6	10.2	8.1	9.8	9.5		9.5	9.2		9.4	9.1	
	80	9.1	8.9	7.7	9.2	8.9	7.8	9.0	8.7		8.9	8.6	
	90	7.8	7.7	7.3	8.6	8.3	7.5	7.8	8.1	7.5	8.1	8.1	7.5
	100	6.8	6.8	6.8	7.2	7.8	7.3	5.4	7.6	7.3	5.9	7.6	7.2
	110	6.0	6.0	6.0	5.2	7.0	6.8	3.3	6.0	6.8	3.9	6.4	6.8
	120	5.3	5.3	5.4	3.4	5.6	6.4		4.0	6.0		4.5	6.3
	130	4.7	4.7	4.8		3.9	5.5			4.1		2.7	4.5
	140	4.1	4.2	4.3		2.3	3.8			2.3			2.8
	150	3.7	3.7	3.8									
	170	3.0											
	190												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft



ft		x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
20													
25													
30													
35													
40													
45													
50					8.2								
60	6.4				8.0			7.5			6.1		
70	6.2				7.7			7.2			6.0		
80	6.0	5.9			7.0	7.2		7.0	6.9		5.8		
90	5.7	5.5			4.7	6.9		5.6	6.6		5.5	5.4	
100	5.4	5.1	5.1			5.4	6.4	3.5	6.0	6.1	5.3	5.1	4.9
110	4.8	4.8	4.7			3.5	5.7		4.3	5.8	3.8	4.8	4.7
120	3.5	4.5	4.4				3.9		2.5	4.5		4.3	4.4
130		3.9	4.2							2.9		2.8	4.1
140		2.5	3.7										3.0
150			2.6										
170													
190													
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

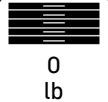

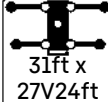
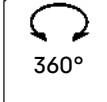
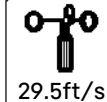
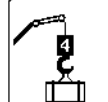
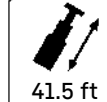

TVNZK: TV-69ft NZK-66ft












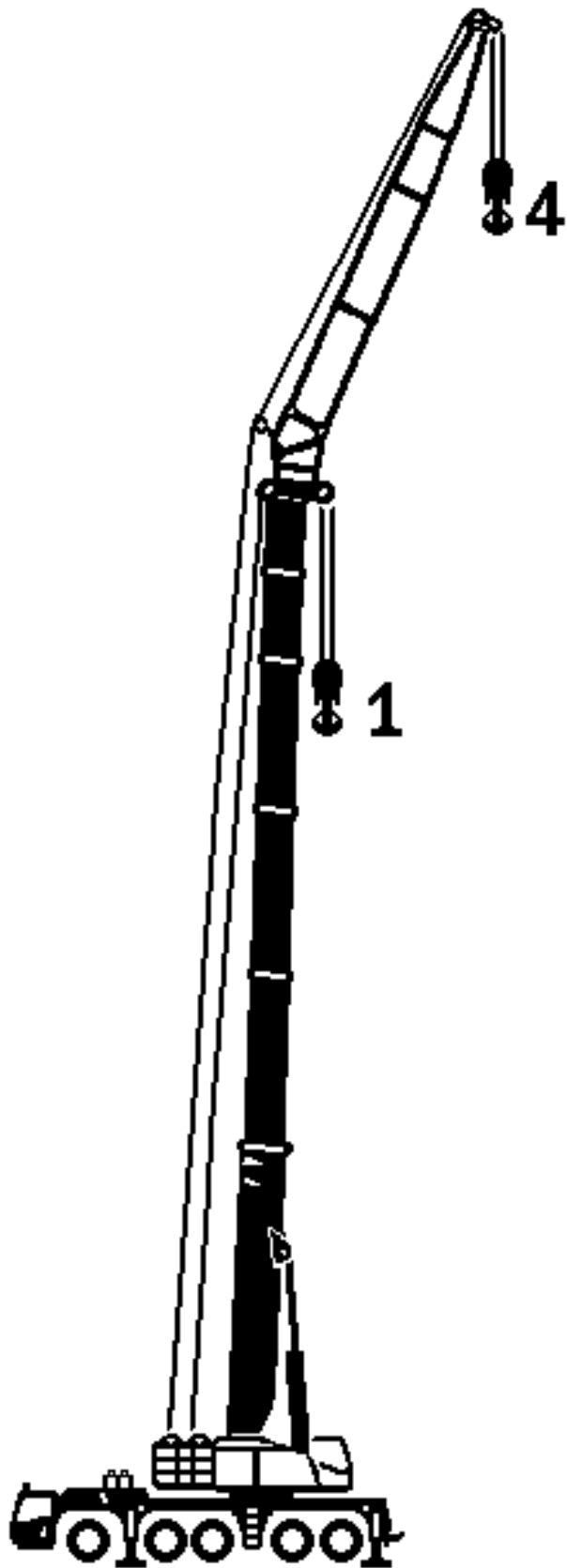
ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
20													
25													
30													
35													
40													
45													
50													
60	7.0			6.2				5.3			5.3		
70	6.8			6.2				5.3			5.3		
80	6.1			6.1				5.3			5.2		
90	4.0	6.2		5.1	5.8			5.3	5.2		3.4	5.4	
100		4.9	5.9		5.5			4.2	4.9			4.5	
110		2.9	5.1		4.0		5.3		4.5	4.5		2.4	4.8
120			3.4				4.2		3.2	4.3			3.1
130							2.5			3.5			
140													
150													
170													
190													

1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0	0.0	20.0	40.0

TVNZK: TV-69ft NZK-66ft

 0 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s		 41.5 ft	 1x n EST1
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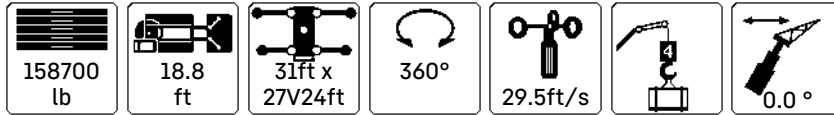
		x1000lb										
	ft											
		20	16.1									
	22	16.1										
	24	16.1										
	26	16.1										
	28	16.1										
	30	16.1										
	32	16.1										
	34	16.0										
	36	15.9										
	38	15.7										
	40	15.4										
	45	14.7	13.0									
	50	13.9	12.4									
	55	13.1	11.9									
	60	12.2	11.4	8.6								
	65	11.4	10.9	8.3								
	70	10.6	10.2	8.1								
	75	9.8	9.5	7.9								
	80	9.1	8.9	7.7								
	85	8.3	8.3	7.5								
	90	7.3	7.7	7.3								
	95	6.4	7.3	7.1								
	100	5.6	6.8	6.8								
	105	4.9	6.0	6.4								
	110	4.3	5.3	6.0								
	115	3.6	4.7	5.4								
	120	2.8	4.1	4.7								
	125		3.5	4.1								
	130		2.7	3.5								
	135			2.7								
	138			2.2								
	1	0+	0+	0+								
	2	0+	0+	0+								
	3	0+	0+	0+								
	4	0+	0+	0+								
	5	0+	0+	0+								
	6	0+	0+	0+								
	7	0+	0+	0+								
	°	0.0	20.0	40.0								



TNZF

TNZF: T NZF-26ft	922
TNZF: T NZF-49ft	973
TNZF: T NZF-72ft	1024
TNZF: T NZF-95ft	1075
TNZF: T NZF-118ft	1126
TNZF: T NZF-141ft	1167

TNZF: T NZF-26ft



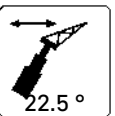
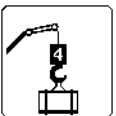
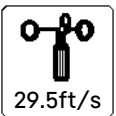
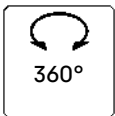
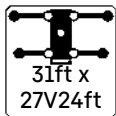
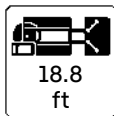
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	15	89.1											
	16	87.3											
	18	83.7											
	20	80.4											
	25	72.4											
	30	63.4	69.4	65.1	64.2								
	35	55.1	65.5	63.1	62.3	57.5	55.8						
	40	48.7	61.6	60.6	59.9	56.2	53.7	49.7	46.3	29.8	41.3	37.6	28.5
	45	43.5	58.1	57.5	56.8	54.4	50.6	47.8	43.8	28.4	40.6	36.5	27.5
	50	39.3	55.0	54.6	54.0	52.2	47.6	45.4	41.4	27.1	39.0	35.0	26.3
	60	32.9	49.1	49.5	49.0	47.6	42.2	40.9	37.1	24.5	35.5	32.2	24.1
	70		43.9	44.9	43.6	42.6	37.8	37.0	33.3	22.0	32.3	29.5	21.8
	80		39.8	40.8	38.8	38.1	33.7	33.5	29.9	19.8	29.4	26.8	19.8
	90		36.2	37.2	34.3	34.1	30.1	30.3	26.8	17.9	26.8	24.2	18.1
	100		33.1	33.3	30.4	30.3	26.8	27.3	24.0	16.2	24.2	21.7	16.4
	110		29.7	28.3	27.1	27.0	24.0	24.4	21.3	14.7	21.9	19.5	15.1
	120		25.2	23.8	24.3	23.1	21.4	21.8	19.1	13.4	19.7	17.3	13.8
	130		21.6	20.1	20.8	19.4	19.1	19.1	17.1	12.1	17.8	15.6	12.6
	140		18.5	17.1	17.7	16.3	17.1	16.0	15.3	10.9	16.0	13.9	11.4
	150		16.0	14.5	15.1	13.7	14.7	13.4	13.7	10.0	13.5	12.5	10.5
	170			6.2	6.8	9.5	10.4	9.2	10.2	8.4	9.3	10.1	8.9
	190							5.9	7.0	7.1	6.1	7.5	7.7
	210												4.4
	230												
	247												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	4x	3x	3x	3x	3x	3x	3x	2x	2x	2x	2x

TNZF: T NZF-26ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
15													
16													
18													
20													
25	52.3												
30	47.0												
35	42.7												
40	39.1	45.5	46.0	45.7									
45	36.2	43.4	43.9	43.7	43.2	42.5							
50	33.8	41.5	42.1	41.8	41.5	40.9	40.3	39.3	25.3				
60	30.3	38.1	38.8	38.6	38.5	38.0	37.6	36.7	23.0	35.3	30.9	22.7	
70		35.3	36.2	36.0	36.0	35.6	35.3	33.2	20.8	32.2	28.4	20.6	
80		33.0	33.9	33.7	33.9	32.9	33.0	29.9	18.8	29.4	25.9	18.8	
90		31.0	31.9	31.8	32.0	29.7	29.9	26.8	17.1	26.7	23.8	17.2	
100		29.2	30.2	30.0	29.8	26.6	27.0	23.9	15.6	24.1	21.7	15.8	
110		27.6	28.5	27.1	27.1	23.8	24.4	21.4	14.3	21.8	19.5	14.5	
120		25.9	24.8	24.3	24.1	21.4	22.0	19.1	13.1	19.7	17.5	13.4	
130		22.2	20.9	21.6	20.3	19.3	19.7	17.2	12.0	17.9	15.7	12.3	
140		18.9	17.7	18.3	17.1	17.3	16.8	15.4	10.9	16.2	14.1	11.4	
150		16.2	14.9	15.5	14.3	15.2	14.0	13.9	10.0	14.3	12.7	10.4	
170					9.8	10.7	9.5	10.6	8.4	9.7	10.2	9.0	
190							6.1	7.3	7.1	6.4	7.8	7.8	
210													
230													
247													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
15													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	29.7	25.5	22.1	24.6	21.5	16.3							
70	27.6	23.5	20.2	22.8	19.8	15.3							
80	25.4	21.7	18.5	21.2	18.3	14.2	18.1	14.5	14.2	13.5	13.3		
90	23.5	20.1	17.1	19.8	16.9	13.2	15.8	12.7	12.6	12.1	11.9		
100	21.5	18.7	15.7	18.4	15.7	12.2	14.8	11.9	11.8	11.4	11.2		
110	19.5	17.3	14.5	17.1	14.6	11.3	13.8	11.1	11.0	10.6	10.5		
120	17.7	15.8	13.5	15.8	13.6	10.5	12.9	10.3	10.3	10.1	9.9		
130	16.0	14.4	12.5	14.5	12.6	9.7	12.2	9.6	9.7	9.4	9.4		
140	14.5	13.0	11.5	13.2	11.8	8.9	11.4	8.9	9.2	8.8	8.7		
150	13.1	11.6	10.4	11.9	10.8	8.1	10.7	8.2	8.7	8.1	8.1		
170	9.9	9.5	8.5	9.9	9.0	6.6	9.2	6.8	7.7	6.9	6.8		
190	6.8	7.9	7.0	7.3	7.6	5.3	7.8	5.6	6.9	5.8	5.5		
210	4.0	5.5	5.7	4.5	6.1	4.1	5.3	4.5	5.6	4.7	4.0		
230				2.2	3.8	2.9	3.0	3.5	3.3	3.1	2.7		
247								2.3					

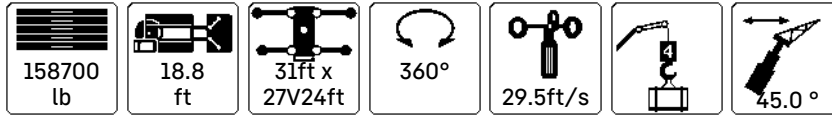
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	1x	2x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
15														
16														
18														
20														
25														
30		38.4												
35		35.9												
40		33.9												
45		32.3	35.4											
50		31.1	34.4	34.9	34.8	34.6	34.3							
60		30.3	32.5	33.0	32.9	32.9	32.6	32.4	32.0	21.9	32.1	30.0	21.5	
70			30.9	31.5	31.4	31.4	31.2	31.1	30.7	20.2	30.9	27.8	20.1	
80			29.6	30.2	30.1	30.2	30.0	29.9	29.5	18.5	29.5	25.5	18.4	
90			28.6	29.1	29.1	29.2	28.8	28.8	27.0	16.9	26.9	23.5	17.0	
100			27.7	28.3	28.2	28.2	26.6	27.0	24.1	15.4	24.3	21.7	15.6	
110			27.0	27.5	26.8	27.0	24.0	24.5	21.6	14.2	22.0	19.7	14.4	
120			26.2	25.3	24.6	24.6	21.6	22.2	19.3	13.1	19.9	17.8	13.3	
130			22.3	21.2	21.9	20.7	19.5	20.0	17.4	12.1	18.0	15.9	12.4	
140			18.9	17.8	18.4	17.3	17.6	17.2	15.6	11.1	16.4	14.3	11.5	
150				14.8	15.5	14.4	15.4	14.3	14.0	10.1	14.5	12.8	10.6	
170						9.6	10.5	9.5	10.6	8.5	9.8	10.3	9.1	
190											6.3	7.7	7.8	
210														
230														
247														
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	45+	90+	
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-26ft












		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	15												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	27.1	22.8	19.7	22.2	19.4	15.4	17.9	14.7				
	80	25.0	21.1	18.2	20.7	18.0	14.2	16.7	13.8	13.6	13.0	12.8	
	90	23.1	19.6	16.8	19.4	16.7	13.2	15.6	12.9	12.7	12.3	12.1	
	100	21.5	18.4	15.5	18.2	15.5	12.3	14.6	12.0	11.9	11.5	11.4	
	110	19.7	17.1	14.4	17.0	14.5	11.4	13.7	11.2	11.1	10.8	10.7	
	120	17.9	15.9	13.4	15.9	13.5	10.6	12.9	10.5	10.4	10.2	10.1	
	130	16.3	14.6	12.5	14.8	12.6	9.9	12.1	9.8	9.8	9.6	9.5	
	140	14.7	13.2	11.6	13.5	11.9	9.1	11.4	9.1	9.3	9.0	8.9	
	150	13.3	11.9	10.5	12.1	11.0	8.2	10.8	8.4	8.8	8.3	8.3	
	170	10.1	9.6	8.6	10.0	9.1	6.7	9.4	7.0	7.8	7.0	7.0	
	190	6.8	8.0	7.1	7.4	7.6	5.3	7.9	5.7	7.0	5.9	5.6	
	210				4.4	6.0	4.0	5.3	4.5	5.6	4.8	4.1	
	230							2.8	3.4	3.2	3.1	2.7	
	247												

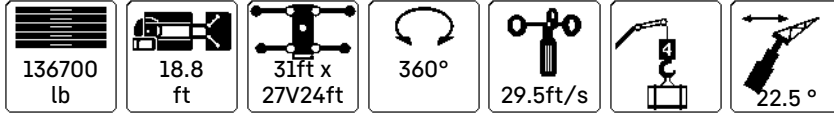
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	90.9											
	12	90.9											
	14	90.4											
	16	87.3											
	18	83.7											
	20	80.4											
	25	72.4											
	30	63.4	69.4	65.1	64.2								
	35	55.1	65.5	63.1	62.3	57.5	55.8						
	40	48.7	61.6	60.6	59.9	56.2	53.7	49.7	46.3	29.8	41.3	37.6	28.5
	45	43.5	58.1	57.5	56.8	54.4	50.6	47.8	43.8	28.4	40.6	36.5	27.5
	50	39.3	55.0	54.6	54.0	52.2	47.6	45.4	41.4	27.1	39.0	35.0	26.3
	60	32.9	49.1	49.5	49.0	47.6	42.2	40.9	37.1	24.5	35.5	32.2	24.1
	70		43.9	44.9	43.6	42.6	37.8	37.0	33.3	22.0	32.3	29.5	21.8
	80		39.8	40.8	38.8	38.1	33.7	33.5	29.9	19.8	29.4	26.8	19.8
	90		35.8	34.5	34.3	32.9	30.1	30.3	26.8	17.9	26.8	24.2	18.1
	100		29.7	28.3	29.0	27.5	26.8	26.4	24.0	16.2	24.2	21.7	16.4
	110		24.8	23.4	24.1	22.6	23.6	22.1	21.3	14.7	21.6	19.5	15.1
	120		20.8	19.4	20.1	18.6	19.6	18.3	19.1	13.4	18.3	17.3	13.8
	130		17.5	16.1	16.8	15.4	16.3	14.9	16.2	12.1	15.1	15.6	12.6
	140		14.8	13.4	14.0	12.5	13.5	12.1	13.3	10.9	12.3	13.7	11.4
	150		12.5	10.9	11.6	10.1	11.0	9.7	10.9	10.0	9.9	11.2	10.5
	170			6.2	6.8	6.5	7.5	6.2	7.4	8.4	6.4	7.8	8.9
	190							3.3	4.6	7.1	3.4	4.9	7.6
	210												4.4
	230												
	233												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	4x	3x	3x	3x	3x	3x	3x	2x	2x	2x	2x

TNZF: T NZF-26ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20	59.0												
25	52.3												
30	47.0												
35	42.7												
40	39.1	45.5	46.0	45.7									
45	36.2	43.4	43.9	43.7	43.2	42.5							
50	33.8	41.5	42.1	41.8	41.5	40.9	40.3	39.3	25.3				
60	30.3	38.1	38.8	38.6	38.5	38.0	37.6	36.7	23.0	35.3	30.9	22.7	
70		35.3	36.2	36.0	36.0	35.6	35.3	33.2	20.8	32.2	28.4	20.6	
80		33.0	33.9	33.7	33.9	32.9	33.0	29.9	18.8	29.4	25.9	18.8	
90		31.0	31.9	31.8	32.0	29.7	29.9	26.8	17.1	26.7	23.8	17.2	
100		29.2	29.7	30.0	28.9	26.6	27.0	23.9	15.6	24.1	21.7	15.8	
110		25.8	24.6	25.2	24.0	23.8	23.5	21.4	14.3	21.8	19.5	14.5	
120		21.6	20.4	21.0	19.8	20.7	19.5	19.1	13.1	19.4	17.5	13.4	
130		18.2	16.9	17.5	16.3	17.2	15.9	17.1	12.0	16.2	15.7	12.3	
140		15.2	14.0	14.6	13.2	14.2	12.9	14.1	10.9	13.1	14.1	11.4	
150		12.7	11.4	12.0	10.6	11.6	10.3	11.5	10.0	10.6	11.9	10.4	
170					6.8	7.7	6.6	7.8	8.4	6.9	8.2	9.0	
190							3.5	4.7	7.1	3.7	5.1	7.7	
210													
230													
233													

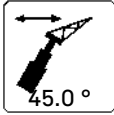
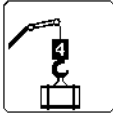
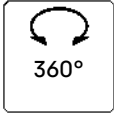
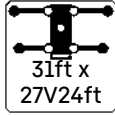
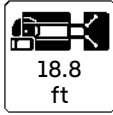
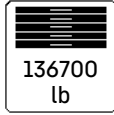
	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	45+	90+	0+	
	2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	29.7	25.5	22.1	24.6	21.5	16.3							
70	27.6	23.5	20.2	22.8	19.8	15.3	18.1	14.5	14.2	13.5	13.3		
80	25.4	21.7	18.5	21.2	18.3	14.2	16.9	13.6	13.4	12.8	12.6		
90	23.5	20.1	17.1	19.8	16.9	13.2	15.8	12.7	12.6	12.1	11.9		
100	21.5	18.7	15.7	18.4	15.7	12.2	14.8	11.9	11.8	11.4	11.2		
110	19.5	17.3	14.5	17.1	14.6	11.3	13.8	11.1	11.0	10.6	10.5		
120	17.7	15.8	13.5	15.8	13.6	10.5	12.9	10.3	10.3	10.1	9.9		
130	15.9	14.4	12.5	14.5	12.6	9.7	12.2	9.6	9.7	9.4	9.4		
140	13.4	13.0	11.5	13.2	11.8	8.9	11.4	8.9	9.2	8.8	8.7		
150	10.8	11.6	10.4	11.1	10.8	8.1	10.7	8.2	8.7	8.1	8.1		
170	7.2	8.5	8.5	7.6	8.8	6.6	8.2	6.8	7.7	6.9	6.8		
190	4.1	5.6	6.9	4.6	6.2	5.3	5.4	5.6	5.7	5.4	5.1		
210		3.1	4.5		3.7	4.1	2.9	3.9	3.2	3.0	2.8		
230						2.5							
233						2.3							
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	1x	2x	1x	1x	1x	1x	1x	1x	1x	

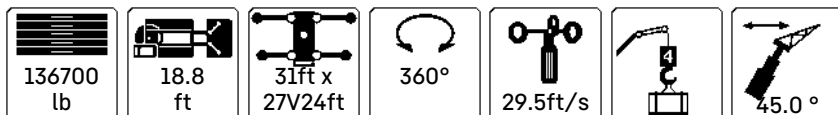
TNZF: T NZF-26ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	38.4												
35	35.9												
40	33.9												
45	32.3	35.4											
50	31.1	34.4	34.9	34.8	34.6	34.3							
60	30.3	32.5	33.0	32.9	32.9	32.6	32.4	32.0	21.9	32.1	30.0	21.5	
70		30.9	31.5	31.4	31.4	31.2	31.1	30.7	20.2	30.9	27.8	20.1	
80		29.6	30.2	30.1	30.2	30.0	29.9	29.5	18.5	29.5	25.5	18.4	
90		28.6	29.1	29.1	29.2	28.8	28.8	27.0	16.9	26.9	23.5	17.0	
100		27.7	28.3	28.2	28.2	26.6	27.0	24.1	15.4	24.3	21.7	15.6	
110		26.3	25.3	25.9	24.7	24.0	24.2	21.6	14.2	22.0	19.7	14.4	
120		22.0	20.9	21.5	20.3	21.2	20.2	19.3	13.1	19.9	17.8	13.3	
130		18.3	17.2	17.8	16.7	17.6	16.5	17.3	12.1	16.7	15.9	12.4	
140		15.2	14.1	14.7	13.5	14.4	13.3	14.4	11.1	13.6	14.3	11.5	
150			11.3	12.0	10.8	11.7	10.6	11.7	10.1	10.9	12.2	10.6	
170					6.6	7.5	6.6	7.8	8.5	7.0	8.3	9.1	
190									3.6	5.0	7.7		
210													
230													
233													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

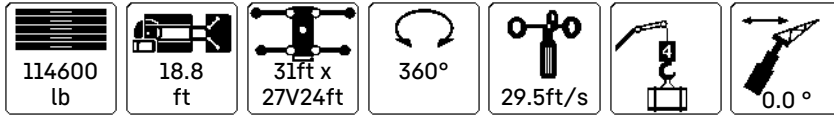
TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	27.1	22.8	19.7	22.2	19.4	15.4	17.9	14.7					
80	25.0	21.1	18.2	20.7	18.0	14.2	16.7	13.8	13.6	13.0	12.8		
90	23.1	19.6	16.8	19.4	16.7	13.2	15.6	12.9	12.7	12.3	12.1		
100	21.5	18.4	15.5	18.2	15.5	12.3	14.6	12.0	11.9	11.5	11.4		
110	19.7	17.1	14.4	17.0	14.5	11.4	13.7	11.2	11.1	10.8	10.7		
120	17.9	15.9	13.4	15.9	13.5	10.6	12.9	10.5	10.4	10.2	10.1		
130	16.3	14.6	12.5	14.8	12.6	9.9	12.1	9.8	9.8	9.6	9.5		
140	13.9	13.2	11.6	13.5	11.9	9.1	11.4	9.1	9.3	9.0	8.9		
150	11.2	11.9	10.5	11.6	11.0	8.2	10.8	8.4	8.8	8.3	8.3		
170	7.4	8.6	8.6	7.8	9.0	6.7	8.5	7.0	7.8	7.0	7.0		
190	4.1	5.6	7.0	4.7	6.2	5.3	5.6	5.7	5.9	5.6	5.4		
210					3.6	4.0	2.9	3.9	3.2	3.1	2.9		
230													
233													

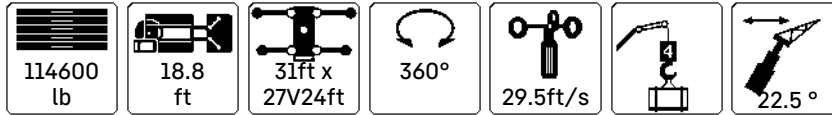
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10	90.9												
12	90.9												
14	90.4												
16	87.3												
18	83.7												
20	80.4												
25	72.4												
30	63.4	69.4	65.1	64.2									
35	55.1	65.5	63.1	62.3	57.5	55.8							
40	48.7	61.6	60.6	59.9	56.2	53.7	49.7	46.3	29.8	41.3	37.6	28.5	
45	43.5	58.1	57.5	56.8	54.4	50.6	47.8	43.8	28.4	40.6	36.5	27.5	
50	39.3	55.0	54.6	54.0	52.2	47.6	45.4	41.4	27.1	39.0	35.0	26.3	
60	32.9	49.1	49.5	49.0	47.6	42.2	40.9	37.1	24.5	35.5	32.2	24.1	
70		43.9	42.7	43.1	40.8	37.8	36.9	33.3	22.0	32.3	29.5	21.8	
80		37.0	34.7	35.5	33.1	33.5	31.7	29.9	19.8	29.4	26.8	19.8	
90		30.0	28.5	29.2	27.0	28.0	25.9	26.6	17.9	25.4	24.2	18.1	
100		24.4	23.1	23.7	22.2	23.2	21.2	22.4	16.2	20.8	21.7	16.4	
110		20.1	18.7	19.4	17.9	18.9	17.3	18.6	14.7	17.2	18.6	15.1	
120		16.5	15.1	15.8	14.2	15.2	13.8	15.0	13.4	14.0	15.4	13.8	
130		13.6	12.0	12.7	11.2	12.1	10.8	12.0	12.1	11.0	12.4	12.6	
140		11.1	9.6	10.2	8.9	9.7	8.6	9.6	10.9	8.7	9.9	11.4	
150		9.2	7.7	8.3	6.9	7.9	6.6	7.8	10.0	6.8	8.1	10.4	
170			4.4	5.1	3.6	4.6	3.2	4.5	8.2	3.5	4.9	7.5	
190									5.8		2.3	5.0	
210												3.1	
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		4x	4x	3x	3x	3x	3x	3x	3x	2x	2x	2x	2x

TNZF: T NZF-26ft



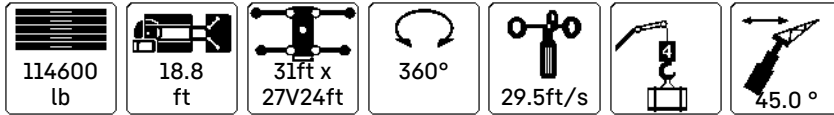
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20	59.0											
	25	52.3											
	30	47.0											
	35	42.7											
	40	39.1	45.5	46.0	45.7								
	45	36.2	43.4	43.9	43.7	43.2	42.5						
	50	33.8	41.5	42.1	41.8	41.5	40.9	40.3	39.3	25.3			
	60	30.3	38.1	38.8	38.6	38.5	38.0	37.6	36.7	23.0	35.3	30.9	22.7
	70		35.3	36.2	36.0	36.0	35.6	35.3	33.2	20.8	32.2	28.4	20.6
	80		33.0	33.9	33.7	33.7	32.9	32.7	29.9	18.8	29.4	25.9	18.8
	90		30.7	30.2	30.8	28.7	29.5	27.6	26.8	17.1	26.5	23.8	17.2
	100		25.7	24.5	25.1	23.7	24.6	22.7	23.6	15.6	22.4	21.7	15.8
	110		21.1	19.9	20.5	19.2	20.1	18.7	19.8	14.3	18.5	19.4	14.5
	120		17.4	16.1	16.7	15.3	16.2	14.9	16.1	13.1	15.1	16.5	13.4
	130		14.2	12.8	13.4	12.1	13.0	11.7	12.9	12.0	12.0	13.3	12.3
	140		11.5	10.1	10.7	9.5	10.3	9.2	10.2	10.9	9.4	10.7	11.4
	150		9.4	8.1	8.7	7.5	8.4	7.3	8.4	10.0	7.6	8.7	10.4
	170					3.9	4.8	3.7	4.9	8.4	4.0	5.4	7.8
	190									5.9		2.5	5.3
	210												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZF: T NZF-26ft



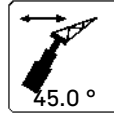
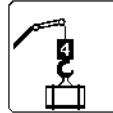
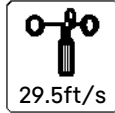
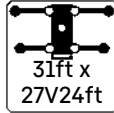
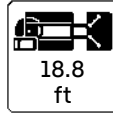
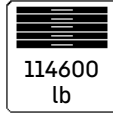
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	29.7	25.5	22.1	24.6	21.5	16.3							
70	27.6	23.5	20.2	22.8	19.8	15.3	18.1	14.5	14.2	13.5	13.3		
80	25.4	21.7	18.5	21.2	18.3	14.2	16.9	13.6	13.4	12.8	12.6		
90	23.5	20.1	17.1	19.8	16.9	13.2	15.8	12.7	12.6	12.1	11.9		
100	21.5	18.7	15.7	18.4	15.7	12.2	14.8	11.9	11.8	11.4	11.2		
110	18.2	17.3	14.5	17.1	14.6	11.3	13.8	11.1	11.0	10.6	10.5		
120	15.0	15.8	13.5	14.9	13.6	10.5	12.9	10.3	10.3	10.1	9.9		
130	12.2	13.7	12.5	12.3	12.6	9.7	12.1	9.6	9.7	9.4	9.4		
140	9.6	11.0	11.5	10.0	11.3	8.9	10.6	8.9	9.2	8.8	8.7		
150	7.8	9.0	10.1	8.1	9.3	8.1	8.7	8.2	8.5	8.1	7.8		
170	4.3	5.8	7.1	4.8	6.3	6.6	5.5	6.4	5.5	5.2	5.0		
190		3.0	4.4		3.6	4.6	2.8	3.8	3.0	2.8	2.5		
210						2.3							
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	1x	2x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	38.4											
	35	35.9											
	40	33.9											
	45	32.3	35.4										
	50	31.1	34.4	34.9	34.8	34.6	34.3						
	60	30.3	32.5	33.0	32.9	32.9	32.6	32.4	32.0	21.9	32.1	30.0	21.5
	70		30.9	31.5	31.4	31.4	31.2	31.1	30.7	20.2	30.9	27.8	20.1
	80		29.6	30.2	30.1	30.2	30.0	29.9	29.5	18.5	29.5	25.5	18.4
	90		28.6	29.1	29.1	29.2	28.8	28.6	27.0	16.9	26.9	23.5	17.0
	100		26.4	25.4	26.0	24.7	25.6	23.9	24.1	15.4	23.5	21.7	15.6
	110		21.6	20.6	21.2	19.9	20.8	19.6	20.7	14.2	19.4	19.7	14.4
	120		17.7	16.5	17.1	15.9	16.8	15.6	16.8	13.1	15.9	17.2	13.3
	130		14.3	13.1	13.7	12.5	13.4	12.3	13.4	12.1	12.6	13.9	12.4
	140		11.4	10.3	10.9	9.7	10.6	9.6	10.6	11.1	9.8	11.1	11.5
	150			8.1	8.7	7.6	8.5	7.5	8.5	10.1	7.9	8.9	10.6
	170					3.6	4.6	3.7	4.9	8.4	4.1	5.5	7.9
	190											2.4	5.2
	210												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x










TNZF: T NZF-26ft



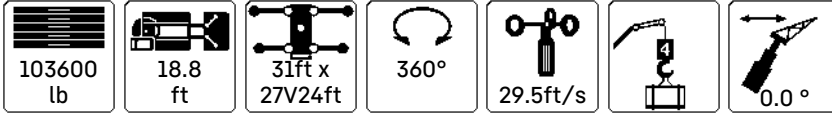
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	27.1	22.8	19.7	22.2	19.4	15.4	17.9	14.7					
80	25.0	21.1	18.2	20.7	18.0	14.2	16.7	13.8	13.6	13.0	12.8		
90	23.1	19.6	16.8	19.4	16.7	13.2	15.6	12.9	12.7	12.3	12.1		
100	21.5	18.4	15.5	18.2	15.5	12.3	14.6	12.0	11.9	11.5	11.4		
110	19.1	17.1	14.4	17.0	14.5	11.4	13.7	11.2	11.1	10.8	10.7		
120	15.8	15.9	13.4	15.7	13.5	10.6	12.9	10.5	10.4	10.2	10.1		
130	12.8	14.1	12.5	13.0	12.6	9.9	12.1	9.8	9.8	9.6	9.5		
140	10.1	11.4	11.6	10.4	11.7	9.1	11.2	9.1	9.3	9.0	8.9		
150	8.1	9.2	10.4	8.4	9.7	8.2	9.1	8.4	8.8	8.3	8.2		
170	4.5	6.0	7.2	5.1	6.5	6.7	5.8	6.7	5.8	5.6	5.3		
190		3.0	4.4		3.7	4.7	3.0	4.0	3.2	3.0	2.7		
210						2.3							
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	90.9											
	12	90.9											
	14	90.4											
	16	87.3											
	18	83.7											
	20	80.4											
	25	72.4											
	30	63.4	69.4	65.1	64.2								
	35	55.1	65.5	63.1	62.3	57.5	55.8						
	40	48.7	61.6	60.6	59.9	56.2	53.7	49.7	46.3	29.8	41.3	37.6	28.5
	45	43.5	58.1	57.5	56.8	54.4	50.6	47.8	43.8	28.4	40.6	36.5	27.5
	50	39.3	55.0	54.6	54.0	52.2	47.6	45.4	41.4	27.1	39.0	35.0	26.3
	60	32.9	49.1	48.2	49.0	46.2	42.2	40.9	37.1	24.5	35.5	32.2	24.1
	70		40.9	38.4	39.2	36.6	37.5	35.3	33.3	22.0	32.3	29.5	21.8
	80		33.2	31.0	31.7	29.4	30.6	28.3	29.2	19.8	27.6	26.8	19.8
	90		26.8	25.2	25.9	23.7	24.9	22.8	24.1	17.9	22.4	23.7	18.1
	100		21.7	20.3	20.9	19.2	20.3	18.4	19.7	16.2	18.1	19.6	16.4
	110		17.6	16.1	16.8	15.2	16.2	14.7	16.0	14.7	14.7	16.1	15.1
	120		14.2	12.7	13.3	11.8	12.8	11.4	12.6	13.4	11.6	13.0	13.8
	130		11.3	9.9	10.5	9.2	10.0	8.9	9.8	12.1	9.0	10.2	12.6
	140		9.2	7.8	8.5	7.1	8.0	6.8	7.9	10.9	7.0	8.2	10.6
	150		7.4	5.9	6.6	5.1	6.1	4.8	6.1	9.5	5.1	6.5	8.8
	170			2.9	3.6		3.0		2.9	6.8		3.3	6.1
	190									4.4			3.7
	205												2.2
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	4x	3x	3x	3x	3x	3x	3x	2x	2x	2x	2x

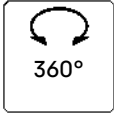
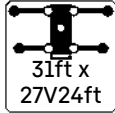
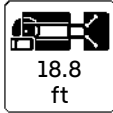
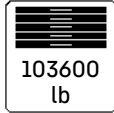
TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	33.5	30.2	26.1			17.9							
50	32.9	29.2	25.2			17.5	20.6	16.2	15.7	14.7			
60	30.8	27.1	23.3	25.8	24.2	16.6	19.9	15.5	15.1	14.2	13.9		
70	28.3	25.1	21.3	24.1	20.9	15.5	18.8	14.7	14.4	13.6	13.3		
80	25.7	23.1	19.5	22.4	19.3	14.5	17.6	13.8	13.6	12.9	12.7		
90	21.9	21.1	17.9	20.6	17.8	13.4	16.5	12.9	12.7	12.2	12.0		
100	17.7	19.3	16.5	17.6	16.4	12.4	15.4	12.0	11.9	11.5	11.3		
110	14.4	16.0	15.1	14.3	15.2	11.5	14.3	11.2	11.2	10.8	10.6		
120	11.6	13.2	13.9	11.6	13.2	10.5	12.1	10.4	10.4	10.1	9.9		
130	9.1	10.5	11.9	9.3	10.9	9.6	9.8	9.5	9.5	9.1	9.0		
140	7.2	8.5	9.6	7.3	8.8	8.7	7.9	8.6	7.8	7.4	7.1		
150	5.3	6.8	8.0	5.6	7.2	7.9	6.2	7.1	6.1	5.8	5.5		
170		3.7	5.1	2.5	4.3	5.3	3.3	4.3	3.3	3.0	2.7		
190			2.7			2.8							
205													

	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-26ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	38.4												
35	35.9												
40	33.9												
45	32.3	35.4											
50	31.1	34.4	34.9	34.8	34.6	34.3							
60	30.3	32.5	33.0	32.9	32.9	32.6	32.4	32.0	21.9	32.1	30.0	21.5	
70		30.9	31.5	31.4	31.4	31.2	31.1	30.7	20.2	30.9	27.8	20.1	
80		29.6	30.2	30.1	30.2	30.0	29.9	29.5	18.5	29.5	25.5	18.4	
90		28.3	28.1	28.8	26.9	27.7	25.9	27.0	16.9	25.5	23.5	17.0	
100		23.7	22.6	23.2	21.9	22.8	21.1	22.2	15.4	20.8	21.7	15.6	
110		19.1	18.0	18.5	17.3	18.2	17.0	18.1	14.2	16.9	18.2	14.4	
120		15.3	14.1	14.7	13.5	14.4	13.2	14.3	13.1	13.5	14.8	13.3	
130		12.1	10.9	11.5	10.3	11.2	10.1	11.2	12.1	10.3	11.6	12.4	
140		9.5	8.5	9.0	8.1	8.8	7.9	8.8	11.1	8.2	9.2	11.4	
150			6.3	6.9	5.9	6.8	5.8	6.9	10.0	6.2	7.4	9.5	
170							3.1		3.3	7.1	2.5	3.9	6.6
190													3.8
205													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60													
70	27.1	22.8	19.7	22.2	19.4	15.4	17.9	14.7					
80	25.0	21.1	18.2	20.7	18.0	14.2	16.7	13.8	13.6	13.0	12.8		
90	23.1	19.6	16.8	19.4	16.7	13.2	15.6	12.9	12.7	12.3	12.1		
100	20.4	18.4	15.5	18.2	15.5	12.3	14.6	12.0	11.9	11.5	11.4		
110	16.7	17.1	14.4	16.4	14.5	11.4	13.7	11.2	11.1	10.8	10.7		
120	13.5	15.0	13.4	13.5	13.5	10.6	12.9	10.5	10.4	10.2	10.1		
130	10.6	12.0	12.5	10.9	12.2	9.9	11.4	9.8	9.8	9.6	9.5		
140	8.4	9.5	10.7	8.7	9.9	9.1	9.3	9.1	9.0	8.9	8.5		
150	6.5	7.7	8.8	6.8	8.1	8.2	7.4	8.2	7.4	7.1	6.8		
170	3.0	4.5	5.8	3.5	5.1	6.0	4.2	5.1	4.3	4.0	3.8		
190			3.0		2.3	3.3		2.6					
205													

%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

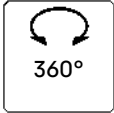
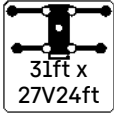
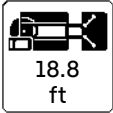
TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	33.5	30.2	26.1			17.9							
50	32.9	29.2	25.2	27.1	24.2	17.5	20.6	16.2	15.7	14.7			
60	30.8	27.1	23.3	25.8	22.6	16.6	19.9	15.5	15.1	14.2	13.9		
70	28.3	25.1	21.3	24.1	20.9	15.5	18.8	14.7	14.4	13.6	13.3		
80	23.7	23.1	19.5	22.4	19.3	14.5	17.6	13.8	13.6	12.9	12.7		
90	19.0	20.4	17.9	18.7	17.8	13.4	16.5	12.9	12.7	12.2	12.0		
100	15.2	16.7	16.5	15.0	16.2	12.4	15.0	12.0	11.9	11.5	11.3		
110	12.1	13.6	14.9	12.0	13.7	11.5	12.4	11.2	11.1	10.8	10.6		
120	9.4	10.9	12.4	9.5	11.1	10.5	10.0	10.4	9.8	9.4	9.0		
130	7.1	8.7	9.9	7.3	9.0	9.6	7.9	8.7	7.7	7.4	7.1		
140	5.1	6.9	8.0	5.4	7.1	8.1	6.0	6.9	6.0	5.6	5.3		
150	3.4	5.2	6.5	3.7	5.5	6.5	4.4	5.4	4.4	4.1	3.8		
170			3.7		2.7	3.8		2.7					
190													
197													

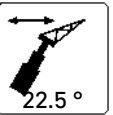
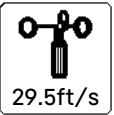
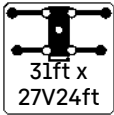
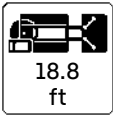
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
ft													
	10												
	12												
	14												
	16												
	18												
	20	59.0											
	25	52.3											
	30	47.0											
	35	42.7											
	40	39.1	45.5	46.0	45.7								
	45	36.2	43.4	43.9	43.7	43.2	42.5						
	50	33.8	41.5	42.1	41.8	41.5	40.9	40.3	39.3	25.3			
	60	30.3	38.1	38.8	38.6	38.5	38.0	37.6	36.7	23.0	35.3	30.9	22.7
	70		35.3	35.7	35.7	35.0	35.6	33.9	33.2	20.8	32.2	28.4	20.6
	80		31.4	29.3	30.0	27.9	29.0	27.0	28.1	18.8	26.4	25.9	18.8
	90		25.3	23.6	24.3	22.3	23.4	21.5	22.7	17.1	21.2	22.5	17.2
	100		20.2	18.9	19.5	17.9	18.9	17.2	18.4	15.6	17.0	18.4	15.8
	110		16.0	14.7	15.3	13.9	14.9	13.5	14.7	14.3	13.6	14.9	14.5
	120		12.6	11.3	11.9	10.6	11.5	10.2	11.3	13.1	10.4	11.8	13.4
	130		9.9	8.8	9.3	8.2	8.9	7.9	8.8	12.0	8.1	9.2	11.6
	140		7.9	6.6	7.2	6.0	6.9	5.8	6.9	10.0	5.9	7.3	9.4
	150		5.9	4.6	5.3	4.0	5.0	3.8	5.0	8.4	4.1	5.5	7.8
	170									5.7			5.0
	190									3.2			2.6
	197												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZF: T NZF-26ft



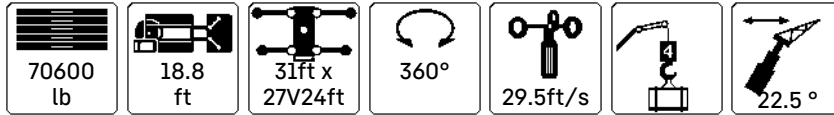
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	29.7	25.5	22.1	24.6	21.5	16.3							
70	27.6	23.5	20.2	22.8	19.8	15.3	18.1	14.5	14.2	13.5	13.3		
80	25.3	21.7	18.5	21.2	18.3	14.2	16.9	13.6	13.4	12.8	12.6		
90	20.7	20.1	17.1	19.8	16.9	13.2	15.8	12.7	12.6	12.1	11.9		
100	16.7	18.0	15.7	16.5	15.7	12.2	14.8	11.9	11.8	11.4	11.2		
110	13.4	14.8	14.5	13.3	14.4	11.3	13.5	11.1	11.0	10.6	10.5		
120	10.6	12.0	13.2	10.6	12.1	10.5	11.1	10.3	10.2	9.9	9.9		
130	8.2	9.5	10.7	8.3	9.8	9.7	8.8	9.6	8.7	8.4	8.1		
140	6.0	7.6	8.7	6.3	7.9	8.7	6.9	7.8	6.8	6.5	6.2		
150	4.2	5.9	7.1	4.5	6.2	7.1	5.2	6.1	5.2	4.9	4.6		
170		2.8	4.2		3.3	4.3		3.3	2.4				
190													
197													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	2x	2x	1x	2x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-26ft



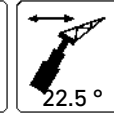
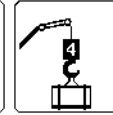
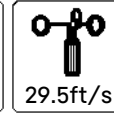
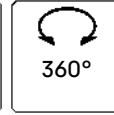
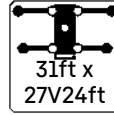
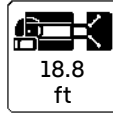
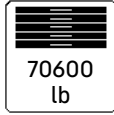
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	33.5	30.2	26.1			17.9						
	50	32.9	29.2	25.2	27.1	24.2	17.5	20.6	16.2	15.7	14.7		
	60	29.0	27.1	23.3	25.8	22.6	16.6	19.9	15.5	15.1	14.2	13.9	
	70	22.3	23.9	21.3	21.8	20.9	15.5	18.8	14.7	14.4	13.6	13.3	
	80	17.2	18.8	19.4	16.9	18.6	14.5	17.1	13.8	13.6	12.9	12.7	
	90	13.2	14.8	16.3	13.0	14.7	13.4	13.4	12.8	12.7	12.1	11.9	
	100	9.8	11.5	13.0	9.9	11.6	12.4	10.4	11.2	10.1	9.6	9.3	
	110	7.0	8.8	10.3	7.3	9.0	10.0	7.8	8.7	7.6	7.2	6.9	
	120	4.7	6.5	8.1	5.0	6.8	7.8	5.7	6.6	5.6	5.2	4.9	
	130	2.5	4.5	6.1	2.9	4.9	5.9	3.8	4.8	3.8	3.4	3.1	
	140		2.6	4.4		3.1	4.3		3.2				
	150			2.8			2.8						
	170												
	183												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



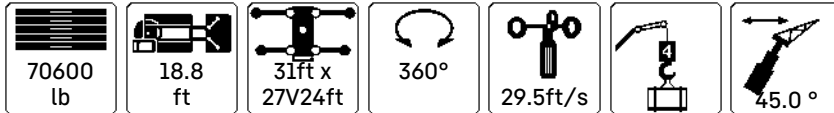
ft	x1000lb													
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6		
10														
12														
14														
16														
18														
20	59.0													
25	52.3													
30	47.0													
35	42.7													
40	39.1	45.5	46.0	45.7										
45	36.2	43.4	43.9	43.7	43.2	42.5								
50	33.8	41.5	42.1	41.8	41.5	40.9	40.3	39.3	25.3					
60	30.3	38.0	36.7	37.4	35.0	36.1	33.8	35.1	23.0	33.1	30.9	22.7		
70		30.4	28.4	29.1	26.8	27.9	25.9	27.2	20.8	25.5	26.8	20.6		
80		24.0	22.0	22.7	20.7	21.8	19.9	21.2	18.8	19.7	21.0	18.8		
90		18.9	17.1	17.8	15.9	16.9	15.1	16.5	17.1	15.2	16.6	17.2		
100		14.4	13.0	13.6	12.0	13.1	11.4	12.7	15.6	11.4	13.0	15.4		
110		10.8	9.6	10.1	8.9	9.8	8.3	9.6	13.4	8.4	9.9	12.6		
120		8.3	7.2	7.7	6.3	7.3	5.7	7.0	10.4	5.8	7.4	9.8		
130		6.1	4.9	5.5	4.0	5.1	3.5	4.9	8.4	3.6	5.2	7.8		
140		4.1	2.8	3.5		3.2		2.9	6.8		3.3	6.2		
150		2.4							5.4			4.7		
170									2.6					
183														
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	
	%	5	0+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	
	%	6	0+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	
	%	7	0+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	
	n	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x	

TNZF: T NZF-26ft



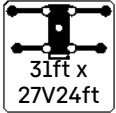
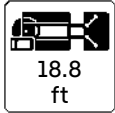
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60	29.7	25.5	22.1	24.6	21.5	16.3						
70	24.7	23.5	20.2	22.8	19.8	15.3	18.1	14.5	14.2	13.5	13.3	
80	19.2	20.6	18.5	18.8	18.3	14.2	16.9	13.6	13.4	12.8	12.6	
90	14.9	16.4	16.9	14.7	16.2	13.2	14.9	12.7	12.6	12.1	11.9	
100	11.4	12.9	14.3	11.3	12.9	12.2	11.8	11.7	11.4	10.9	10.7	
110	8.4	10.0	11.4	8.6	10.1	11.1	9.1	9.9	8.9	8.5	8.2	
120	5.9	7.6	9.0	6.2	7.8	8.8	6.8	7.6	6.7	6.3	6.0	
130	3.7	5.5	7.0	4.1	5.8	6.8	4.9	5.7	4.8	4.5	4.2	
140		3.6	5.2		4.0	5.1	3.0	4.1	3.2	2.7	2.4	
150			3.6		2.3	3.6		2.4				
170												
183												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
n	EST1	2x	2x	1x	2x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-26ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	38.4											
	35	35.9											
	40	33.9											
	45	32.3	35.4										
	50	31.1	34.4	34.9	34.8	34.6	34.3						
	60	30.3	32.5	33.0	32.9	32.9	32.6	32.4	32.0	21.9	32.1	30.0	21.5
	70		30.9	30.3	30.9	28.9	29.8	27.9	29.2	20.2	27.5	27.8	20.1
	80		25.4	23.6	24.2	22.3	23.3	21.5	22.8	18.5	21.4	22.6	18.4
	90		19.9	18.3	19.0	17.2	18.2	16.5	17.8	16.9	16.6	17.9	17.0
	100		15.1	13.9	14.5	13.1	14.1	12.5	13.8	15.4	12.6	14.0	15.6
	110		11.3	10.2	10.7	9.6	10.4	9.2	10.4	13.8	9.3	10.8	13.3
	120		8.6	7.6	8.1	6.9	7.8	6.4	7.7	11.0	6.6	8.1	10.3
	130		6.3	5.2	5.8	4.5	5.6	4.1	5.4	8.8	4.3	5.8	8.2
	140		4.1	2.9	3.6		3.5		3.3	7.0		3.8	6.5
	150									5.5			5.0
	170									2.6			
	183												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-26ft



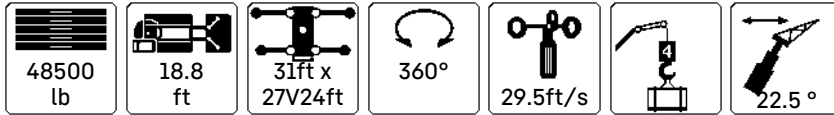
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45		32.5	30.2	26.1			17.9						
50		28.2	28.9	25.2	26.9	24.2	17.5	20.6	16.2	15.7	14.7		
60		20.5	22.2	23.1	19.9	21.6	16.6	19.4	15.5	15.1	14.2	13.9	
70		14.9	16.6	18.1	14.6	16.3	15.5	14.7	14.7	14.1	13.5	13.0	
80		10.5	12.3	13.9	10.5	12.2	13.2	10.9	11.7	10.5	10.0	9.7	
90		7.0	8.9	10.5	7.2	9.0	10.0	7.8	8.6	7.5	7.1	6.8	
100		4.2	6.0	7.7	4.4	6.4	7.4	5.3	6.2	5.1	4.7	4.4	
110			3.5	5.4		4.0	5.3	2.6	4.0		2.2		
120				3.3			3.2						
130													
140													
150													
156													
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	n	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-26ft



		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
	10													
	12													
	14													
	16													
	18													
	20	59.0												
	25	52.3												
	30	47.0												
	35	42.7												
	40	39.1	45.5	46.0	45.7									
	45	36.2	43.4	42.9	43.3	41.2	41.9							
	50	33.8	39.4	36.9	37.6	35.1	36.1	33.7	35.0	25.3				
	60	30.3	29.2	27.0	27.7	25.5	26.5	24.4	25.8	23.0	24.2	25.5	22.7	
	70		22.0	20.0	20.7	18.6	19.7	17.8	19.1	20.8	17.6	19.2	20.6	
	80		16.6	14.7	15.4	13.5	14.5	12.8	14.1	18.4	12.7	14.2	17.1	
	90		12.3	10.6	11.3	9.5	10.5	8.8	10.1	14.5	8.9	10.4	13.4	
	100		8.8	7.3	8.0	6.2	7.3	5.6	7.0	11.1	5.8	7.3	10.3	
	110		6.3	4.6	5.3	3.4	4.6	2.7	4.3	8.5	2.9	4.7	7.8	
	120		4.0		2.8					6.6			5.6	
	130									4.8			3.8	
	140									3.2				
	150													
	156													
	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x

TNZF: T NZF-26ft



ft		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60		23.3	24.6	22.1	22.5	21.5	16.3						
70		17.3	18.7	19.8	16.8	18.3	15.3	16.9	14.5	14.2	13.5	13.3	
80		12.6	14.1	15.5	12.4	14.0	14.2	12.7	13.3	12.3	11.8	11.4	
90		8.9	10.5	12.0	9.0	10.5	11.4	9.4	10.1	9.1	8.6	8.3	
100		5.8	7.5	9.0	6.0	7.7	8.7	6.7	7.5	6.5	6.1	5.8	
110		3.1	5.0	6.5	3.4	5.3	6.4	4.4	5.3	4.3	3.9	3.6	
120			2.5	4.4		3.1	4.4		3.3				
130				2.4			2.3						
140													
150													
156													

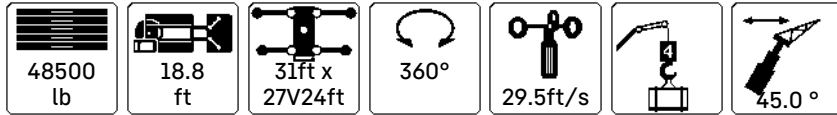
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-26ft



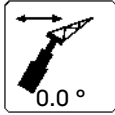
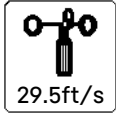
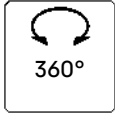
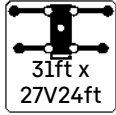
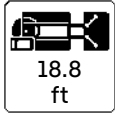
		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	ft												
	10												
12													
14													
16													
18													
20													
25													
30		38.4											
35		35.9											
40		33.9											
45		32.3	35.4										
50		31.1	34.4	34.9	34.8	34.6	34.3						
60		30.3	31.4	29.5	30.1	28.0	28.9	27.0	28.2	21.9	26.7	27.9	21.5
70			23.7	21.9	22.6	20.6	21.6	19.8	21.0	20.2	19.7	21.1	20.1
80			17.9	16.2	16.9	15.1	16.1	14.4	15.6	18.5	14.4	15.8	18.2
90			13.3	11.8	12.4	10.7	11.7	10.1	11.4	15.6	10.2	11.7	14.4
100			9.5	8.2	8.9	7.2	8.3	6.7	8.0	11.9	6.9	8.3	11.2
110			6.8	5.3	6.0	4.4	5.4	3.8	5.2	9.0	4.0	5.6	8.5
120			4.4	2.5	3.5		2.8		2.6	7.0		3.2	6.2
130										5.2			4.3
140										3.5			2.4
150													
156													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-26ft



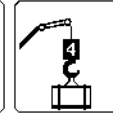
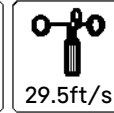
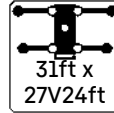
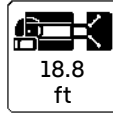
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
10												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70		19.2	20.5	19.7	18.7	19.4	15.4	17.8	14.7			
80		14.3	15.6	16.9	14.0	15.4	14.2	14.2	13.8	13.6	12.8	12.5
90		10.2	11.7	13.1	10.2	11.7	12.6	10.6	11.3	10.3	9.9	9.6
100		6.9	8.5	10.0	7.2	8.7	9.6	7.7	8.4	7.5	7.1	6.8
110		4.2	5.9	7.4	4.5	6.2	7.2	5.3	6.1	5.2	4.8	4.5
120			3.5	5.1		4.0	5.1	2.9	4.1	3.0	2.7	
130				3.1			3.2					
140												
150												
156												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-26ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10	90.9											
	12	90.9											
	14	90.4											
	16	87.3											
	18	83.7											
	20	80.4											
	25	72.4											
	30	63.4	64.5	59.9	60.8								
	35	55.1	52.2	48.4	49.3	45.6	46.9						
	40	48.7	42.9	39.7	40.5	37.3	38.5	35.6	37.2	29.8	34.7	35.9	28.5
	45	43.5	35.7	32.9	33.7	30.8	32.0	29.3	30.9	28.4	28.7	30.5	27.5
	50	39.3	30.0	27.4	28.2	25.6	26.8	24.3	25.8	27.1	23.9	25.6	26.3
	60	29.3	21.6	19.2	20.0	17.7	18.9	16.7	18.2	23.2	16.5	18.2	21.5
	70		15.5	13.4	14.2	12.0	13.2	11.2	12.6	17.6	11.1	12.8	16.2
	80		11.0	9.0	9.8	7.8	8.9	7.0	8.5	13.3	7.0	8.7	12.1
	90		7.5	5.6	6.4	4.3	5.6	3.4	5.2	10.0	3.6	5.5	8.8
	100		4.8	2.4	3.4		2.3			7.3		2.4	6.2
	110									5.1			4.0
	120									3.2			
	130												
	140												
	145												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	3x	3x	3x	2x	3x	2x	2x	2x	2x	2x	2x

TNZF: T NZF-26ft



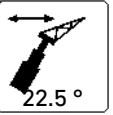
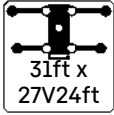
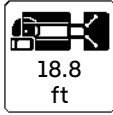
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	27.7	29.3	26.1			17.9						
	50	23.2	24.8	25.2	22.2	23.8	17.5	20.4	16.2	15.7	14.7		
	60	16.2	17.9	19.5	15.8	17.5	16.6	15.8	15.4	15.1	14.0	13.5	
	70	11.0	12.9	14.4	11.0	12.7	13.6	11.3	12.0	10.8	10.3	9.9	
	80	7.0	8.9	10.6	7.2	9.1	10.0	7.8	8.6	7.5	7.0	6.6	
	90	3.5	5.7	7.4	4.0	6.1	7.2	4.8	5.9	4.8	4.3	3.9	
	100		2.7	4.8		3.4	4.8		3.4				
	110			2.4			2.4						
	120												
	130												
	140												
	145												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	1x	2x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft

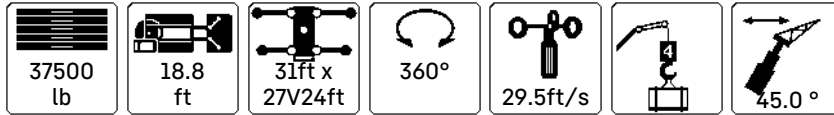


		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	10												
	12												
	14												
	16												
	18												
	20	59.0											
	25	52.3											
	30	47.0											
	35	42.7											
	40	39.1	45.5	44.4	45.0								
	45	36.2	39.7	37.0	37.7	35.0	36.0						
	50	33.8	33.5	31.1	31.8	29.3	30.4	28.1	29.4	25.3			
	60	30.2	24.3	22.2	22.9	20.7	21.8	19.7	21.0	23.0	19.5	21.0	22.7
	70		17.7	15.9	16.5	14.5	15.6	13.7	15.0	19.5	13.6	15.2	18.1
	80		12.9	11.0	11.7	9.9	10.9	9.2	10.5	14.9	9.2	10.7	13.7
	90		9.1	7.3	8.0	6.2	7.3	5.6	6.9	11.4	5.7	7.2	10.3
	100		6.0	4.3	5.0	2.9	4.3	2.3	3.9	8.5	2.5	4.4	7.5
	110		3.4							6.2			5.2
	120									4.2			3.1
	130												
	140												
	145												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x

TNZF: T NZF-26ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
10													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50													
60	19.0	20.4	21.6	18.4	19.9	16.3							
70	13.5	15.0	16.4	13.2	14.7	15.1	13.4	13.9	12.8	12.3	12.0		
80	9.1	10.8	12.3	9.2	10.8	11.7	9.6	10.3	9.2	8.8	8.4		
90	5.8	7.4	9.0	5.9	7.7	8.6	6.6	7.3	6.3	5.9	5.6		
100	2.5	4.7	6.2		5.0	6.1	3.9	4.9	4.0	3.4	3.0		
110			3.9		2.4	3.9		2.6					
120													
130													
140													
145													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	



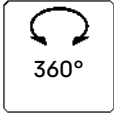
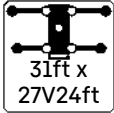
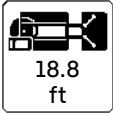
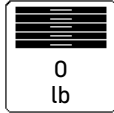
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
10													
12													
14													
16													
18													
20													
25													
30	38.4												
35	35.9												
40	33.9												
45	32.3	35.4											
50	31.1	34.4	34.2	34.7	32.5	33.4							
60	30.2	26.5	24.6	25.2	23.2	24.1	22.2	23.4	21.9	22.0	23.3	21.5	
70		19.4	17.7	18.3	16.5	17.4	15.7	16.9	20.2	15.6	17.0	19.5	
80		14.2	12.5	13.2	11.4	12.4	10.8	12.0	16.2	10.8	12.3	15.0	
90		10.1	8.5	9.2	7.5	8.5	6.9	8.2	12.4	7.1	8.5	11.4	
100		6.8	5.3	5.9	4.3	5.3	3.6	5.1	9.2	3.9	5.5	8.4	
110		4.1		3.0		2.2			6.8		2.7	5.9	
120									4.7			3.8	
130									2.8				
140													
145													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	2x	1x	1x	2x	1x









TNZF: T NZF-26ft



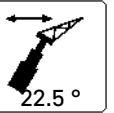
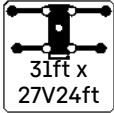
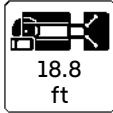
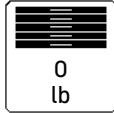
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	15.5	16.8	18.1	15.0	16.4	15.4	15.1	14.7				
	80	10.8	12.3	13.6	10.8	12.2	13.0	11.0	11.7	10.6	10.2	9.9	
	90	7.1	8.7	10.1	7.3	8.8	9.7	7.8	8.5	7.5	7.1	6.8	
	100	4.0	5.7	7.2	4.3	6.1	7.0	5.1	5.9	5.0	4.6	4.3	
	110		3.0	4.8		3.5	4.8		3.7	2.6			
	120			2.4			2.4						
	130												
	140												
	145												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-26ft



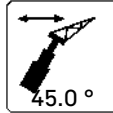
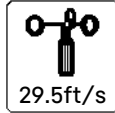
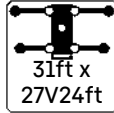
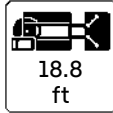
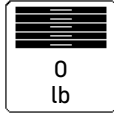
		x1000lb											
	ft												
	10	90.9											
	11	90.9											
	12	90.9											
	13	90.9											
	14	90.4											
	15	89.1											
	16	87.3											
	17	85.5											
	18	83.7											
	19	82.1											
	20	80.4											
	22	77.2											
	24	74.1											
	26	66.0											
	28	58.4											
	30	51.9											
	32	46.4											
	34	41.7											
	36	37.7											
	38	34.2											
	40	31.2											
	45	24.9											
	50	19.6											
	55	15.3											
	60	12.0											
	65	9.5											
	66	9.2											
	1	0+											
	2	0+											
	3	0+											
	4	0+											
	5	0+											
	6	0+											
	7	0+											









TNZF: T NZF-26ft



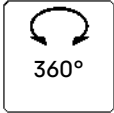
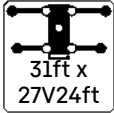
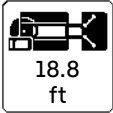
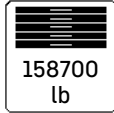
		x1000lb										
	ft											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20	59.0										
	22	56.1										
	24	53.5										
	26	51.2										
	28	49.0										
	30	47.0										
	32	45.2										
	34	43.5										
	36	41.4										
	38	38.2										
	40	34.8										
	45	27.8										
	50	21.8										
	55	17.0										
	60	13.0										
	65	9.7										
	66											
	1	0+										
	2	0+										
	3	0+										
	4	0+										
	5	0+										
	6	0+										
	7	0+										

TNZF: T NZF-26ft



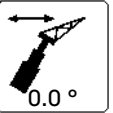
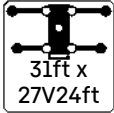
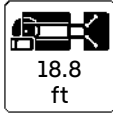
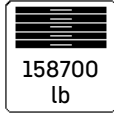
		x1000lb									
	ft										
	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28	39.5									
	30	38.4									
	32	37.3									
	34	36.3									
	36	35.5									
	38	34.6									
	40	33.9									
	45	30.0									
	50	23.3									
	55	17.8									
	60	13.1									
	65										
	66										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TNZF: T NZF-49ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	19	57.3											
	20	56.3											
	25	51.2											
	30	45.7	46.2										
	35	39.6	44.2	42.3	41.7								
	40	34.8	42.1	40.7	40.2	37.7	36.7	33.9	32.3				
	45	30.9	40.0	38.9	38.5	36.4	35.5	33.0	31.6	21.5	29.0	27.2	20.4
	50	27.7	38.0	37.2	36.8	35.1	34.2	32.1	30.8	20.8	28.5	26.7	19.8
	60	22.7	34.2	34.1	33.8	32.6	31.9	30.2	29.1	19.0	27.2	25.7	18.4
	70	19.1	30.6	31.3	31.0	30.3	29.7	28.5	27.5	17.2	26.0	24.1	16.9
	80	16.4	27.5	28.5	28.3	28.2	27.7	26.9	25.9	15.6	24.8	22.3	15.4
	90		25.0	26.0	25.8	26.1	25.6	25.3	23.8	14.1	23.2	20.4	14.0
	100		22.7	23.9	23.7	24.0	23.5	23.6	21.5	12.8	21.2	18.7	12.8
	110		20.9	22.0	21.8	22.3	21.4	21.8	19.3	11.6	19.3	17.1	11.7
	120		19.3	20.4	20.2	20.7	19.4	19.8	17.3	10.6	17.4	15.5	10.7
	130		17.9	19.0	18.8	19.3	17.4	17.9	15.5	9.7	15.8	13.9	9.9
	140		16.7	17.7	17.6	17.4	15.7	16.2	13.9	9.0	14.3	12.4	9.2
	150		15.6	15.6	16.1	14.8	14.2	14.3	12.5	8.4	12.9	11.1	8.6
	170		12.8	11.2	11.8	10.3	11.2	9.9	10.0	7.3	9.7	9.1	7.6
	190			6.4	6.9	7.3	8.1	6.8	7.9	6.3	6.7	7.6	6.6
	210							4.3	5.4	5.3	4.2	5.4	5.7
	230												4.5
	250												
	251												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-49ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
19												
20												
25												
30												
35												
40												
45												
50	24.5	21.1	18.5	19.1	17.2	13.3						
60	23.7	20.4	17.5	18.7	16.5	12.8	15.1	11.8	11.5	10.7	10.5	
70	22.9	19.1	16.2	18.0	15.6	12.1	14.6	11.3	11.0	10.3	10.1	
80	21.5	17.7	14.9	16.9	14.5	11.3	13.8	10.6	10.4	9.9	9.7	
90	19.9	16.3	13.7	15.8	13.4	10.5	12.9	10.0	9.9	9.5	9.3	
100	18.4	15.1	12.6	14.7	12.4	9.8	12.1	9.5	9.4	9.0	8.9	
110	17.0	14.0	11.6	13.7	11.5	9.2	11.2	9.0	8.9	8.6	8.5	
120	15.4	13.0	10.7	12.7	10.7	8.6	10.4	8.5	8.4	8.2	8.1	
130	14.0	12.0	9.9	11.8	9.9	8.1	9.8	8.0	8.0	7.7	7.7	
140	12.6	11.0	9.3	11.0	9.3	7.5	9.2	7.5	7.5	7.3	7.2	
150	11.4	10.2	8.7	10.2	8.8	6.9	8.8	7.0	7.1	6.9	6.8	
170	9.4	8.5	7.6	8.7	7.9	5.7	7.8	5.8	6.3	5.8	5.7	
190	6.9	7.2	6.4	7.3	6.7	4.6	6.9	4.8	5.6	4.8	4.5	
210	4.3	5.8	5.2	4.8	5.6	3.4	5.2	3.7	4.9	3.7	3.2	
230	2.2	3.7	4.2	2.7	4.1	2.3	3.1	2.6	3.2	2.8		
250					2.3							
251					2.2							
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



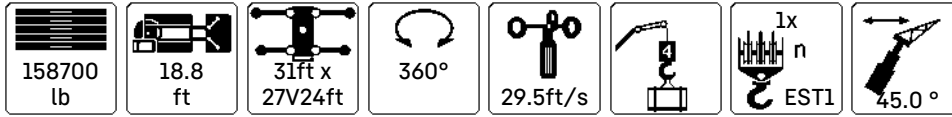
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
19													
20													
25													
30													
35	28.9												
40	26.2												
45	24.0												
50	22.1	25.5											
60	19.0	23.3	24.1	23.9	23.8	23.5	23.2						
70	16.7	21.5	22.3	22.2	22.2	21.9	21.7	21.3	15.2	20.9	20.3	15.0	
80	15.0	20.0	20.8	20.7	20.7	20.5	20.4	20.0	14.0	19.8	19.2	13.8	
90		18.7	19.5	19.4	19.5	19.3	19.3	18.9	12.9	18.7	18.3	12.8	
100		17.6	18.4	18.3	18.4	18.3	18.3	18.0	11.9	17.9	17.4	11.9	
110		16.6	17.4	17.4	17.5	17.3	17.4	17.2	11.0	17.1	16.2	11.0	
120		15.8	16.6	16.5	16.7	16.6	16.6	16.4	10.1	16.4	15.0	10.2	
130		15.2	15.9	15.8	16.0	15.9	16.0	15.3	9.4	15.7	13.9	9.5	
140		14.6	15.3	15.3	15.4	15.3	15.3	14.1	8.8	14.4	12.6	8.9	
150		14.2	14.8	14.8	14.9	14.3	14.7	12.7	8.2	13.1	11.4	8.4	
170		13.2	11.9	12.5	11.2	11.8	10.9	10.3	7.3	10.8	9.3	7.5	
190			6.9	7.4	7.8	8.6	7.6	8.5	6.4	7.6	7.8	6.7	
210							4.6	5.6	5.4	4.7	5.9	5.9	
230													
250													
251													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



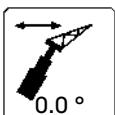
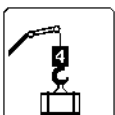
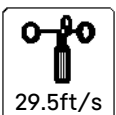
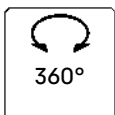
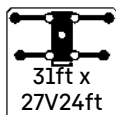
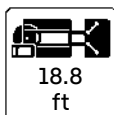
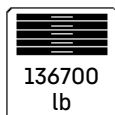
		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
ft	19												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	19.8	17.5	14.6									
	80	18.8	16.2	13.5	15.6	13.3	10.9	12.8	10.4	10.3	9.8		
	90	17.9	15.0	12.6	14.5	12.4	10.2	12.0	9.9	9.8	9.4	9.3	
	100	17.1	13.9	11.7	13.6	11.6	9.6	11.3	9.4	9.3	9.0	8.9	
	110	16.0	12.9	10.9	12.7	10.8	9.0	10.6	8.8	8.8	8.5	8.4	
	120	14.9	12.1	10.1	11.9	10.1	8.5	9.9	8.4	8.3	8.1	8.0	
	130	13.9	11.2	9.5	11.1	9.5	8.0	9.4	7.9	7.9	7.7	7.6	
	140	12.8	10.5	8.9	10.5	9.0	7.6	8.9	7.5	7.5	7.3	7.2	
	150	11.7	10.0	8.4	9.9	8.5	7.1	8.5	7.1	7.1	6.9	6.9	
	170	9.6	8.7	7.6	8.9	7.7	6.0	7.7	6.1	6.3	6.1	6.1	
	190	7.8	7.4	6.6	7.6	6.9	4.9	7.0	5.1	5.7	5.1	5.0	
	210	4.9	6.1	5.4	5.6	5.8	3.7	6.0	4.0	5.0	4.1	3.7	
230	2.5	4.0	4.3	3.2	4.6	2.5	3.7	2.9	3.9	3.0	2.4		
250					2.5								
251					2.4								
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



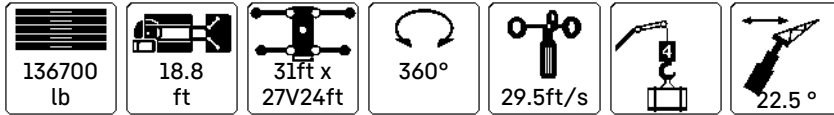
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
19													
20													
25													
30													
35													
40													
45													
50		18.5											
60		16.5											
70		15.2	17.0	17.5	17.5	17.4	17.3						
80		14.7	16.2	16.7	16.7	16.7	16.6	16.5	16.4	12.5	16.3	16.0	12.4
90			15.6	16.1	16.1	16.1	16.0	15.9	15.8	11.9	15.7	15.5	11.9
100			15.1	15.6	15.5	15.6	15.5	15.5	15.3	11.3	15.3	15.1	11.3
110			14.7	15.2	15.1	15.2	15.1	15.1	15.0	10.6	14.9	14.7	10.6
120			14.4	14.9	14.8	14.9	14.8	14.8	14.7	10.0	14.6	14.4	10.0
130			14.3	14.7	14.7	14.6	14.6	14.6	14.4	9.4	14.4	13.8	9.5
140			14.3	14.6	14.6	14.5	14.5	14.4	14.1	8.8	14.0	12.8	8.9
150			14.3	14.6	14.6	14.5	14.2	14.3	13.1	8.3	13.2	11.8	8.4
170				12.0	12.5	11.5	12.0	11.4	10.6	7.4	11.0	9.6	7.6
190								7.6	8.6	6.5	7.8	8.0	6.8
210											4.5	5.8	6.0
230													
250													
251													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-49ft



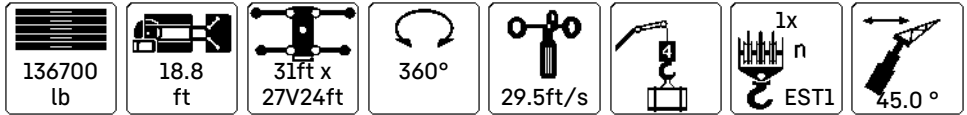
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13	60.9											
	14	60.9											
	16	60.5											
	18	58.4											
	20	56.3											
	25	51.2											
	30	45.7	46.2										
	35	39.6	44.2	42.3	41.7								
	40	34.8	42.1	40.7	40.2	37.7	36.7	33.9	32.3				
	45	30.9	40.0	38.9	38.5	36.4	35.5	33.0	31.6	21.5	29.0	27.2	20.4
	50	27.7	38.0	37.2	36.8	35.1	34.2	32.1	30.8	20.8	28.5	26.7	19.8
	60	22.7	34.2	34.1	33.8	32.6	31.9	30.2	29.1	19.0	27.2	25.7	18.4
	70	19.1	30.6	31.3	31.0	30.3	29.7	28.5	27.5	17.2	26.0	24.1	16.9
	80	16.4	27.5	28.5	28.3	28.2	27.7	26.9	25.9	15.6	24.8	22.3	15.4
	90		25.0	26.0	25.8	26.1	25.6	25.3	23.8	14.1	23.2	20.4	14.0
	100		22.7	23.9	23.7	24.0	23.5	23.6	21.5	12.8	21.2	18.7	12.8
	110		20.9	22.0	21.8	22.3	21.4	21.8	19.3	11.6	19.3	17.1	11.7
	120		19.3	20.3	20.2	19.8	19.4	18.9	17.3	10.6	17.4	15.5	10.7
	130		17.9	17.3	17.9	16.4	17.3	15.9	15.5	9.7	15.4	13.9	9.9
	140		15.8	14.4	15.0	13.5	14.4	13.1	13.8	9.0	12.9	12.4	9.2
	150		13.4	12.0	12.5	11.1	11.9	10.6	11.7	8.4	10.4	11.1	8.6
	170		9.6	8.3	8.8	7.5	8.3	7.1	8.2	7.3	7.0	8.1	7.6
	190			5.5	6.0	4.6	5.5	4.2	5.3	6.3	4.1	5.3	6.6
	210								3.0	5.3		3.0	5.7
	230												3.8
	238												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-49ft



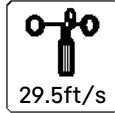
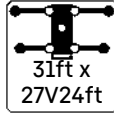
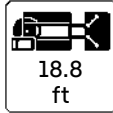
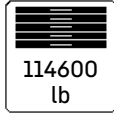
	x1000lb												
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	28.9											
	40	26.2											
	45	24.0											
	50	22.1	25.5										
	60	19.0	23.3	24.1	23.9	23.8	23.5	23.2					
	70	16.7	21.5	22.3	22.2	22.2	21.9	21.7	21.3	15.2	20.9	20.3	15.0
	80	15.0	20.0	20.8	20.7	20.7	20.5	20.4	20.0	14.0	19.8	19.2	13.8
	90		18.7	19.5	19.4	19.5	19.3	19.3	18.9	12.9	18.7	18.3	12.8
	100		17.6	18.4	18.3	18.4	18.3	18.3	18.0	11.9	17.9	17.4	11.9
	110		16.6	17.4	17.4	17.5	17.3	17.4	17.2	11.0	17.1	16.2	11.0
	120		15.8	16.6	16.5	16.7	16.6	16.6	16.4	10.1	16.4	15.0	10.2
	130		15.2	15.9	15.8	16.0	15.9	16.0	15.3	9.4	15.7	13.9	9.5
	140		14.6	15.2	15.3	15.0	15.3	14.8	14.1	8.8	14.4	12.6	8.9
	150		14.2	13.1	13.7	12.4	13.2	12.0	12.7	8.2	12.0	11.4	8.4
	170		9.9	9.0	9.4	8.4	9.1	8.1	9.0	7.3	8.1	9.0	7.5
	190			5.5	6.1	5.1	5.9	4.9	5.9	6.4	4.9	6.1	6.7
	210								3.3	5.4	2.3	3.5	5.9
	230												
	238												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



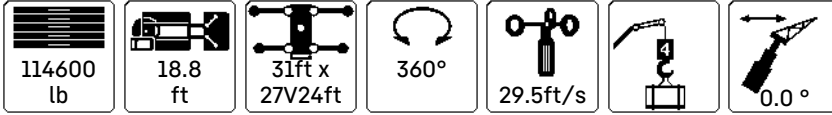
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	18.5											
	60	16.5											
	70	15.2	17.0	17.5	17.5	17.4	17.3						
	80	14.7	16.2	16.7	16.7	16.7	16.6	16.5	16.4	12.5	16.3	16.0	12.4
	90		15.6	16.1	16.1	16.1	16.0	15.9	15.8	11.9	15.7	15.5	11.9
	100		15.1	15.6	15.5	15.6	15.5	15.5	15.3	11.3	15.3	15.1	11.3
	110		14.7	15.2	15.1	15.2	15.1	15.1	15.0	10.6	14.9	14.7	10.6
	120		14.4	14.9	14.8	14.9	14.8	14.8	14.7	10.0	14.6	14.4	10.0
	130		14.3	14.7	14.7	14.6	14.6	14.6	14.4	9.4	14.4	13.8	9.5
	140		14.3	14.6	14.6	14.5	14.5	14.4	14.1	8.8	14.0	12.8	8.9
	150		14.2	13.7	14.1	13.2	13.9	12.9	13.1	8.3	12.8	11.8	8.4
	170			9.0	9.4	8.6	9.3	8.5	9.3	7.4	8.6	9.5	7.6
	190							4.9	6.0	6.5	5.2	6.4	6.8
	210											3.4	5.9
	230												
	238												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-49ft



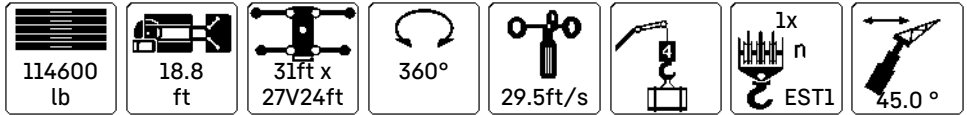
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13		60.9											
14		60.9											
16		60.5											
18		58.4											
20		56.3											
25		51.2											
30		45.7	46.2										
35		39.6	44.2	42.3	41.7								
40		34.8	42.1	40.7	40.2	37.7	36.7	33.9	32.3				
45		30.9	40.0	38.9	38.5	36.4	35.5	33.0	31.6	21.5	29.0	27.2	20.4
50		27.7	38.0	37.2	36.8	35.1	34.2	32.1	30.8	20.8	28.5	26.7	19.8
60		22.7	34.2	34.1	33.8	32.6	31.9	30.2	29.1	19.0	27.2	25.7	18.4
70		19.1	30.6	31.3	31.0	30.3	29.7	28.5	27.5	17.2	26.0	24.1	16.9
80		16.4	27.5	28.5	28.3	28.2	27.7	26.9	25.9	15.6	24.8	22.3	15.4
90			25.0	26.0	25.8	26.1	25.6	25.3	23.8	14.1	23.2	20.4	14.0
100			22.7	23.7	23.7	22.5	23.4	21.4	21.5	12.8	20.6	18.7	12.8
110			20.8	19.9	20.5	18.8	19.6	17.8	18.8	11.6	17.1	17.1	11.7
120			17.7	16.3	16.8	15.3	16.2	14.7	15.8	10.6	14.1	15.3	10.7
130			14.6	13.2	13.7	12.3	13.1	11.8	12.9	9.7	11.5	12.8	9.9
140			12.0	10.6	11.2	9.8	10.6	9.4	10.3	9.0	9.2	10.3	9.2
150			9.9	8.7	9.2	8.0	8.7	7.6	8.5	8.4	7.5	8.5	8.6
170			6.9	5.4	6.0	4.6	5.5	4.2	5.3	7.3	4.1	5.4	7.6
190				2.9	3.4		2.9		2.7	6.2		2.8	5.5
210										4.1			3.3
224													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-49ft



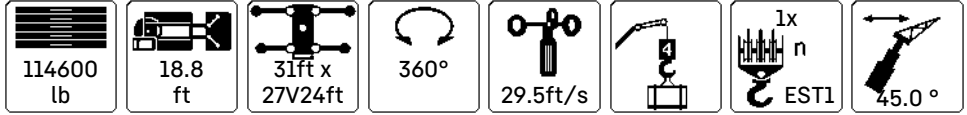
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50		24.5	21.1	18.5	19.1	17.2	13.3					
60		23.7	20.4	17.5	18.7	16.5	12.8	15.1	11.8	11.5	10.7	10.5
70		22.9	19.1	16.2	18.0	15.6	12.1	14.6	11.3	11.0	10.3	10.1
80		21.5	17.7	14.9	16.9	14.5	11.3	13.8	10.6	10.4	9.9	9.7
90		19.9	16.3	13.7	15.8	13.4	10.5	12.9	10.0	9.9	9.5	9.3
100		18.4	15.1	12.6	14.7	12.4	9.8	12.1	9.5	9.4	9.0	8.9
110		16.6	14.0	11.6	13.7	11.5	9.2	11.2	9.0	8.9	8.6	8.5
120		13.7	13.0	10.7	12.7	10.7	8.6	10.4	8.5	8.4	8.2	8.1
130		11.3	12.0	9.9	11.4	9.9	8.1	9.8	8.0	8.0	7.7	7.7
140		9.1	10.7	9.3	9.5	9.3	7.5	9.1	7.5	7.5	7.3	7.2
150		7.3	8.9	8.7	7.7	8.7	6.9	7.8	7.0	7.1	6.8	6.7
170		4.2	6.0	7.0	4.7	6.1	5.7	4.8	5.6	4.7	4.4	4.1
190			3.3	4.5		3.7	4.3	2.5	3.3	2.4		
210				2.4			2.2					
224												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	18.5											
	60	16.5											
	70	15.2	17.0	17.5	17.5	17.4	17.3						
	80	14.7	16.2	16.7	16.7	16.7	16.6	16.5	16.4	12.5	16.3	16.0	12.4
	90		15.6	16.1	16.1	16.1	16.0	15.9	15.8	11.9	15.7	15.5	11.9
	100		15.1	15.6	15.5	15.6	15.5	15.5	15.3	11.3	15.3	15.1	11.3
	110		14.7	15.2	15.1	15.2	15.1	15.1	15.0	10.6	14.9	14.7	10.6
	120		14.4	14.9	14.8	14.9	14.8	14.8	14.7	10.0	14.6	14.4	10.0
	130		14.3	14.7	14.7	14.5	14.6	14.4	14.4	9.4	14.2	13.8	9.5
	140		13.8	12.8	13.3	12.2	13.0	12.0	12.9	8.8	12.0	12.8	8.9
	150		11.1	10.2	10.6	9.7	10.4	9.5	10.3	8.3	9.5	10.5	8.4
	170			6.2	6.7	5.8	6.7	5.8	6.8	7.4	5.9	7.0	7.6
	190							2.3	3.4	6.5	2.6	3.8	6.3
	210												3.6
	224												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-49ft



		x1000lb										
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70												
80												
90		15.4	14.3	11.7	14.0	11.6	9.8	11.4				
100		15.0	13.4	11.1	13.1	11.0	9.3	10.8	9.2	9.2	9.0	9.0
110		14.6	12.5	10.5	12.3	10.4	8.9	10.2	8.8	8.8	8.6	8.6
120		14.3	11.8	9.9	11.6	9.9	8.5	9.8	8.4	8.3	8.2	8.1
130		13.7	11.1	9.4	10.9	9.4	8.0	9.3	7.9	7.9	7.8	7.8
140		12.1	10.4	8.9	10.3	8.9	7.6	8.9	7.5	7.5	7.4	7.4
150		9.6	9.9	8.5	9.7	8.5	7.2	8.5	7.2	7.2	7.1	7.0
170		6.2	7.4	7.7	6.6	7.6	6.2	6.8	6.3	6.4	6.3	6.1
190		3.0	4.5	5.7	3.7	5.0	5.1	4.0	4.8	4.0	3.8	3.5
210				3.0		2.4	3.1		2.5			
224												
<hr/>												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+

TNZF: T NZF-49ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13	60.9											
	14	60.9											
	16	60.5											
	18	58.4											
	20	56.3											
	25	51.2											
	30	45.7	46.2										
	35	39.6	44.2	42.3	41.7								
	40	34.8	42.1	40.7	40.2	37.7	36.7	33.9	32.3				
	45	30.9	40.0	38.9	38.5	36.4	35.5	33.0	31.6	21.5	29.0	27.2	20.4
	50	27.7	38.0	37.2	36.8	35.1	34.2	32.1	30.8	20.8	28.5	26.7	19.8
	60	22.7	34.2	34.1	33.8	32.6	31.9	30.2	29.1	19.0	27.2	25.7	18.4
	70	19.1	30.6	31.3	31.0	30.3	29.7	28.5	27.5	17.2	26.0	24.1	16.9
	80	16.4	27.5	28.5	28.3	28.1	27.7	26.7	25.9	15.6	24.8	22.3	15.4
	90		25.0	25.5	25.6	24.1	24.8	22.9	23.7	14.1	22.0	20.4	14.0
	100		22.5	21.3	21.8	19.8	20.6	18.7	19.8	12.8	18.0	18.6	12.8
	110		18.7	17.3	17.9	16.3	17.1	15.3	16.4	11.6	14.7	15.9	11.7
	120		15.2	13.8	14.4	12.9	13.8	12.4	13.5	10.6	11.9	13.1	10.7
	130		12.4	11.0	11.5	10.1	10.9	9.7	10.7	9.7	9.5	10.6	9.9
	140		10.0	8.8	9.3	8.1	8.8	7.7	8.6	9.0	7.4	8.6	9.2
	150		8.3	7.1	7.6	6.3	7.1	5.9	6.9	8.4	5.6	6.9	8.6
	170		5.3	3.9	4.4	3.1	3.9	2.7	3.8	7.1	2.5	3.8	6.5
	190									4.8			4.1
	210									2.9			
	217									2.3			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TNZF: T NZF-49ft



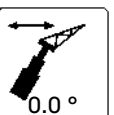
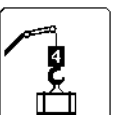
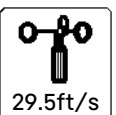
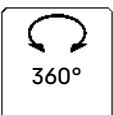
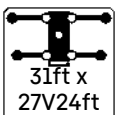
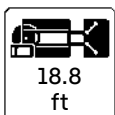
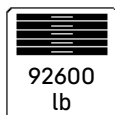
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13													
14													
16													
18													
20													
25													
30													
35	28.9												
40	26.2												
45	24.0												
50	22.1	25.5											
60	19.0	23.3	24.1	23.9	23.8	23.5	23.2						
70	16.7	21.5	22.3	22.2	22.2	21.9	21.7	21.3	15.2	20.9	20.3	15.0	
80	15.0	20.0	20.8	20.7	20.7	20.5	20.4	20.0	14.0	19.8	19.2	13.8	
90		18.7	19.5	19.4	19.5	19.3	19.3	18.9	12.9	18.7	18.3	12.8	
100		17.6	18.4	18.3	18.4	18.3	18.3	18.0	11.9	17.9	17.4	11.9	
110		16.6	17.4	17.4	17.5	17.3	17.1	17.2	11.0	16.7	16.2	11.0	
120		15.8	15.8	16.2	15.0	15.8	14.6	15.5	10.1	14.0	14.9	10.2	
130		13.8	12.6	13.1	11.9	12.7	11.5	12.5	9.4	11.3	12.5	9.5	
140		11.1	10.0	10.5	9.4	10.1	9.1	9.9	8.8	9.0	9.9	8.9	
150		9.1	8.1	8.5	7.6	8.2	7.2	8.1	8.2	7.2	8.1	8.4	
170		5.7	4.6	5.1	4.0	4.8	3.8	4.8	7.3	3.8	5.0	7.2	
190									5.4			4.8	
210									3.1			2.5	
217													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x










TNZF: T NZF-49ft



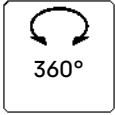
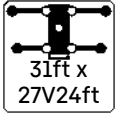
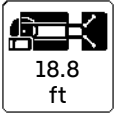
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	19.8	17.5	14.6									
	80	18.8	16.2	13.5	15.6	13.3	10.9	12.8	10.4	10.3	9.8		
	90	17.9	15.0	12.6	14.5	12.4	10.2	12.0	9.9	9.8	9.4	9.3	
	100	17.1	13.9	11.7	13.6	11.6	9.6	11.3	9.4	9.3	9.0	8.9	
	110	16.0	12.9	10.9	12.7	10.8	9.0	10.6	8.8	8.8	8.5	8.4	
	120	13.7	12.1	10.1	11.9	10.1	8.5	9.9	8.4	8.3	8.1	8.0	
	130	11.2	11.2	9.5	11.1	9.5	8.0	9.4	7.9	7.9	7.7	7.6	
	140	9.0	10.4	8.9	9.3	9.0	7.6	8.8	7.5	7.5	7.3	7.2	
	150	7.1	8.5	8.4	7.4	8.4	7.1	7.5	7.1	7.1	6.8	6.5	
	170	3.8	5.5	6.6	4.3	5.7	6.0	4.5	5.3	4.4	4.1	3.9	
	190		2.8	4.0		3.2	3.8		2.9				
	210												
	217												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



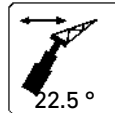
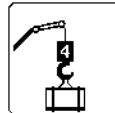
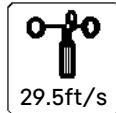
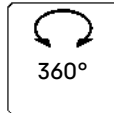
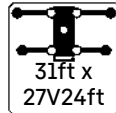
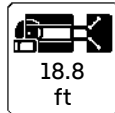
 ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50	24.5	21.1	18.5	19.1	17.2	13.3						
60	23.7	20.4	17.5	18.7	16.5	12.8	15.1	11.8	11.5	10.7	10.5	
70	22.9	19.1	16.2	18.0	15.6	12.1	14.6	11.3	11.0	10.3	10.1	
80	21.5	17.7	14.9	16.9	14.5	11.3	13.8	10.6	10.4	9.9	9.7	
90	18.6	16.3	13.7	15.8	13.4	10.5	12.9	10.0	9.9	9.5	9.3	
100	14.9	15.1	12.6	14.6	12.4	9.8	12.1	9.5	9.4	9.0	8.9	
110	11.9	13.7	11.6	12.1	11.5	9.2	11.2	9.0	8.9	8.6	8.5	
120	9.4	11.2	10.7	9.7	10.6	8.6	9.6	8.5	8.4	8.2	8.1	
130	7.3	9.0	9.9	7.6	9.1	8.1	7.6	8.0	7.4	7.0	6.7	
140	5.3	7.2	8.5	5.8	7.3	7.5	5.9	6.7	5.7	5.4	5.1	
150	3.6	5.6	6.9	4.2	5.7	6.2	4.4	5.2	4.2	3.9	3.6	
170		2.7	4.2		3.0	3.7		2.5				
190												
206												
 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
 n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	28.9											
	40	26.2											
	45	24.0											
	50	22.1	25.5										
	60	19.0	23.3	24.1	23.9	23.8	23.5	23.2					
	70	16.7	21.5	22.3	22.2	22.2	21.9	21.7	21.3	15.2	20.9	20.3	15.0
	80	15.0	20.0	20.8	20.7	20.7	20.5	20.4	20.0	14.0	19.8	19.2	13.8
	90		18.7	19.5	19.4	19.5	19.3	19.3	18.9	12.9	18.7	18.3	12.8
	100		17.6	18.4	18.3	18.4	18.3	18.3	18.0	11.9	17.5	17.4	11.9
	110		16.6	16.9	17.0	16.2	16.8	15.4	16.3	11.0	14.8	15.7	11.0
	120		14.6	13.5	14.0	12.7	13.5	12.3	13.3	10.1	11.9	13.0	10.2
	130		11.6	10.5	11.0	9.9	10.5	9.5	10.4	9.4	9.4	10.4	9.5
	140		9.3	8.4	8.8	7.8	8.4	7.5	8.3	8.8	7.2	8.3	8.9
	150		7.6	6.6	7.0	5.9	6.7	5.5	6.6	8.2	5.3	6.6	8.4
	170		4.2	3.1	3.7	2.5	3.3		3.3	6.5		3.4	6.0
	190									4.0			3.5
	206									2.3			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

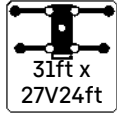
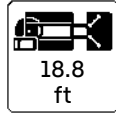
TNZF: T NZF-49ft











ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70	19.8	17.5	14.6									
80	18.8	16.2	13.5	15.6	13.3	10.9	12.8	10.4	10.3	9.8		
90	17.9	15.0	12.6	14.5	12.4	10.2	12.0	9.9	9.8	9.4	9.3	
100	17.1	13.9	11.7	13.6	11.6	9.6	11.3	9.4	9.3	9.0	8.9	
110	14.3	12.9	10.9	12.7	10.8	9.0	10.6	8.8	8.8	8.5	8.4	
120	11.6	12.1	10.1	11.5	10.1	8.5	9.9	8.4	8.3	8.1	8.0	
130	9.2	10.7	9.5	9.5	9.5	8.0	9.2	7.9	7.9	7.7	7.6	
140	7.1	8.7	8.9	7.5	8.8	7.6	7.6	7.5	7.2	6.9	6.8	
150	5.3	7.0	8.0	5.7	7.1	7.1	5.9	6.6	5.7	5.4	5.2	
170		4.0	5.2	2.6	4.2	4.7	3.0	3.8	2.9	2.6	2.3	
190			2.7			2.4						
206												

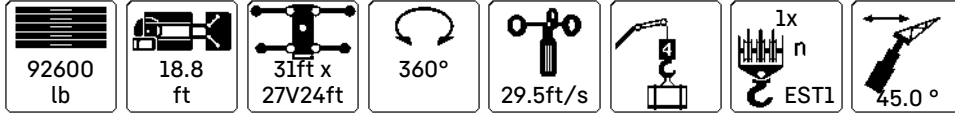
1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



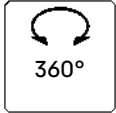
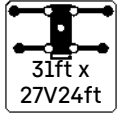
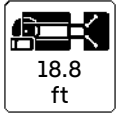
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	18.5											
	60	16.5											
	70	15.2	17.0	17.5	17.5	17.4	17.3						
	80	14.7	16.2	16.7	16.7	16.7	16.6	16.5	16.4	12.5	16.3	16.0	12.4
	90		15.6	16.1	16.1	16.1	16.0	15.9	15.8	11.9	15.7	15.5	11.9
	100		15.1	15.6	15.5	15.6	15.5	15.5	15.3	11.3	15.3	15.1	11.3
	110		14.7	15.2	15.1	15.2	15.1	15.1	15.0	10.6	14.9	14.7	10.6
	120		14.4	14.5	14.8	14.1	14.4	13.8	14.3	10.0	13.5	14.1	10.0
	130		12.5	11.5	12.0	11.0	11.7	10.7	11.6	9.4	10.7	11.7	9.5
	140		9.8	9.0	9.4	8.6	9.2	8.4	9.1	8.8	8.4	9.2	8.9
	150		7.9	7.1	7.5	6.6	7.3	6.4	7.2	8.3	6.3	7.4	8.4
	170			3.1	3.7	2.8	3.6	2.7	3.8	6.8	2.7	4.0	6.3
	190									4.1			3.6
	206												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-49ft



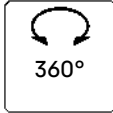
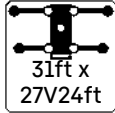
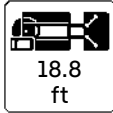
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90	15.4	14.3	11.7	14.0	11.6	9.8	11.4					
	100	15.0	13.4	11.1	13.1	11.0	9.3	10.8	9.2	9.2	9.0	9.0	
	110	14.6	12.5	10.5	12.3	10.4	8.9	10.2	8.8	8.8	8.6	8.6	
	120	13.2	11.8	9.9	11.6	9.9	8.5	9.8	8.4	8.3	8.2	8.1	
	130	10.7	11.1	9.4	10.6	9.4	8.0	9.3	7.9	7.9	7.8	7.8	
	140	8.4	9.7	8.9	8.7	8.9	7.6	8.7	7.5	7.5	7.4	7.3	
	150	6.4	7.8	8.4	6.8	8.1	7.2	6.9	7.1	6.7	6.5	6.3	
	170	2.9	4.6	5.7	3.5	4.9	5.4	3.8	4.5	3.8	3.5	3.3	
	190			3.0			2.9						
	206												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	

TNZF: T NZF-49ft



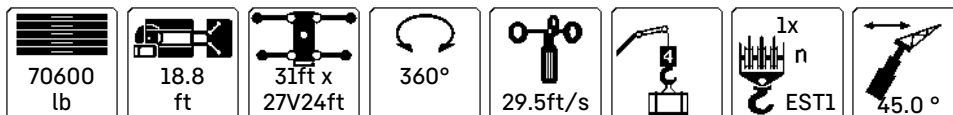
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50		24.5	21.1	18.5	19.1	17.2	13.3						
60		23.7	20.4	17.5	18.7	16.5	12.8	15.1	11.8	11.5	10.7	10.5	
70		21.5	19.1	16.2	18.0	15.6	12.1	14.6	11.3	11.0	10.3	10.1	
80		16.7	17.7	14.9	16.4	14.5	11.3	13.8	10.6	10.4	9.9	9.7	
90		13.0	14.8	13.7	13.0	13.4	10.5	12.7	10.0	9.9	9.5	9.3	
100		9.9	11.6	12.6	10.0	11.5	9.8	10.0	9.5	9.2	9.0	8.6	
110		7.2	9.0	10.4	7.6	9.1	9.2	7.6	8.3	7.3	6.9	6.6	
120		5.0	6.9	8.2	5.5	7.0	7.5	5.5	6.3	5.3	4.9	4.6	
130		2.8	5.0	6.4	3.6	5.2	5.7	3.8	4.6	3.6	3.2	2.8	
140			3.3	4.8		3.6	4.2		3.1				
150				3.3			2.8						
170													
190													
192													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	28.9											
	40	26.2											
	45	24.0											
	50	22.1	25.5										
	60	19.0	23.3	24.1	23.9	23.8	23.5	23.2					
	70	16.7	21.5	22.3	22.2	22.2	21.9	21.7	21.3	15.2	20.9	20.3	15.0
	80	15.0	20.0	20.8	20.7	20.7	20.5	20.4	20.0	14.0	19.8	19.2	13.8
	90		18.7	19.3	19.4	18.2	18.9	17.3	18.2	12.9	16.6	17.6	12.8
	100		16.6	15.4	15.9	14.2	15.1	13.5	14.5	11.9	13.0	14.1	11.9
	110		13.0	11.8	12.3	11.0	11.8	10.3	11.5	11.0	10.0	11.1	11.0
	120		9.9	9.0	9.4	8.2	9.0	7.6	8.8	10.1	7.3	8.6	10.2
	130		7.8	6.9	7.3	5.9	6.8	5.3	6.5	9.3	5.1	6.4	8.9
	140		6.0	4.9	5.4	3.9	4.8	3.3	4.5	7.8	3.1	4.5	7.2
	150		4.2	3.1	3.6		3.1		2.7	6.3		2.7	5.7
	170									3.6			3.0
	190												
	192												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

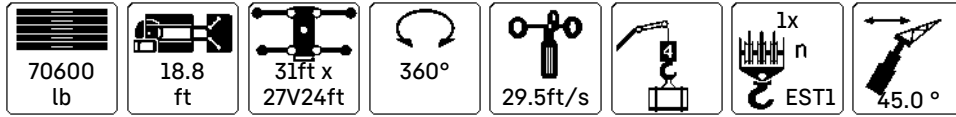
TNZF: T NZF-49ft



		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
ft	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	18.5											
	60	16.5											
	70	15.2	17.0	17.5	17.5	17.4	17.3						
	80	14.7	16.2	16.7	16.7	16.7	16.6	16.5	16.4	12.5	16.3	16.0	12.4
	90		15.6	16.1	16.1	16.1	16.0	15.9	15.8	11.9	15.7	15.5	11.9
	100		15.1	15.6	15.5	15.5	15.5	15.5	15.3	11.3	15.0	15.1	11.3
	110		14.3	13.5	13.9	12.9	13.6	12.3	13.3	10.6	12.0	13.0	10.6
	120		11.0	10.1	10.5	9.6	10.3	9.3	10.2	10.0	9.1	10.2	10.0
	130		8.5	7.8	8.1	7.2	7.9	6.8	7.8	9.4	6.6	7.8	9.4
	140		6.5	5.7	6.2	5.0	5.8	4.5	5.6	8.4	4.4	5.6	7.9
	150		4.5	3.6	4.2	2.9	3.9	2.4	3.7	6.8	2.3	3.8	6.3
	170									4.0			3.5
	190												
	192												

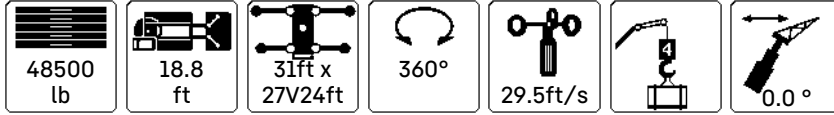
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+










TNZF: T NZF-49ft



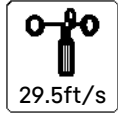
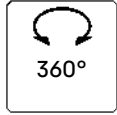
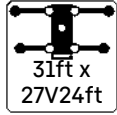
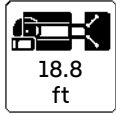
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70												
80												
90	15.4	14.3	11.7	14.0	11.6	9.8	11.4					
100	14.6	13.4	11.1	13.1	11.0	9.3	10.8	9.2	9.2	9.0	9.0	
110	11.6	12.5	10.5	11.8	10.4	8.9	10.2	8.8	8.8	8.6	8.6	
120	8.9	10.4	9.9	9.2	9.7	8.5	9.2	8.4	8.3	8.2	8.1	
130	6.6	8.1	9.1	7.0	8.2	8.0	7.0	7.5	6.9	6.5	6.3	
140	4.5	6.2	7.3	5.0	6.3	6.8	5.2	5.8	5.0	4.7	4.5	
150	2.5	4.3	5.6	3.1	4.6	5.1	3.5	4.2	3.4	3.1	2.8	
170			2.5									
190												
192												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+

TNZF: T NZF-49ft



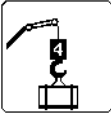
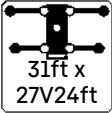
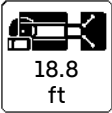
		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	ft												
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	24.5	21.1	18.5	19.1	17.2	13.3						
	60	19.7	20.4	17.5	18.6	16.5	12.8	15.1	11.8	11.5	10.7	10.5	
	70	14.5	16.3	16.2	14.4	15.4	12.1	13.9	11.3	11.0	10.3	10.1	
	80	10.5	12.3	13.7	10.6	12.1	11.3	10.4	10.5	9.9	9.3	9.0	
	90	7.2	9.2	10.5	7.5	9.0	9.5	7.4	8.1	7.1	6.6	6.3	
	100	4.5	6.5	7.9	5.0	6.5	7.1	5.1	5.8	4.8	4.4	4.0	
	110		4.2	5.7		4.4	5.0	2.7	3.7				
	120			3.7		2.3	3.2						
	130												
	140												
	150												
	168												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



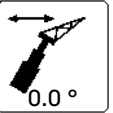
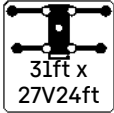
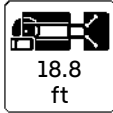
		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13														
14														
16														
18														
20														
25														
30														
35		28.9												
40		26.2												
45		24.0												
50		22.1	25.5											
60		19.0	23.3	24.1	23.9	23.8	23.5	23.2						
70		16.7	21.5	22.1	22.2	21.3	21.6	20.4	20.9	15.2	19.4	20.0	15.0	
80		15.0	18.8	17.2	17.8	16.0	16.9	15.2	16.3	14.0	14.6	15.7	13.8	
90			14.5	13.0	13.5	11.9	12.7	11.1	12.2	12.9	10.7	11.9	12.8	
100			10.9	9.6	10.2	8.5	9.4	7.8	9.0	11.9	7.6	8.8	11.5	
110			8.2	6.8	7.4	5.8	6.6	5.2	6.3	9.8	4.9	6.2	9.0	
120			5.9	4.4	5.0	3.4	4.3		4.0	7.7		3.9	6.9	
130			3.9		2.9					5.9			5.0	
140										4.3			3.4	
150										2.7				
168														
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+	
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+	
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



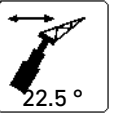
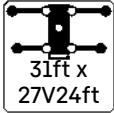
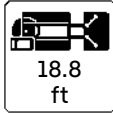
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	18.6	17.5	14.6									
	80	14.0	15.6	13.5	14.0	13.3	10.9	12.8	10.4	10.3	9.8		
	90	10.4	11.9	12.6	10.5	11.7	10.2	10.3	9.9	9.6	9.2	9.1	
	100	7.4	9.1	10.2	7.7	8.9	9.3	7.6	8.2	7.3	6.9	6.6	
	110	4.8	6.6	7.8	5.3	6.6	7.1	5.3	6.0	5.1	4.7	4.5	
	120		4.5	5.8	3.0	4.7	5.1	3.4	4.1	3.0	2.8		
	130		2.3	3.9		2.6	3.4						
	140												
	150												
	168												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-49ft



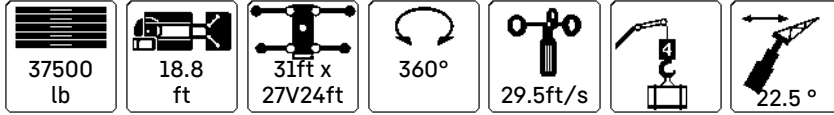
		x1000lb										
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50	21.9	21.1	18.5	19.1	17.2	13.3					
	60	15.6	17.4	17.5	15.3	16.4	12.8	14.5	11.8	11.5	10.7	10.5
	70	11.0	12.8	14.1	10.9	12.4	12.0	10.7	11.0	10.1	9.5	9.2
	80	7.2	9.2	10.5	7.5	9.0	9.5	7.4	8.0	7.0	6.5	6.2
	90	3.9	6.3	7.7	4.7	6.3	6.8	4.7	5.5	4.4	3.8	3.4
	100		3.5	5.3		3.9	4.6		3.1			
	110			2.9								
	120											
	130											
	140											
	150											
	155											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TNZF: T NZF-49ft



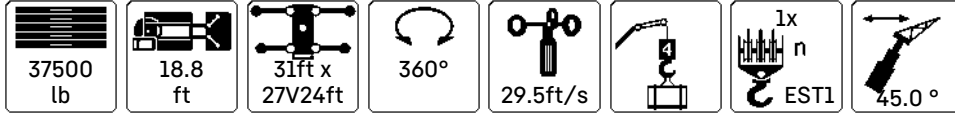
		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
13													
14													
16													
18													
20													
25													
30													
35	28.9												
40	26.2												
45	24.0												
50	22.1	25.5											
60	19.0	23.3	24.0	23.9	23.3	23.5	22.3						
70	16.7	20.2	18.6	19.1	17.3	18.1	16.4	17.5	15.2	15.8	16.8	15.0	
80	15.0	15.2	13.6	14.2	12.5	13.3	11.7	12.8	14.0	11.3	12.4	13.8	
90		11.3	9.8	10.3	8.7	9.6	8.0	9.1	12.7	7.6	8.9	11.6	
100		8.2	6.7	7.3	5.6	6.5	5.0	6.1	9.9	4.7	6.0	8.9	
110		5.6	4.1	4.7	2.9	3.9		3.5	7.5		3.4	6.5	
120		3.3							5.4			4.5	
130									3.7			2.6	
140													
150													
155													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



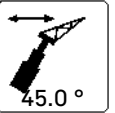
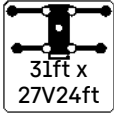
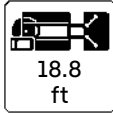
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
13												
14												
16												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70		15.0	16.5	14.6								
80		10.9	12.4	13.3	10.9	12.1	10.9	10.6	10.4	9.9	9.6	
90		7.5	9.1	10.3	7.7	9.0	9.4	7.6	8.1	7.2	6.8	6.5
100		4.6	6.5	7.6	5.2	6.4	6.9	5.1	5.7	4.9	4.5	4.2
110			4.1	5.4		4.3	4.8	2.8	3.6			
120				3.3			2.8					
130												
140												
150												
155												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-49ft



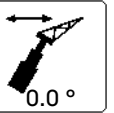
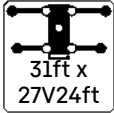
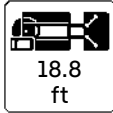
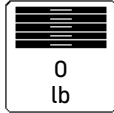
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
13													
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	18.5												
60	16.5												
70	15.2	17.0	17.5	17.5	17.4	17.3							
80	14.7	16.2	16.4	16.7	15.7	16.2	15.0	15.7	12.5	14.5	15.3	12.4	
90		13.6	12.3	12.8	11.4	12.1	10.8	11.7	11.9	10.4	11.5	11.9	
100		9.9	8.8	9.3	7.9	8.6	7.3	8.3	11.3	7.1	8.2	10.6	
110		7.1	5.8	6.4	5.0	5.8	4.5	5.5	8.8	4.2	5.5	8.1	
120		4.6	3.2	3.9	2.3	3.2		3.0	6.7		2.9	5.9	
130									4.7			4.0	
140									3.0				
150													
155													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+









TNZF: T NZF-49ft



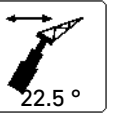
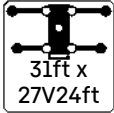
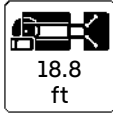
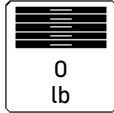
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	13											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70											
	80											
	90	10.1	11.5	11.7	10.2	11.3	9.8	10.0				
	100	7.0	8.5	9.5	7.3	8.4	8.8	7.2	7.7	6.9	6.5	6.3
	110	4.3	5.9	7.1	4.8	6.0	6.4	4.9	5.4	4.6	4.3	4.1
	120		3.7	4.9		3.9	4.4	2.6	3.5			
	130			2.9			2.5					
	140											
	150											
	155											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+

TNZF: T NZF-49ft



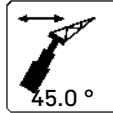
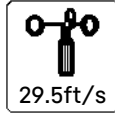
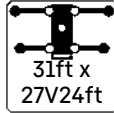
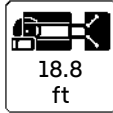
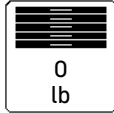
		x1000lb									
	ft										
	13	60.9									
	14	60.9									
	15	60.9									
	16	60.5									
	17	59.5									
	18	58.4									
	19	57.3									
	20	56.3									
	22	54.3									
	24	52.2									
	26	50.1									
	28	48.1									
	30	45.7									
	32	42.9									
	34	40.7									
	36	38.2									
	38	35.4									
	40	32.6									
	45	26.7									
	50	22.2									
	55	18.5									
	60	15.0									
	65	12.2									
	70	9.9									
	75	8.4									
	80	7.1									
	85	5.9									
	89	5.1									
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TNZF: T NZF-49ft



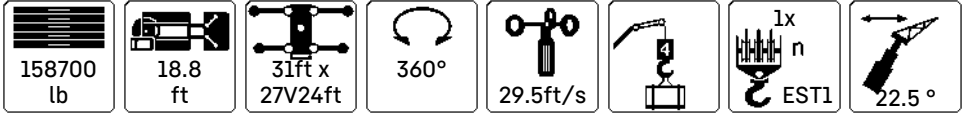
		x1000lb									
	ft										
	13										
	14										
	15										
	16										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30										
	32	30.7									
	34	29.5									
	36	28.3									
	38	27.2									
	40	26.2									
	45	24.0									
	50	22.1									
	55	20.4									
	60	18.0									
	65	14.7									
	70	12.0									
	75	9.7									
	80	8.1									
	85	6.6									
	89										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TNZF: T NZF-49ft



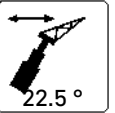
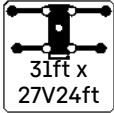
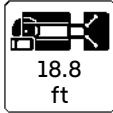
		x1000lb									
ft											
13											
14											
15											
16											
17											
18											
19											
20											
22											
24											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50	18.5										
55	17.4										
60	16.5										
65	15.8										
70	13.7										
75	10.9										
80	8.6										
85											
89											
%	1	0+									
%	2	0+									
%	3	0+									
%	4	0+									
%	5	0+									
%	6	0+									
%	7	0+									

TNZF: T NZF-72ft



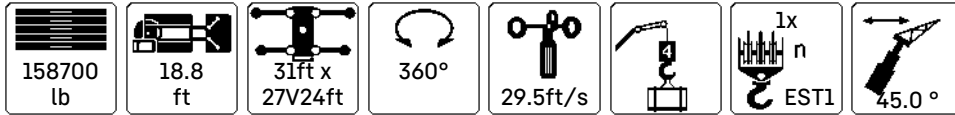
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	22												
	25												
	30												
	35												
	40												
	45	19.1											
	50	17.4											
	60	14.7											
	70	12.6	15.1	15.0	15.0	14.9	14.7						
	80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7
	90	9.8	12.8	12.8	12.8	12.8	12.6	12.6	13.1	9.3	12.9	12.5	9.2
	100	8.9	11.8	12.0	11.9	11.9	11.8	11.8	12.3	8.8	12.2	11.8	8.8
	110	8.5	11.0	11.2	11.1	11.2	11.1	11.1	11.6	8.4	11.5	11.2	8.3
	120		10.4	10.5	10.4	10.5	10.5	10.5	11.0	8.0	10.9	10.6	8.0
	130		9.8	10.0	9.9	10.0	9.9	10.0	10.4	7.6	10.4	10.2	7.6
	140		9.4	9.5	9.5	9.6	9.5	9.6	10.0	7.1	10.0	9.8	7.2
	150		9.0	9.1	9.1	9.2	9.2	9.2	9.6	6.7	9.6	9.4	6.8
	170		8.5	8.6	8.6	8.6	8.6	8.7	9.0	5.9	9.0	8.6	6.0
	190		8.3	8.3	8.3	8.3	8.3	8.3	8.0	5.2	8.3	7.3	5.3
	210					5.9	6.7	5.7	6.7	4.6	5.9	6.1	4.7
	230							3.1	4.2	3.9	3.3	4.4	4.2
	250												
	259												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



		x1000lb									
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2
ft	22										
	25										
	30										
	35										
	40										
	45										
	50										
	60										
	70										
	80										
	90	12.3	11.7	9.1	11.3	8.9	7.9				
	100	11.6	10.8	8.6	10.5	8.6	7.5	8.4	7.4	7.4	7.1
	110	11.0	10.1	8.3	9.9	8.2	7.1	8.0	7.0	7.0	6.8
	120	10.5	9.4	7.9	9.3	7.9	6.7	7.8	6.6	6.6	6.5
	130	10.1	8.9	7.6	8.8	7.5	6.4	7.4	6.3	6.3	6.2
	140	9.7	8.4	7.2	8.4	7.2	6.0	7.1	6.0	5.9	5.8
	150	9.4	8.0	6.8	7.9	6.8	5.7	6.7	5.6	5.6	5.5
	170	8.6	7.2	6.1	7.2	6.1	5.0	6.1	5.0	5.0	4.9
	190	7.5	6.5	5.4	6.5	5.5	4.3	5.5	4.2	4.5	4.3
	210	6.0	5.6	4.8	5.8	4.9	3.2	5.0	3.3	3.9	3.3
	230	3.5	4.6	4.0	3.9	4.3		4.2	2.3	3.5	2.4
	250		2.6	2.8		3.0				2.3	
	259			2.3		2.2					
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TNZF: T NZF-72ft



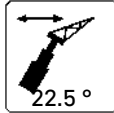
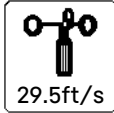
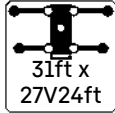
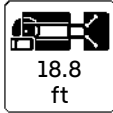
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
22													
25													
30													
35													
40													
45													
50													
60													
70	10.7												
80	9.6	10.4											
90	9.0	9.9	9.9	9.9	9.8	9.8							
100	8.6	9.5	9.5	9.5	9.5	9.4	9.4	9.9	7.7	9.8	9.7	7.6	
110		9.2	9.2	9.2	9.2	9.1	9.1	9.6	7.4	9.5	9.4	7.4	
120		8.9	8.9	8.9	8.9	8.9	8.9	9.3	7.1	9.3	9.2	7.1	
130		8.7	8.7	8.7	8.7	8.7	8.7	9.1	6.9	9.1	9.0	6.9	
140		8.5	8.6	8.5	8.5	8.5	8.5	8.9	6.8	8.9	8.8	6.8	
150		8.4	8.4	8.4	8.4	8.4	8.4	8.8	6.6	8.8	8.7	6.6	
170		8.4	8.4	8.4	8.3	8.3	8.3	8.7	6.0	8.6	8.5	6.0	
190			8.4	8.4	8.3	8.3	8.3	8.2	5.3	8.5	7.6	5.4	
210							5.8	6.8	4.8	6.3	6.2	4.9	
230													
250													
259													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	43.0											
	18	43.0											
	20	42.7											
	25	39.7											
	30	36.3											
	35	32.9	32.3										
	40	28.8	30.8	29.4	29.1	27.2	26.5						
	45	25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7				
	50	22.8	27.8	26.9	26.6	25.3	24.7	23.1	22.1	15.7	20.3	19.0	14.7
	60	18.5	25.1	24.5	24.3	23.4	22.9	21.7	20.9	14.8	19.4	18.2	14.2
	70	15.3	22.8	22.4	22.3	21.6	21.2	20.3	19.7	13.6	18.5	17.4	13.2
	80	12.9	20.4	20.5	20.3	20.0	19.6	18.9	18.5	12.4	17.6	16.6	12.1
	90	11.0	18.3	18.6	18.5	18.4	18.1	17.7	17.4	11.3	16.7	15.8	11.1
	100	9.6	16.6	16.9	16.8	16.9	16.7	16.5	16.4	10.3	15.8	14.9	10.2
	110	8.7	15.0	15.5	15.4	15.5	15.3	15.3	15.5	9.5	15.0	13.9	9.5
	120		13.8	14.1	14.1	14.3	14.1	14.2	14.5	8.8	14.3	12.9	8.8
	130		12.6	13.0	13.0	13.2	13.0	13.2	13.5	8.1	13.5	11.8	8.2
	140		11.6	12.0	12.0	12.3	12.1	12.3	12.4	7.5	12.4	10.9	7.6
	150		10.7	11.2	11.1	11.4	11.3	10.9	11.2	7.0	11.0	9.9	7.1
	170		9.5	8.8	9.2	8.1	8.7	7.6	8.7	6.0	7.7	8.3	6.2
	190		7.5	6.0	6.5	5.1	5.9	4.7	5.9	5.2	4.8	5.9	5.4
	210			3.7	4.2	2.8	3.6	2.3	3.5	4.5	2.4	3.5	4.7
	230									3.8			3.8
	250												2.2
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

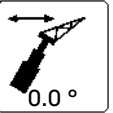
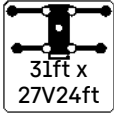
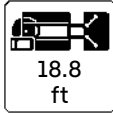
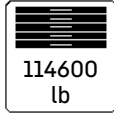
TNZF: T NZF-72ft












ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30													
35													
40													
45	19.1												
50	17.4												
60	14.7												
70	12.6	15.1	15.0	15.0	14.9	14.7							
80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7	
90	9.8	12.8	12.8	12.8	12.8	12.6	12.6	13.1	9.3	12.9	12.5	9.2	
100	8.9	11.8	12.0	11.9	11.9	11.8	11.8	12.3	8.8	12.2	11.8	8.8	
110	8.5	11.0	11.2	11.1	11.2	11.1	11.1	11.6	8.4	11.5	11.2	8.3	
120		10.4	10.5	10.4	10.5	10.5	10.5	11.0	8.0	10.9	10.6	8.0	
130		9.8	10.0	9.9	10.0	9.9	10.0	10.4	7.6	10.4	10.2	7.6	
140		9.4	9.5	9.5	9.6	9.5	9.6	10.0	7.1	10.0	9.8	7.2	
150		9.0	9.1	9.1	9.2	9.2	9.2	9.6	6.7	9.6	9.4	6.8	
170		8.5	8.6	8.6	8.6	8.6	8.7	9.0	5.9	9.0	8.6	6.0	
190		8.1	6.9	7.4	6.3	7.0	6.0	7.1	5.2	6.3	7.1	5.3	
210					3.5	4.3	3.3	4.4	4.6	3.5	4.5	4.7	
230									3.9		2.2	4.2	
250													

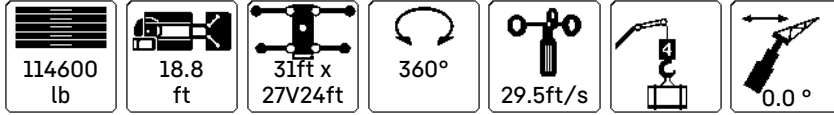
1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+

TNZF: T NZF-72ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	43.0											
	18	43.0											
	20	42.7											
	25	39.7											
	30	36.3											
	35	32.9	32.3										
	40	28.8	30.8	29.4	29.1	27.2	26.5						
	45	25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7				
	50	22.8	27.8	26.9	26.6	25.3	24.7	23.1	22.1	15.7	20.3	19.0	14.7
	60	18.5	25.1	24.5	24.3	23.4	22.9	21.7	20.9	14.8	19.4	18.2	14.2
	70	15.3	22.8	22.4	22.3	21.6	21.2	20.3	19.7	13.6	18.5	17.4	13.2
	80	12.9	20.4	20.5	20.3	20.0	19.6	18.9	18.5	12.4	17.6	16.6	12.1
	90	11.0	18.3	18.6	18.5	18.4	18.1	17.7	17.4	11.3	16.7	15.8	11.1
	100	9.6	16.6	16.9	16.8	16.9	16.7	16.5	16.4	10.3	15.8	14.9	10.2
	110	8.7	15.0	15.5	15.4	15.5	15.3	15.3	15.5	9.5	15.0	13.9	9.5
	120		13.8	14.1	14.1	14.3	14.1	14.1	14.5	8.8	13.9	12.9	8.8
	130		12.6	13.0	13.0	12.7	13.0	12.1	13.3	8.1	11.8	11.8	8.2
	140		11.6	11.2	11.6	10.3	11.0	9.8	11.0	7.5	9.7	10.7	7.6
	150		10.5	9.2	9.6	8.4	9.0	8.0	9.0	7.0	7.9	8.9	7.1
	170		7.5	6.1	6.6	5.2	6.0	4.7	6.0	6.0	4.8	6.0	6.2
	190		4.9	3.4	3.9	2.6	3.3		3.3	5.2		3.3	5.4
	210									4.2			3.4
	230									2.5			
	233									2.2			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

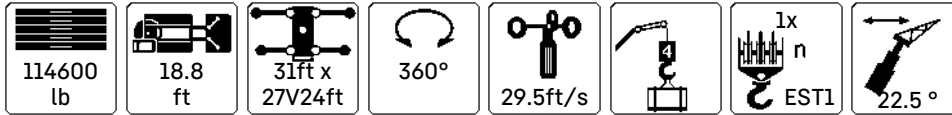
TNZF: T NZF-72ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
17													
18													
20													
25													
30													
35													
40													
45													
50	17.3												
60	16.8	15.3	12.9	13.7	11.8	9.6	10.6	8.9	8.7				
70	16.2	14.9	12.5	13.3	11.5	9.3	10.3	8.7	8.4	7.9			
80	15.5	14.1	11.7	13.0	11.2	8.8	10.0	8.4	8.2	7.7			
90	14.9	13.1	10.8	12.5	10.5	8.4	9.9	8.0	7.9	7.5			
100	14.3	12.0	10.0	11.6	9.8	8.0	9.5	7.6	7.5	7.2			
110	13.5	11.1	9.3	10.8	9.2	7.5	9.0	7.2	7.1	6.9			
120	12.6	10.2	8.7	10.1	8.7	7.1	8.5	6.9	6.8	6.5			
130	11.4	9.6	8.1	9.4	8.1	6.6	8.0	6.5	6.4	6.2			
140	9.4	9.0	7.6	8.8	7.6	6.2	7.5	6.1	6.0	5.9			
150	7.6	8.5	7.1	7.4	7.2	5.8	7.1	5.7	5.7	5.5			
170	4.6	5.9	6.3	4.6	5.9	4.8	4.6	4.8	4.4	4.1			
190		3.5	4.7		3.6	3.8	2.3	3.1					
210			2.5										
230													
233													

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

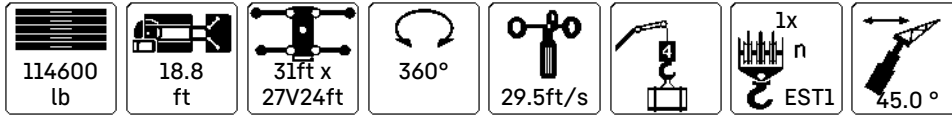
TNZF: T NZF-72ft











ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30													
35													
40													
45	19.1												
50	17.4												
60	14.7												
70	12.6	15.1	15.0	15.0	14.9	14.7							
80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7	
90	9.8	12.8	12.8	12.8	12.8	12.6	12.6	13.1	9.3	12.9	12.5	9.2	
100	8.9	11.8	12.0	11.9	11.9	11.8	11.8	12.3	8.8	12.2	11.8	8.8	
110	8.5	11.0	11.2	11.1	11.2	11.1	11.1	11.6	8.4	11.5	11.2	8.3	
120		10.4	10.5	10.4	10.5	10.5	10.5	11.0	8.0	10.9	10.6	8.0	
130		9.8	10.0	9.9	10.0	9.9	10.0	10.4	7.6	10.4	10.2	7.6	
140		9.4	9.5	9.5	9.6	9.5	9.6	10.0	7.1	10.0	9.8	7.2	
150		9.0	9.1	9.1	9.2	9.2	9.2	9.6	6.7	9.6	9.4	6.8	
170		8.3	7.4	7.8	6.8	7.4	6.5	7.5	5.9	6.6	7.5	6.0	
190		5.5	4.4	4.8	3.8	4.5	3.5	4.6	5.2	3.7	4.7	5.3	
210									4.6		2.2	4.3	
230									2.8			2.3	
233													

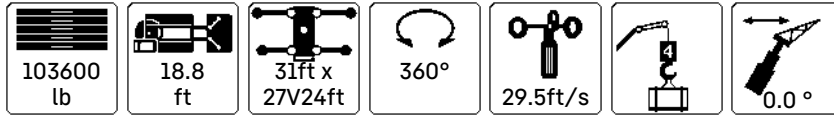
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



	ft	x1000lb												
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
	17													
	18													
	20													
	25													
	30													
	35													
	40													
	45													
	50													
	60													
	70													
	80													
	90													
	100													
	110	9.3	9.1	7.3	9.1	7.3	6.7	7.2						
	120	9.1	9.0	7.1	8.9	7.0	6.4	7.0	6.4	6.3	6.2			
	130	8.9	8.7	6.9	8.6	6.9	6.1	6.8	6.1	6.0	6.0			
	140	8.8	8.3	6.7	8.2	6.7	5.8	6.7	5.8	5.8	5.7			
	150	8.7	7.9	6.6	7.8	6.5	5.6	6.5	5.6	5.5	5.5			
	170	7.7	7.2	6.1	7.1	6.1	5.1	6.1	5.1	5.1	5.0			
	190	4.6	5.7	5.5	4.7	5.6	4.5	4.9	4.5	4.5	4.4			
	210		3.0	4.1		3.4	3.5	2.5	3.1	2.4				
	230													
	233													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+			
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+			

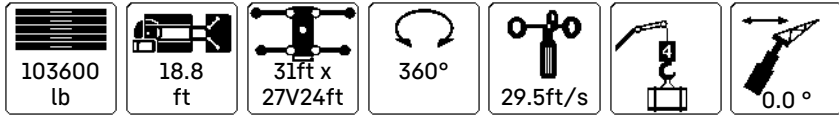
TNZF: T NZF-72ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17	43.0												
18	43.0												
20	42.7												
25	39.7												
30	36.3												
35	32.9	32.3											
40	28.8	30.8	29.4	29.1	27.2	26.5							
45	25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7					
50	22.8	27.8	26.9	26.6	25.3	24.7	23.1	22.1	15.7	20.3	19.0	14.7	
60	18.5	25.1	24.5	24.3	23.4	22.9	21.7	20.9	14.8	19.4	18.2	14.2	
70	15.3	22.8	22.4	22.3	21.6	21.2	20.3	19.7	13.6	18.5	17.4	13.2	
80	12.9	20.4	20.5	20.3	20.0	19.6	18.9	18.5	12.4	17.6	16.6	12.1	
90	11.0	18.3	18.6	18.5	18.4	18.1	17.7	17.4	11.3	16.7	15.8	11.1	
100	9.6	16.6	16.9	16.8	16.9	16.7	16.5	16.4	10.3	15.8	14.9	10.2	
110	8.7	15.0	15.5	15.4	15.5	15.3	15.1	15.4	9.5	14.5	13.9	9.5	
120		13.8	14.0	14.1	13.3	13.9	12.4	13.7	8.8	12.1	12.9	8.8	
130		12.6	11.5	12.0	10.6	11.4	10.0	11.3	8.1	9.8	10.9	8.2	
140		10.7	9.3	9.7	8.6	9.2	8.0	9.2	7.5	7.8	9.0	7.6	
150		8.9	7.6	8.0	6.9	7.5	6.1	7.5	7.0	6.1	7.3	7.1	
170		6.0	4.5	5.0	3.7	4.4	3.1	4.5	6.0	3.1	4.4	6.2	
190		3.6		2.6					5.0			4.2	
210									3.0			2.2	
228													

1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
EST1	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

TNZF: T NZF-72ft

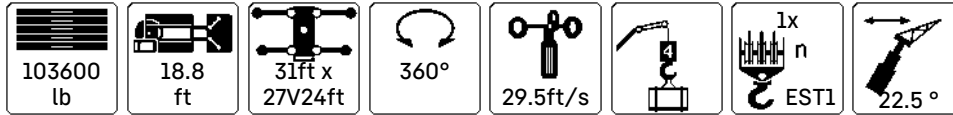


ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
17												
18												
20												
25												
30												
35												
40												
45												
50	17.3											
60	16.8	15.3	12.9	13.7	11.8	9.6	10.6	8.9	8.7			
70	16.2	14.9	12.5	13.3	11.5	9.3	10.3	8.7	8.4	7.9		
80	15.5	14.1	11.7	13.0	11.2	8.8	10.0	8.4	8.2	7.7		
90	14.9	13.1	10.8	12.5	10.5	8.4	9.9	8.0	7.9	7.5		
100	14.3	12.0	10.0	11.6	9.8	8.0	9.5	7.6	7.5	7.2		
110	13.5	11.1	9.3	10.8	9.2	7.5	9.0	7.2	7.1	6.9		
120	11.6	10.2	8.7	10.1	8.7	7.1	8.5	6.9	6.8	6.5		
130	9.4	9.6	8.1	9.0	8.1	6.6	8.0	6.5	6.4	6.2		
140	7.5	8.7	7.6	7.4	7.6	6.2	7.2	6.1	6.0	5.8		
150	5.9	7.1	7.1	5.7	6.9	5.8	5.7	5.7	5.4	5.1		
170	2.9	4.3	5.5	3.0	4.4	4.8	3.1	3.8	2.9	2.5		
190			3.3			2.7						
210												
228												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-72ft

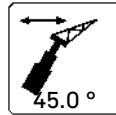
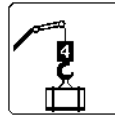
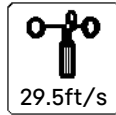
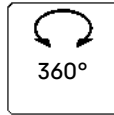
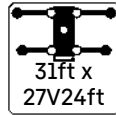
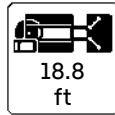
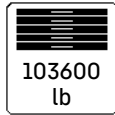
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30													
35													
40													
45	19.1												
50	17.4												
60	14.7												
70	12.6	15.1	15.0	15.0	14.9	14.7							
80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7	
90	9.8	12.8	12.8	12.8	12.8	12.6	12.6	13.1	9.3	12.9	12.5	9.2	
100	8.9	11.8	12.0	11.9	11.9	11.8	11.8	12.3	8.8	12.2	11.8	8.8	
110	8.5	11.0	11.2	11.1	11.2	11.1	11.1	11.6	8.4	11.5	11.2	8.3	
120		10.4	10.5	10.4	10.5	10.5	10.5	11.0	8.0	10.9	10.6	8.0	
130		9.8	10.0	9.9	10.0	9.9	10.0	10.4	7.6	10.4	10.2	7.6	
140		9.4	9.5	9.5	9.6	9.5	9.5	10.0	7.1	9.8	9.8	7.2	
150		9.0	9.0	9.1	8.6	9.1	8.3	9.1	6.7	8.3	9.1	6.8	
170		7.1	6.0	6.4	5.3	6.0	4.9	6.1	5.9	5.0	6.1	6.0	
190		4.1	3.0	3.5	2.4	3.1		3.2	5.2		3.3	5.3	
210									3.7			3.1	
228													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+









TNZF: T NZF-72ft



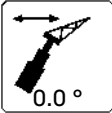
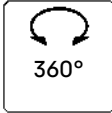
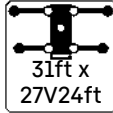
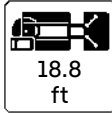
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90	12.3	11.7	9.1	11.3	8.9	7.9						
	100	11.6	10.8	8.6	10.5	8.6	7.5	8.4	7.4	7.4	7.1		
	110	11.0	10.1	8.3	9.9	8.2	7.1	8.0	7.0	7.0	6.8		
	120	10.5	9.4	7.9	9.3	7.9	6.7	7.8	6.6	6.6	6.5		
	130	10.1	8.9	7.6	8.8	7.5	6.4	7.4	6.3	6.3	6.2		
	140	9.6	8.4	7.2	8.4	7.2	6.0	7.1	6.0	5.9	5.8		
	150	8.1	8.0	6.8	7.8	6.8	5.7	6.7	5.6	5.6	5.5		
	170	4.9	6.0	6.1	4.8	5.9	5.0	4.9	5.0	4.8	4.4		
	190		3.5	4.5	2.2	3.6	4.0	2.4	3.1	2.3			
	210			2.3									
	228												
%		90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-72ft



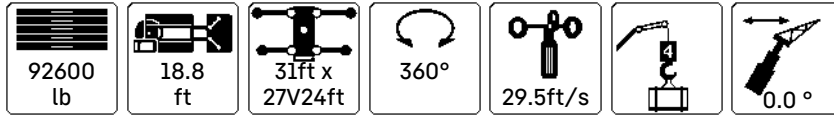
	ft	x1000lb									
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2
17											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70											
80											
90											
100											
110		9.3	9.1	7.3	9.1	7.3	6.7	7.2			
120		9.1	9.0	7.1	8.9	7.0	6.4	7.0	6.4	6.3	6.2
130		8.9	8.7	6.9	8.6	6.9	6.1	6.8	6.1	6.0	6.0
140		8.8	8.3	6.7	8.2	6.7	5.8	6.7	5.8	5.8	5.7
150		8.7	7.9	6.6	7.8	6.5	5.6	6.5	5.6	5.5	5.5
170		6.2	7.2	6.1	6.2	6.1	5.1	6.0	5.1	5.1	5.0
190		3.2	4.3	5.3	3.3	4.5	4.5	3.5	4.1	3.4	3.2
210				2.8			2.6				
228											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TNZF: T NZF-72ft



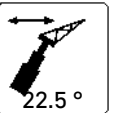
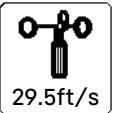
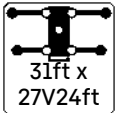
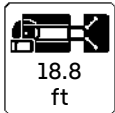
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	43.0											
	18	43.0											
	20	42.7											
	25	39.7											
	30	36.3											
	35	32.9	32.3										
	40	28.8	30.8	29.4	29.1	27.2	26.5						
	45	25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7				
	50	22.8	27.8	26.9	26.6	25.3	24.7	23.1	22.1	15.7	20.3	19.0	14.7
	60	18.5	25.1	24.5	24.3	23.4	22.9	21.7	20.9	14.8	19.4	18.2	14.2
	70	15.3	22.8	22.4	22.3	21.6	21.2	20.3	19.7	13.6	18.5	17.4	13.2
	80	12.9	20.4	20.5	20.3	20.0	19.6	18.9	18.5	12.4	17.6	16.6	12.1
	90	11.0	18.3	18.6	18.5	18.4	18.1	17.7	17.4	11.3	16.7	15.8	11.1
	100	9.6	16.6	16.9	16.8	16.6	16.7	15.8	16.4	10.3	15.3	14.9	10.2
	110	8.7	15.0	15.1	15.4	13.8	14.5	12.8	14.1	9.5	12.5	13.4	9.5
	120		13.5	12.1	12.6	11.1	11.8	10.3	11.6	8.8	10.0	11.1	8.8
	130		11.0	9.5	9.9	8.7	9.4	8.0	9.4	8.1	7.9	9.0	8.2
	140		9.0	7.7	8.1	6.7	7.6	6.0	7.5	7.5	6.0	7.2	7.6
	150		7.4	6.0	6.5	5.0	5.9	4.3	5.8	7.0	4.3	5.6	7.1
	170		4.5	3.0	3.5		2.9		2.9	5.8		2.7	5.2
	190		2.2							3.6			2.9
	210												
	220												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

TNZF: T NZF-72ft



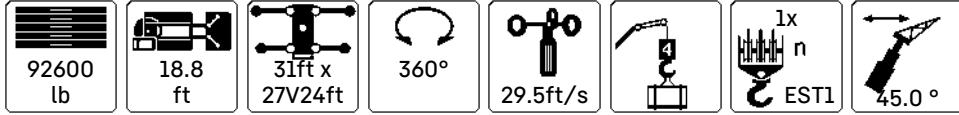
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
17												
18												
20												
25												
30												
35												
40												
45												
50	17.3											
60	16.8	15.3	12.9	13.7	11.8	9.6	10.6	8.9	8.7			
70	16.2	14.9	12.5	13.3	11.5	9.3	10.3	8.7	8.4	7.9		
80	15.5	14.1	11.7	13.0	11.2	8.8	10.0	8.4	8.2	7.7		
90	14.9	13.1	10.8	12.5	10.5	8.4	9.9	8.0	7.9	7.5		
100	14.2	12.0	10.0	11.6	9.8	8.0	9.5	7.6	7.5	7.2		
110	12.0	11.1	9.3	10.7	9.2	7.5	9.0	7.2	7.1	6.9		
120	9.6	10.2	8.7	9.3	8.7	7.1	8.5	6.9	6.8	6.5		
130	7.5	8.8	8.1	7.3	8.1	6.6	7.2	6.5	6.3	6.1		
140	5.7	7.0	7.6	5.6	6.9	6.2	5.6	6.0	5.4	4.9		
150	4.1	5.4	6.6	4.1	5.4	5.6	4.1	4.8	3.9	3.5		
170		2.7	4.0		2.8	3.4		2.2				
190												
210												
220												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-72ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
17													
18													
20													
25													
30													
35													
40													
45	19.1												
50	17.4												
60	14.7												
70	12.6	15.1	15.0	15.0	14.9	14.7							
80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7	
90	9.8	12.8	12.8	12.8	12.8	12.6	12.6	13.1	9.3	12.9	12.5	9.2	
100	8.9	11.8	12.0	11.9	11.9	11.8	11.8	12.3	8.8	12.2	11.8	8.8	
110	8.5	11.0	11.2	11.1	11.2	11.1	11.1	11.6	8.4	11.5	11.2	8.3	
120		10.4	10.5	10.4	10.5	10.5	10.5	11.0	8.0	10.9	10.6	8.0	
130		9.8	10.0	9.9	10.0	9.9	10.0	10.4	7.6	10.3	10.2	7.6	
140		9.4	9.3	9.4	8.9	9.3	8.6	9.5	7.1	8.5	9.3	7.2	
150		8.7	7.7	8.1	7.1	7.7	6.6	7.7	6.7	6.6	7.6	6.8	
170		5.7	4.5	4.9	3.8	4.5	3.3	4.6	5.9	3.3	4.5	6.0	
190		2.8							4.7			4.1	
210									2.5				
220													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
20											
25											
30											
35											
40											
45											
50											
60											
70											
80											
90											
100											
110	9.3	9.1	7.3	9.1	7.3	6.7	7.2				
120	9.1	9.0	7.1	8.9	7.0	6.4	7.0	6.4	6.3	6.2	
130	8.9	8.7	6.9	8.6	6.9	6.1	6.8	6.1	6.0	6.0	
140	8.8	8.3	6.7	8.2	6.7	5.8	6.7	5.8	5.8	5.7	
150	8.2	7.9	6.6	7.6	6.5	5.6	6.5	5.6	5.5	5.5	
170	4.7	5.7	6.1	4.7	5.8	5.1	4.8	5.1	4.6	4.4	
190		2.9	4.0		3.1	3.6		2.8			
210											
220											

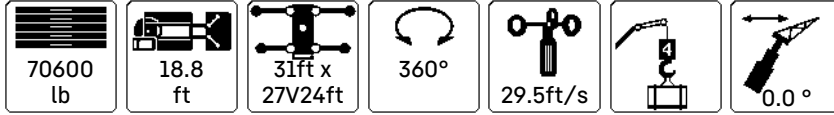
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TNZF: T NZF-72ft



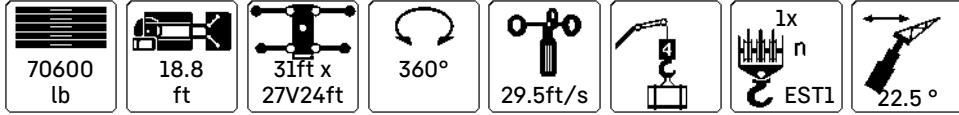
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17	43.0											
	18	43.0											
	20	42.7											
	25	39.7											
	30	36.3											
	35	32.9	32.3										
	40	28.8	30.8	29.4	29.1	27.2	26.5						
	45	25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7				
	50	22.8	27.8	26.9	26.6	25.3	24.7	23.1	22.1	15.7	20.3	19.0	14.7
	60	18.5	25.1	24.5	24.3	23.4	22.9	21.7	20.9	14.8	19.4	18.2	14.2
	70	15.3	22.8	22.4	22.3	21.6	21.2	20.3	19.7	13.6	18.5	17.4	13.2
	80	12.9	20.4	20.1	20.3	19.1	19.6	17.8	18.5	12.4	17.1	16.6	12.1
	90	11.0	18.3	16.4	16.9	15.0	15.8	13.9	15.3	11.3	13.5	14.6	11.1
	100	9.6	15.0	12.9	13.5	11.6	12.5	10.7	12.1	10.3	10.4	11.6	10.2
	110	8.7	11.7	10.0	10.6	8.7	9.6	7.9	9.5	9.5	7.9	9.0	9.5
	120		9.2	7.6	8.2	6.4	7.3	5.6	7.2	8.8	5.6	6.9	8.8
	130		7.3	5.5	6.1	4.4	5.2	3.6	5.2	8.1	3.6	5.0	7.3
	140		5.6	3.8	4.4	2.5	3.5		3.4	6.8		3.2	5.7
	150		4.0		2.8					5.4			4.4
	170									2.9			
	190												
	198												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

TNZF: T NZF-72ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
17													
18													
20													
25													
30													
35													
40													
45													
50		17.3											
60		16.8	15.3	12.9	13.7	11.8	9.6	10.6	8.9	8.7			
70		16.2	14.9	12.5	13.3	11.5	9.3	10.3	8.7	8.4	7.9		
80		15.5	14.1	11.7	13.0	11.2	8.8	10.0	8.4	8.2	7.7		
90		12.8	13.1	10.8	12.3	10.5	8.4	9.9	8.0	7.9	7.5		
100		9.9	11.1	10.0	9.6	9.8	8.0	9.2	7.6	7.5	7.2		
110		7.5	8.7	9.3	7.2	8.6	7.5	7.1	7.1	6.7	6.3		
120		5.4	6.7	7.8	5.3	6.6	6.9	5.2	5.8	4.9	4.5		
130		3.4	4.9	6.1	3.4	4.9	5.3	3.5	4.2	3.2			
140			3.2	4.6		3.4	3.9		2.6				
150				3.1			2.4						
170													
190													
198													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

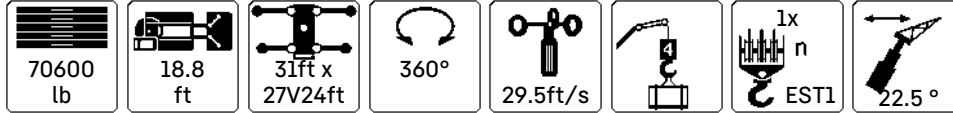
TNZF: T NZF-72ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
20													
25													
30													
35													
40													
45	19.1												
50	17.4												
60	14.7												
70	12.6	15.1	15.0	15.0	14.9	14.7							
80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7	
90	9.8	12.8	12.8	12.8	12.8	12.6	12.6	13.1	9.3	12.9	12.5	9.2	
100	8.9	11.8	12.0	11.9	11.9	11.8	11.8	12.3	8.8	12.2	11.8	8.8	
110	8.5	11.0	11.2	11.1	11.2	11.1	10.9	11.6	8.4	11.3	11.2	8.3	
120		10.4	10.3	10.3	9.6	10.2	8.9	10.1	8.0	8.8	9.7	8.0	
130		9.1	8.1	8.5	7.2	8.0	6.6	7.9	7.6	6.6	7.6	7.6	
140		7.3	6.1	6.6	5.2	5.9	4.6	5.9	7.1	4.7	5.8	7.2	
150		5.7	4.3	4.8	3.4	4.2	2.7	4.1	6.7	2.8	4.1	6.2	
170		2.6							4.3			3.5	
190													
198													

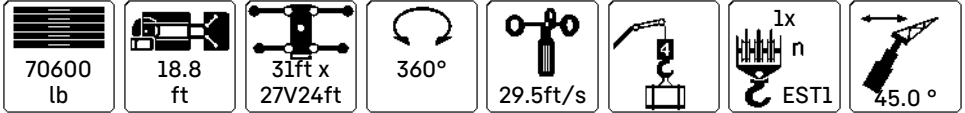
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
17												
18												
20												
25												
30												
35												
40												
45												
50												
60												
70												
80												
90	12.3	11.7	9.1	11.3	8.9	7.9						
100	11.6	10.8	8.6	10.5	8.6	7.5	8.4	7.4	7.4	7.1		
110	10.9	10.1	8.3	9.9	8.2	7.1	8.0	7.0	7.0	6.8		
120	8.5	9.2	7.9	8.2	7.9	6.7	7.7	6.6	6.6	6.5		
130	6.4	7.4	7.6	6.2	7.2	6.4	6.2	6.2	5.9	5.5		
140	4.6	5.7	6.6	4.5	5.6	5.8	4.5	5.0	4.2	3.9		
150	2.8	4.1	5.1	2.9	4.1	4.5	2.9	3.6	2.8	2.3		
170			2.3									
190												
198												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	

TNZF: T NZF-72ft



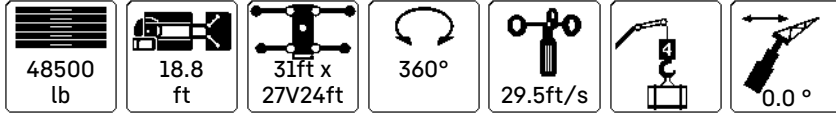
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	10.7											
	80	9.6	10.4										
	90	9.0	9.9	9.9	9.9	9.8	9.8						
	100	8.6	9.5	9.5	9.5	9.5	9.4	9.4	9.9	7.7	9.8	9.7	7.6
	110		9.2	9.2	9.2	9.2	9.1	9.1	9.6	7.4	9.5	9.4	7.4
	120		8.9	8.9	8.9	8.9	8.9	8.9	9.3	7.1	9.3	9.2	7.1
	130		8.7	8.7	8.7	8.7	8.7	8.6	9.1	6.9	8.9	8.9	6.9
	140		8.3	7.6	7.9	7.1	7.7	6.6	7.8	6.8	6.7	7.6	6.8
	150		6.6	5.8	6.1	5.0	5.7	4.5	5.8	6.6	4.7	5.7	6.6
	170		3.1		2.7				2.2	5.1		2.3	4.5
	190									2.5			
	198												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



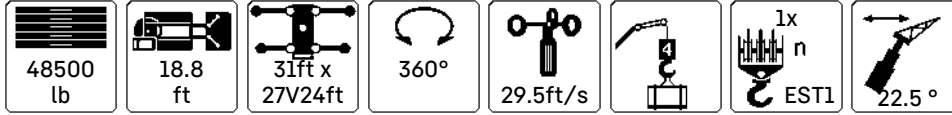
		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
		ft											
17		43.0											
18		43.0											
20		42.7											
25		39.7											
30		36.3											
35		32.9	32.3										
40		28.8	30.8	29.4	29.1	27.2	26.5						
45		25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7				
50		22.8	27.8	26.9	26.6	25.3	24.7	23.1	22.1	15.7	20.3	19.0	14.7
60		18.5	25.1	24.1	24.3	22.5	22.9	21.0	20.9	14.8	19.2	18.2	14.2
70		15.3	20.6	18.3	18.9	16.8	17.7	15.7	17.0	13.6	15.0	16.1	13.2
80		12.9	15.9	13.8	14.4	12.3	13.2	11.4	12.9	12.4	11.1	12.2	12.1
90		11.0	12.2	10.1	10.7	8.8	9.7	8.0	9.6	11.3	7.9	9.1	11.1
100		9.6	9.2	7.2	7.8	6.0	6.9	5.2	6.7	9.9	5.1	6.5	8.8
110		8.7	6.8	4.8	5.4	3.5	4.5		4.4	7.9	2.6	4.1	6.7
120			4.7	2.5	3.3					6.0			4.9
130			2.9							4.3			3.3
140										2.7			
150													
170													
178													
1		0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2		0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3		0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4		0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5		0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6		0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7		0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

TNZF: T NZF-72ft



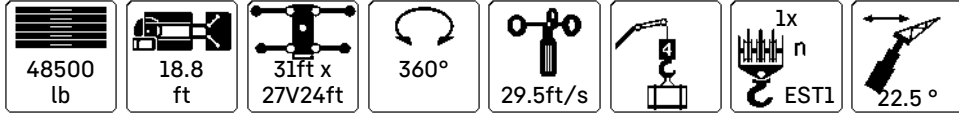
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	17.3											
	60	16.8	15.3	12.9	13.7	11.8	9.6	10.6	8.9	8.7			
	70	14.2	14.9	12.5	13.2	11.5	9.3	10.3	8.7	8.4	7.9		
	80	10.4	11.7	11.7	10.0	11.0	8.8	9.5	8.4	8.2	7.7		
	90	7.5	8.7	9.9	7.1	8.5	8.4	6.9	7.5	6.5	6.0		
	100	5.0	6.3	7.5	4.7	6.1	6.5	4.7	5.3	4.3	3.8		
	110	2.3	4.2	5.4		4.1	4.6	2.4	3.2				
	120			3.7			2.8						
	130												
	140												
	150												
	170												
	178												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TNZF: T NZF-72ft



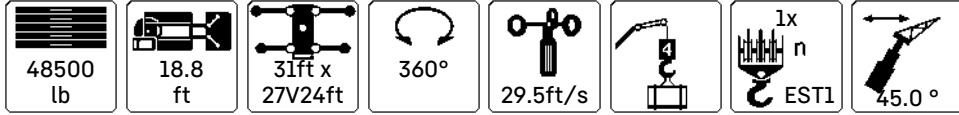
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45	19.1											
	50	17.4											
	60	14.7											
	70	12.6	15.1	15.0	15.0	14.9	14.7						
	80	11.0	13.8	13.8	13.8	13.7	13.6	13.5	14.0	9.8	13.8	13.3	9.7
	90	9.8	12.8	12.8	12.8	12.8	12.6	12.4	13.1	9.3	12.3	12.5	9.2
	100	8.9	11.8	11.1	11.5	10.1	10.8	9.4	10.6	8.8	9.3	10.1	8.8
	110	8.5	9.7	8.2	8.7	7.2	8.0	6.6	7.9	8.4	6.6	7.6	8.3
	120		7.4	5.8	6.3	4.8	5.6	4.2	5.6	7.8	4.3	5.4	7.3
	130		5.3	3.8	4.3	2.6	3.6		3.6	6.5		3.4	5.6
	140		3.6		2.3					4.9			4.0
	150									3.4			2.4
	170												
	178												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



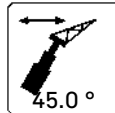
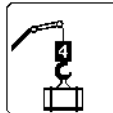
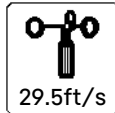
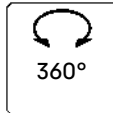
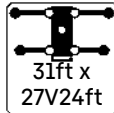
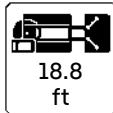
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90	11.7	11.7	9.1	11.2	8.9	7.9						
	100	8.8	9.8	8.6	8.4	8.6	7.5	8.1	7.4	7.4	7.0		
	110	6.4	7.3	8.2	6.1	7.2	7.1	6.0	6.4	5.6	5.3		
	120	4.2	5.3	6.3	4.1	5.2	5.6	4.0	4.6	3.8	3.4		
	130		3.4	4.6		3.5	3.9		2.9				
	140			2.9									
	150												
	170												
	178												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-72ft



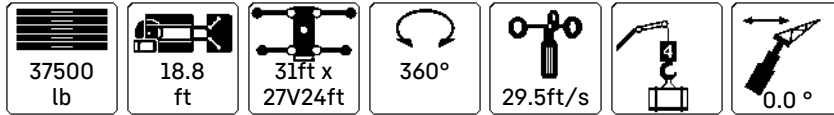
		x1000lb												
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
	ft													
	17													
18														
20														
25														
30														
35														
40														
45														
50														
60														
70		10.7												
80		9.6	10.4											
90		9.0	9.9	9.9	9.9	9.8	9.8							
100		8.6	9.5	9.5	9.5	9.5	9.4	9.4	9.9	7.7	9.8	9.7	7.6	
110			9.2	9.2	9.2	9.2	9.1	9.1	9.6	7.4	9.4	9.4	7.4	
120			8.8	8.2	8.5	7.5	8.1	7.0	8.1	7.1	7.1	7.9	7.1	
130			7.0	5.8	6.3	5.1	5.7	4.6	5.8	6.9	4.7	5.7	6.9	
140			5.1	3.7	4.2	2.9	3.6	2.4	3.8	6.4	2.5	3.7	5.6	
150			3.2							4.7			4.0	
170														
178														
		0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
	1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+

TNZF: T NZF-72ft



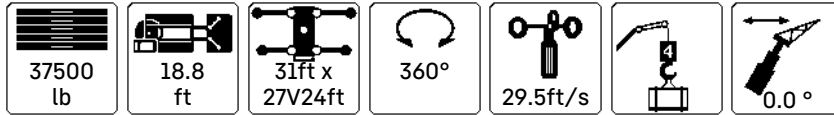
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
	17											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50											
	60											
	70											
	80											
	90											
	100											
	110	9.1	9.1	7.3	8.9	7.3	6.7	7.2				
	120	6.8	7.7	7.1	6.6	7.0	6.4	6.5	6.4	6.2	5.8	
	130	4.7	5.6	6.5	4.6	5.6	5.8	4.5	5.0	4.3	4.0	
	140	2.5	3.8	4.7		3.8	4.2	2.8	3.3	2.6		
	150			3.1			2.6					
	170											
	178											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	

TNZF: T NZF-72ft



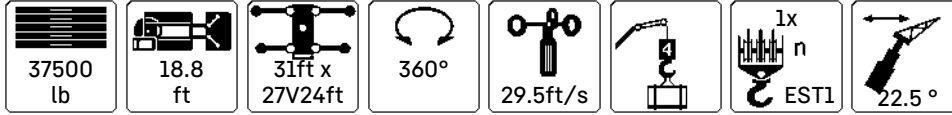
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17	43.0												
18	43.0												
19	43.0												
20	42.7												
22	41.6												
24	40.3												
26	39.0												
28	37.7												
30	36.3												
32	35.1												
34	33.7	32.5											
36	32.1	31.9											
38	30.4	31.3	29.9	29.6									
40	28.8	30.8	29.4	29.1	27.2	26.5							
45	25.5	29.3	28.1	27.8	26.3	25.6	23.9	22.7					
50	22.8	27.8	26.8	26.6	24.8	24.6	22.7	22.1	15.7	20.3	19.0	14.7	
55	20.5	25.8	23.2	23.9	21.5	22.4	19.9	20.9	15.3	18.9	18.5	14.4	
60	18.5	22.2	19.8	20.4	18.2	19.1	16.9	18.2	14.8	16.1	17.2	14.2	
65	16.7	19.2	16.9	17.5	15.3	16.3	14.3	15.7	14.2	13.7	14.8	13.8	
70	15.3	16.6	14.4	15.0	12.9	13.8	11.9	13.5	13.6	11.5	12.7	13.2	
75	14.0	14.4	12.2	12.8	10.8	11.7	9.8	11.4	13.0	9.7	10.8	12.7	
80	12.9	12.4	10.3	10.9	8.9	9.8	8.0	9.6	12.4	7.9	9.1	11.4	
85	11.9	10.6	8.5	9.1	7.2	8.1	6.3	7.9	11.3	6.3	7.6	9.9	
90	11.0	9.0	7.0	7.6	5.7	6.6	4.8	6.5	9.9	4.8	6.2	8.6	
95	10.2	7.6	5.6	6.2	4.4	5.3	3.3	5.1	8.6	3.1	4.9	7.4	
100	9.6	6.4	4.3	5.0	2.8	3.9		3.8	7.5		3.6	6.3	
105	9.1	5.2	2.9	3.7		2.6		2.5	6.4			5.3	
110	8.7	4.1		2.3					5.4			4.3	
115		2.9							4.5			3.3	
120									3.5			2.2	
125									2.6				
130													
135													
140													
145													
150													
155													
160													
165													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

TNZF: T NZF-72ft



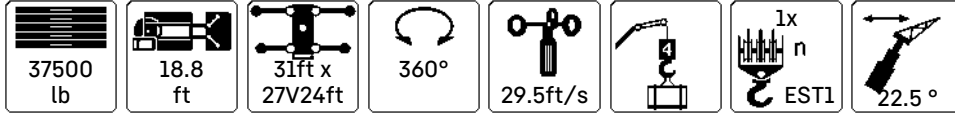
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
19											
20											
22											
24											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50	17.3										
55	16.8	15.5	13.1	14.0	12.0						
60	15.1	15.3	12.9	13.7	11.8	9.6	10.6	8.9	8.7		
65	12.8	14.0	12.7	12.1	11.6	9.4	10.4	8.8	8.5	8.1	
70	10.8	12.1	12.5	10.2	11.4	9.3	9.7	8.7	8.4	7.9	
75	9.0	10.3	11.4	8.6	9.9	9.1	8.3	8.4	7.6	7.1	
80	7.4	8.7	9.9	7.0	8.4	8.6	6.8	7.4	6.3	5.8	
85	6.0	7.3	8.5	5.7	7.1	7.4	5.5	6.1	5.1	4.5	
90	4.6	6.0	7.2	4.4	5.8	6.2	4.2	4.9	3.7	3.1	
95		4.8	6.1	3.0	4.7	5.1		3.7	2.4		
100		3.4	5.0		3.6	4.1		2.4			
105			3.9		2.4	3.0					
110			2.7								
115											
120											
125											
130											
135											
140											
145											
150											
155											
160											
165											
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-72ft



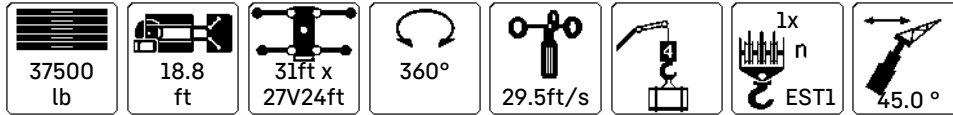
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
19													
20													
22													
24													
26													
28													
30													
32													
34													
36													
38													
40													
45	19.1												
50	17.4												
55	16.0												
60	14.7												
65	13.6	15.8	15.7	15.6									
70	12.6	15.1	15.0	15.0	14.9	14.7							
75	11.7	14.4	14.4	14.3	14.3	14.1	14.0	14.5					
80	11.0	13.8	13.8	13.8	13.7	13.6	13.1	14.0	9.8	12.9	13.3	9.7	
85	10.3	13.3	13.1	13.3	12.2	12.7	11.4	12.6	9.5	11.1	11.9	9.5	
90	9.8	12.7	11.4	11.9	10.4	11.0	9.6	10.9	9.3	9.5	10.4	9.2	
95	9.3	11.4	9.7	10.2	8.7	9.4	8.0	9.3	9.0	8.0	8.9	9.0	
100	8.9	9.9	8.2	8.7	7.2	7.9	6.6	7.9	8.8	6.6	7.6	8.8	
105	8.6	8.5	6.9	7.3	5.9	6.6	5.2	6.6	8.6	5.3	6.4	8.2	
110	8.5	7.2	5.6	6.1	4.6	5.4	3.9	5.4	8.1	4.1	5.2	7.1	
115		6.0	4.5	5.0	3.4	4.3	2.5	4.3	7.1		4.0	6.2	
120		5.0	3.4	3.9		3.1		3.0	6.1		2.9	5.2	
125		4.0		2.7					5.2			4.4	
130		3.0							4.4			3.5	
135									3.6			2.5	
140									2.7				
145													
150													
155													
160													
165													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



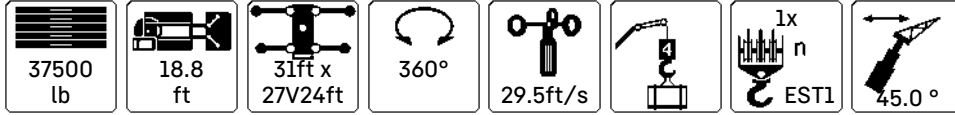
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38												
	40												
	45												
	50												
	55												
	60												
	65												
	70												
	75												
	80												
	85	10.5	11.5	9.3									
	90	9.0	9.9	9.1	8.6	8.9	7.9						
	95	7.6	8.5	8.9	7.2	8.3	7.7	7.0	7.4				
	100	6.3	7.3	8.2	6.0	7.1	7.3	5.9	6.3	5.5	5.1		
	105	5.1	6.1	7.1	4.9	6.0	6.3	4.8	5.2	4.4	4.1		
	110	3.9	5.1	6.1	3.8	5.0	5.3	3.7	4.3	3.4	2.9		
	115	2.6	4.1	5.1		4.0	4.4	2.6	3.3				
	120		3.0	4.2		3.0	3.5						
	125			3.3									
	130			2.3									
	135												
	140												
	145												
	150												
	155												
	160												
	165												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-72ft



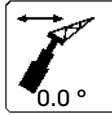
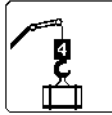
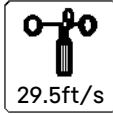
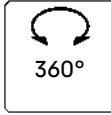
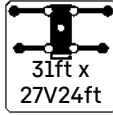
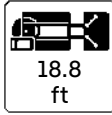
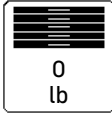
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
17													
18													
19													
20													
22													
24													
26													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55													
60													
65	11.3												
70	10.7												
75	10.1												
80	9.6	10.4											
85	9.3	10.1	10.1	10.1									
90	9.0	9.9	9.9	9.9	9.8	9.8							
95	8.7	9.7	9.7	9.7	9.6	9.6	9.6	10.0	7.8	9.9			
100	8.6	9.5	9.5	9.5	9.5	9.4	9.4	9.9	7.7	9.7	9.7	7.6	
105	8.6	9.3	9.3	9.3	9.1	9.2	8.6	9.5	7.5	8.6	9.2	7.5	
110		9.2	8.5	8.8	7.7	8.3	7.1	8.3	7.4	7.2	8.0	7.4	
115		8.3	7.1	7.5	6.3	6.9	5.8	7.0	7.3	5.9	6.8	7.3	
120		7.2	5.9	6.3	5.1	5.7	4.6	5.8	7.1	4.7	5.6	7.0	
125		6.0	4.7	5.1	3.9	4.6	3.4	4.6	7.0	3.6	4.5	6.3	
130		4.9	3.6	4.0	2.6	3.5		3.6	6.2		3.5	5.4	
135		3.9	2.4	2.9		2.3		2.4	5.3		2.3	4.5	
140		2.8							4.4			3.7	
145									3.6			2.8	
150									2.7				
155													
160													
165													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-72ft



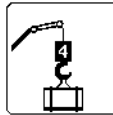
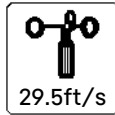
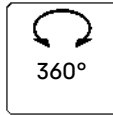
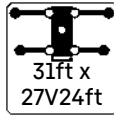
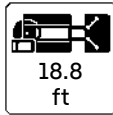
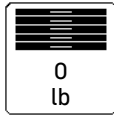
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
17											
18											
19											
20											
22											
24											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50											
55											
60											
65											
70											
75											
80											
85											
90											
95											
100											
105	8.2	8.9	7.4								
110	6.9	7.8	7.3	6.7	7.2	6.7	6.5				
115	5.8	6.6	7.2	5.6	6.5	6.6	5.5	5.8	5.1		
120	4.6	5.6	6.4	4.5	5.5	5.7	4.4	4.9	4.2	3.9	
125	3.5	4.6	5.4	3.6	4.5	4.8	3.5	3.9	3.2	2.8	
130		3.6	4.5	2.4	3.6	3.9	2.4	3.0			
135			3.7		2.7	3.1					
140			2.7								
145											
150											
155											
160											
165											
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TNZF: T NZF-72ft



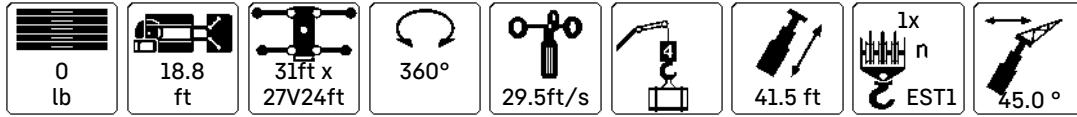
		x1000lb											
		ft											
	17	43.0											
	18	43.0											
	19	43.0											
	20	42.7											
	22	41.6											
	24	40.3											
	26	39.0											
	28	37.7											
	30	36.3											
	32	35.1											
	34	33.7											
	36	32.1											
	38	30.4											
	40	28.8											
	45	25.5											
	50	22.6											
	55	19.4											
	60	16.5											
	65	13.8											
	70	11.4											
	75	9.6											
	80	8.2											
	85	7.0											
	90	6.0											
	95	5.1											
	100	4.2											
	105	3.3											
	110	2.5											
	112	2.4											
	1	0+											
	2	0+											
	3	0+											
	4	0+											
	5	0+											
	6	0+											
	7	0+											

TNZF: T NZF-72ft



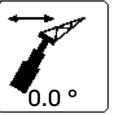
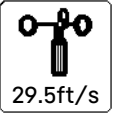
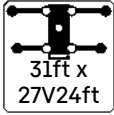
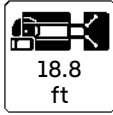
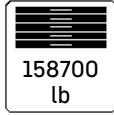
		x1000lb									
	ft										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45	19.1									
	50	17.4									
	55	16.0									
	60	14.7									
	65	13.6									
	70	12.6									
	75	11.7									
	80	10.3									
	85	8.8									
	90	7.6									
	95	6.4									
	100	5.4									
	105	4.4									
	110	3.0									
	112										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TNZF: T NZF-72ft



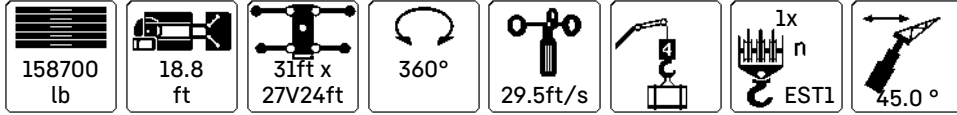
		x1000lb									
	ft										
	17										
	18										
	19										
	20										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60										
	65	11.3									
	70	10.7									
	75	10.1									
	80	9.6									
	85	9.3									
	90	8.9									
	95	7.6									
	100	6.2									
	105	4.6									
	110										
	112										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TNZF: T NZF-95ft



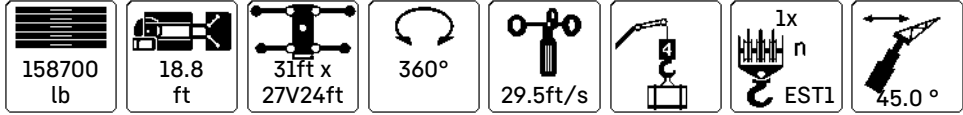
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	24												
	25												
	30												
	35												
	40												
	45												
	50												
	60	12.3	11.1	9.4	10.0	8.7							
	70	11.8	10.8	9.1	9.7	8.5	7.1	7.8	6.5	6.3	5.9		
	80	11.3	10.4	9.0	9.5	8.3	6.9	7.6	6.4	6.2	5.8		
	90	10.8	10.0	8.6	9.3	8.1	6.7	7.4	6.2	6.0	5.6		
	100	10.3	9.7	8.1	9.1	7.9	6.4	7.3	6.0	5.9	5.4		
	110	9.9	9.1	7.6	8.8	7.5	6.1	7.2	5.8	5.7	5.4		
	120	9.5	8.5	7.2	8.3	7.1	5.7	6.9	5.5	5.4	5.2		
	130	9.1	8.0	6.7	7.8	6.7	5.4	6.5	5.2	5.1	4.9		
	140	8.7	7.5	6.3	7.4	6.3	5.0	6.2	4.9	4.8	4.6		
	150	8.4	7.0	5.9	7.0	5.9	4.7	5.8	4.6	4.5	4.3		
	170	7.5	6.2	5.1	6.2	5.2	4.0	5.1	3.9	3.9	3.7		
	190	6.5	5.5	4.4	5.5	4.5	3.0	4.5	3.0	3.3	2.8		
	210	5.2	4.7	3.9	4.8	3.9		4.0		2.8			
	230	3.0	3.7	3.1	3.1	3.3		3.2		2.2			
	250		2.4			2.5							
	267												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		









TNZF: T NZF-95ft



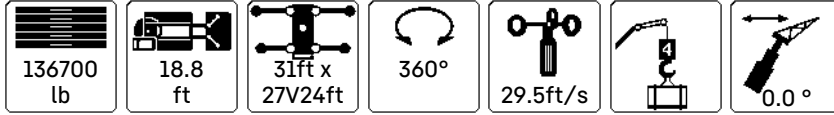
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
24													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90	7.2												
100	6.6	6.8											
110	6.1	6.5	6.9	6.9	6.9	6.8							
120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.5	6.4	5.0	
130		6.0	6.4	6.4	6.4	6.4	6.4	6.3	4.9	6.3	6.2	4.9	
140		5.8	6.2	6.2	6.2	6.2	6.1	6.1	4.7	6.1	6.0	4.7	
150		5.7	6.0	6.0	6.0	6.0	6.0	6.0	4.6	6.0	5.9	4.5	
170		5.5	5.8	5.8	5.8	5.8	5.8	5.7	4.3	5.7	5.7	4.3	
190		5.5	5.7	5.7	5.7	5.7	5.6	5.6	4.2	5.6	5.6	4.1	
210			5.7	5.7	5.7	5.7	5.6	5.6	3.7	5.6	5.6	3.8	
230							4.6	5.3	3.3	4.8	4.8	3.4	
250													
267													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



 ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2			
24													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90													
100													
110													
120													
130	6.2	6.1	4.8	6.0	4.8								
140	6.0	5.9	4.7	5.9	4.6	4.4	4.6	4.4	4.4				
150	5.9	5.8	4.5	5.7	4.5	4.2	4.5	4.2	4.2	4.1			
170	5.7	5.6	4.3	5.5	4.3	3.8	4.2	3.8	3.8	3.7			
190	5.5	5.2	4.1	5.2	4.1	3.4	4.1	3.4	3.4	3.4			
210	5.5	4.7	3.9	4.8	3.9	3.0	3.9	3.1	3.1	3.0			
230	5.0	4.3	3.5	4.4	3.5		3.6	2.3	2.7	2.3			
250	2.5	3.3	2.6	3.0	3.1		3.1		2.3				
267													
 % 1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+			
 % 2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
 % 3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+			
 % 4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
 % 5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
 % 6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+			
 % 7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+			

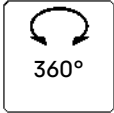
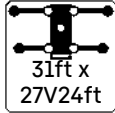
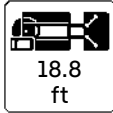
TNZF: T NZF-95ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21													
25													
30													
35													
40													
45													
50													
60		12.3	11.1	9.4	10.0	8.7							
70		11.8	10.8	9.1	9.7	8.5	7.1	7.8	6.5	6.3	5.9		
80		11.3	10.4	9.0	9.5	8.3	6.9	7.6	6.4	6.2	5.8		
90		10.8	10.0	8.6	9.3	8.1	6.7	7.4	6.2	6.0	5.6		
100		10.3	9.7	8.1	9.1	7.9	6.4	7.3	6.0	5.9	5.4		
110		9.9	9.1	7.6	8.8	7.5	6.1	7.2	5.8	5.7	5.4		
120		9.5	8.5	7.2	8.3	7.1	5.7	6.9	5.5	5.4	5.2		
130		9.1	8.0	6.7	7.8	6.7	5.4	6.5	5.2	5.1	4.9		
140		8.7	7.5	6.3	7.4	6.3	5.0	6.2	4.9	4.8	4.6		
150		8.4	7.0	5.9	7.0	5.9	4.7	5.8	4.6	4.5	4.3		
170		7.3	6.2	5.1	6.2	5.2	4.0	5.1	3.9	3.9	3.7		
190		4.9	5.5	4.4	4.7	4.5	3.0	4.5	3.0	3.3	2.8		
210		2.7	3.9	3.9	2.7	3.8		2.7		2.5			
230				3.0									
250													
259													

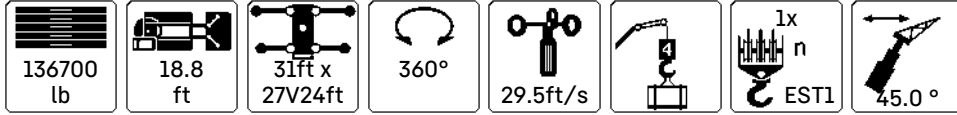
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TNZF: T NZF-95ft



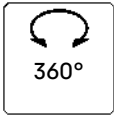
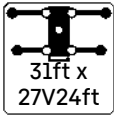
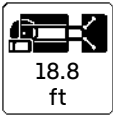
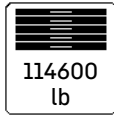
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
21													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90	7.2												
100	6.6	6.8											
110	6.1	6.5	6.9	6.9	6.9	6.9	6.8						
120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.5	6.4	5.0
130		6.0	6.4	6.4	6.4	6.4	6.4	6.4	6.3	4.9	6.3	6.2	4.9
140		5.8	6.2	6.2	6.2	6.2	6.2	6.1	6.1	4.7	6.1	6.0	4.7
150		5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.6	6.0	5.9	4.5
170		5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.7	4.3	5.7	5.7	4.3
190		5.5	5.7	5.7	5.7	5.7	5.7	5.6	5.6	4.2	5.6	5.6	4.1
210			5.7	5.7	5.4	5.7	5.3	5.6	3.7	5.5	5.6	3.8	
230							2.4	3.3	3.3	2.7	3.6	3.4	
250													
259													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



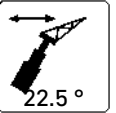
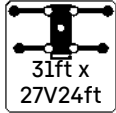
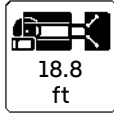
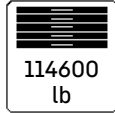
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90													
100													
110													
120													
130		6.2	6.1	4.8	6.0	4.8							
140		6.0	5.9	4.7	5.9	4.6	4.4	4.6	4.4	4.4			
150		5.9	5.8	4.5	5.7	4.5	4.2	4.5	4.2	4.2	4.1		
170		5.7	5.6	4.3	5.5	4.3	3.8	4.2	3.8	3.8	3.7		
190		5.5	5.2	4.1	5.2	4.1	3.4	4.1	3.4	3.4	3.4		
210		5.4	4.7	3.9	4.8	3.9	3.0	3.9	3.1	3.1	3.0		
230		3.0	4.0	3.5	3.2	3.5		3.3	2.3	2.7	2.3		
250				2.5									
259													
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



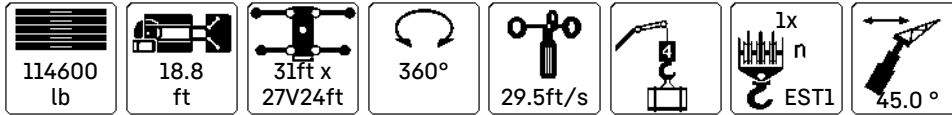
		x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
ft	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60	12.4											
	70	10.5											
	80	9.2	10.0	10.7	10.6								
	90	8.2	9.3	9.8	9.8	9.8	9.7	9.6	9.4		9.2		
	100	7.3	8.6	9.2	9.1	9.1	9.1	9.0	8.8	6.6	8.8	8.5	6.6
	110	6.7	8.1	8.6	8.6	8.6	8.5	8.5	8.4	6.3	8.3	8.1	6.2
	120	6.1	7.6	8.1	8.1	8.1	8.1	8.1	8.0	5.9	7.9	7.7	5.9
	130	5.7	7.2	7.7	7.7	7.7	7.7	7.7	7.6	5.6	7.5	7.4	5.6
	140		6.8	7.3	7.3	7.4	7.3	7.3	7.2	5.3	7.2	7.0	5.4
	150		6.5	7.0	6.9	7.0	6.9	7.0	6.9	5.1	6.9	6.8	5.1
	170		5.9	6.4	6.3	6.4	6.4	6.4	6.4	4.7	6.4	6.3	4.7
	190		5.5	5.8	5.9	5.2	5.7	4.9	5.6	4.2	4.5	5.4	4.2
	210		4.0	3.1	3.5	2.5	3.2		3.1	3.6		3.1	3.7
	230									3.1			2.9
	243									2.2			
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



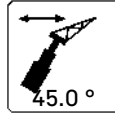
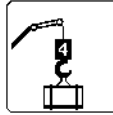
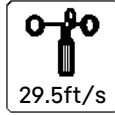
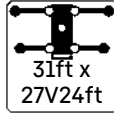
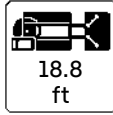
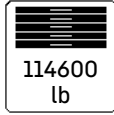
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21												
25												
30												
35												
40												
45												
50												
60												
70												
80												
90												
100	8.4	8.1	6.5									
110	8.0	7.7	6.2	7.6	6.1	5.6	6.0					
120	7.6	7.4	5.8	7.3	5.8	5.3	5.7	5.2	5.2	5.0		
130	7.3	7.1	5.6	7.0	5.5	5.0	5.4	4.9	4.9	4.8		
140	7.0	6.8	5.3	6.7	5.3	4.7	5.2	4.6	4.6	4.5		
150	6.8	6.5	5.1	6.5	5.1	4.4	5.0	4.4	4.4	4.3		
170	6.3	5.8	4.7	5.8	4.7	3.9	4.6	3.9	3.9	3.9		
190	4.3	5.1	4.3	4.2	4.3	3.4	4.2	3.5	3.4	3.3		
210		3.1	3.8		3.1	2.7		2.7				
230												
243												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	

TNZF: T NZF-95ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90	7.2											
	100	6.6	6.8										
	110	6.1	6.5	6.9	6.9	6.9	6.8						
	120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.5	6.4	5.0
	130		6.0	6.4	6.4	6.4	6.4	6.4	6.3	4.9	6.3	6.2	4.9
	140		5.8	6.2	6.2	6.2	6.2	6.1	6.1	4.7	6.1	6.0	4.7
	150		5.7	6.0	6.0	6.0	6.0	6.0	6.0	4.6	6.0	5.9	4.5
	170		5.5	5.8	5.8	5.8	5.8	5.8	5.7	4.3	5.7	5.7	4.3
	190		5.5	5.7	5.7	5.7	5.7	5.6	5.6	4.2	5.6	5.6	4.1
	210			3.4	3.8	3.2	3.8	3.1	3.9	3.7	3.2	4.0	3.8
	230									3.3			3.3
	243												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

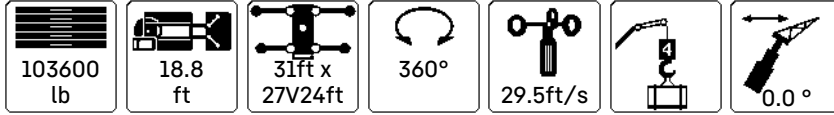
TNZF: T NZF-95ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90													
100													
110													
120													
130		6.2	6.1	4.8	6.0	4.8							
140		6.0	5.9	4.7	5.9	4.6	4.4	4.6	4.4	4.4			
150		5.9	5.8	4.5	5.7	4.5	4.2	4.5	4.2	4.2	4.1		
170		5.7	5.6	4.3	5.5	4.3	3.8	4.2	3.8	3.8	3.7		
190		5.5	5.2	4.1	5.2	4.1	3.4	4.1	3.4	3.4	3.4		
210		3.2	4.1	3.9	3.2	3.9	3.0	3.3	3.1	3.1	2.8		
230				2.8									
243													

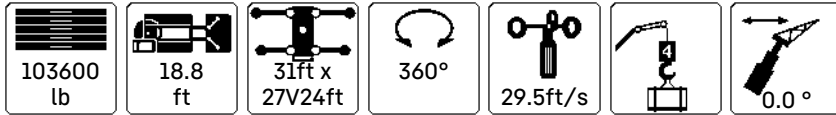
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



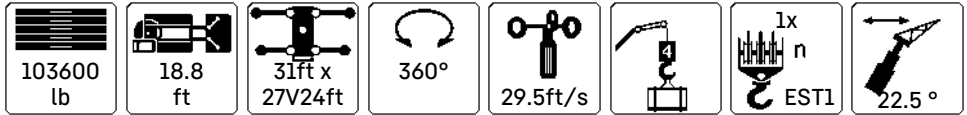
		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
21	31.3													
25	30.9													
30	28.8													
35	26.7													
40	24.7	23.2	22.1	21.9										
45	22.5	22.1	21.3	21.1	19.8	19.2								
50	20.0	21.0	20.5	20.2	19.1	18.6	17.3	16.5	11.4	15.1				
60	16.1	19.0	18.8	18.6	17.7	17.3	16.2	15.5	11.0	14.4	13.5	10.2		
70	13.1	17.2	17.2	17.1	16.4	16.1	15.2	14.6	10.3	13.7	12.8	9.9		
80	11.0	15.5	15.8	15.7	15.2	14.9	14.2	13.7	9.6	12.9	12.2	9.4		
90	9.4	13.8	14.6	14.5	14.1	13.8	13.3	12.9	9.0	12.2	11.5	8.8		
100	8.2	12.4	13.3	13.2	13.1	12.8	12.4	12.0	8.4	11.5	10.9	8.3		
110	7.3	11.2	12.1	12.0	12.0	11.8	11.6	11.3	7.8	10.9	10.4	7.8		
120	6.6	10.1	11.1	11.0	11.1	10.9	10.8	10.5	7.3	10.3	9.8	7.3		
130	5.9	9.3	10.1	10.0	10.2	10.1	9.9	9.8	6.8	9.4	9.4	6.8		
140		8.6	9.4	9.3	9.1	9.4	8.4	9.0	6.3	7.8	8.6	6.3		
150		8.0	8.3	8.6	7.5	8.1	6.7	7.6	5.8	6.1	7.2	5.9		
170		6.5	5.3	5.8	4.5	5.2	3.7	4.7	5.0	3.3	4.4	5.1		
190		4.0	2.8	3.3		2.7		2.3	4.2			4.2		
210									3.1				2.3	
230														
232														
%		1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%		2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%		3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	
%		4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	
%		5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	
%		6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	
%		7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	
n		EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-95ft



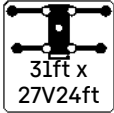
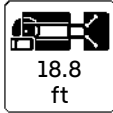
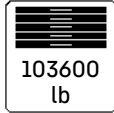
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60	12.3	11.1	9.4	10.0	8.7							
	70	11.8	10.8	9.1	9.7	8.5	7.1	7.8	6.5	6.3	5.9		
	80	11.3	10.4	9.0	9.5	8.3	6.9	7.6	6.4	6.2	5.8		
	90	10.8	10.0	8.6	9.3	8.1	6.7	7.4	6.2	6.0	5.6		
	100	10.3	9.7	8.1	9.1	7.9	6.4	7.3	6.0	5.9	5.4		
	110	9.9	9.1	7.6	8.8	7.5	6.1	7.2	5.8	5.7	5.4		
	120	9.5	8.5	7.2	8.3	7.1	5.7	6.9	5.5	5.4	5.2		
	130	9.1	8.0	6.7	7.8	6.7	5.4	6.5	5.2	5.1	4.9		
	140	7.4	7.5	6.3	7.0	6.3	5.0	6.2	4.9	4.8	4.6		
	150	5.8	6.9	5.9	5.6	5.9	4.7	5.4	4.6	4.5	4.3		
	170	3.1	4.2	5.0	3.0	4.2	4.0	2.9	3.5	2.6	2.3		
	190			3.1			2.5						
	210												
	230												
	232												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TNZF: T NZF-95ft



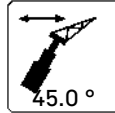
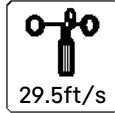
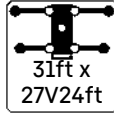
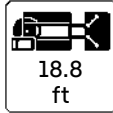
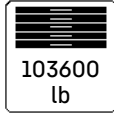
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60	12.4											
	70	10.5											
	80	9.2	10.0	10.7	10.6								
	90	8.2	9.3	9.8	9.8	9.8	9.7	9.6	9.4		9.2		
	100	7.3	8.6	9.2	9.1	9.1	9.1	9.0	8.8	6.6	8.8	8.5	6.6
	110	6.7	8.1	8.6	8.6	8.6	8.5	8.5	8.4	6.3	8.3	8.1	6.2
	120	6.1	7.6	8.1	8.1	8.1	8.1	8.1	8.0	5.9	7.9	7.7	5.9
	130	5.7	7.2	7.7	7.7	7.7	7.7	7.7	7.6	5.6	7.5	7.4	5.6
	140		6.8	7.3	7.3	7.4	7.3	7.3	7.2	5.3	7.2	7.0	5.4
	150		6.5	7.0	6.9	7.0	6.9	7.0	6.9	5.1	6.9	6.8	5.1
	170		5.9	6.4	6.3	6.4	6.4	6.2	6.4	4.7	5.8	6.3	4.7
	190		5.3	4.4	4.8	3.8	4.4	3.3	4.2	4.2	3.0	4.0	4.2
	210		2.8		2.3					3.6			3.6
	230									2.3			
	232												
<hr/>													
	1%	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2%	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3%	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4%	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5%	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6%	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7%	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



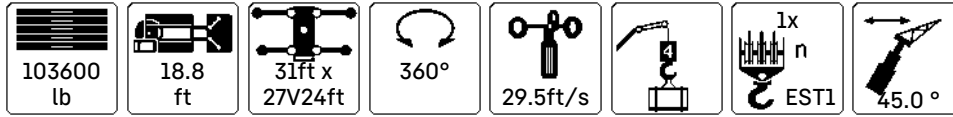
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
21											
25											
30											
35											
40											
45											
50											
60											
70											
80											
90											
100	8.4	8.1	6.5								
110	8.0	7.7	6.2	7.6	6.1	5.6	6.0				
120	7.6	7.4	5.8	7.3	5.8	5.3	5.7	5.2	5.2	5.0	
130	7.3	7.1	5.6	7.0	5.5	5.0	5.4	4.9	4.9	4.8	
140	7.0	6.8	5.3	6.7	5.3	4.7	5.2	4.6	4.6	4.5	
150	6.8	6.5	5.1	6.5	5.1	4.4	5.0	4.4	4.4	4.3	
170	5.5	5.8	4.7	5.3	4.7	3.9	4.6	3.9	3.9	3.9	
190	2.9	3.9	4.3	2.9	3.9	3.4	2.9	3.3	2.7	2.4	
210			2.8			2.3					
230											
232											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TNZF: T NZF-95ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
21													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90	7.2												
100	6.6	6.8											
110	6.1	6.5	6.9	6.9	6.9	6.8							
120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.5	6.4	5.0	
130		6.0	6.4	6.4	6.4	6.4	6.4	6.3	4.9	6.3	6.2	4.9	
140		5.8	6.2	6.2	6.2	6.2	6.1	6.1	4.7	6.1	6.0	4.7	
150		5.7	6.0	6.0	6.0	6.0	6.0	6.0	4.6	6.0	5.9	4.5	
170		5.5	5.8	5.8	5.8	5.8	5.8	5.7	4.3	5.7	5.7	4.3	
190		5.5	5.3	5.7	5.0	5.5	4.8	5.4	4.2	4.6	5.3	4.1	
210				2.6		2.5		2.6	3.7		2.8	3.8	
230									2.5				
232									2.3				
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



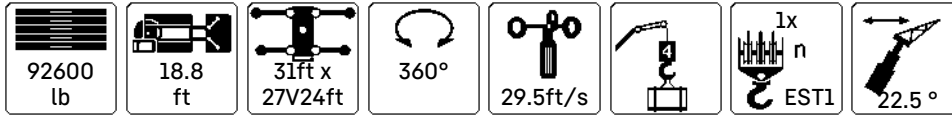
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90												
	100												
	110												
	120												
	130	6.2	6.1	4.8	6.0	4.8							
	140	6.0	5.9	4.7	5.9	4.6	4.4	4.6	4.4	4.4			
	150	5.9	5.8	4.5	5.7	4.5	4.2	4.5	4.2	4.2	4.1		
	170	5.7	5.6	4.3	5.5	4.3	3.8	4.2	3.8	3.8	3.7		
	190	4.5	5.1	4.1	4.4	4.1	3.4	4.1	3.4	3.4	3.4		
	210		2.9	3.7		3.0	3.0		2.6				
	230												
	232												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



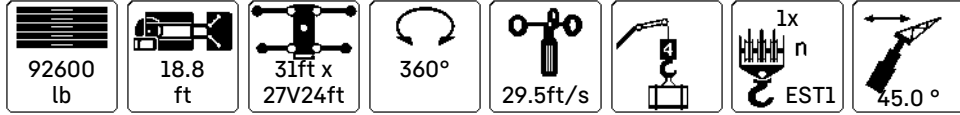
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	21	31.3											
	25	30.9											
	30	28.8											
	35	26.7											
	40	24.7	23.2	22.1	21.9								
	45	22.5	22.1	21.3	21.1	19.8	19.2						
	50	20.0	21.0	20.5	20.2	19.1	18.6	17.3	16.5	11.4	15.1		
	60	16.1	19.0	18.8	18.6	17.7	17.3	16.2	15.5	11.0	14.4	13.5	10.2
	70	13.1	17.2	17.2	17.1	16.4	16.1	15.2	14.6	10.3	13.7	12.8	9.9
	80	11.0	15.5	15.8	15.7	15.2	14.9	14.2	13.7	9.6	12.9	12.2	9.4
	90	9.4	13.8	14.6	14.5	14.1	13.8	13.3	12.9	9.0	12.2	11.5	8.8
	100	8.2	12.4	13.3	13.2	13.1	12.8	12.4	12.0	8.4	11.5	10.9	8.3
	110	7.3	11.2	12.1	12.0	12.0	11.8	11.6	11.3	7.8	10.9	10.4	7.8
	120	6.6	10.1	11.1	11.0	11.1	10.9	10.5	10.5	7.3	9.7	9.8	7.3
	130	5.9	9.3	10.0	10.0	9.3	9.9	8.4	9.3	6.8	7.8	8.7	6.8
	140		8.6	8.4	8.7	7.4	8.1	6.6	7.5	6.3	6.0	7.1	6.3
	150		7.7	6.8	7.2	5.6	6.4	4.9	5.9	5.8	4.4	5.5	5.9
	170		5.0	3.8	4.3	2.8	3.6		3.1	5.0		2.8	4.9
	190		2.7							3.8			2.9
	210												
	224												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-95ft



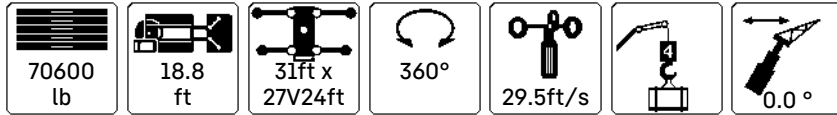
		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	ft												
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90												
	100		8.4	8.1	6.5								
	110		8.0	7.7	6.2	7.6	6.1	5.6	6.0				
	120		7.6	7.4	5.8	7.3	5.8	5.3	5.7	5.2	5.2	5.0	
	130		7.3	7.1	5.6	7.0	5.5	5.0	5.4	4.9	4.9	4.8	
	140		7.0	6.8	5.3	6.7	5.3	4.7	5.2	4.6	4.6	4.5	
	150		6.8	6.5	5.1	6.3	5.1	4.4	5.0	4.4	4.4	4.3	
	170		4.1	5.0	4.7	3.9	4.6	3.9	3.9	3.9	3.6	3.4	
190			2.6	3.6		2.6	3.0						
210													
224													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



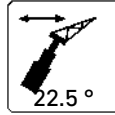
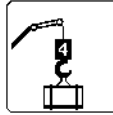
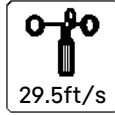
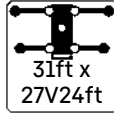
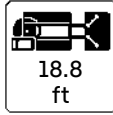
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
		21											
25													
30													
35													
40													
45													
50													
60													
70													
80													
90													
100													
110													
120													
130		6.2	6.1	4.8	6.0	4.8							
140		6.0	5.9	4.7	5.9	4.6	4.4	4.6	4.4	4.4			
150		5.9	5.8	4.5	5.7	4.5	4.2	4.5	4.2	4.2	4.1		
170		5.7	5.6	4.3	5.4	4.3	3.8	4.2	3.8	3.8	3.7		
190		3.1	4.0	4.1	3.1	3.9	3.4	3.2	3.4	3.0	2.8		
210				2.6									
224													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



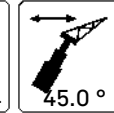
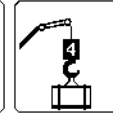
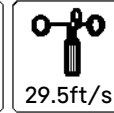
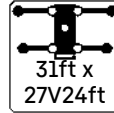
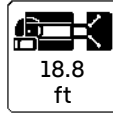
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	21	31.3											
	25	30.9											
	30	28.8											
	35	26.7											
	40	24.7	23.2	22.1	21.9								
	45	22.5	22.1	21.3	21.1	19.8	19.2						
	50	20.0	21.0	20.5	20.2	19.1	18.6	17.3	16.5	11.4	15.1		
	60	16.1	19.0	18.8	18.6	17.7	17.3	16.2	15.5	11.0	14.4	13.5	10.2
	70	13.1	17.2	17.2	17.1	16.4	16.1	15.2	14.6	10.3	13.7	12.8	9.9
	80	11.0	15.5	15.8	15.7	15.2	14.9	14.2	13.7	9.6	12.9	12.2	9.4
	90	9.4	13.8	14.6	14.5	14.0	13.8	13.3	12.9	9.0	12.2	11.5	8.8
	100	8.2	12.4	13.2	13.2	12.1	12.4	11.0	11.6	8.4	10.2	10.6	8.3
	110	7.3	11.2	10.6	11.1	9.4	10.1	8.5	9.3	7.8	7.8	8.8	7.8
	120	6.6	9.6	8.2	8.8	7.0	7.8	6.2	7.2	7.3	5.7	6.8	7.3
	130	5.9	7.7	6.2	6.7	5.1	5.9	4.3	5.3	6.8	3.8	5.0	6.7
	140		5.9	4.5	5.0	3.3	4.2	2.3	3.6	6.2		3.4	5.5
	150		4.4	3.0	3.5		2.5			5.2			4.2
	170									2.8			
	190												
	209												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-95ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21												
25												
30												
35												
40												
45												
50												
60												
70												
80												
90												
100	8.4	8.1	6.5									
110	8.0	7.7	6.2	7.6	6.1	5.6	6.0					
120	7.6	7.4	5.8	7.3	5.8	5.3	5.7	5.2	5.2	5.0		
130	7.1	7.1	5.6	6.8	5.5	5.0	5.4	4.9	4.9	4.8		
140	5.3	6.1	5.3	5.1	5.2	4.7	4.9	4.6	4.6	4.3		
150	3.7	4.7	5.1	3.6	4.6	4.4	3.5	3.9	3.2	2.9		
170			3.0			2.3						
190												
209												
1%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
2%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
3%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
4%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
5%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
6%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
7%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	

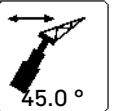
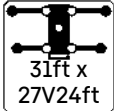
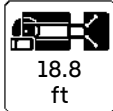
TNZF: T NZF-95ft



		x1000lb											
ft	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
21													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90	7.2												
100	6.6	6.8											
110	6.1	6.5	6.9	6.9	6.9	6.8							
120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.5	6.4	5.0	
130		6.0	6.4	6.4	6.4	6.4	6.4	6.3	4.9	6.3	6.2	4.9	
140		5.8	6.2	6.2	6.2	6.2	6.1	6.1	4.7	6.1	6.0	4.7	
150		5.7	6.0	6.0	6.0	6.0	6.0	6.0	4.6	6.0	5.9	4.5	
170		5.1	4.3	4.7	3.6	4.2	3.2	4.0	4.3	3.0	3.9	4.3	
190									3.6			2.9	
209													

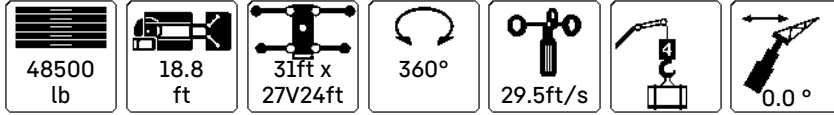
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



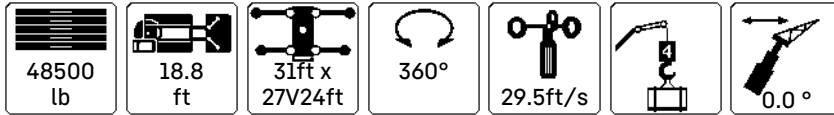
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21													
25													
30													
35													
40													
45													
50													
60													
70													
80													
90													
100													
110													
120													
130		6.2	6.1	4.8	6.0	4.8							
140		6.0	5.9	4.7	5.9	4.6	4.4	4.6	4.4	4.4			
150		5.9	5.8	4.5	5.7	4.5	4.2	4.5	4.2	4.2	4.1		
170		3.0	3.9	4.3	2.9	3.9	3.8	3.0	3.3	2.7	2.5		
190													
209													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	21	31.3											
	25	30.9											
	30	28.8											
	35	26.7											
	40	24.7	23.2	22.1	21.9								
	45	22.5	22.1	21.3	21.1	19.8	19.2						
	50	20.0	21.0	20.5	20.2	19.1	18.6	17.3	16.5	11.4	15.1		
	60	16.1	19.0	18.8	18.6	17.7	17.3	16.2	15.5	11.0	14.4	13.5	10.2
	70	13.1	17.2	17.2	17.1	16.4	16.1	15.2	14.6	10.3	13.6	12.8	9.9
	80	11.0	15.4	14.2	14.8	12.8	13.5	11.6	12.5	9.6	10.7	11.7	9.4
	90	9.4	12.3	10.7	11.3	9.5	10.3	8.5	9.4	9.0	7.8	8.8	8.8
	100	8.2	9.4	7.9	8.4	6.7	7.5	5.8	6.9	8.4	5.3	6.4	8.0
	110	7.3	7.0	5.5	6.1	4.4	5.2		4.6	7.5		4.2	6.4
	120	6.6	5.0	3.4	4.1		3.0			5.8			4.7
	130	5.9	3.3							4.2			3.0
	140									2.6			
	150												
	170												
	187												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

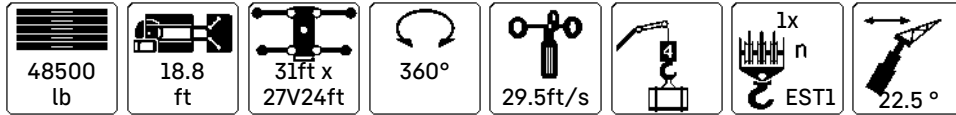
TNZF: T NZF-95ft



ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
21												
25												
30												
35												
40												
45												
50												
60	12.3	11.1	9.4	10.0	8.7							
70	11.8	10.8	9.1	9.7	8.5	7.1	7.8	6.5	6.3	5.9		
80	10.0	10.4	9.0	9.3	8.3	6.9	7.6	6.4	6.2	5.8		
90	7.2	8.3	8.6	6.8	7.8	6.7	6.5	6.2	5.7	5.4		
100	4.9	6.0	7.1	4.5	5.7	6.0	4.3	4.8	3.8	3.3		
110	2.4	4.1	5.1		3.8	4.2		2.8				
120			3.4									
130												
140												
150												
170												
187												

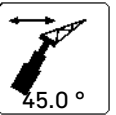
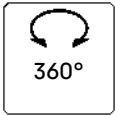
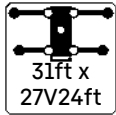
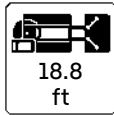
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TNZF: T NZF-95ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90												
	100	8.4	8.1	6.5									
	110	7.2	7.7	6.2	6.8	6.1	5.6	6.0					
	120	5.1	5.9	5.8	4.8	5.6	5.3	4.7	5.0	4.3	4.0		
	130	3.3	4.2	5.1	3.0	4.1	4.4	2.9	3.4	2.5			
	140		2.5	3.6		2.5	2.9						
	150												
	170												
	187												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TNZF: T NZF-95ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	21												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70												
	80												
	90	7.2											
	100	6.6	6.8										
	110	6.1	6.5	6.9	6.9	6.9	6.8						
	120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.5	6.4	5.0
	130		6.0	6.4	6.4	6.4	6.4	6.4	6.3	4.9	6.3	6.2	4.9
	140		5.8	5.9	6.1	5.4	5.9	5.0	5.7	4.7	4.7	5.4	4.7
	150		5.0	4.2	4.6	3.5	4.1	3.0	3.8	4.6	2.8	3.7	4.5
	170									3.0			2.2
	187												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



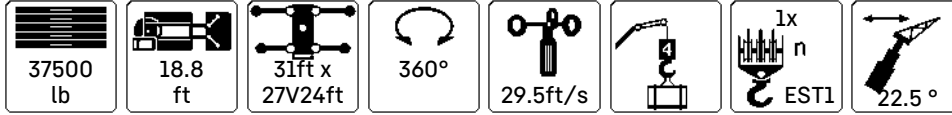
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
21	31.3												
22	31.3												
24	31.2												
26	30.5												
28	29.7												
30	28.8												
32	27.9												
34	27.1												
36	26.3												
38	25.5	23.6											
40	24.7	23.2	22.1	21.9									
45	22.5	22.1	21.3	21.1	19.8	19.2							
50	20.0	21.0	20.5	20.2	19.1	18.6	17.3	16.5	11.4	15.1			
55	17.8	20.0	19.6	19.4	18.4	17.9	16.8	16.0	11.2	14.8	13.8	10.4	
60	16.1	19.0	18.8	18.6	17.5	17.3	16.2	15.5	11.0	14.3	13.5	10.2	
65	14.6	18.1	17.3	17.5	15.6	16.0	14.2	14.8	10.7	13.0	13.1	10.1	
70	13.1	16.5	14.8	15.4	13.4	14.0	12.1	12.9	10.3	11.1	12.1	9.9	
75	12.0	14.4	12.7	13.2	11.3	12.1	10.2	11.1	9.9	9.3	10.3	9.7	
80	11.0	12.4	10.8	11.3	9.5	10.3	8.5	9.5	9.6	7.8	8.7	9.4	
85	10.2	10.7	9.2	9.7	7.8	8.7	6.9	8.0	9.3	6.3	7.4	9.0	
90	9.4	9.2	7.7	8.2	6.4	7.2	5.5	6.6	8.9	5.0	6.1	8.1	
95	8.8	7.8	6.3	6.9	5.1	5.9	4.1	5.3	8.2	3.5	4.9	7.0	
100	8.2	6.6	5.1	5.6	3.7	4.6	2.6	4.0	7.1		3.7	6.0	
105	7.8	5.5	3.9	4.5		3.4		2.8	6.2		2.3	5.0	
110	7.3	4.4	2.7	3.3		2.2			5.3			4.1	
115	6.9	3.4							4.4			3.2	
120	6.6	2.2							3.5				
125	6.2								2.5				
130	5.9												
135	5.7												
140													
145													
150													
155													
160													
165													
170													
175													
177													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-95ft



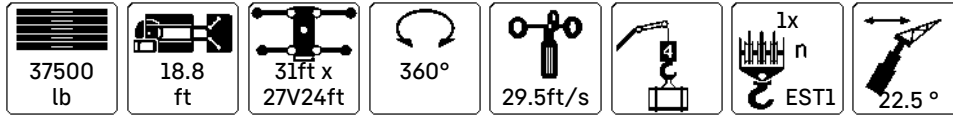
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
21											
22											
24											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50											
55	12.5	11.3									
60	12.3	11.1	9.4	10.0	8.7						
65	11.7	11.0	9.3	9.8	8.6	7.2	7.9	6.6			
70	10.2	10.7	9.1	9.6	8.5	7.1	7.8	6.5	6.3	5.9	
75	8.6	9.7	9.1	8.0	8.4	7.0	7.3	6.4	6.2	5.8	
80	7.1	8.2	8.9	6.6	7.8	6.9	6.3	6.3	5.6	5.2	
85	5.8	6.9	8.0	5.3	6.6	6.6	5.0	5.5	4.5	3.9	
90	4.5	5.7	6.8	4.0	5.4	5.8	3.8	4.5	3.2		
95		4.6	5.7	2.6	4.4	4.7		3.1			
100		3.4	4.7		3.1	3.6					
105			3.6			2.5					
110			2.5								
115											
120											
125											
130											
135											
140											
145											
150											
155											
160											
165											
170											
175											
177											
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TNZF: T NZF-95ft



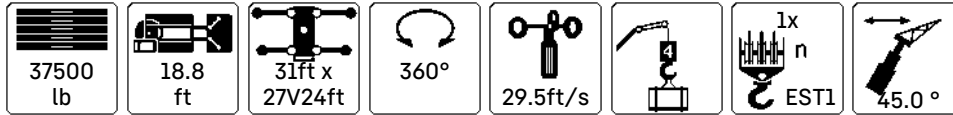
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
21													
22													
24													
26													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55													
60	12.4												
65	11.4												
70	10.5												
75	9.7	10.5											
80	9.2	10.0	10.7	10.6									
85	8.6	9.6	10.2	10.2	10.1	10.0	9.8						
90	8.2	9.3	9.8	9.8	9.8	9.7	9.6	9.4					
95	7.7	8.9	9.5	9.5	9.4	9.4	9.3	9.1	6.9	9.2			
100	7.3	8.6	9.2	9.1	9.1	9.1	8.3	8.7	6.6	7.7	8.2	6.6	
105	7.0	8.4	8.6	8.7	7.7	8.3	7.0	7.7	6.5	6.5	7.2	6.4	
110	6.7	8.1	7.3	7.7	6.4	7.0	5.8	6.5	6.3	5.4	6.1	6.2	
115	6.4	7.2	6.1	6.6	5.2	5.9	4.6	5.4	6.1	4.3	5.1	6.1	
120	6.1	6.1	5.1	5.5	4.2	4.8	3.6	4.4	5.9	3.2	4.1	5.7	
125	5.9	5.1	4.1	4.5	3.0	3.8		3.4	5.7		3.1	4.9	
130	5.7	4.2	3.1	3.5		2.8			5.0			4.1	
135		3.3		2.5					4.2			3.4	
140		2.3							3.5			2.5	
145									2.6				
150													
155													
160													
165													
170													
175													
177													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



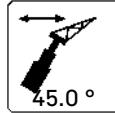
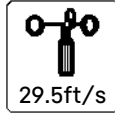
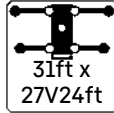
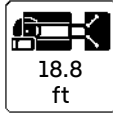
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2				
	21												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38												
	40												
	45												
	50												
	55												
	60												
	65												
	70												
	75												
	80												
	85												
	90												
	95												
	100	7.2	7.8	6.5									
	105	6.0	6.8	6.3	5.7	6.2							
	110	5.0	5.8	6.2	4.6	5.5	5.6	4.4					
	115	4.0	4.8	5.6	3.7	4.6	4.9	3.5	3.9				
	120	2.9	3.9	4.7	2.6	3.7	4.0	2.4	3.0				
	125			3.9		2.8	3.2						
	130			3.1									
	135												
	140												
	145												
	150												
	155												
	160												
	165												
	170												
	175												
	177												
	1	90+	45+	0+	90+	45+	0+	90+	45+				
	2	90+	90+	90+	90+	90+	100+	90+	100+				
	3	90+	90+	90+	90+	90+	100+	90+	100+				
	4	90+	90+	90+	90+	90+	100+	90+	100+				
	5	90+	90+	90+	90+	90+	100+	90+	100+				
	6	45+	90+	90+	90+	90+	100+	90+	100+				
	7	45+	45+	90+	45+	90+	100+	90+	100+				

TNZF: T NZF-95ft



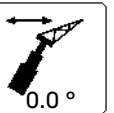
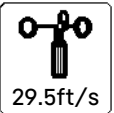
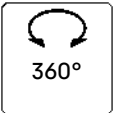
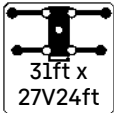
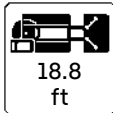
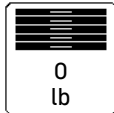
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
21													
22													
24													
26													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55													
60													
65													
70													
75													
80													
85	7.5												
90	7.2												
95	6.9												
100	6.6	6.8											
105	6.3	6.7	7.1	7.0									
110	6.1	6.5	6.9	6.9	6.9	6.8							
115	5.9	6.4	6.8	6.8	6.7	6.7	6.7	6.6		6.6			
120	5.8	6.2	6.6	6.6	6.6	6.6	6.6	6.5	5.1	6.4	6.4	5.0	
125	5.8	6.1	6.5	6.5	6.4	6.5	6.1	6.3	5.0	5.8	6.1	5.0	
130		6.0	6.1	6.3	5.4	5.9	5.0	5.6	4.9	4.7	5.4	4.9	
135		5.6	5.1	5.4	4.4	4.9	3.9	4.6	4.8	3.7	4.4	4.8	
140		4.9	4.1	4.4	3.4	3.9	2.9	3.6	4.7	2.6	3.5	4.7	
145		4.0	3.1	3.5	2.2	2.9		2.7	4.6		2.5	4.2	
150			3.1		2.5				4.1			3.4	
155									3.3			2.6	
160									2.6				
165													
170													
175													
177													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TNZF: T NZF-95ft



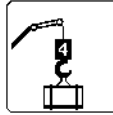
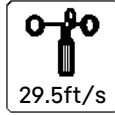
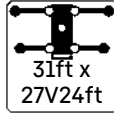
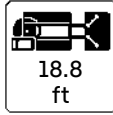
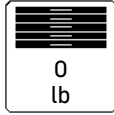
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2						
	21												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38												
	40												
	45												
	50												
	55												
	60												
	65												
	70												
	75												
	80												
	85												
	90												
	95												
	100												
	105												
	110												
	115												
	120												
	125	5.4	6.0	4.9									
	130	4.5	5.1	4.8	4.2	4.7							
	135	3.5	4.2	4.7	3.4	4.1	4.3						
	140	2.5	3.4	4.1	2.4	3.3	3.6						
	145		2.5	3.4		2.4	2.8						
	150			2.6									
	155												
	160												
	165												
	170												
	175												
	177												
	1	90+	45+	0+	90+	45+	0+						
	2	90+	90+	90+	90+	90+	100+						
	3	90+	90+	90+	90+	90+	100+						
	4	90+	90+	90+	90+	90+	100+						
	5	90+	90+	90+	90+	90+	100+						
	6	45+	90+	90+	90+	90+	100+						
	7	45+	45+	90+	45+	90+	100+						









TNZF: T NZF-95ft



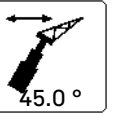
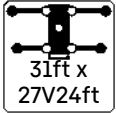
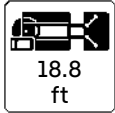
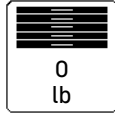
		x1000lb											
	ft												
	21	31.3											
	22	31.3											
	24	31.2											
	26	30.5											
	28	29.7											
	30	28.8											
	32	27.9											
	34	27.1											
	36	26.3											
	38	25.5											
	40	24.7											
	45	22.5											
	50	20.0											
	55	17.8											
	60	16.1											
	65	14.6											
	70	12.5											
	75	10.5											
	80	9.0											
	85	7.8											
	90	6.8											
	95	5.9											
	100	5.1											
	105	4.3											
	110	3.4											
	115	2.5											
	120												
	125												
	127												
	1	0+											
	2	0+											
	3	0+											
	4	0+											
	5	0+											
	6	0+											
	7	0+											

TNZF: T NZF-95ft



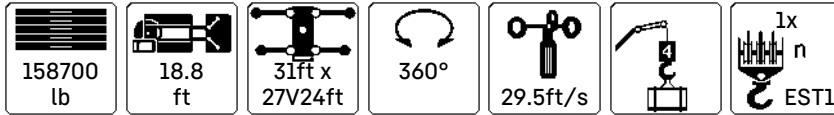
		x1000lb									
	ft										
	21										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60	12.4									
	65	11.4									
	70	10.5									
	75	9.7									
	80	9.2									
	85	8.6									
	90	8.2									
	95	7.7									
	100	6.8									
	105	5.9									
	110	5.1									
	115	4.4									
	120	3.5									
	125	2.4									
	127										
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									










TNZF: T NZF-95ft



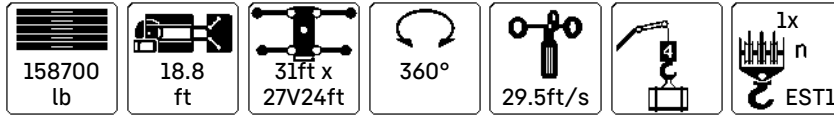
		x1000lb									
	ft										
	21										
	22										
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60										
	65										
	70										
	75										
	80										
	85	7.5									
	90	7.2									
	95	6.9									
	100	6.6									
	105	6.3									
	110	6.1									
	115	5.5									
	120	4.6									
	125	3.5									
	127	2.6									
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TNZF: T NZF-118ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	27	22.9											
	30	22.4											
	35	21.2											
	40	20.0											
	45	18.8			16.8			15.9			15.7		
	50	17.1			16.1			15.3			15.1		
	60	13.7			14.8			14.2			14.0		
	70	11.2	8.9		13.5			13.0			12.9		
	80	9.4	7.8		12.2			11.9			11.8		
	90	8.1	6.9		11.2	7.7		11.0			10.8		
	100	7.1	6.1		10.1	7.1		10.1	7.1		10.0	7.1	
	110	6.2	5.4	4.8	9.2	6.6		9.3	6.6		9.2	6.6	
	120	5.5	4.9	4.4	8.5	6.2	4.8	8.6	6.2		8.5	6.2	
	130	4.9	4.4	4.0	7.8	5.8	4.6	7.9	5.8	4.6	7.9	5.8	4.6
	140	4.3	4.0	3.8	7.2	5.4	4.4	7.3	5.5	4.4	7.3	5.4	4.4
	150	3.9	3.7		6.6	5.1	4.2	6.8	5.1	4.2	6.7	5.1	4.2
	170				5.7	4.5	3.9	5.9	4.6	3.9	5.9	4.6	3.9
	190				4.9	4.1	3.7	5.2	4.2	3.7	5.1	4.2	3.7
	210				4.3	3.8	3.7	4.5	3.8	3.6	4.5	3.8	3.7
	230				3.9	3.6		4.1	3.6	3.6	4.1	3.6	3.7
	250							3.1	3.6		3.6	3.6	
	266												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

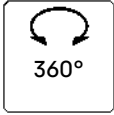
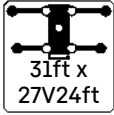
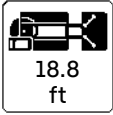
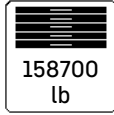
TNZF: T NZF-118ft











ft	x1000lb													
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9		
27														
30														
35														
40														
45														
50	14.2				13.8									
60	13.2				12.9			12.0				11.5		
70	12.3				12.0			11.3				10.8		
80	11.4				11.1			10.5				10.1		
90	10.5				10.3			9.9				9.5		
100	9.8	7.1			9.6	7.0		9.3	6.9			9.0		
110	9.2	6.6			9.0	6.5		8.8	6.5			8.5	6.4	
120	8.5	6.2			8.4	6.1		8.3	6.1			8.1	6.0	
130	7.9	5.8		4.5	7.8	5.7	4.5	7.8	5.7			7.6	5.7	
140	7.4	5.5		4.3	7.3	5.4	4.3	7.3	5.4	4.3		7.1	5.3	4.3
150	6.9	5.2		4.2	6.8	5.1	4.2	6.8	5.1	4.2		6.7	5.1	4.1
170	6.0	4.6		3.9	5.9	4.6	3.9	6.0	4.7	3.9		5.9	4.6	3.8
190	5.3	4.2		3.7	5.2	4.2	3.7	5.3	4.2	3.7		5.2	4.2	3.7
210	4.7	3.9		3.6	4.6	3.9	3.6	4.7	3.9	3.6		4.7	3.9	3.6
230	4.0	3.6		3.6	4.1	3.6	3.6	3.6	3.7	3.6		4.2	3.6	3.6
250	2.3	3.3			2.9	3.5			3.0	3.4		2.6	3.5	3.6
266														

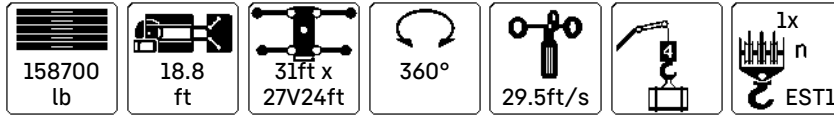
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

TNZF: T NZF-118ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	186.6
27													
30													
35													
40													
45													
50													
60	8.2			10.6			9.9			7.7			
70	7.9			10.1			9.5			7.5			
80	7.6			9.6			9.1			7.3			
90	7.1			9.1			8.7			6.9			
100	6.6			8.7			8.3			6.5			
110	6.1	4.7		8.3	6.3		7.9	6.1		6.1	4.6		
120	5.7	4.4		7.8	6.0		7.5	5.8		5.7	4.4		
130	5.3	4.1		7.4	5.6		7.1	5.5		5.3	4.1		
140	5.0	3.9	3.2	7.0	5.3	4.2	6.8	5.2	4.2	5.0	3.9		
150	4.6	3.7	3.1	6.6	5.0	4.1	6.4	4.9	4.0	4.7	3.7	3.1	
170	4.0	3.3	2.8	5.9	4.6	3.8	5.8	4.5	3.8	4.0	3.3	2.8	
190	3.3	2.9	2.6	5.3	4.2	3.7	5.2	4.1	3.6	3.4	2.9	2.6	
210	2.7	2.6	2.5	4.8	3.9	3.5	4.5	3.8	3.5	2.8	2.7	2.5	
230		2.3	2.4	3.3	3.6	3.5	3.6	3.6	3.5	2.2	2.3	2.4	
250					2.9	3.4	2.4	3.2	3.5				
266								2.2					
	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

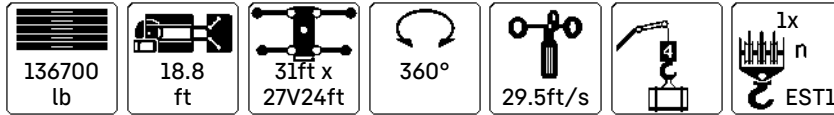
TNZF: T NZF-118ft



ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
27														
30														
35														
40														
45														
50														
60	9.1													
70	8.8			8.1			6.9				7.4			
80	8.5			7.9			6.8				7.2			
90	8.2			7.6			6.6				7.1			
100	7.8			7.3			6.3				6.9			
110	7.5			7.0			5.9				6.7			
120	7.2	5.7		6.8	5.5		5.6	4.3			6.4	5.4		
130	6.9	5.4		6.5	5.2		5.2	4.1			6.2	5.1		
140	6.6	5.1		6.1	5.0		4.9	3.8			5.9	4.9		
150	6.2	4.9	4.0	5.8	4.7	3.9	4.6	3.6	3.0		5.6	4.7	3.9	
170	5.7	4.5	3.8	5.0	4.3	3.7	4.0	3.2	2.8		5.0	4.3	3.7	
190	5.1	4.1	3.6	4.4	4.0	3.6	3.4	2.9	2.6		4.4	4.0	3.5	
210	4.6	3.8	3.5	3.8	3.6	3.5	2.8	2.7	2.5		3.8	3.6	3.5	
230	3.2	3.6	3.5	3.0	3.2	3.3	2.3	2.3	2.4		3.0	3.2	3.3	
250		2.9	3.5		2.6	2.9						2.7	3.0	
266														2.3

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	










TNZF: T NZF-118ft



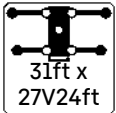
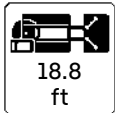
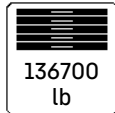
		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	24	22.9											
	25	22.9											
	30	22.4											
	35	21.2											
	40	20.0											
	45	18.8			16.8			15.9			15.7		
	50	17.1			16.1			15.3			15.1		
	60	13.7			14.8			14.2			14.0		
	70	11.2	8.9		13.5			13.0			12.9		
	80	9.4	7.8		12.2			11.9			11.8		
	90	8.1	6.9		11.2	7.7		11.0			10.8		
	100	7.1	6.1		10.1	7.1		10.1	7.1		10.0	7.1	
	110	6.2	5.4	4.8	9.2	6.6		9.3	6.6		9.2	6.6	
	120	5.5	4.9	4.4	8.5	6.2	4.8	8.6	6.2		8.5	6.2	
	130	4.9	4.4	4.0	7.8	5.8	4.6	7.9	5.8	4.6	7.9	5.8	4.6
	140	4.3	4.0	3.8	7.2	5.4	4.4	7.3	5.5	4.4	7.3	5.4	4.4
	150	3.9	3.7		6.6	5.1	4.2	6.8	5.1	4.2	6.7	5.1	4.2
	170				5.7	4.5	3.9	5.9	4.6	3.9	5.9	4.6	3.9
	190				4.9	4.1	3.7	5.2	4.2	3.7	5.1	4.2	3.7
	210				4.3	3.8	3.7	4.5	3.8	3.6	4.5	3.8	3.7
	230				3.9	3.6		2.7	3.6	3.6	3.2	3.6	3.7
	250												
	257												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	24												
	25												
	30												
	35												
	40												
	45												
	50	14.2			13.8								
	60	13.2			12.9			12.0			11.5		
	70	12.3			12.0			11.3			10.8		
	80	11.4			11.1			10.5			10.1		
	90	10.5			10.3			9.9			9.5		
	100	9.8	7.1		9.6	7.0		9.3	6.9		9.0		
	110	9.2	6.6		9.0	6.5		8.8	6.5		8.5	6.4	
	120	8.5	6.2		8.4	6.1		8.3	6.1		8.1	6.0	
	130	7.9	5.8	4.5	7.8	5.7	4.5	7.8	5.7		7.6	5.7	
	140	7.4	5.5	4.3	7.3	5.4	4.3	7.3	5.4	4.3	7.1	5.3	4.3
	150	6.9	5.2	4.2	6.8	5.1	4.2	6.8	5.1	4.2	6.7	5.1	4.1
	170	6.0	4.6	3.9	5.9	4.6	3.9	6.0	4.7	3.9	5.9	4.6	3.8
	190	5.3	4.2	3.7	5.2	4.2	3.7	5.3	4.2	3.7	5.2	4.2	3.7
	210	3.9	3.9	3.6	4.5	3.9	3.6	3.3	3.9	3.6	4.2	3.9	3.6
	230		3.4	3.6	2.5	3.6	3.6		3.1	3.6		3.6	3.6
	250												
	257												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



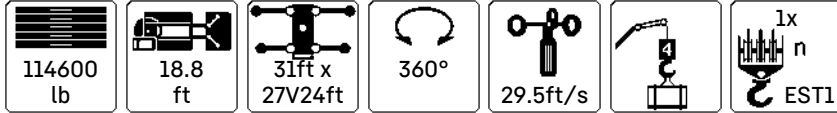
ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
24													
25													
30													
35													
40													
45													
50													
60	9.1												
70	8.8			8.1			6.9			7.4			
80	8.5			7.9			6.8			7.2			
90	8.2			7.6			6.6			7.1			
100	7.8			7.3			6.3			6.9			
110	7.5			7.0			5.9			6.7			
120	7.2	5.7		6.8	5.5		5.6	4.3		6.4	5.4		
130	6.9	5.4		6.5	5.2		5.2	4.1		6.2	5.1		
140	6.6	5.1		6.1	5.0		4.9	3.8		5.9	4.9		
150	6.2	4.9	4.0	5.8	4.7	3.9	4.6	3.6	3.0	5.6	4.7	3.9	
170	5.7	4.5	3.8	5.0	4.3	3.7	4.0	3.2	2.8	5.0	4.3	3.7	
190	4.7	4.1	3.6	4.4	4.0	3.6	3.4	2.9	2.6	4.2	4.0	3.5	
210	2.7	3.8	3.5	3.6	3.6	3.5	2.8	2.7	2.5	2.5	3.6	3.5	
230		2.7	3.5		3.2	3.3	2.3	2.3	2.4		2.6	3.3	
250						2.7							
257													
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



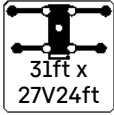
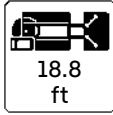
		x1000lb											
	ft	212.6	212.6	212.6	225.6	225.6	225.6	237.3	237.3	237.3			
	24												
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	6.4			5.8								
	80	6.2			5.6			4.4					
	90	6.0			5.5			4.4					
	100	5.9			5.4			4.3					
	110	5.8			5.3			4.1					
	120	5.4	4.3		5.2			4.0					
	130	5.1	4.0		5.0	3.9		3.8					
	140	4.9	3.8		4.7	3.7		3.5	3.3				
	150	4.6	3.6	3.0	4.4	3.5		3.2	3.1				
	170	4.0	3.2	2.8	3.9	3.2	2.8	2.7	2.6	2.6			
	190	3.4	2.9	2.6	3.3	2.9	2.6		2.2	2.3			
	210	2.8	2.7	2.5	2.4	2.7	2.5						
	230		2.4	2.4		2.3	2.4						
	250			2.2									
	257												
	1	45+	45+	45+	90+	90+	90+	90+	90+	90+			
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+			
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+			
	4	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	5	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	6	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	7	90+	90+	90+	90+	90+	90+	100+	100+	100+			
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0			

TNZF: T NZF-118ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6
24	22.9												
25	22.9												
30	22.4												
35	21.2												
40	20.0												
45	18.8			16.8			15.9			15.7			
50	17.1			16.1			15.3			15.1			
60	13.7			14.8			14.2			14.0			
70	11.2	8.9		13.5			13.0			12.9			
80	9.4	7.8		12.2			11.9			11.8			
90	8.1	6.9		11.2	7.7		11.0			10.8			
100	7.1	6.1		10.1	7.1		10.1	7.1		10.0	7.1		
110	6.2	5.4	4.8	9.2	6.6		9.3	6.6		9.2	6.6		
120	5.5	4.9	4.4	8.5	6.2	4.8	8.6	6.2		8.5	6.2		
130	4.9	4.4	4.0	7.8	5.8	4.6	7.9	5.8	4.6	7.9	5.8	4.6	
140	4.3	4.0	3.8	7.2	5.4	4.4	7.3	5.5	4.4	7.3	5.4	4.4	
150	3.9	3.7		6.6	5.1	4.2	6.8	5.1	4.2	6.7	5.1	4.2	
170				5.7	4.5	3.9	5.9	4.6	3.9	5.9	4.6	3.9	
190				4.9	4.1	3.7	4.5	4.2	3.7	4.9	4.2	3.7	
210				3.7	3.8	3.7	2.4	3.8	3.6	2.8	3.8	3.7	
230					2.9				2.3		2.2	2.6	
245													
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
3%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
4%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
5%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

TNZF: T NZF-118ft



		x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	ft												
	24												
25													
30													
35													
40													
45													
50		14.2			13.8								
60		13.2			12.9			12.0			11.5		
70		12.3			12.0			11.3			10.8		
80		11.4			11.1			10.5			10.1		
90		10.5			10.3			9.9			9.5		
100		9.8	7.1		9.6	7.0		9.3	6.9		9.0		
110		9.2	6.6		9.0	6.5		8.8	6.5		8.5	6.4	
120		8.5	6.2		8.4	6.1		8.3	6.1		8.1	6.0	
130		7.9	5.8	4.5	7.8	5.7	4.5	7.8	5.7		7.6	5.7	
140		7.4	5.5	4.3	7.3	5.4	4.3	7.3	5.4	4.3	7.1	5.3	4.3
150		6.9	5.2	4.2	6.8	5.1	4.2	6.8	5.1	4.2	6.7	5.1	4.1
170		6.0	4.6	3.9	5.9	4.6	3.9	5.4	4.7	3.9	5.9	4.6	3.8
190		3.7	4.2	3.7	4.3	4.2	3.7	3.0	4.2	3.7	3.8	4.2	3.7
210			3.5	3.6		3.8	3.6		3.0	3.6		3.8	3.6
230							2.6						
245													2.6
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
24													
25													
30													
35													
40													
45													
50													
60	8.2			10.6			9.9			7.7			
70	7.9			10.1			9.5			7.5			
80	7.6			9.6			9.1			7.3			
90	7.1			9.1			8.7			6.9			
100	6.6			8.7			8.3			6.5			
110	6.1	4.7		8.3	6.3		7.9	6.1		6.1	4.6		
120	5.7	4.4		7.8	6.0		7.5	5.8		5.7	4.4		
130	5.3	4.1		7.4	5.6		7.1	5.5		5.3	4.1		
140	5.0	3.9	3.2	7.0	5.3	4.2	6.8	5.2	4.2	5.0	3.9		
150	4.6	3.7	3.1	6.6	5.0	4.1	6.4	4.9	4.0	4.7	3.7	3.1	
170	4.0	3.3	2.8	4.8	4.6	3.8	5.6	4.5	3.8	4.0	3.3	2.8	
190	3.3	2.9	2.6	2.4	4.2	3.7	3.5	4.1	3.6	3.4	2.9	2.6	
210	2.7	2.6	2.5		2.7	3.5		3.5	3.5	2.8	2.7	2.5	
230		2.3	2.4						2.7		2.3	2.4	
245													2.2
1%	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
1%	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
1%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
1%	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
1%	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
0%	0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

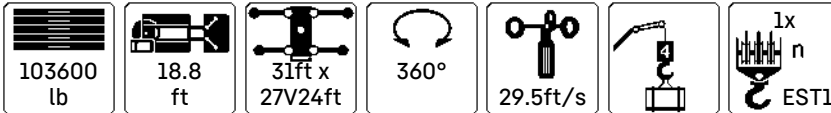
TNZF: T NZF-118ft












ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
24													
25													
30													
35													
40													
45													
50													
60	9.1												
70	8.8			8.1				6.9			7.4		
80	8.5			7.9				6.8			7.2		
90	8.2			7.6				6.6			7.1		
100	7.8			7.3				6.3			6.9		
110	7.5			7.0				5.9			6.7		
120	7.2	5.7		6.8	5.5			5.6	4.3		6.4	5.4	
130	6.9	5.4		6.5	5.2			5.2	4.1		6.2	5.1	
140	6.6	5.1		6.1	5.0			4.9	3.8		5.9	4.9	
150	6.2	4.9	4.0	5.8	4.7	3.9		4.6	3.6	3.0	5.6	4.7	3.9
170	4.4	4.5	3.8	5.0	4.3	3.7		4.0	3.2	2.8	4.2	4.3	3.7
190		4.1	3.6	3.2	4.0	3.6		3.4	2.9	2.6		4.0	3.5
210		2.5	3.5		3.3	3.5		2.4	2.7	2.5		2.4	3.5
230						2.7			2.3	2.4			
245													

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
24	22.9												
25	22.9												
30	22.4												
35	21.2												
40	20.0												
45	18.8				16.8			15.9			15.7		
50	17.1				16.1			15.3			15.1		
60	13.7				14.8			14.2			14.0		
70	11.2	8.9			13.5			13.0			12.9		
80	9.4	7.8			12.2			11.9			11.8		
90	8.1	6.9			11.2	7.7		11.0			10.8		
100	7.1	6.1			10.1	7.1		10.1	7.1		10.0	7.1	
110	6.2	5.4	4.8		9.2	6.6		9.3	6.6		9.2	6.6	
120	5.5	4.9	4.4		8.5	6.2	4.8	8.6	6.2		8.5	6.2	
130	4.9	4.4	4.0		7.8	5.8	4.6	7.9	5.8	4.6	7.9	5.8	4.6
140	4.3	4.0	3.8		7.2	5.4	4.4	7.3	5.5	4.4	7.3	5.4	4.4
150	3.9	3.7			6.6	5.1	4.2	6.8	5.1	4.2	6.7	5.1	4.2
170					5.7	4.5	3.9	5.6	4.6	3.9	5.9	4.6	3.9
190					4.5	4.1	3.7	3.2	4.2	3.7	3.6	4.2	3.7
210					2.5	3.8	3.7		2.9	3.6		3.2	3.7
230													
240													
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



		x1000lb											
ft		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
24													
25													
30													
35													
40													
45													
50		14.2			13.8								
60		13.2			12.9			12.0			11.5		
70		12.3			12.0			11.3			10.8		
80		11.4			11.1			10.5			10.1		
90		10.5			10.3			9.9			9.5		
100		9.8	7.1		9.6	7.0		9.3	6.9		9.0		
110		9.2	6.6		9.0	6.5		8.8	6.5		8.5	6.4	
120		8.5	6.2		8.4	6.1		8.3	6.1		8.1	6.0	
130		7.9	5.8	4.5	7.8	5.7	4.5	7.8	5.7		7.6	5.7	
140		7.4	5.5	4.3	7.3	5.4	4.3	7.3	5.4	4.3	7.1	5.3	4.3
150		6.9	5.2	4.2	6.8	5.1	4.2	6.5	5.1	4.2	6.7	5.1	4.1
170		4.6	4.6	3.9	5.3	4.6	3.9	3.8	4.7	3.9	4.7	4.6	3.8
190			4.2	3.7	2.9	4.2	3.7		4.1	3.7	2.3	4.2	3.7
210				3.5		2.8	3.6			3.2		2.5	3.6
230													
240													
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



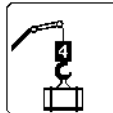
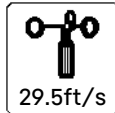
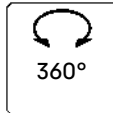
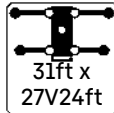
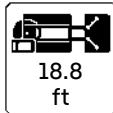
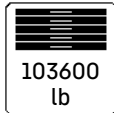
		x1000lb													
	ft	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6		
	24														
	25														
	30														
	35														
	40														
	45														
	50														
	60	8.2			10.6			9.9			7.7				
	70	7.9			10.1			9.5			7.5				
	80	7.6			9.6			9.1			7.3				
	90	7.1			9.1			8.7			6.9				
	100	6.6			8.7			8.3			6.5				
	110	6.1	4.7		8.3	6.3		7.9	6.1		6.1	4.6			
	120	5.7	4.4		7.8	6.0		7.5	5.8		5.7	4.4			
	130	5.3	4.1		7.4	5.6		7.1	5.5		5.3	4.1			
	140	5.0	3.9	3.2	7.0	5.3	4.2	6.8	5.2	4.2	5.0	3.9			
	150	4.6	3.7	3.1	6.0	5.0	4.1	6.4	4.9	4.0	4.7	3.7	3.1		
	170	4.0	3.3	2.8	3.3	4.6	3.8	4.2	4.5	3.8	4.0	3.3	2.8		
	190	3.3	2.9	2.6		3.7	3.7		4.0	3.6	3.4	2.9	2.6		
	210	2.7	2.6	2.5			3.1		2.3	3.5	2.2	2.7	2.5		
	230		2.3	2.4									2.4		
	240			2.2											
	%	1	2	3	4	5	6	7	°	0.0	22.5	45.0	0.0	22.5	45.0
	%	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+		
	%	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+		
	%	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+		
	%	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+		
	%	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+		
	%	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+		
	%	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+		
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0		

TNZF: T NZF-118ft



		x1000lb											
ft		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
24													
25													
30													
35													
40													
45													
50													
60		9.1											
70		8.8			8.1			6.9			7.4		
80		8.5			7.9			6.8			7.2		
90		8.2			7.6			6.6			7.1		
100		7.8			7.3			6.3			6.9		
110		7.5			7.0			5.9			6.7		
120		7.2	5.7		6.8	5.5		5.6	4.3		6.4	5.4	
130		6.9	5.4		6.5	5.2		5.2	4.1		6.2	5.1	
140		6.6	5.1		6.1	5.0		4.9	3.8		5.9	4.9	
150		5.5	4.9	4.0	5.8	4.7	3.9	4.6	3.6	3.0	5.2	4.7	3.9
170		2.9	4.5	3.8	4.0	4.3	3.7	4.0	3.2	2.8	2.7	4.3	3.7
190			3.4	3.6		3.9	3.6	2.9	2.9	2.6		3.2	3.5
210				3.0			3.4		2.7	2.5			2.9
230										2.3			
240													
%	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0










TNZF: T NZF-118ft



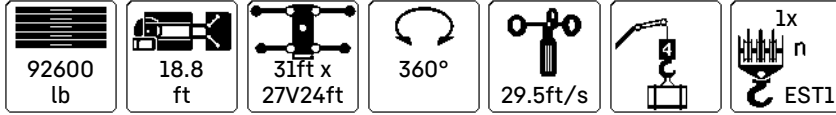
		x1000lb											
ft		212.6	212.6	212.6	225.6	225.6	225.6	237.3	237.3	237.3			
24													
25													
30													
35													
40													
45													
50													
60													
70		6.4				5.8							
80		6.2				5.6			4.4				
90		6.0				5.5			4.4				
100		5.9				5.4			4.3				
110		5.8				5.3			4.1				
120		5.4	4.3			5.2			4.0				
130		5.1	4.0			5.0	3.9		3.8				
140		4.9	3.8			4.7	3.7		3.5	3.3			
150		4.6	3.6	3.0		4.4	3.5		3.2	3.1			
170		3.8	3.2	2.8	2.6	3.2	2.8	2.3	2.6	2.6			
190			2.9	2.6		2.8	2.6		2.2	2.3			
210				2.5			2.5						
230													
240													
1%	1	45+	45+	45+	90+	90+	90+	90+	90+	90+			
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+			
3%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+			
4%	4	90+	90+	90+	90+	90+	90+	100+	100+	100+			
5%	5	90+	90+	90+	90+	90+	90+	100+	100+	100+			
6%	6	90+	90+	90+	90+	90+	90+	100+	100+	100+			
7%	7	90+	90+	90+	90+	90+	90+	100+	100+	100+			
°	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0			

TNZF: T NZF-118ft



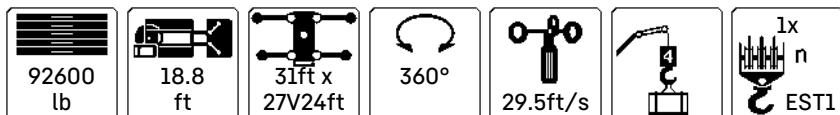
		x1000lb											
	ft	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
	24	22.9											
	25	22.9											
	30	22.4											
	35	21.2											
	40	20.0											
	45	18.8			16.8			15.9			15.7		
	50	17.1			16.1			15.3			15.1		
	60	13.7			14.8			14.2			14.0		
	70	11.2	8.9		13.5			13.0			12.9		
	80	9.4	7.8		12.2			11.9			11.8		
	90	8.1	6.9		11.2	7.7		11.0			10.8		
	100	7.1	6.1		10.1	7.1		10.1	7.1		10.0	7.1	
	110	6.2	5.4	4.8	9.2	6.6		9.3	6.6		9.2	6.6	
	120	5.5	4.9	4.4	8.5	6.2	4.8	8.6	6.2		8.5	6.2	
	130	4.9	4.4	4.0	7.8	5.8	4.6	7.9	5.8	4.6	7.9	5.8	4.6
	140	4.3	4.0	3.8	7.2	5.4	4.4	7.3	5.5	4.4	7.3	5.4	4.4
	150	3.9	3.7		6.6	5.1	4.2	6.7	5.1	4.2	6.7	5.1	4.2
	170				5.6	4.5	3.9	4.0	4.6	3.9	4.5	4.6	3.9
	190				3.2	4.1	3.7		4.0	3.7		4.1	3.7
	210					2.7	3.4			2.8			3.1
	230												
	233												
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0
































TNZF: T NZF-118ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
24													
25													
30													
35													
40													
45													
50	14.2			13.8									
60	13.2			12.9			12.0				11.5		
70	12.3			12.0			11.3				10.8		
80	11.4			11.1			10.5				10.1		
90	10.5			10.3			9.9				9.5		
100	9.8	7.1		9.6	7.0		9.3	6.9			9.0		
110	9.2	6.6		9.0	6.5		8.8	6.5			8.5	6.4	
120	8.5	6.2		8.4	6.1		8.3	6.1			8.1	6.0	
130	7.9	5.8	4.5	7.8	5.7	4.5	7.7	5.7			7.6	5.7	
140	7.4	5.5	4.3	7.3	5.4	4.3	6.5	5.4	4.3		7.0	5.3	4.3
150	5.8	5.2	4.2	6.4	5.1	4.2	4.9	5.1	4.2	5.8	5.1	4.1	
170	2.9	4.6	3.9	3.6	4.6	3.9		4.7	3.9	3.1	4.6	3.8	
190		3.2	3.7		3.8	3.7		2.6	3.7		3.4	3.7	
210			2.2			2.8							2.6
230													
233													
1%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
5%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



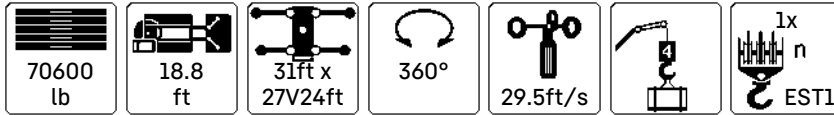
	ft	x1000lb											
		199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
	24												
	25												
	30												
	35												
	40												
	45												
	50												
	60	9.1											
	70	8.8			8.1			6.9			7.4		
	80	8.5			7.9			6.8			7.2		
	90	8.2			7.6			6.6			7.1		
	100	7.8			7.3			6.3			6.9		
	110	7.5			7.0			5.9			6.7		
	120	7.2	5.7		6.8	5.5		5.6	4.3		6.4	5.4	
	130	6.9	5.4		6.5	5.2		5.2	4.1		6.1	5.1	
	140	5.4	5.1		6.1	5.0		4.9	3.8		5.1	4.9	
	150	4.0	4.9	4.0	5.0	4.7	3.9	4.6	3.6	3.0	3.7	4.7	3.9
	170		4.3	3.8	2.5	4.3	3.7	3.5	3.2	2.8		4.1	3.7
	190			3.6		3.0	3.6		2.9	2.6			3.5
	210						2.6			2.5			
	230												
	233												
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



		x1000lb											
ft		212.6	212.6	212.6	225.6	225.6	225.6	237.3	237.3	237.3			
24													
25													
30													
35													
40													
45													
50													
60													
70		6.4			5.8								
80		6.2			5.6			4.4					
90		6.0			5.5			4.4					
100		5.9			5.4			4.3					
110		5.8			5.3			4.1					
120		5.4	4.3		5.2			4.0					
130		5.1	4.0		5.0	3.9		3.8					
140		4.9	3.8		4.7	3.7		3.5	3.3				
150		4.4	3.6	3.0	3.5	3.5		2.9	3.1				
170		2.3	3.2	2.8		3.2	2.8		2.6	2.6			
190			2.8	2.6			2.6			2.3			
210				2.3									
230													
233													
1%		1	45+	45+	45+	90+	90+	90+	90+	90+	90+		
2%		2	90+	90+	90+	90+	90+	90+	90+	90+	90+		
3%		3	90+	90+	90+	90+	90+	90+	90+	90+	90+		
4%		4	90+	90+	90+	90+	90+	90+	100+	100+	100+		
5%		5	90+	90+	90+	90+	90+	90+	100+	100+	100+		
6%		6	90+	90+	90+	90+	90+	90+	100+	100+	100+		
7%		7	90+	90+	90+	90+	90+	90+	100+	100+	100+		
°		°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0		

TNZF: T NZF-118ft



	x1000lb												
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
24													
25													
30													
35													
40													
45													
50	14.2			13.8									
60	13.2			12.9			12.0				11.5		
70	12.3			12.0			11.3				10.8		
80	11.4			11.1			10.5				10.1		
90	10.5			10.3			9.9				9.5		
100	9.8	7.1		9.6	7.0		9.3	6.9			9.0		
110	8.9	6.6		9.0	6.5		8.2	6.5			8.5	6.4	
120	7.1	6.2		7.7	6.1		6.2	6.1			7.0	6.0	
130	5.2	5.8	4.5	5.9	5.7	4.5	4.4	5.7			5.2	5.7	
140	3.5	5.5	4.3	4.2	5.4	4.3	2.6	5.4	4.3		3.6	5.3	4.3
150		5.2	4.2	2.7	5.1	4.2		4.9	4.2			5.0	4.1
170		2.6	3.9		3.2	3.9			3.9			2.8	3.8
190						2.6							2.4
210													
214													
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

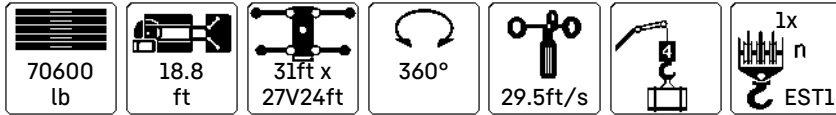
TNZF: T NZF-118ft



	ft	x1000lb											
		173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6
24													
25													
30													
35													
40													
45													
50													
60	8.2				10.6			9.9			7.7		
70	7.9				10.1			9.5			7.5		
80	7.6				9.6			9.1			7.3		
90	7.1				9.1			8.7			6.9		
100	6.6				8.7			8.3			6.5		
110	6.1	4.7			7.5	6.3		7.7	6.1		6.1	4.6	
120	5.7	4.4			5.5	6.0		6.5	5.8		5.7	4.4	
130	5.3	4.1			3.8	5.6		4.8	5.5		5.3	4.1	
140	5.0	3.9	3.2			5.3	4.2	3.2	5.2	4.2	4.8	3.9	
150	4.5	3.7	3.1			4.5	4.1		4.9	4.0	3.9	3.7	3.1
170	2.6	3.3	2.8				3.8		2.6	3.8		3.3	2.8
190		2.8	2.6							2.3			2.6
210													
214													

1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



ft	x1000lb													
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6	
24														
25														
30														
35														
40														
45														
50														
60	9.1													
70	8.8			8.1			6.9				7.4			
80	8.5			7.9			6.8				7.2			
90	8.2			7.6			6.6				7.1			
100	7.8			7.3			6.3				6.9			
110	6.9			7.0			5.9				6.4			
120	5.0	5.7		6.0	5.5		5.6	4.3			4.7	5.4		
130	3.4	5.4		4.4	5.2		5.2	4.1			3.0	5.1		
140		5.1		3.0	5.0		4.0	3.8				4.9		
150		4.3	4.0		4.7	3.9	2.7	3.6	3.0			4.0	3.9	
170			3.8		2.4	3.7		3.1	2.8					3.7
190						2.2			2.6					
210														
214														

	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+	
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+	
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

TNZF: T NZF-118ft



		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	24												
	25												
	30												
	35												
	40												
	45												
	50	14.2			13.8								
	60	13.2			12.9			12.0			11.5		
	70	12.3			12.0			11.3			10.8		
	80	11.4			11.1			10.5			10.1		
	90	9.3			9.8			8.2			8.9		
	100	6.7	7.1		7.4	7.0		5.8	6.9		6.6		
	110	4.5	6.6		5.2	6.5			6.5		4.6	6.4	
	120	2.2	6.2		3.1	6.1			6.1			6.0	
	130		5.4	4.5		5.7	4.5		4.8			5.4	
	140		3.6	4.3		4.1	4.3		3.0	4.3		3.7	4.3
	150			4.2		2.4	4.2			4.2			4.1
	170						2.3						
	190												
	199												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

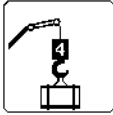
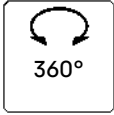
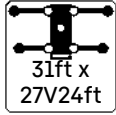
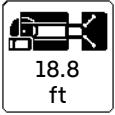
TNZF: T NZF-118ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
24													
25													
30													
35													
40													
45													
50													
60	9.1												
70	8.8			8.1			6.9				7.4		
80	8.5			7.9			6.8				7.2		
90	6.7			7.4			6.6				6.2		
100	4.5			5.5			6.2				4.1		
110				3.7			4.7						
120		5.6			5.5			4.3				5.1	
130		3.9			4.6			4.1				3.6	
140					3.1			3.8					
150			4.0			3.9		2.5	3.0				3.7
170									2.5				
190													
199													

1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	90+	90+
2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	45+	45+
°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-118ft



		x1000lb														
	ft	212.6	212.6	212.6	225.6	225.6	237.3									
	24															
	25															
	30															
	35															
	40															
	45															
	50															
	60															
	70	6.4			5.8											
	80	6.2			5.6		4.4									
	90	6.0			5.4		4.4									
	100	5.2			3.7		3.2									
	110	3.4														
	120		4.3													
	130		4.0													
	140		2.9			3.4										
	150			3.0												
	170															
	190															
	199															
	1	45+	45+	45+	90+	90+	90+									
	2	90+	90+	90+	90+	90+	90+									
	3	90+	90+	90+	90+	90+	90+									
	4	90+	90+	90+	90+	90+	100+									
	5	90+	90+	90+	90+	90+	100+									
	6	90+	90+	90+	90+	90+	100+									
	7	90+	90+	90+	90+	90+	100+									
	°	0.0	22.5	45.0	0.0	22.5	0.0									

TNZF: T NZF-118ft



ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
24	22.9													
26	22.9													
28	22.8													
30	22.4													
32	21.9													
34	21.4													
36	21.0													
38	20.5													
40	20.0													
45	18.8			16.8			15.9			15.7				
50	17.1			16.1			15.3			15.1				
55	15.3			15.5			14.7			14.6				
60	13.7			14.8			14.2			14.0				
65	12.4			14.1			13.6			13.4				
70	11.2	8.9		13.5			13.0			12.9				
75	10.3	8.3		12.9			12.3			12.3				
80	9.4	7.8		12.2			10.8			11.2				
85	8.7	7.3		11.1			9.2			9.6				
90	8.1	6.9		9.6	7.7		7.7			8.2				
95	7.5	6.5		8.2	7.4		6.4	7.4		6.9	7.4			
100	7.1	6.1		7.0	7.1		5.2	7.1		5.7	7.1			
105	6.6	5.7	5.0	5.9	6.9		4.0	6.9		4.6	6.8			
110	6.2	5.4	4.8	4.9	6.6		2.9	6.6		3.5	6.6			
115	5.8	5.1	4.6	3.9	6.4			6.4		2.3	6.4			
120	5.5	4.9	4.4	2.9	6.2	4.8		6.0			6.1			
125	5.2	4.6	4.2		6.0	4.7		5.0	4.7		5.4	4.7		
130	4.9	4.4	4.0		5.3	4.6		4.1	4.6		4.5	4.6		
135	4.6	4.2	3.9		4.5	4.5		3.2	4.5		3.6	4.4		
140	4.3	4.0	3.8		3.7	4.4		2.2	4.4		2.7	4.4		
145	4.1	3.9	3.7		2.9	4.3			4.3			4.3		
150	3.9	3.7				4.2			3.9			4.1		
155	3.8	3.7				3.9			3.1			3.4		
160						3.3						2.5		
165						2.6								
170														
175														
180														
185														
187														

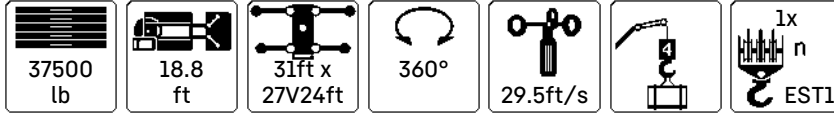
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

TNZF: T NZF-118ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
24													
26													
28													
30													
32													
34													
36													
38													
40													
45													
50	14.2			13.8									
55	13.7			13.3			12.4				11.8		
60	13.2			12.9			12.0				11.5		
65	12.8			12.4			11.7				11.1		
70	12.2			12.0			11.2				10.8		
75	11.0			11.2			9.7				10.3		
80	9.4			10.0			8.2				9.0		
85	7.9			8.5			6.8				7.6		
90	6.4			7.2			5.5				6.4		
95	5.1	7.3		5.9	7.2		4.3				5.2		
100	3.8	7.1		4.7	7.0		2.7	6.9			4.1		
105		6.8		3.5	6.8			6.7				6.6	
110		6.6		2.4	6.5			6.4				6.4	
115		6.2			6.3			5.6				6.0	
120		5.2			5.7			4.6				5.2	
125		4.2			4.7			3.6				4.3	
130		3.3	4.5		3.8	4.5		2.5				3.4	
135			4.4		2.9	4.4			4.4			2.3	4.4
140			4.3			4.3			4.3				4.3
145			4.2			4.3			3.8				4.1
150			3.4			3.8			2.9				3.5
155			2.5			3.0							2.7
160													
165													
170													
175													
180													
185													
187													
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

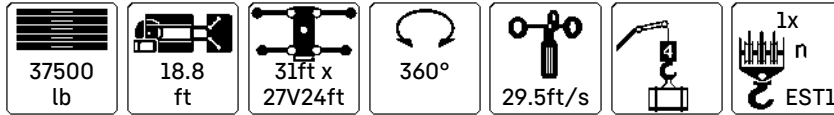
TNZF: T NZF-118ft



ft	x1000lb												
	173.6	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	186.6	
24													
26													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55					10.8			10.0					
60	8.2				10.6			9.9			7.7		
65	8.1				10.3			9.7			7.6		
70	7.9				9.9			9.5			7.5		
75	7.8				8.8			9.2			7.4		
80	7.6				7.3			8.2			7.3		
85	7.3				6.0			6.9			7.1		
90	7.1				4.8			5.7			6.9		
95	6.8							4.6			6.5		
100	6.5							3.5			5.5		
105	5.7					6.5					4.6		
110	4.8	4.7				6.0			6.1		3.7	4.6	
115	4.1	4.6				5.0			5.6		2.7	4.5	
120	3.3	4.4				4.1			4.7			4.4	
125	2.3	4.3				3.2			3.9			4.3	
130		4.1							3.1			4.1	
135		4.0										3.7	
140		3.8	3.2				4.2			4.2		3.0	
145		3.2	3.2				3.6			3.9			3.1
150		2.5	3.1				2.7			3.3			3.1
155			3.0							2.5			3.0
160			2.9										2.9
165			2.8										2.3
170			2.2										
175													
180													
185													
187													

	1	0+	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	0+
	2	0+	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	45+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+
	6	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	7	90+	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

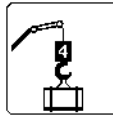
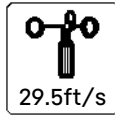
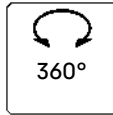
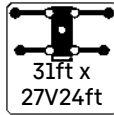
TNZF: T NZF-118ft



ft	x1000lb												
	199.3	199.3	199.3	199.6	199.6	199.6	199.6	199.6	199.6	199.6	212.6	212.6	212.6
24													
26													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55													
60	9.1												
65	9.0				8.2			7.0			7.5	6.5	
70	8.8				8.1			6.9			7.4	6.4	
75	8.0				8.0			6.8			7.3	6.3	
80	6.6				7.5			6.8			6.1	6.2	
85	5.4				6.4			6.6			4.9	5.8	
90	4.1				5.2			6.2			3.5	4.9	
95					4.1			5.2				3.7	
100								4.2				2.6	
105								3.2					
110													
115		4.6				5.3			4.5				
120		3.7				4.4			4.3				4.0
125		2.7				3.6			4.1				3.3
130						2.7			3.5				2.4
135									2.7				
140													
145			3.3				3.8						
150			2.4				3.1			3.0			
155							2.3			2.9			
160										2.2			
165													
170													
175													
180													
185													
187													

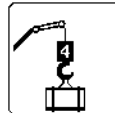
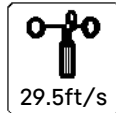
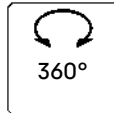
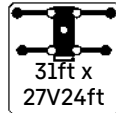
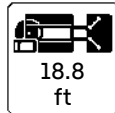
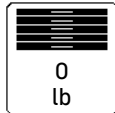
	1	90+	90+	90+	45+	45+	45+	0+	0+	0+	90+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	7	45+	45+	45+	45+	45+	45+	90+	90+	90+	45+	90+	90+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	0.0	22.5










TNZF: T NZF-118ft



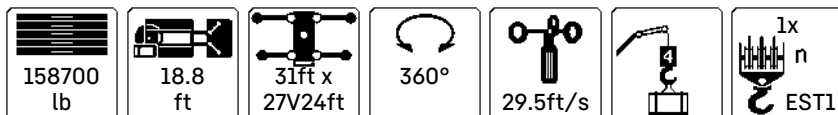
		x1000lb									
	ft	225.6	237.3								
	24										
	26										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60										
	65										
	70	5.8									
	75	5.7	4.4								
	80	5.3	4.4								
	85	4.4	3.7								
	90										
	95										
	100										
	105										
	110										
	115										
	120										
	125										
	130										
	135										
	140										
	145										
	150										
	155										
	160										
	165										
	170										
	175										
	180										
	185										
	187										
	1	90+	90+								
	2	90+	90+								
	3	90+	90+								
	4	90+	100+								
	5	90+	100+								
	6	90+	100+								
	7	90+	100+								
	°	0.0	0.0								

TNZF: T NZF-118ft



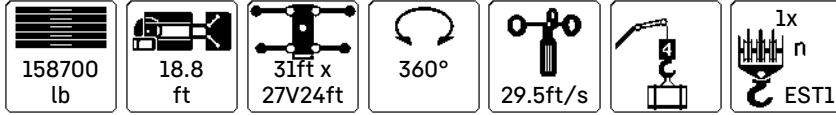
		x1000lb									
	ft										
	24	22.9									
	26	22.9									
	28	22.8									
	30	22.4									
	32	21.9									
	34	21.4									
	36	21.0									
	38	20.5									
	40	20.0									
	45	18.8									
	50	17.1									
	55	15.3									
	60	13.7									
	65	12.4									
	70	11.2	8.9								
	75	10.3	8.3								
	80	9.3	7.8								
	85	8.2	7.3								
	90	7.2	6.9								
	95	6.2	6.5								
	100	5.4	6.1								
	105	4.7	5.7	5.0							
	110	3.9	5.4	4.8							
	115	3.1	5.1	4.6							
	120	2.3	4.5	4.4							
	125		3.8	4.2							
	130		3.1	4.0							
	135			3.9							
	140			3.1							
	143			2.4							
	1	0+	0+	0+							
	2	0+	0+	0+							
	3	0+	0+	0+							
	4	0+	0+	0+							
	5	0+	0+	0+							
	6	0+	0+	0+							
	7	0+	0+	0+							
	°	0.0	22.5	45.0							

TNZF: T NZF-141ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
29	17.4												
30	17.4												
35	16.9												
40	16.1												
45	15.2				12.8								
50	14.4				12.3			11.6			11.4		
60	12.5				11.3			10.7			10.6		
70	10.3				10.3			9.9			9.8		
80	8.6				9.5			9.2			9.1		
90	7.4	6.1			8.8			8.5			8.5		
100	6.4	5.3			8.1			7.9			7.9		
110	5.5	4.7			7.4	5.1		7.4	5.1		7.3	5.1	
120	4.8	4.1			6.7	4.7		6.8	4.7		6.7	4.7	
130	4.2	3.6	3.2		6.2	4.3		6.2	4.3		6.2	4.3	
140	3.7	3.2	2.8		5.6	4.0	3.0	5.7	4.0		5.7	4.0	
150	3.2	2.8	2.4		5.1	3.7	2.8	5.3	3.7	2.8	5.2	3.7	2.8
170	2.5				4.3	3.2	2.5	4.4	3.2	2.5	4.4	3.2	2.5
190					3.6	2.7	2.2	3.8	2.8	2.2	3.7	2.8	2.2
210					3.1	2.4		3.2	2.4		3.2	2.4	
230					2.6			2.7			2.7		
250					2.2			2.4			2.4		
260								2.2			2.2		
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

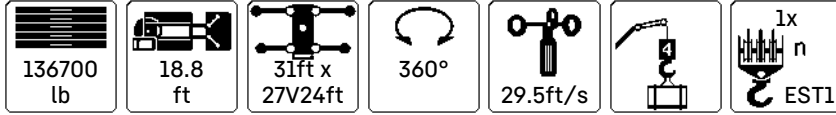
TNZF: T NZF-141ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
29													
30													
35													
40													
45													
50													
60	10.0			9.7			9.1			8.8			
70	9.4			9.2			8.6			8.3			
80	8.8			8.6			8.2			7.9			
90	8.2			8.0			7.7			7.4			
100	7.7			7.5			7.2			7.0			
110	7.2	5.0		7.0	4.9		6.8			6.6			
120	6.6	4.6		6.5	4.6		6.4	4.5		6.2	4.5		
130	6.2	4.3		6.1	4.3		5.9	4.2		5.8	4.1		
140	5.7	4.0		5.6	3.9		5.5	3.9		5.4	3.9		
150	5.3	3.7	2.7	5.2	3.7	2.7	5.2	3.7		5.0	3.6		
170	4.5	3.2	2.5	4.4	3.2	2.4	4.5	3.2	2.4	4.4	3.2	2.4	
190	3.8	2.8	2.2	3.8	2.8	2.2	3.9	2.8	2.2	3.8	2.8		
210	3.3	2.5		3.3	2.5		3.4	2.5		3.3	2.5		
230	2.8	2.2		2.8	2.2		2.9	2.2		2.9	2.2		
250	2.3			2.4						2.4			
260													

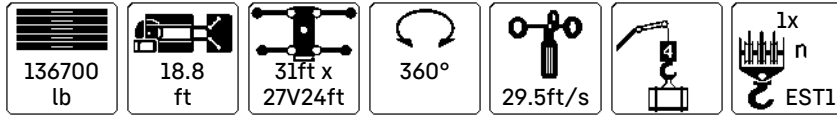
%	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
%	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
%	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
%	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
%	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0










TNZF: T NZF-141ft



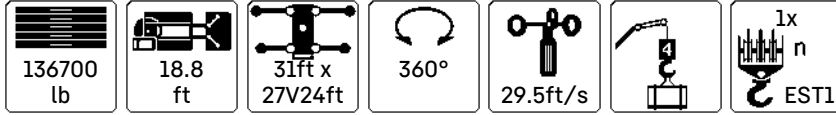
		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	27												
	30												
	35												
	40												
	45												
	50												
	60	10.0			9.7			9.1			8.8		
	70	9.4			9.2			8.6			8.3		
	80	8.8			8.6			8.2			7.9		
	90	8.2			8.0			7.7			7.4		
	100	7.7			7.5			7.2			7.0		
	110	7.2	5.0		7.0	4.9		6.8			6.6		
	120	6.6	4.6		6.5	4.6		6.4	4.5		6.2	4.5	
	130	6.2	4.3		6.1	4.3		5.9	4.2		5.8	4.1	
	140	5.7	4.0		5.6	3.9		5.5	3.9		5.4	3.9	
	150	5.3	3.7	2.7	5.2	3.7	2.7	5.2	3.7		5.0	3.6	
	170	4.5	3.2	2.5	4.4	3.2	2.4	4.5	3.2	2.4	4.4	3.2	2.4
	190	3.8	2.8	2.2	3.8	2.8	2.2	3.9	2.8	2.2	3.8	2.8	
	210	3.3	2.5		3.3	2.5		3.2	2.5		3.3	2.5	
	230		2.2		2.5	2.2			2.2			2.2	
	250												
	252												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-141ft



	ft	x1000lb											
		173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	199.3	199.3
27													
30													
35													
40													
45													
50													
60				8.1									
70	6.0			7.8			7.3			5.6		6.7	
80	5.7			7.4			7.0			5.4		6.5	
90	5.3			7.0			6.6			5.1		6.2	
100	4.9			6.7			6.3			4.8		5.9	
110	4.5			6.3			6.0			4.4		5.6	
120	4.2			5.9	4.4		5.7			4.0		5.4	
130	3.8	2.7		5.6	4.1		5.3	4.0		3.7	2.6	5.1	3.9
140	3.5	2.4		5.2	3.8		5.0	3.7		3.4	2.3	4.8	3.7
150	3.2			4.9	3.6		4.7	3.5		3.2		4.5	3.4
170	2.7			4.3	3.1	2.4	4.1	3.1	2.3	2.7		4.0	3.0
190				3.8	2.8		3.7	2.7				3.6	2.7
210				2.7	2.5		3.2	2.4				2.3	2.4
230					2.2								
250													
252													
	1	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	90+	90+
	2	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	6	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	7	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	°	0.0	22.5	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5

TNZF: T NZF-141ft



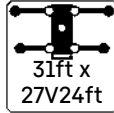
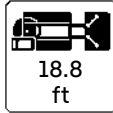
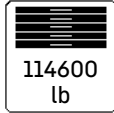
	ft	x1000lb											
		199.3	199.6	199.6	199.6	212.6	212.6	212.6	225.6				
	27												
	30												
	35												
	40												
	45												
	50												
	60												
	70		6.1		4.9								
	80		5.9		4.9	5.3		4.5	3.8				
	90		5.7		4.8	5.2		4.4	3.8				
	100		5.5		4.5	5.1		4.2	3.8				
	110		5.2		4.2	4.9		4.0	3.7				
	120		5.0		3.9	4.7		3.7	3.5				
	130		4.7	3.7	3.6	4.5		3.4	3.2				
	140		4.5	3.5	3.3	4.2	3.4	3.2	3.0				
	150		4.2	3.3	3.1	4.0	3.2	3.0	2.8				
	170	2.3	3.7	2.9	2.6	3.5	2.8	2.5	2.4				
	190		3.0	2.6		2.9	2.5						
	210		2.5	2.3			2.3						
	230												
	250												
	252												
	1	90+	45+	45+	0+	90+	90+	45+	90+				
	2	90+	90+	90+	90+	90+	90+	90+	90+				
	3	90+	90+	90+	90+	90+	90+	90+	90+				
	4	90+	90+	90+	90+	90+	90+	90+	90+				
	5	90+	90+	90+	90+	90+	90+	90+	90+				
	6	45+	90+	90+	90+	90+	90+	90+	90+				
	7	45+	45+	45+	90+	45+	45+	90+	90+				
	°	45.0	0.0	22.5	0.0	0.0	22.5	0.0	0.0				

TNZF: T NZF-141ft



	ft	x1000lb											
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6
27	17.4												
30	17.4												
35	16.9												
40	16.1												
45	15.2				12.8								
50	14.4				12.3			11.6			11.4		
60	12.5				11.3			10.7			10.6		
70	10.3				10.3			9.9			9.8		
80	8.6				9.5			9.2			9.1		
90	7.4	6.1			8.8			8.5			8.5		
100	6.4	5.3			8.1			7.9			7.9		
110	5.5	4.7			7.4	5.1		7.4	5.1		7.3	5.1	
120	4.8	4.1			6.7	4.7		6.8	4.7		6.7	4.7	
130	4.2	3.6	3.2		6.2	4.3		6.2	4.3		6.2	4.3	
140	3.7	3.2	2.8		5.6	4.0	3.0	5.7	4.0		5.7	4.0	
150	3.2	2.8	2.4		5.1	3.7	2.8	5.3	3.7	2.8	5.2	3.7	2.8
170	2.5				4.3	3.2	2.5	4.4	3.2	2.5	4.4	3.2	2.5
190					3.6	2.7	2.2	3.8	2.8	2.2	3.7	2.8	2.2
210					3.1	2.4		2.5	2.4		2.8	2.4	
230													
242													
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
2%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
3%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
4%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
5%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
6%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
7%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

TNZF: T NZF-141ft



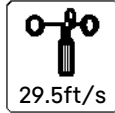
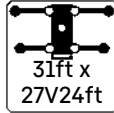
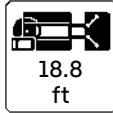
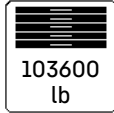
	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	27												
	30												
	35												
	40												
	45												
	50												
	60	10.0			9.7			9.1			8.8		
	70	9.4			9.2			8.6			8.3		
	80	8.8			8.6			8.2			7.9		
	90	8.2			8.0			7.7			7.4		
	100	7.7			7.5			7.2			7.0		
	110	7.2	5.0		7.0	4.9		6.8			6.6		
	120	6.6	4.6		6.5	4.6		6.4	4.5		6.2	4.5	
	130	6.2	4.3		6.1	4.3		5.9	4.2		5.8	4.1	
	140	5.7	4.0		5.6	3.9		5.5	3.9		5.4	3.9	
	150	5.3	3.7	2.7	5.2	3.7	2.7	5.2	3.7		5.0	3.6	
	170	4.5	3.2	2.5	4.4	3.2	2.4	4.5	3.2	2.4	4.4	3.2	2.4
	190	3.5	2.8	2.2	3.8	2.8	2.2	2.8	2.8	2.2	3.5	2.8	
	210		2.5			2.5			2.5			2.5	
	230												
	242												
	1%	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2%	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3%	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4%	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5%	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6%	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7%	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-141ft



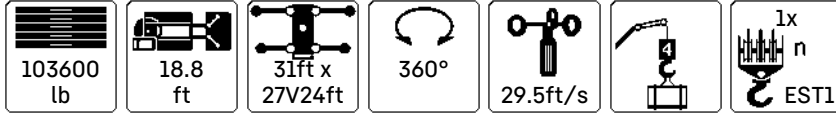
ft	x1000lb												
	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	199.3	199.3	
27													
30													
35													
40													
45													
50													
60			8.1										
70	6.0		7.8				7.3			5.6		6.7	
80	5.7		7.4				7.0			5.4		6.5	
90	5.3		7.0				6.6			5.1		6.2	
100	4.9		6.7				6.3			4.8		5.9	
110	4.5		6.3				6.0			4.4		5.6	
120	4.2		5.9	4.4			5.7			4.0		5.4	
130	3.8	2.7	5.6	4.1			5.3	4.0		3.7	2.6	5.1	3.9
140	3.5	2.4	5.2	3.8			5.0	3.7		3.4	2.3	4.8	3.7
150	3.2		4.9	3.6			4.7	3.5		3.2		4.5	3.4
170	2.7		4.2	3.1	2.4		4.1	3.1	2.3	2.7		3.9	3.0
190				2.8			3.1	2.7					2.7
210				2.5				2.4					2.4
230													
242													
	1	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	90+	90+
	2	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	6	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	7	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	°	0.0	22.5	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5

TNZF: T NZF-141ft



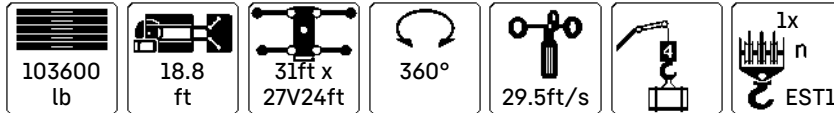
	ft	x1000lb												
		41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
27	17.4													
30	17.4													
35	16.9													
40	16.1													
45	15.2				12.8									
50	14.4				12.3			11.6			11.4			
60	12.5				11.3			10.7			10.6			
70	10.3				10.3			9.9			9.8			
80	8.6				9.5			9.2			9.1			
90	7.4	6.1			8.8			8.5			8.5			
100	6.4	5.3			8.1			7.9			7.9			
110	5.5	4.7			7.4	5.1		7.4	5.1		7.3	5.1		
120	4.8	4.1			6.7	4.7		6.8	4.7		6.7	4.7		
130	4.2	3.6	3.2		6.2	4.3		6.2	4.3		6.2	4.3		
140	3.7	3.2	2.8		5.6	4.0	3.0	5.7	4.0		5.7	4.0		
150	3.2	2.8	2.4		5.1	3.7	2.8	5.3	3.7	2.8	5.2	3.7	2.8	
170	2.5				4.3	3.2	2.5	4.4	3.2	2.5	4.4	3.2	2.5	
190					3.6	2.7	2.2	3.1	2.8	2.2	3.5	2.8	2.2	
210					2.5	2.4			2.4			2.4		
230														
234														
	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

TNZF: T NZF-141ft



		x1000lb											
	ft	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	27												
	30												
	35												
	40												
	45												
	50												
	60	10.0			9.7			9.1			8.8		
	70	9.4			9.2			8.6			8.3		
	80	8.8			8.6			8.2			7.9		
	90	8.2			8.0			7.7			7.4		
	100	7.7			7.5			7.2			7.0		
	110	7.2	5.0		7.0	4.9		6.8			6.6		
	120	6.6	4.6		6.5	4.6		6.4	4.5		6.2	4.5	
	130	6.2	4.3		6.1	4.3		5.9	4.2		5.8	4.1	
	140	5.7	4.0		5.6	3.9		5.5	3.9		5.4	3.9	
	150	5.3	3.7	2.7	5.2	3.7	2.7	5.2	3.7		5.0	3.6	
	170	4.4	3.2	2.5	4.4	3.2	2.4	3.6	3.2	2.4	4.2	3.2	2.4
	190		2.8	2.2	2.7	2.8	2.2		2.8	2.2		2.8	
	210		2.4			2.5						2.4	
	230												
	234												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-141ft



ft	x1000lb												
	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	199.3	199.3	
27													
30													
35													
40													
45													
50													
60			8.1										
70	6.0		7.8			7.3			5.6		6.7		
80	5.7		7.4			7.0			5.4		6.5		
90	5.3		7.0			6.6			5.1		6.2		
100	4.9		6.7			6.3			4.8		5.9		
110	4.5		6.3			6.0			4.4		5.6		
120	4.2		5.9	4.4		5.7			4.0		5.4		
130	3.8	2.7	5.6	4.1		5.3	4.0		3.7	2.6	5.1	3.9	
140	3.5	2.4	5.2	3.8		5.0	3.7		3.4	2.3	4.8	3.7	
150	3.2		4.9	3.6		4.7	3.5		3.2		4.5	3.4	
170	2.7		3.0	3.1	2.4	3.8	3.1	2.3	2.7		2.6	3.0	
190				2.8			2.7					2.7	
210							2.3						
230													
234													

	%	1	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	90+	90+
	%	2	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	90+	90+
	%	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	%	5	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	6	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	%	7	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	°	0.0	22.5	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5	

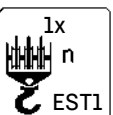
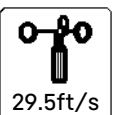
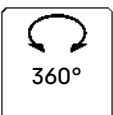
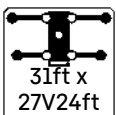
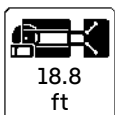
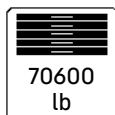
TNZF: T NZF-141ft



ft	x1000lb												
	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	199.3	199.3	
27													
30													
35													
40													
45													
50													
60			8.1										
70	6.0		7.8				7.3			5.6		6.7	
80	5.7		7.4				7.0			5.4		6.5	
90	5.3		7.0				6.6			5.1		6.2	
100	4.9		6.7				6.3			4.8		5.9	
110	4.5		6.3				6.0			4.4		5.6	
120	4.2		5.9	4.4			5.7			4.0		5.4	
130	3.8	2.7	5.6	4.1			5.3	4.0		3.7	2.6	5.1	3.9
140	3.5	2.4	5.1	3.8			5.0	3.7		3.4	2.3	4.8	3.7
150	3.2		4.0	3.6			4.5	3.5		3.2		3.5	3.4
170	2.7			3.1	2.4		2.3	3.1	2.3	2.7			3.0
190				2.6				2.7					
210													
225													

1	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	90+	90+
2	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	90+	90+
3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
5	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
6	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
7	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
°	0.0	22.5	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5

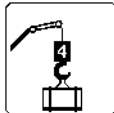
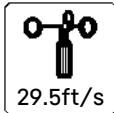
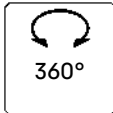
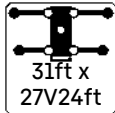
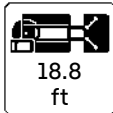
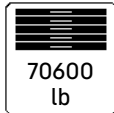
TNZF: T NZF-141ft



ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
27	17.4													
30	17.4													
35	16.9													
40	16.1													
45	15.2			12.8										
50	14.4			12.3			11.6				11.4			
60	12.5			11.3			10.7				10.6			
70	10.3			10.3			9.9				9.8			
80	8.6			9.5			9.2				9.1			
90	7.4	6.1		8.8			8.5				8.5			
100	6.4	5.3		8.1			7.9				7.9			
110	5.5	4.7		7.4	5.1		7.4	5.1			7.3	5.1		
120	4.8	4.1		6.7	4.7		6.8	4.7			6.7	4.7		
130	4.2	3.6	3.2	6.2	4.3		6.0	4.3			6.1	4.3		
140	3.7	3.2	2.8	5.6	4.0	3.0	4.5	4.0			4.9	4.0		
150	3.2	2.8	2.4	4.7	3.7	2.8	2.9	3.7	2.8		3.4	3.7	2.8	
170	2.5				3.2	2.5		3.2	2.5			3.2	2.5	
190					2.6	2.2			2.2				2.2	2.2
210														
212														

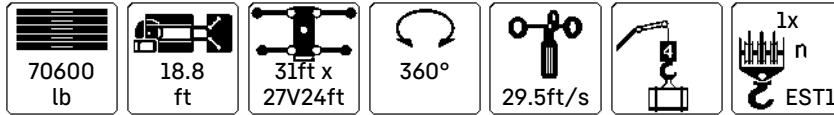
1%	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
1%	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
1%	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
1%	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
°	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-141ft



	ft	x1000lb											
		159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9
	27												
	30												
	35												
	40												
	45												
	50												
	60	10.0			9.7			9.1			8.8		
	70	9.4			9.2			8.6			8.3		
	80	8.8			8.6			8.2			7.9		
	90	8.2			8.0			7.7			7.4		
	100	7.7			7.5			7.2			7.0		
	110	7.2	5.0		7.0	4.9		6.7			6.6		
	120	6.4	4.6		6.5	4.6		5.8	4.5		6.1	4.5	
	130	5.0	4.3		5.5	4.3		4.1	4.2		4.8	4.1	
	140	3.3	4.0		4.0	3.9		3.9			3.3	3.9	
	150		3.7	2.7	2.3	3.7	2.7	3.7			3.6		
	170		3.0	2.5		3.1	2.4	2.4	2.4		2.9	2.4	
	190			2.2			2.2		2.2				
	210												
	212												
	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-141ft



ft	x1000lb											
	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	199.3	199.3
27												
30												
35												
40												
45												
50												
60			8.1									
70	6.0		7.8				7.3			5.6		6.7
80	5.7		7.4				7.0			5.4		6.5
90	5.3		7.0				6.6			5.1		6.2
100	4.9		6.7				6.3			4.8		5.9
110	4.5		6.3				6.0			4.4		5.6
120	4.2		5.0	4.4			5.5			4.0		4.5
130	3.8	2.7	3.4	4.1			4.3	4.0		3.7	2.6	3.9
140	3.5	2.4		3.8			2.7	3.7		3.4	2.3	3.7
150	3.2			3.6				3.5		3.0		3.4
170					2.4			2.8	2.3			
190												
210												
212												

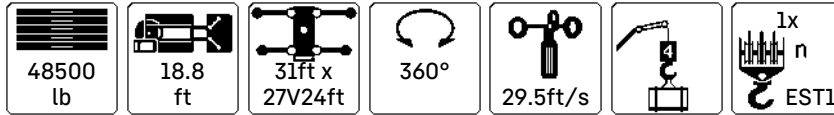
	1	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	90+	90+
	2	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	6	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	7	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	°	0.0	22.5	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5

TNZF: T NZF-141ft



		x1000lb											
	ft	199.3	199.6	199.6	199.6	212.6	212.6	212.6	225.6				
	27												
	30												
	35												
	40												
	45												
	50												
	60												
	70		6.1		4.9								
	80		5.9		4.9	5.3		4.5	3.8				
	90		5.7		4.8	5.2		4.4	3.8				
	100		5.5		4.5	5.1		4.2	3.8				
	110		5.2		4.2	4.9		4.0	3.7				
	120		4.8		3.9	4.1		3.7	3.5				
	130		3.9	3.7	3.6	2.3		3.3					
	140			3.5	3.3		3.4						
	150			3.3			3.2						
	170	2.3		2.4									
	190												
	210												
	212												
	1	90+	45+	45+	0+	90+	90+	45+	90+				
	2	90+	90+	90+	90+	90+	90+	90+	90+				
	3	90+	90+	90+	90+	90+	90+	90+	90+				
	4	90+	90+	90+	90+	90+	90+	90+	90+				
	5	90+	90+	90+	90+	90+	90+	90+	90+				
	6	45+	90+	90+	90+	90+	90+	90+	90+				
	7	45+	45+	45+	90+	45+	45+	90+	90+				
	°	45.0	0.0	22.5	0.0	0.0	22.5	0.0	0.0				

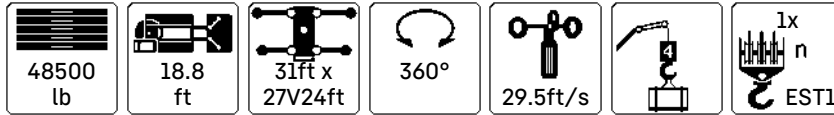
TNZF: T NZF-141ft



ft	x1000lb													
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	146.6	
27	17.4													
28	17.4													
30	17.4													
32	17.4													
34	17.1													
36	16.8													
38	16.4													
40	16.1													
45	15.2			12.8										
50	14.4			12.3			11.6				11.4			
55	13.6			11.8			11.2				11.0			
60	12.5			11.3			10.7				10.6			
65	11.3			10.8			10.3				10.2			
70	10.3			10.3			9.9				9.8			
75	9.4			9.9			9.5				9.5			
80	8.6			9.5			9.2				9.1			
85	8.0	6.6		9.1			8.9				8.8			
90	7.4	6.1		8.8			8.5				8.5			
95	6.8	5.7		8.4			8.2				8.2			
100	6.4	5.3		8.1			7.6				7.8			
105	5.9	5.0		7.7	5.3		6.5	5.3			6.8	5.2		
110	5.5	4.7		7.0	5.1		5.4	5.1			5.9	5.1		
115	5.1	4.4		6.2	4.9		4.5	4.9			4.9	4.9		
120	4.8	4.1		5.2	4.7		3.4	4.7			3.9	4.7		
125	4.5	3.9	3.4	4.4	4.5		2.3	4.5			3.0	4.5		
130	4.2	3.6	3.2	3.6	4.3			4.3				4.3		
135	3.9	3.4	3.0	2.6	4.1			4.2				4.1		
140	3.7	3.2	2.8		4.0	3.0		4.0				4.0		
145	3.4	3.0	2.6		3.8	2.9		3.9	2.8			3.8	2.8	
150	3.2	2.8	2.4		3.7	2.8		3.3	2.8			3.4	2.8	
155	3.0	2.6	2.3		3.5	2.7		2.6	2.7			2.9	2.7	
160	2.8	2.4			3.1	2.6			2.6				2.6	
165	2.6	2.3			2.4	2.5			2.5				2.5	
170	2.5					2.5			2.5				2.5	
175	2.3					2.4			2.4					2.4
180						2.3								
185						2.3								
190														
195														
197														

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+	
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+	
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	

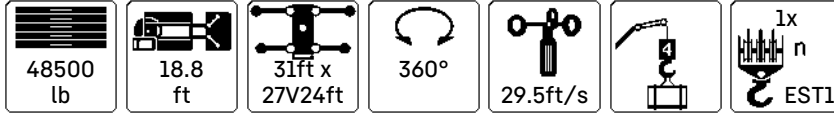
TNZF: T NZF-141ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.8	172.9	172.9	172.9	
27													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55	10.3			10.0			9.3						
60	10.0			9.7			9.1			8.8			
65	9.7			9.4			8.9			8.5			
70	9.4			9.2			8.6			8.3			
75	9.1			8.9			8.4			8.1			
80	8.8			8.6			8.2			7.9			
85	8.5			8.3			7.9			7.6			
90	8.1			8.0			7.4			7.4			
95	7.5			7.7			6.4			6.9			
100	6.4			6.9			5.4			6.0			
105	5.3			5.9			4.4			5.1			
110	4.3	5.0		4.9	4.9					4.1			
115		4.8		3.9	4.8			4.7		3.1			
120		4.6		2.8	4.6			4.5			4.5		
125		4.5			4.4			4.4			4.3		
130		4.3			4.3			4.2			4.1		
135		4.1			4.1			4.1			4.0		
140		4.0			3.9			3.5			3.9		
145		3.3			3.7			2.7			3.3		
150		2.5	2.7		3.0	2.7					2.6		
155			2.7			2.7			2.6				2.6
160			2.6			2.6			2.6				2.5
165			2.5			2.5			2.5				2.5
170			2.5			2.4			2.4				2.4
175			2.3			2.4							2.3
180													
185													
190													
195													
197													

	1	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

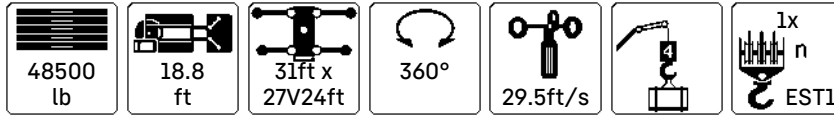
TNZF: T NZF-141ft



ft	x1000lb												
	173.6	173.6	185.9	185.9	185.9	186.3	186.3	186.3	186.6	186.6	199.3	199.3	
27													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55													
60				8.1									
65	6.1			8.0			7.4			5.6		6.9	
70	6.0			7.8			7.3			5.6		6.7	
75	5.9			7.6			7.1			5.5		6.6	
80	5.7			7.4			7.0			5.4		6.5	
85	5.5			7.2			6.8			5.3		6.3	
90	5.3			6.6			6.6			5.1		6.0	
95	5.1			5.6			6.2			4.9		4.9	
100	4.9			4.6			5.4			4.8		3.9	
105	4.7						4.4			4.6		2.7	
110	4.5						3.5			4.4			
115	4.3									4.1			
120	4.1				4.4					3.5			
125	3.8	2.8			4.2			4.1		2.9			
130	3.3	2.7			4.1			4.0			2.6		3.8
135	2.5	2.6			3.8			3.8			2.5		3.4
140		2.4			3.0			3.6			2.3		2.5
145		2.3						2.9			2.2		
150													
155													
160						2.5			2.5				
165						2.4			2.4				
170						2.4			2.3				
175									2.2				
180													
185													
190													
195													
197													

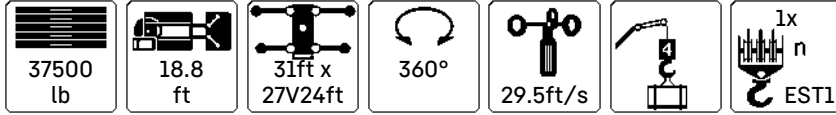
	1	0+	0+	90+	90+	90+	45+	45+	45+	0+	0+	90+	90+
	2	0+	0+	90+	90+	90+	90+	90+	90+	45+	45+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	6	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	7	90+	90+	45+	45+	45+	45+	45+	45+	90+	90+	45+	45+
	°	0.0	22.5	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5

TNZF: T NZF-141ft



ft	x1000lb						
	199.6	199.6	199.6	212.6	212.6	225.6	
27							
28							
30							
32							
34							
36							
38							
40							
45							
50							
55							
60							
65							
70	6.1		4.9				
75	6.0		4.9	5.4	4.6	3.8	
80	5.9		4.9	5.3	4.5	3.8	
85	5.8		4.8	5.2	4.4	3.8	
90	5.7		4.8	5.1	4.4	3.8	
95	5.6		4.7	4.4	4.3	3.8	
100	4.8		4.5	3.3	4.1	2.9	
105	4.0		4.3		3.6		
110			3.9		2.4		
115			3.1				
120							
125							
130		3.7					
135		3.6					
140		3.3					
145		2.5					
150							
155							
160							
165							
170							
175							
180							
185							
190							
195							
197							
%	1	45+	45+	0+	90+	45+	90+
%	2	90+	90+	90+	90+	90+	90+
%	3	90+	90+	90+	90+	90+	90+
%	4	90+	90+	90+	90+	90+	90+
%	5	90+	90+	90+	90+	90+	90+
%	6	90+	90+	90+	90+	90+	90+
%	7	45+	45+	90+	45+	90+	90+
°	°	0.0	22.5	0.0	0.0	0.0	0.0

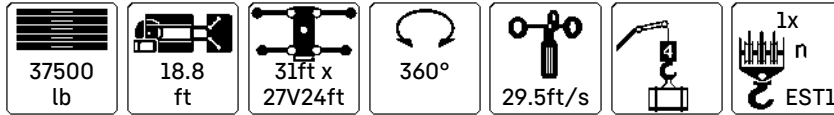
TNZF: T NZF-141ft



ft	x1000lb												
	41.5	41.5	41.5	133.6	133.6	133.6	146.6	146.6	146.6	146.6	146.6	146.6	
27	17.4												
28	17.4												
30	17.4												
32	17.4												
34	17.1												
36	16.8												
38	16.4												
40	16.1												
45	15.2			12.8									
50	14.4			12.3			11.6				11.4		
55	13.6			11.8			11.2				11.0		
60	12.5			11.3			10.7				10.6		
65	11.3			10.8			10.3				10.2		
70	10.3			10.3			9.9				9.8		
75	9.4			9.9			9.5				9.5		
80	8.6			9.5			9.2				9.1		
85	8.0	6.6		9.1			8.7				8.8		
90	7.4	6.1		8.8			7.4				7.8		
95	6.8	5.7		7.9			6.2				6.6		
100	6.4	5.3		6.8			5.0				5.4		
105	5.9	5.0		5.7	5.3		3.8	5.3			4.4	5.2	
110	5.5	4.7		4.7	5.1			5.1			3.3	5.1	
115	5.1	4.4		3.7	4.9			4.9				4.9	
120	4.8	4.1		2.6	4.7			4.7				4.7	
125	4.5	3.9	3.4		4.5			4.5				4.5	
130	4.2	3.6	3.2		4.3			4.3				4.3	
135	3.9	3.4	3.0		4.1			3.8				4.0	
140	3.7	3.2	2.8		3.9	3.0		2.9				3.3	
145	3.4	3.0	2.6		3.4	2.9			2.8			2.4	2.8
150	3.2	2.8	2.4		2.6	2.8			2.8				2.8
155	3.0	2.6	2.3			2.7			2.7				2.7
160	2.8	2.4				2.6			2.6				2.6
165	2.6	2.3				2.5			2.5				2.5
170	2.5					2.5							
175	2.3												
180													
185													
187													

	1	0+	0+	0+	45+	45+	45+	90+	90+	90+	45+	45+	45+
	2	0+	0+	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+
	3	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	4	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	5	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	6	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	7	0+	0+	0+	45+	45+	45+	45+	45+	45+	45+	45+	45+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	45.0

TNZF: T NZF-141ft



ft	x1000lb												
	159.6	159.6	159.6	159.7	159.7	159.7	172.8	172.8	172.9	172.9	172.9	173.6	
27													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55	10.3				10.0			9.3					
60	10.0				9.7			9.1		8.8			
65	9.7				9.4			8.9		8.5			6.1
70	9.4				9.2			8.6		8.3			6.0
75	9.1				8.9			8.4		8.1			5.9
80	8.5				8.6			7.5		7.8			5.7
85	7.3				7.9			6.2		6.9			5.5
90	6.1				6.6			5.1		5.8			5.3
95	4.9				5.5			3.8		4.7			5.1
100	3.7				4.4								4.9
105													4.7
110		5.0				4.9							4.2
115		4.8				4.8			4.7				3.3
120		4.6				4.6			4.5		4.5		
125		4.4				4.4			4.1		4.3		
130		3.9				4.1			3.3		3.8		
135		3.0				3.5			2.2		3.0		
140						2.5							
145													
150				2.7			2.7						
155				2.7			2.7					2.6	
160				2.6			2.6					2.5	
165							2.4						
170													
175													
180													
185													
187													

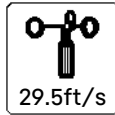
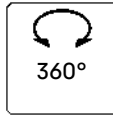
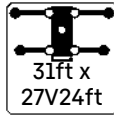
	1	90+	90+	90+	45+	45+	45+	90+	90+	45+	45+	45+	0+
	2	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	0+
	3	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	45+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+
	5	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+
	6	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+
	7	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	45+	90+
	°	0.0	22.5	45.0	0.0	22.5	45.0	0.0	22.5	0.0	22.5	45.0	0.0

TNZF: T NZF-141ft



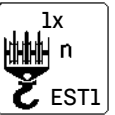
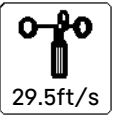
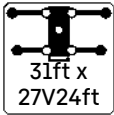
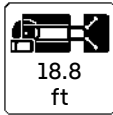
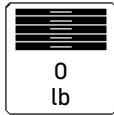
ft	x1000lb												
	173.6	185.9	185.9	186.3	186.3	186.6	186.6	199.3	199.6	199.6	212.6	212.6	
27													
28													
30													
32													
34													
36													
38													
40													
45													
50													
55													
60		8.1											
65		8.0		7.4		5.6		6.9					
70		7.8		7.3		5.6		6.7	6.1	4.9			
75		7.5		7.1		5.5		6.6	6.0	4.9	5.4	4.6	
80		6.6		7.0		5.4		5.9	5.9	4.9	5.2	4.5	
85		5.4		6.1		5.3		4.6	5.5	4.8	3.9	4.4	
90		4.1		5.1		5.1		3.3	4.5	4.8	2.6	3.8	
95		2.8		3.9		4.9			3.3	4.4		2.8	
100				2.7		4.6				3.3			
105						3.9				2.2			
110						2.9							
115													
120			4.3										
125	2.8		3.6		4.0								
130	2.7		2.7		3.3		2.6						
135	2.6				2.4		2.5						
140	2.4						2.3						
145	2.3						2.2						
150													
155													
160													
165													
170													
175													
180													
185													
187													
	1	0+	90+	90+	45+	45+	0+	0+	90+	45+	0+	90+	45+
	2	0+	90+	90+	90+	90+	45+	45+	90+	90+	90+	90+	90+
	3	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	4	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	5	90+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+	90+
	6	90+	45+	45+	45+	45+	90+	90+	45+	90+	90+	90+	90+
	7	90+	45+	45+	45+	45+	90+	90+	45+	45+	90+	45+	90+
	°	22.5	0.0	22.5	0.0	22.5	0.0	22.5	0.0	0.0	0.0	0.0	0.0

TNZF: T NZF-141ft

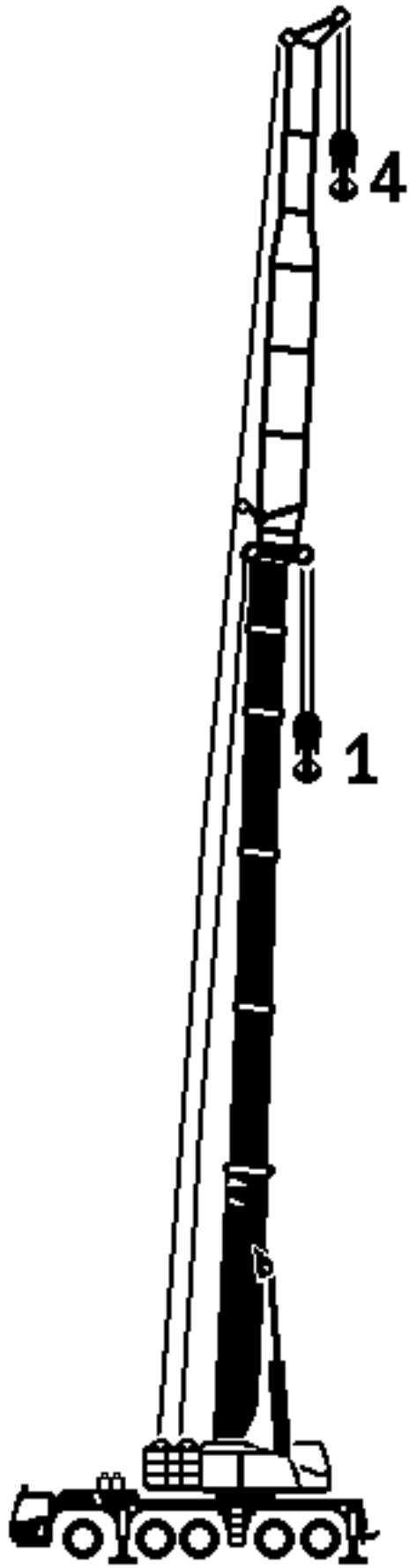


		x1000lb									
	ft	225.6									
	27										
	28										
	30										
	32										
	34										
	36										
	38										
	40										
	45										
	50										
	55										
	60										
	65										
	70										
	75	3.8									
	80	3.8									
	85	3.4									
	90										
	95										
	100										
	105										
	110										
	115										
	120										
	125										
	130										
	135										
	140										
	145										
	150										
	155										
	160										
	165										
	170										
	175										
	180										
	185										
	187										
	1	90+									
	2	90+									
	3	90+									
	4	90+									
	5	90+									
	6	90+									
	7	90+									
	°	0.0									

TNZF: T NZF-141ft



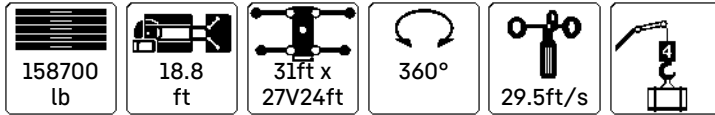
		x1000lb										
	ft											
	27	17.4										
	28	17.4										
	30	17.4										
	32	17.4										
	34	17.1										
	36	16.8										
	38	16.4										
	40	16.1										
	45	15.2										
	50	14.4										
	55	13.6										
	60	12.5										
	65	11.3										
	70	10.3										
	75	9.4										
	80	8.6										
	85	8.0	6.6									
	90	7.3	6.1									
	95	6.4	5.7									
	100	5.5	5.3									
	105	4.7	5.0									
	110	3.9	4.7									
	115	3.1	4.4									
	120	2.3	4.1									
	125		3.9	3.4								
	130		3.6	3.2								
	135		3.1	3.0								
	140		2.3	2.8								
	145			2.6								
	150			2.4								
	155			2.3								
	1	0+	0+	0+								
	2	0+	0+	0+								
	3	0+	0+	0+								
	4	0+	0+	0+								
	5	0+	0+	0+								
	6	0+	0+	0+								
	7	0+	0+	0+								
	°	0.0	22.5	45.0								



TS

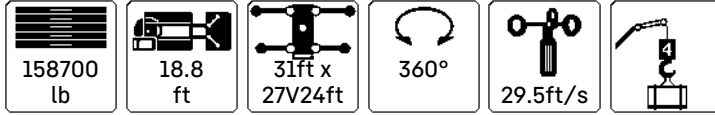
TS: T S-13ft	1202
TS: T S-36ft	1309
TS: T S-59ft	1326
TS: T S-82ft	1343
TS: T S-105ft	1360
TS: T S-128ft	1377

TS: T S-13ft



		x1000lb												
	ft	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9	
		13	90.8	90.8	90.8	90.8	90.8				90.8			
14	90.8	90.8	90.8	90.8	90.8				90.8	90.8	90.8	90.8		
16	90.8	90.8	90.8	90.8	90.8				90.8	90.8	90.8	90.8	90.8	
18	90.8	90.8	90.8	90.8	90.8				90.8	90.8	90.8	90.8	90.8	
20	90.8	90.8	90.8	90.8	90.8				90.8	90.8	90.8	90.8	90.8	
25	89.7	90.8	90.8	90.8	90.8				90.8	90.8	90.8	90.8	90.8	
30	84.8	90.3	90.3	90.3	90.3				90.4	90.4	78.4	90.8	90.8	
35	76.7	87.3	87.3	87.3	87.3				87.4	87.4	69.6	90.7	90.7	
40	69.5	81.7	81.7	81.8	81.8				82.0	82.0	62.5	88.4	88.4	
45	63.7	75.0	75.0	75.1	75.1				75.2	75.2	56.8	84.5	84.5	
50	60.3	69.4	69.4	69.5	69.5				69.6	69.6	52.1	79.3	79.3	
60		61.1	61.1	61.2	61.2				61.3	61.3	44.6	69.3	69.3	
70											57.2	58.6	59.1	
80													61.0	
90														
100														
110														
120														
130														
140														
150														
170														
190														
210														
230														
248														
	1	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	ESTL	4X	4X	4X	4X	4X	4X	4X	4X	4X	4X	4X	4X	4X

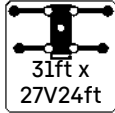
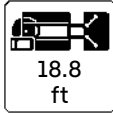
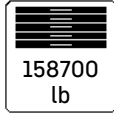
TS: T S-13ft



	ft	x1000lb											
		67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2
13													
14								90.8	90.8				
16		90.8	90.8					90.8	90.8	90.8	90.8		
18		90.8	90.8	90.8	90.8			90.8	90.8	90.8	90.8	90.8	
20		90.8	90.8	90.8	90.8	81.8	69.5	90.8	90.8	90.8	90.8	90.8	90.8
25		90.8	90.8	90.8	90.4	70.6	60.2	90.8	90.8	90.8	90.8	90.8	90.8
30		90.8	90.8	90.8	86.1	61.7	52.9	90.8	90.8	90.8	90.8	90.8	89.0
35		90.7	90.7	90.7	77.5	54.8	46.9	90.8	90.8	90.8	90.8	90.8	83.0
40		88.5	88.5	88.6	70.2	48.8	42.0	90.7	90.7	90.7	90.7	90.7	76.0
45		84.7	84.8	84.8	64.4	44.0	37.9	89.0	89.0	89.1	89.1	89.2	70.0
50		79.5	79.6	79.7	59.4	39.8	34.4	86.3	86.3	86.5	86.6	86.7	65.0
60		69.5	69.6	68.8	51.7	33.3	29.0	71.5	72.6	74.8	77.4	77.5	56.9
70		61.0	62.5	59.4	45.7	28.6	25.1	56.9	58.2	60.6	63.2	64.9	50.8
80								45.3	46.6	49.2	52.1	54.1	45.8
90													
100													
110													
120													
130													
140													
150													
170													
190													
210													
230													
248													

	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

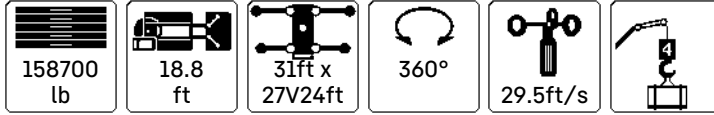
TS: T S-13ft



ft	x1000lb												
	81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2	
13													
14													
16			90.8										
18			90.8	90.8									
20	80.9		90.8	90.8	90.8								90.8
25	69.5	68.5	90.8	90.8	90.8	90.8	77.2	71.2	71.3	59.6			90.8
30	60.6	60.0	90.8	90.8	90.8	90.8	68.2	63.2	63.3	52.6	46.2		90.8
35	53.4	53.1	90.8	90.8	90.8	87.3	60.6	56.5	56.8	47.1	41.3		90.8
40	47.6	47.6	90.8	90.8	90.8	80.3	53.9	50.9	51.2	42.3	37.2		90.8
45	42.8	42.9	90.8	90.8	90.8	74.5	48.7	46.4	46.6	38.4	33.6		90.8
50	38.8	39.0	89.4	89.6	89.6	69.6	44.3	42.5	42.8	34.9	30.5		89.5
60	32.5	32.9	73.3	76.3	78.4	61.3	37.0	36.1	36.5	29.1	25.6		74.6
70	27.9	28.3	59.0	62.0	64.1	55.0	31.6	31.3	31.7	24.6	21.8		60.5
80	24.3	24.9	47.4	50.8	53.2	49.9	27.4	27.6	28.1	21.2	18.8		49.1
90			38.7	42.1	44.5	45.8	24.2	24.5	25.2	18.5	16.5		40.3
100			28.0	31.7	34.5	36.1	21.7	22.2	23.1	16.4	14.7		33.5
110													28.1
120													
130													
140													
150													
170													
190													
210													
230													
248													

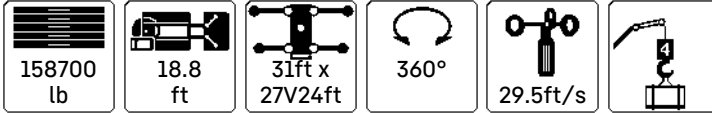
1%	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
1%	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
1%	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
1%	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
1%	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
1%	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
1%	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
EST1		4x	3x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

TS: T S-13ft



ft	x1000lb												
	107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5	
13													
14													
16													
18													
20	90.8												
25	90.8	90.8	85.1	76.9	63.9	72.0		90.8	90.8	83.5			72.2
30	90.8	90.8	75.8	69.1	57.5	65.3	53.4	90.8	90.8	75.6	64.8		66.0
35	90.8	89.7	68.2	62.7	51.8	59.3	48.3	90.8	90.6	68.8	59.0		60.8
40	90.8	83.9	61.7	56.9	46.8	54.1	44.0	90.8	86.3	63.1	54.1		56.2
45	90.8	77.9	55.7	51.5	42.3	49.4	40.2	90.8	81.0	58.0	49.6		51.9
50	90.3	73.1	50.8	47.3	38.7	45.6	37.1	88.6	75.9	53.3	45.3		47.9
60	77.2	65.0	42.5	40.2	32.7	39.3	31.5	74.4	68.0	45.5	38.5		41.8
70	63.0	58.5	36.3	34.7	28.1	34.4	27.1	61.5	61.5	39.4	33.1		36.9
80	51.9	53.3	31.6	30.5	24.5	30.7	23.7	50.3	53.1	34.5	28.9		33.0
90	43.2	45.6	27.7	27.1	21.5	27.6	21.0	41.5	44.3	30.5	25.4		29.8
100	36.3	38.8	24.6	24.4	19.0	25.1	18.7	34.6	37.5	27.3	22.5		27.2
110	30.9	33.2	22.1	22.3	16.9	23.3	17.0	29.2	32.1	24.7	19.9		25.1
120								24.9	27.7	22.6	17.9		23.4
130													
140													
150													
170													
190													
210													
230													
248													
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	4x	4x	4x	4x	3x	4x	3x	4x	4x	4x	3x	4x

TS: T S-13ft



		x1000lb											
ft		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
13													
14													
16													
18													
20													
25							90.8	90.8	78.6	71.8			
30		63.9	57.2	53.9	49.4	42.6	90.8	89.1	72.5	66.3	64.6	63.6	63.0
35		59.0	52.5	49.6	45.1	39.2	90.8	82.0	66.5	61.5	60.0	58.6	58.7
40		54.5	48.2	45.5	41.0	36.0	87.1	75.0	61.2	57.3	56.1	54.2	54.9
45		50.2	44.2	42.0	37.5	33.0	82.5	69.0	56.6	53.6	52.4	50.4	51.2
50		45.9	40.6	38.8	34.2	30.4	78.2	63.8	52.5	50.1	49.1	46.9	47.6
60		38.9	34.9	33.5	29.1	25.9	70.3	54.9	45.2	43.8	43.1	40.4	41.0
70		33.3	30.4	29.1	25.1	22.2	61.5	47.5	39.1	39.0	38.4	35.3	35.7
80		29.0	26.8	25.6	21.9	19.2	51.4	41.2	34.1	35.0	34.2	31.0	31.3
90		25.5	23.8	22.8	19.2	16.7	42.7	36.0	30.0	31.7	30.1	27.6	27.8
100		22.6	21.4	20.5	17.1	14.7	35.8	31.7	26.6	29.0	26.7	24.7	24.8
110		20.2	19.2	18.6	15.3	13.0	30.4	28.1	23.6	26.8	23.9	22.3	22.4
120		18.2	17.4	17.0	13.9	11.5	26.0	25.1	21.1	24.9	21.5	20.1	20.3
130						10.4	22.4	22.6	18.9	23.4	19.5	18.2	18.6
140							15.3	15.6	17.2	17.7	17.9	16.8	17.4
150													
170													
190													
210													
230													
248													

	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	ESTL	3x	3x	3x	3x	2x	4x	4x	4x	4x	3x	3x	3x

TS: T S-13ft

158700
lb

18.8
ft

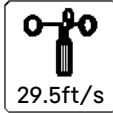
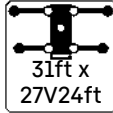
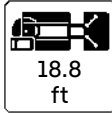
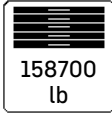
31ft x
27V24ft

360°

29.5ft/s

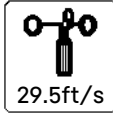
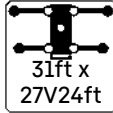
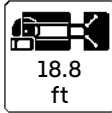
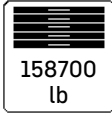
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.7	147.2	146.9
13													
14													
16													
18													
20													
25													
30		54.7	53.8	52.1	48.3	90.8	86.5	70.2	66.0	64.6	63.2	60.2	60.3
35		50.8	50.0	48.5	44.6	87.7	80.1	65.1	61.6	60.5	59.3	56.2	56.7
40		47.1	46.6	45.2	41.4	81.1	74.2	60.6	57.7	56.8	55.7	52.5	53.4
45		43.6	43.2	42.0	38.1	75.2	68.9	56.4	54.3	53.5	52.6	49.2	50.1
50		40.3	40.3	39.2	35.2	69.9	64.2	52.8	51.2	50.5	49.6	46.2	47.1
60		34.4	35.1	34.2	30.3	60.9	56.2	46.4	45.4	44.9	44.1	40.5	41.3
70		29.8	30.9	30.1	26.5	53.1	49.5	40.7	40.6	40.1	39.6	35.3	36.0
80		26.0	27.3	26.5	23.3	46.4	43.5	36.0	36.7	36.4	35.8	31.0	31.7
90		22.8	24.5	23.3	20.7	40.5	38.5	32.0	33.4	33.2	32.1	27.3	28.1
100		20.3	22.1	20.6	18.6	34.2	34.2	28.6	30.7	30.1	28.7	24.2	25.0
110		18.1	20.1	18.4	16.8	28.8	29.5	25.7	28.3	27.0	25.9	21.6	22.4
120		16.3	18.4	16.5	15.3	24.4	25.1	23.1	26.4	24.2	23.5	19.4	20.1
130		14.7	17.1	15.0	14.0	20.8	21.5	20.9	23.3	21.8	21.4	17.4	18.1
140		13.3	16.1	13.8	13.0	17.8	18.5	19.0	20.3	19.7	19.6	15.7	16.3
150						14.0	14.7	16.7	16.5	16.8	17.6	14.2	14.9
170													
190													
210													
230													
248													
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	3x	3x	3x	3x	4x	4x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



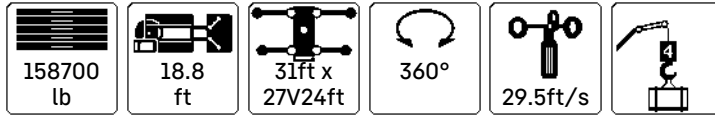
ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
13													
14													
16													
18													
20													
25													
30	53.5	53.1	50.7	47.5				63.8		62.9			
35	50.0	49.7	47.7	44.3	42.5	35.4	75.0	60.0	60.8	59.3	57.3	54.5	
40	46.9	46.4	44.9	41.4	39.9	33.5	70.4	56.7	56.7	56.0	54.3	51.4	
45	44.1	43.4	42.3	38.7	37.3	31.5	66.0	53.6	52.8	53.1	51.5	48.5	
50	41.4	40.6	39.6	36.1	34.8	29.5	61.7	50.9	49.4	50.4	49.0	45.8	
60	36.4	35.5	34.9	31.5	30.5	26.1	54.3	46.0	43.4	45.6	44.3	40.8	
70	32.1	30.9	31.0	27.6	27.0	23.1	47.9	41.5	38.2	41.1	39.3	36.3	
80	28.7	27.4	27.8	24.6	23.8	20.5	42.6	37.7	33.7	37.4	34.7	32.1	
90	25.9	24.3	24.9	22.0	21.1	18.2	37.8	34.5	29.6	34.2	30.6	28.6	
100	23.5	21.8	22.2	19.8	18.7	16.2	33.3	31.8	26.2	31.6	27.2	25.7	
110	21.4	19.6	20.0	18.0	16.7	14.4	28.1	29.5	23.3	28.8	24.3	23.1	
120	19.7	17.7	18.1	16.4	15.0	12.8	23.7	25.5	20.7	26.0	21.8	20.9	
130	18.2	16.2	16.5	15.1	13.6	11.4	20.1	21.9	18.5	22.6	19.5	19.0	
140	17.0	14.8	15.1	14.0	12.4	10.2	17.0	18.8	16.5	19.5	17.5	17.2	
150	16.1	13.6	14.0	13.1	11.4	9.4	14.5	16.2	14.8	16.9	15.7	15.7	
170													
190													
210													
230													
248													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	2x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



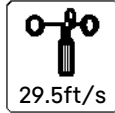
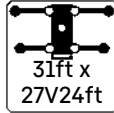
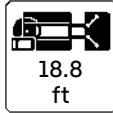
		x1000lb											
ft		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
	13												
	14												
	16												
	18												
	20												
	25												
	30	52.8		51.7			46.7						
	35	49.6	55.3	48.7	47.3	45.8	43.9	41.2	57.0	58.0	55.6	48.1	51.6
	40	46.8	52.3	46.0	44.6	43.3	41.2	38.9	54.2	54.7	53.0	45.6	49.1
	45	44.3	49.3	43.5	42.0	41.1	38.8	36.8	51.7	51.5	50.5	43.3	46.6
	50	41.9	46.6	41.2	39.6	38.9	36.6	34.7	49.3	48.4	48.3	41.1	43.8
	60	37.4	41.7	36.7	35.3	34.7	32.4	30.7	45.2	43.1	44.1	37.3	38.9
	70	33.2	37.0	32.8	31.2	31.1	28.7	27.4	41.3	38.6	39.6	33.6	34.7
	80	29.9	32.9	29.5	27.9	28.2	25.7	24.6	37.8	34.5	35.6	30.4	30.8
	90	27.0	29.4	26.7	24.9	25.5	23.1	22.0	34.8	30.9	31.9	27.7	27.3
	100	24.6	26.4	24.4	22.3	22.9	20.9	19.8	31.9	27.5	28.5	25.3	24.2
	110	22.6	23.9	22.3	19.9	20.5	19.1	17.8	28.7	24.7	25.7	23.4	21.5
	120	20.8	21.6	20.6	17.9	18.5	17.5	16.2	24.8	22.2	23.2	21.6	19.2
	130	19.3	19.7	19.1	16.1	16.7	16.1	14.7	21.2	20.0	21.0	20.1	17.2
	140	18.0	18.0	17.9	14.5	15.2	14.9	13.4	18.1	18.0	19.0	18.8	15.4
	150	16.9	16.4	16.8	13.2	13.8	13.9	12.4	15.5	15.7	16.5	16.8	13.7
	170								11.3	11.5	12.3	12.6	11.1
	190												
	210												
	230												
	248												
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	3x	2x	3x	3x	3x	3x	3x

TS: T S-13ft



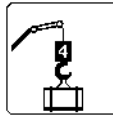
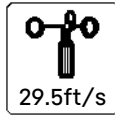
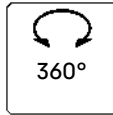
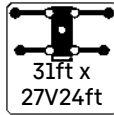
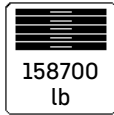
	ft	x1000lb											
		172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35	47.6	52.6	45.0	42.7	43.8	40.3	38.9					
	40	45.2	50.1	42.8	40.5	41.8	38.2	37.1	51.2	50.6	47.2	42.9	48.0
	45	42.8	47.4	40.6	38.3	39.9	36.4	35.4	48.8	48.6	44.9	41.0	45.7
	50	40.7	44.6	38.6	36.4	38.1	34.6	33.7	46.3	46.7	42.6	39.2	43.4
	60	36.9	39.6	35.0	32.7	34.4	31.1	30.3	41.8	42.8	38.2	36.0	39.0
	70	33.3	35.4	31.5	29.4	31.3	28.0	27.3	37.8	38.9	34.5	32.9	35.2
	80	30.1	31.5	28.3	26.4	28.5	25.3	24.7	34.3	35.4	31.2	30.0	31.9
	90	27.5	28.0	25.6	24.0	26.1	22.9	22.4	31.1	32.1	27.9	27.6	28.6
	100	25.1	24.8	23.3	21.8	23.9	20.6	20.3	28.1	29.1	25.1	25.5	25.8
	110	23.2	22.1	21.0	20.0	21.7	18.7	18.4	25.3	26.2	22.5	23.6	23.1
	120	21.5	19.8	19.0	18.4	19.7	17.1	16.7	22.7	23.6	20.3	22.0	20.9
	130	19.9	17.8	17.3	17.0	17.9	15.6	15.2	20.1	20.9	18.3	20.6	18.9
	140	18.7	16.0	15.8	15.8	16.4	14.3	13.8	17.1	17.9	16.5	18.9	17.1
	150	17.4	14.3	14.4	14.8	15.1	13.2	12.5	14.5	15.2	15.0	16.3	15.5
	170	13.2	11.6	12.2	13.0	12.8	11.5	10.4	10.1	10.9	11.7	11.9	12.1
	190								6.0	6.4	7.4	7.3	7.5
	210												
	230												
	248												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	3x	3x	3x	2x	3x

TS: T S-13ft



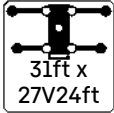
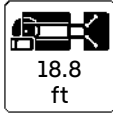
		x1000lb											
	ft	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	13												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	41.7	40.6	39.8	37.5	35.9	29.6	42.4	42.9	39.4	38.8	38.1	35.9
	45	39.8	38.9	38.2	35.8	34.4	28.4	41.5	42.2	37.9	37.4	36.8	34.4
	50	38.0	37.2	36.7	34.2	33.0	27.2	40.1	40.8	36.4	35.9	35.5	33.1
	60	34.7	34.0	33.6	31.3	30.0	24.7	36.6	37.3	33.6	33.2	33.0	30.6
	70	31.7	31.1	30.8	28.4	27.3	22.5	33.4	34.1	31.1	30.7	30.4	28.0
	80	28.8	28.2	28.3	25.7	24.9	20.5	30.6	31.3	28.5	28.1	28.2	25.7
	90	26.2	25.3	25.8	23.4	22.7	18.7	27.9	28.6	26.2	25.6	26.0	23.6
	100	23.9	22.6	23.2	21.4	20.7	16.8	25.3	25.9	24.1	23.1	23.6	21.6
	110	21.8	20.2	20.8	19.5	18.9	14.9	23.0	23.6	22.2	20.9	21.4	19.8
	120	19.9	18.1	18.7	17.8	17.4	13.3	20.8	21.4	20.3	18.8	19.4	18.2
	130	18.2	16.3	16.8	16.4	16.0	11.8	19.0	19.6	18.7	17.0	17.6	16.8
	140	16.7	14.6	15.1	15.1	14.6	10.5	17.2	17.8	17.2	15.5	16.0	15.6
	150	15.3	13.2	13.7	14.0	13.4	9.5	15.0	15.4	15.9	14.1	14.6	14.5
	170	13.0	10.6	11.2	12.1	11.3	7.9	10.6	11.0	11.7	11.6	12.1	12.7
	190	8.5	8.7	8.9	9.3	9.8	6.7	7.6	8.1	8.7	9.1	9.5	9.5
	210												
	230												
	248												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft



		x1000lb									
	ft	246.1									
	13										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	18.1									
	70	17.3									
	80	16.5									
	90	15.7									
	100	14.8									
	110	13.8									
	120	12.7									
	130	11.7									
	140	10.8									
	150	9.9									
	170	8.3									
	190	6.8									
	210	5.6									
	230	4.2									
	248	2.2									
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	EST1	1x									

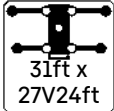
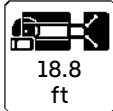
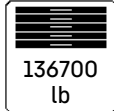
TS: T S-13ft



ft	x1000lb												
	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9	
10	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
12	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
14	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
16	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
20	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
25	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	87.8	90.8	90.8	90.8	90.8
30	84.8	90.3	90.3	90.3	90.3	90.3	90.4	90.4	78.4	90.8	90.8	90.8	90.8
35	76.7	87.3	87.3	87.3	87.3	87.3	87.4	87.4	69.6	90.7	90.7	90.7	90.7
40	69.5	81.7	81.7	81.8	81.8	81.8	82.0	82.0	62.5	88.4	88.4	88.4	88.5
45	63.7	75.0	75.0	75.1	75.1	75.1	75.2	75.2	56.8	84.5	84.5	84.5	84.7
50	60.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	52.1	79.3	79.3	79.3	79.5
60		61.1	61.1	61.2	61.2	61.2	61.3	61.3	44.6	64.6	66.2	66.9	68.7
70									49.5	51.1	51.7	53.7	
80													
90													
100													
110													
120													
130													
140													
150													
170													
190													
210													
230													
236													

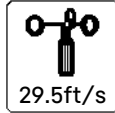
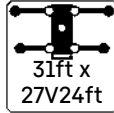
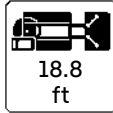
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x










TS: T S-13ft



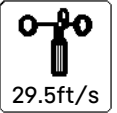
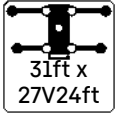
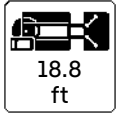
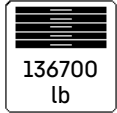
ft	x1000lb												
	67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2	
10													
12	90.8	90.8	90.8	90.8	90.8								
14	90.8	90.8	90.8	90.8	90.8	84.6	90.8	90.8	90.8	90.8	90.8	90.8	
16	90.8	90.8	90.8	90.8	90.4	79.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	86.6	74.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8
20	90.8	90.8	90.8	90.8	81.8	69.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
25	90.8	90.8	90.8	90.4	70.6	60.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8
30	90.8	90.8	90.8	86.1	61.7	52.9	90.8	90.8	90.8	90.8	90.8	90.8	89.0
35	90.7	90.7	90.7	77.5	54.8	46.9	90.8	90.8	90.8	90.8	90.8	90.8	83.0
40	88.5	88.5	88.6	70.2	48.8	42.0	90.7	90.7	90.7	90.7	90.7	90.7	76.0
45	84.7	84.8	84.8	64.4	44.0	37.9	89.0	89.0	89.1	89.1	89.1	89.2	70.0
50	79.5	79.6	79.7	59.4	39.8	34.4	84.9	85.4	86.2	86.2	86.6	86.7	65.0
60	69.5	69.6	68.8	51.7	33.3	29.0	64.1	65.4	68.1	71.2	73.2	73.2	56.9
70	55.5	56.8	58.3	45.7	28.6	25.1	48.9	50.3	52.9	56.0	58.0	58.0	50.8
80							38.2	39.6	42.2	45.2	47.2	45.8	
90													
100													
110													
120													
130													
140													
150													
170													
190													
210													
230													
236													
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	ESTL	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

TS: T S-13ft



	ft	x1000lb											
		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
12													
14													
16		90.2	89.7	90.8	90.8	90.8							
18		86.0	84.6	90.8	90.8	90.8	90.8	90.7	84.7	84.6	68.6	61.6	
20		80.9	79.6	90.8	90.8	90.8	90.8	87.8	80.4	80.4	67.2	58.8	90.8
25		69.5	68.5	90.8	90.8	90.8	90.8	77.2	71.2	71.3	59.6	52.0	90.8
30		60.6	60.0	90.8	90.8	90.8	90.8	68.2	63.2	63.3	52.6	46.2	90.8
35		53.4	53.1	90.8	90.8	90.8	87.3	60.6	56.5	56.8	47.1	41.3	90.8
40		47.6	47.6	90.8	90.8	90.8	80.3	53.9	50.9	51.2	42.3	37.2	90.8
45		42.8	42.9	90.8	90.8	90.8	74.5	48.7	46.4	46.6	38.4	33.6	90.8
50		38.8	39.0	86.7	89.4	89.6	69.6	44.3	42.5	42.8	34.9	30.5	86.6
60		32.5	32.9	66.3	69.9	72.4	61.3	37.0	36.1	36.5	29.1	25.6	68.0
70		27.9	28.3	51.1	54.7	57.2	55.0	31.6	31.3	31.7	24.6	21.8	52.9
80		24.3	24.9	40.4	43.9	46.3	48.5	27.4	27.6	28.1	21.2	18.8	42.1
90				32.5	35.9	38.4	40.5	24.2	24.5	25.2	18.5	16.5	34.2
100				26.5	29.9	32.3	34.4	21.7	22.2	23.1	16.4	14.7	28.1
110													23.3
120													
130													
140													
150													
170													
190													
210													
230													
236													
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

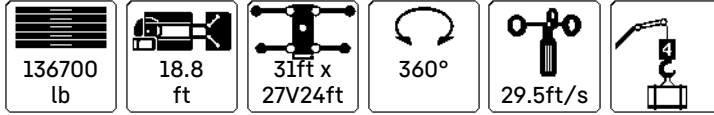
TS: T S-13ft



ft	x1000lb												
	107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5	
10													
12													
14													
16													
18													
20	90.8	90.8	90.8	86.3	71.7	80.1	65.6						
25	90.8	90.8	85.1	76.9	63.9	72.0	59.1	90.8	90.8	83.5	71.5	72.1	
30	90.8	90.8	75.8	69.1	57.5	65.3	53.4	90.8	90.8	75.6	64.8	66.0	
35	90.8	89.7	68.2	62.7	51.8	59.3	48.3	90.8	90.6	68.8	59.0	60.8	
40	90.8	83.9	61.7	56.9	46.8	54.1	44.0	90.8	86.3	63.1	54.1	56.2	
45	90.8	77.9	55.7	51.5	42.3	49.4	40.2	90.8	81.0	58.0	49.6	51.9	
50	88.6	73.1	50.8	47.3	38.7	45.6	37.1	85.6	75.9	53.3	45.3	47.9	
60	71.0	65.0	42.5	40.2	32.7	39.3	31.5	68.3	68.0	45.5	38.5	41.8	
70	55.8	58.4	36.3	34.7	28.1	34.4	27.1	54.1	57.1	39.4	33.1	36.9	
80	45.0	47.5	31.6	30.5	24.5	30.7	23.7	43.3	46.3	34.5	28.9	33.0	
90	37.0	39.5	27.7	27.1	21.5	27.6	21.0	35.3	38.2	30.5	25.4	29.8	
100	30.9	33.4	24.6	24.4	19.0	25.1	18.7	29.2	32.1	27.3	22.5	27.2	
110	26.1	28.5	22.1	22.3	16.9	23.3	17.0	24.4	27.2	24.7	19.9	25.1	
120								20.5	23.3	22.6	17.9	23.4	
130													
140													
150													
170													
190													
210													
230													
236													

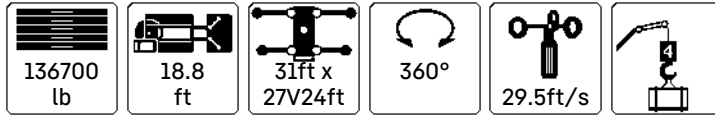
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	4x	4x	4x	4x	4x	4x	3x	4x	4x	4x	4x	4x

TS: T S-13ft



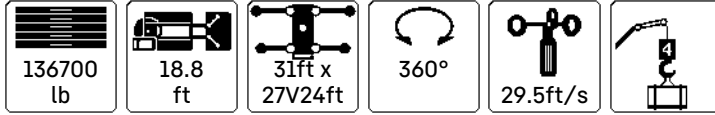
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.7	147.2	146.9
	10												
	12												
	14												
	16												
	18												
	20												
	25		58.1										
	30	54.7	53.8	52.1	48.3	90.8	86.5	70.2	66.0	64.6	63.2	60.2	60.3
	35	50.8	50.0	48.5	44.6	87.7	80.1	65.1	61.6	60.5	59.3	56.2	56.7
	40	47.1	46.6	45.2	41.4	81.1	74.2	60.6	57.7	56.8	55.7	52.5	53.4
	45	43.6	43.2	42.0	38.1	75.2	68.9	56.4	54.3	53.5	52.6	49.2	50.1
	50	40.3	40.3	39.2	35.2	69.9	64.2	52.8	51.2	50.5	49.6	46.2	47.1
	60	34.4	35.1	34.2	30.3	60.9	56.2	46.4	45.4	44.9	44.1	40.5	41.3
	70	29.8	30.9	30.1	26.5	52.3	49.5	40.7	40.6	40.1	39.6	35.3	36.0
	80	26.0	27.3	26.5	23.3	42.9	43.4	36.0	36.7	36.4	35.8	31.0	31.7
	90	22.8	24.5	23.3	20.7	34.9	35.7	32.0	33.4	33.2	32.1	27.3	28.1
	100	20.3	22.1	20.6	18.6	28.8	29.5	28.6	30.7	30.1	28.7	24.2	25.0
	110	18.1	20.1	18.4	16.8	23.9	24.6	25.7	26.5	27.0	25.9	21.6	22.4
	120	16.3	18.4	16.5	15.3	20.0	20.7	22.5	22.5	23.0	23.5	19.4	20.1
	130	14.7	17.1	15.0	14.0	16.7	17.5	19.3	19.3	19.7	20.4	17.4	18.1
	140	13.3	16.1	13.8	13.0	14.0	14.8	16.6	16.6	17.0	17.6	15.7	16.3
	150					11.8	12.5	14.3	14.3	14.7	15.3	14.2	14.9
	170												
	190												
	210												
	230												
	236												
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	3x	3x	3x	3x	4x	4x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



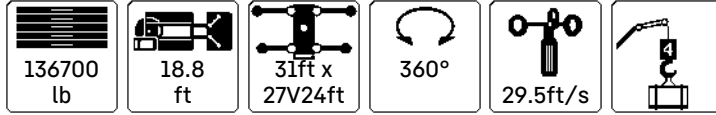
	ft	x1000lb											
		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	53.5	53.1	50.7	47.5	45.3			63.8		62.9		
	35	50.0	49.7	47.7	44.3	42.5	35.4	75.0	60.0	60.8	59.3	57.3	54.5
	40	46.9	46.4	44.9	41.4	39.9	33.5	70.4	56.7	56.7	56.0	54.3	51.4
	45	44.1	43.4	42.3	38.7	37.3	31.5	66.0	53.6	52.8	53.1	51.5	48.5
	50	41.4	40.6	39.6	36.1	34.8	29.5	61.7	50.9	49.4	50.4	49.0	45.8
	60	36.4	35.5	34.9	31.5	30.5	26.1	54.3	46.0	43.4	45.6	44.3	40.8
	70	32.1	30.9	31.0	27.6	27.0	23.1	47.9	41.5	38.2	41.1	39.3	36.3
	80	28.7	27.4	27.8	24.6	23.8	20.5	41.4	37.7	33.7	37.4	34.7	32.1
	90	25.9	24.3	24.9	22.0	21.1	18.2	34.2	34.5	29.6	34.2	30.6	28.6
	100	23.5	21.8	22.2	19.8	18.7	16.2	28.1	30.0	26.2	30.6	27.2	25.7
	110	21.4	19.6	20.0	18.0	16.7	14.4	23.2	25.1	23.3	25.8	24.3	23.1
	120	19.7	17.7	18.1	16.4	15.0	12.8	19.3	21.1	20.7	21.8	21.8	20.9
	130	18.2	16.2	16.5	15.1	13.6	11.4	16.0	17.9	18.3	18.5	19.2	19.0
	140	17.0	14.8	15.1	14.0	12.4	10.2	13.3	15.1	15.6	15.8	16.4	16.9
	150	16.1	13.6	14.0	13.1	11.4	9.4	10.9	12.7	13.2	13.4	14.0	14.5
	170												
	190												
	210												
	230												
	236												
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	2x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



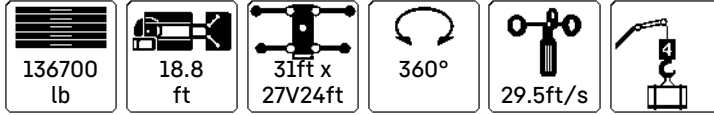
ft	x1000lb												
	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3	
10													
12													
14													
16													
18													
20													
25													
30	52.8		51.7			46.7							
35	49.6	55.3	48.7	47.3	45.8	43.9	41.2	57.0	58.0	55.6	48.1	51.6	
40	46.8	52.3	46.0	44.6	43.3	41.2	38.9	54.2	54.7	53.0	45.6	49.1	
45	44.3	49.3	43.5	42.0	41.1	38.8	36.8	51.7	51.5	50.5	43.3	46.6	
50	41.9	46.6	41.2	39.6	38.9	36.6	34.7	49.3	48.4	48.3	41.1	43.8	
60	37.4	41.7	36.7	35.3	34.7	32.4	30.7	45.2	43.1	44.1	37.3	38.9	
70	33.2	37.0	32.8	31.2	31.1	28.7	27.4	41.3	38.6	39.6	33.6	34.7	
80	29.9	32.9	29.5	27.9	28.2	25.7	24.6	37.8	34.5	35.6	30.4	30.8	
90	27.0	29.4	26.7	24.9	25.5	23.1	22.0	34.4	30.9	31.9	27.7	27.3	
100	24.6	26.4	24.4	22.3	22.9	20.9	19.8	29.3	27.5	28.5	25.3	24.2	
110	22.6	23.9	22.3	19.9	20.5	19.1	17.8	24.4	24.5	25.4	23.4	21.5	
120	20.8	21.6	20.6	17.9	18.5	17.5	16.2	20.4	20.7	21.4	21.5	19.2	
130	19.3	19.7	19.1	16.1	16.7	16.1	14.7	17.1	17.4	18.1	18.5	17.2	
140	17.2	17.4	17.5	14.5	15.2	14.9	13.4	14.3	14.5	15.3	15.6	15.4	
150	14.8	15.0	15.0	13.2	13.8	13.9	12.4	11.9	12.1	12.9	13.2	13.4	
170								8.4	8.6	9.2	9.5	9.6	
190													
210													
230													
236													
%	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
%	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
%	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
%	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
%	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
%	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
%	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
n	EST1	3x	3x	3x	3x	2x	3x	2x	3x	3x	3x	3x	3x










TS: T S-13ft



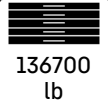
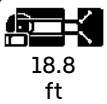
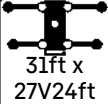



		x1000lb												
ft	ft	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9	
		10												
12														
14														
16														
18														
20														
25														
30														
35		47.6	52.6	45.0	42.7	43.8	40.3	38.9						
40		45.2	50.1	42.8	40.5	41.8	38.2	37.1	51.2	50.6	47.2	42.9	48.0	
45		42.8	47.4	40.6	38.3	39.9	36.4	35.4	48.8	48.6	44.9	41.0	45.7	
50		40.7	44.6	38.6	36.4	38.1	34.6	33.7	46.3	46.7	42.6	39.2	43.4	
60		36.9	39.6	35.0	32.7	34.4	31.1	30.3	41.8	42.8	38.2	36.0	39.0	
70		33.3	35.4	31.5	29.4	31.3	28.0	27.3	37.8	38.9	34.5	32.9	35.2	
80		30.1	31.5	28.3	26.4	28.5	25.3	24.7	34.3	35.4	31.2	30.0	31.9	
90		27.5	28.0	25.6	24.0	26.1	22.9	22.4	31.1	32.1	27.9	27.6	28.6	
100		25.1	24.8	23.3	21.8	23.9	20.6	20.3	27.6	28.4	25.1	25.5	25.8	
110		23.2	22.1	21.0	20.0	21.7	18.7	18.4	23.3	24.1	22.5	23.6	23.1	
120		21.5	19.8	19.0	18.4	19.7	17.1	16.7	19.4	20.2	20.3	21.3	20.9	
130		19.1	17.8	17.3	17.0	17.9	15.6	15.2	16.0	16.8	17.6	17.9	18.0	
140		16.2	16.0	15.8	15.8	16.4	14.3	13.8	13.2	13.9	14.7	15.0	15.2	
150		13.8	13.8	14.4	14.7	15.1	13.2	12.5	10.8	11.5	12.3	12.6	12.7	
170		10.0	10.0	11.1	11.1	11.6	11.5	10.4	7.3	8.1	8.8	8.9	9.1	
190									4.6	5.3	6.1	6.2	6.5	
210														
230														
236														
	%	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	%	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	%	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	%	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	%	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	%	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	%	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	n	EST1	3x	3x	2x	2x	2x	2x	2x	3x	3x	3x	2x	3x










TS: T S-13ft



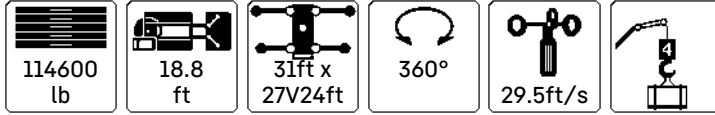
	ft	x1000lb											
		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	41.7	40.6	39.8	37.5	35.9	29.6	42.4	42.9	39.4	38.8	38.1	35.9
	45	39.8	38.9	38.2	35.8	34.4	28.4	41.5	42.2	37.9	37.4	36.8	34.4
	50	38.0	37.2	36.7	34.2	33.0	27.2	40.1	40.8	36.4	35.9	35.5	33.1
	60	34.7	34.0	33.6	31.3	30.0	24.7	36.6	37.3	33.6	33.2	33.0	30.6
	70	31.7	31.1	30.8	28.4	27.3	22.5	33.4	34.1	31.1	30.7	30.4	28.0
	80	28.8	28.2	28.3	25.7	24.9	20.5	30.6	31.3	28.5	28.1	28.2	25.7
	90	26.2	25.3	25.8	23.4	22.7	18.7	27.9	28.6	26.2	25.6	26.0	23.6
	100	23.9	22.6	23.2	21.4	20.7	16.8	25.3	25.9	24.1	23.1	23.6	21.6
	110	21.8	20.2	20.8	19.5	18.9	14.9	23.0	23.6	22.2	20.9	21.4	19.8
	120	19.9	18.1	18.7	17.8	17.4	13.3	19.9	20.3	20.3	18.8	19.4	18.2
	130	18.2	16.3	16.8	16.4	16.0	11.8	16.6	17.0	17.7	17.0	17.6	16.8
	140	16.2	14.6	15.1	15.1	14.6	10.5	13.7	14.1	14.9	15.3	15.7	15.6
	150	13.7	13.2	13.7	14.0	13.4	9.5	11.3	11.7	12.4	12.9	13.4	13.4
	170	9.9	10.0	10.5	10.8	11.3	7.9	7.9	8.2	8.8	9.2	9.6	9.6
	190	7.4	7.6	8.0	8.4	8.9	6.7	5.0	5.4	6.1	6.7	7.1	7.1
	210												
	230												
	236												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft

 136700 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s	
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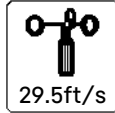
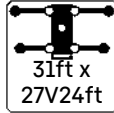
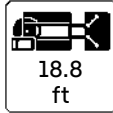
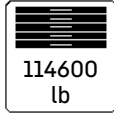
		x1000lb									
	ft	246.1									
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	18.1									
	70	17.3									
	80	16.5									
	90	15.7									
	100	14.8									
	110	13.8									
	120	12.7									
	130	11.7									
	140	10.8									
	150	9.9									
	170	8.3									
	190	6.3									
	210	4.0									
	230										
	236										
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	ESTI	1x									










TS: T S-13ft



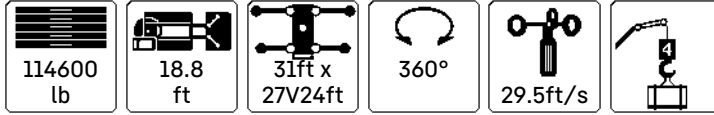
	ft	x1000lb											
		67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2
10													
12		90.8	90.8	90.8	90.8	90.8							
14		90.8	90.8	90.8	90.8	90.8	84.6	90.8	90.8	90.8	90.8	90.8	
16		90.8	90.8	90.8	90.8	90.4	79.0	90.8	90.8	90.8	90.8	90.8	90.8
18		90.8	90.8	90.8	90.8	86.6	74.1	90.8	90.8	90.8	90.8	90.8	90.8
20		90.8	90.8	90.8	90.8	81.8	69.5	90.8	90.8	90.8	90.8	90.8	90.8
25		90.8	90.8	90.8	90.4	70.6	60.2	90.8	90.8	90.8	90.8	90.8	90.8
30		90.8	90.8	90.8	86.1	61.7	52.9	90.8	90.8	90.8	90.8	90.8	89.0
35		90.7	90.7	90.7	77.5	54.8	46.9	90.8	90.8	90.8	90.8	90.8	83.0
40		88.5	88.5	88.6	70.2	48.8	42.0	90.7	90.7	90.7	90.7	90.7	76.0
45		84.7	84.8	84.8	64.4	44.0	37.9	86.9	87.8	89.1	89.1	89.2	70.0
50		79.5	79.6	79.7	59.4	39.8	34.4	75.3	76.8	79.6	82.8	84.9	65.0
60		61.2	62.5	64.0	51.7	33.3	29.0	54.4	55.8	58.6	61.7	63.8	56.9
70		47.5	48.8	50.3	45.7	28.6	25.1	40.9	42.3	44.9	48.0	50.1	50.8
80								31.4	32.8	35.4	38.4	40.4	42.1
90													
100													
110													
120													
130													
140													
150													
170													
190													
210													
224													
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x










TS: T S-13ft



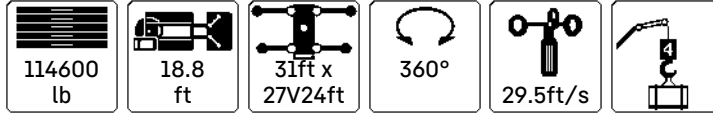
	ft	x1000lb											
		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
	10												
	12												
	14												
	16	90.2	89.7	90.8	90.8	90.8							
	18	86.0	84.6	90.8	90.8	90.8	90.8	90.7	84.7	84.6	68.6	61.6	
	20	80.9	79.6	90.8	90.8	90.8	90.8	87.8	80.4	80.4	67.2	58.8	90.8
	25	69.5	68.5	90.8	90.8	90.8	90.8	77.2	71.2	71.3	59.6	52.0	90.8
	30	60.6	60.0	90.8	90.8	90.8	90.8	68.2	63.2	63.3	52.6	46.2	90.8
	35	53.4	53.1	90.8	90.8	90.8	87.3	60.6	56.5	56.8	47.1	41.3	90.8
	40	47.6	47.6	90.8	90.8	90.8	80.3	53.9	50.9	51.2	42.3	37.2	90.8
	45	42.8	42.9	87.0	89.3	90.6	74.5	48.7	46.4	46.6	38.4	33.6	87.1
	50	38.8	39.0	75.8	79.9	82.8	69.6	44.3	42.5	42.8	34.9	30.5	75.6
	60	32.5	32.9	56.8	60.4	63.0	61.3	37.0	36.1	36.5	29.1	25.6	58.4
	70	27.9	28.3	43.1	46.7	49.2	51.4	31.6	31.3	31.7	24.6	21.8	44.9
	80	24.3	24.9	33.6	37.1	39.5	41.7	27.4	27.6	28.1	21.2	18.8	35.3
	90			26.6	30.0	32.4	34.5	24.2	24.5	25.2	18.5	16.5	28.3
	100			21.3	24.6	27.0	29.1	21.7	22.2	23.1	16.4	14.7	22.8
	110												18.6
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	224												
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

TS: T S-13ft



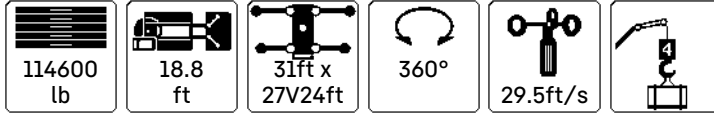
	ft	x1000lb											
		107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5
10													
12													
14													
16													
18													
20		90.8	90.8	90.8	86.3	71.7	80.1	65.6					
25		90.8	90.8	85.1	76.9	63.9	72.0	59.1	90.8	90.8	83.5	71.5	72.1
30		90.8	90.8	75.8	69.1	57.5	65.3	53.4	90.8	90.8	75.6	64.8	66.0
35		90.8	89.7	68.2	62.7	51.8	59.3	48.3	90.8	90.6	68.8	59.0	60.8
40		90.8	83.9	61.7	56.9	46.8	54.1	44.0	90.8	86.3	63.1	54.1	56.2
45		90.6	77.9	55.7	51.5	42.3	49.4	40.2	86.0	81.0	58.0	49.6	51.9
50		79.1	73.1	50.8	47.3	38.7	45.6	37.1	74.8	75.9	53.3	45.3	47.9
60		61.6	64.3	42.5	40.2	32.7	39.3	31.5	58.4	61.9	45.5	38.5	41.8
70		47.8	50.4	36.3	34.7	28.1	34.4	27.1	46.1	49.1	39.4	33.1	36.9
80		38.2	40.7	31.6	30.5	24.5	30.7	23.7	36.5	39.5	34.5	28.9	33.0
90		31.1	33.6	27.7	27.1	21.5	27.6	21.0	29.4	32.3	30.5	25.4	29.8
100		25.7	28.1	24.6	24.4	19.0	25.1	18.7	24.0	26.8	27.3	22.5	27.2
110		21.4	23.8	22.1	22.3	16.9	23.3	17.0	19.7	22.5	23.5	19.9	24.7
120									16.2	19.0	20.1	17.9	21.2
130													
140													
150													
170													
190													
210													
224													
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	4x	4x	4x	4x	4x	4x	3x	4x	4x	4x	4x	4x

TS: T S-13ft



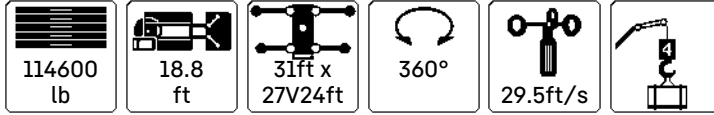
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.7	147.2	146.9
	10												
	12												
	14												
	16												
	18												
	20												
	25		58.1										
	30	54.7	53.8	52.1	48.3	90.8	86.5	70.2	66.0	64.6	63.2	60.2	60.3
	35	50.8	50.0	48.5	44.6	87.7	80.1	65.1	61.6	60.5	59.3	56.2	56.7
	40	47.1	46.6	45.2	41.4	81.1	74.2	60.6	57.7	56.8	55.7	52.5	53.4
	45	43.6	43.2	42.0	38.1	75.2	68.9	56.4	54.3	53.5	52.6	49.2	50.1
	50	40.3	40.3	39.2	35.2	69.6	64.2	52.8	51.2	50.5	49.6	46.2	47.1
	60	34.4	35.1	34.2	30.3	55.1	56.0	46.4	45.4	44.9	44.1	40.5	41.3
	70	29.8	30.9	30.1	26.5	44.2	45.1	40.7	40.6	40.1	39.6	35.3	36.0
	80	26.0	27.3	26.5	23.3	36.0	36.9	36.0	36.7	36.4	35.8	31.0	31.7
	90	22.8	24.5	23.3	20.7	29.0	29.8	31.6	31.6	32.1	32.1	27.3	28.1
	100	20.3	22.1	20.6	18.6	23.5	24.3	26.1	26.1	26.6	27.3	24.2	25.0
	110	18.1	20.1	18.4	16.8	19.2	19.9	21.8	21.8	22.2	22.9	21.6	22.4
	120	16.3	18.4	16.5	15.3	15.7	16.4	18.3	18.3	18.7	19.4	19.3	20.0
	130	14.7	17.1	15.0	14.0	12.8	13.5	15.3	15.3	15.7	16.4	16.4	17.0
	140	13.3	16.1	13.8	13.0	10.3	11.0	12.8	12.8	13.2	13.8	13.9	14.5
	150					8.5	9.2	10.8	10.8	11.1	11.8	11.8	12.4
	170												
	190												
	210												
	224												
	1%	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2%	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3%	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4%	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5%	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6%	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7%	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	n	EST1	3x	3x	3x	4x	4x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



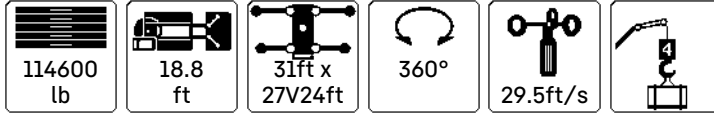
		x1000lb											
ft		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
10													
12													
14													
16													
18													
20													
25													
30		53.5	53.1	50.7	47.5	45.3			63.8		62.9		
35		50.0	49.7	47.7	44.3	42.5	35.4	75.0	60.0	60.8	59.3	57.3	54.5
40		46.9	46.4	44.9	41.4	39.9	33.5	70.4	56.7	56.7	56.0	54.3	51.4
45		44.1	43.4	42.3	38.7	37.3	31.5	66.0	53.6	52.8	53.1	51.5	48.5
50		41.4	40.6	39.6	36.1	34.8	29.5	61.7	50.9	49.4	50.4	49.0	45.8
60		36.4	35.5	34.9	31.5	30.5	26.1	53.1	46.0	43.4	45.6	44.3	40.8
70		32.1	30.9	31.0	27.6	27.0	23.1	42.4	41.5	38.2	41.1	39.3	36.3
80		28.7	27.4	27.8	24.6	23.8	20.5	34.5	36.7	33.7	37.2	34.7	32.1
90		25.9	24.3	24.9	22.0	21.1	18.2	28.3	30.2	29.6	30.9	30.6	28.6
100		23.5	21.8	22.2	19.8	18.7	16.2	22.8	24.7	25.3	25.4	26.1	25.7
110		21.4	19.6	20.0	18.0	16.7	14.4	18.5	20.4	20.9	21.1	21.8	22.3
120		19.7	17.7	18.1	16.4	15.0	12.8	14.9	16.8	17.3	17.5	18.2	18.6
130		17.5	16.2	16.5	15.1	13.6	11.4	11.9	13.8	14.3	14.4	15.1	15.6
140		14.9	14.8	15.1	14.0	12.4	10.2	9.6	11.2	11.7	11.9	12.6	13.0
150		12.9	13.1	13.7	13.1	11.4	9.4	7.7	9.3	9.7	9.8	10.4	10.9
170													
190													
210													
224													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	2x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



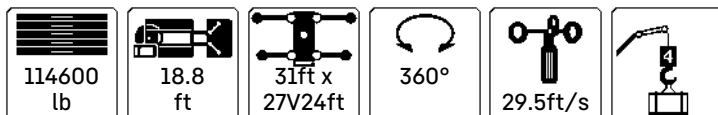
	ft	x1000lb											
		172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	47.6	52.6	45.0	42.7	43.8	40.3	38.9					
	40	45.2	50.1	42.8	40.5	41.8	38.2	37.1	51.2	50.6	47.2	42.9	48.0
	45	42.8	47.4	40.6	38.3	39.9	36.4	35.4	48.8	48.6	44.9	41.0	45.7
	50	40.7	44.6	38.6	36.4	38.1	34.6	33.7	46.3	46.7	42.6	39.2	43.4
	60	36.9	39.6	35.0	32.7	34.4	31.1	30.3	41.8	42.8	38.2	36.0	39.0
	70	33.3	35.4	31.5	29.4	31.3	28.0	27.3	37.8	38.9	34.5	32.9	35.2
	80	30.1	31.5	28.3	26.4	28.5	25.3	24.7	32.8	33.7	31.2	30.0	31.9
	90	27.5	28.0	25.6	24.0	26.1	22.9	22.4	27.0	27.9	27.9	27.6	28.6
	100	25.1	24.8	23.3	21.8	23.9	20.6	20.3	22.3	23.2	23.9	24.4	24.5
	110	21.6	21.7	21.0	20.0	21.7	18.7	18.4	18.5	19.2	20.0	20.4	20.5
	120	17.9	18.0	19.0	18.4	19.6	17.1	16.7	14.9	15.6	16.4	16.8	16.9
	130	14.9	15.0	16.2	16.2	16.7	15.6	15.2	11.9	12.6	13.4	13.7	13.9
	140	12.4	12.4	13.6	13.6	14.1	14.3	13.8	9.5	10.1	10.9	11.2	11.3
	150	10.2	10.3	11.4	11.4	11.9	12.6	12.5	7.7	8.3	9.0	9.2	9.3
	170	7.4	7.4	8.4	8.4	8.8	9.3	9.4	4.4	5.1	6.0	6.2	6.4
	190									2.7	3.5	3.6	4.0
	210												
	224												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	3x	3x	3x	2x	3x










TS: T S-13ft



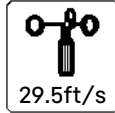
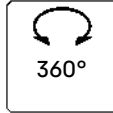
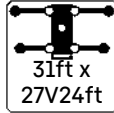
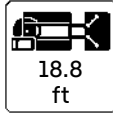
	ft	x1000lb											
		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	41.7	40.6	39.8	37.5	35.9	29.6	42.4	42.9	39.4	38.8	38.1	35.9
	45	39.8	38.9	38.2	35.8	34.4	28.4	41.5	42.2	37.9	37.4	36.8	34.4
	50	38.0	37.2	36.7	34.2	33.0	27.2	40.1	40.8	36.4	35.9	35.5	33.1
	60	34.7	34.0	33.6	31.3	30.0	24.7	36.6	37.3	33.6	33.2	33.0	30.6
	70	31.7	31.1	30.8	28.4	27.3	22.5	33.4	34.1	31.1	30.7	30.4	28.0
	80	28.8	28.2	28.3	25.7	24.9	20.5	30.6	31.2	28.5	28.1	28.2	25.7
	90	26.2	25.3	25.8	23.4	22.7	18.7	26.9	27.4	26.2	25.6	26.0	23.6
	100	23.9	22.6	23.2	21.4	20.7	16.8	22.4	22.9	23.6	23.1	23.6	21.6
	110	21.5	20.2	20.8	19.5	18.9	14.9	18.7	19.2	19.9	20.4	20.9	19.8
	120	17.9	18.0	18.5	17.8	17.4	13.3	15.4	15.9	16.6	17.1	17.6	17.6
	130	14.9	15.1	15.6	16.0	16.0	11.8	12.4	12.8	13.5	14.1	14.5	14.6
	140	12.3	12.5	13.0	13.4	14.1	10.5	9.9	10.3	11.0	11.5	12.0	12.0
	150	10.2	10.4	10.8	11.2	11.9	9.5	8.2	8.5	9.1	9.5	9.9	9.9
	170	7.3	7.5	7.9	8.2	8.8	7.9	5.0	5.4	6.1	6.6	7.0	7.1
	190	4.8	5.0	5.5	5.8	6.6	6.7	2.4	2.8	3.5	4.1	4.5	4.5
	210												
	224												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft



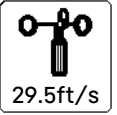
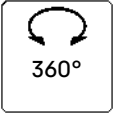
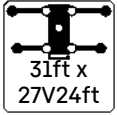
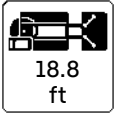
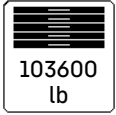
	ft	x1000lb											
		199.6	199.6	212.6	212.3	212.6	212.6	217.2	225.6	228.5	230.2	237.4	243.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	34.8	34.1										
	45	33.6	32.9	34.8	34.6	32.1	31.7	25.1					
	50	32.3	31.7	34.1	33.6	31.0	30.6	24.3					
	60	29.9	29.3	31.9	31.6	28.9	28.6	22.8	28.7	27.5	20.8	20.3	19.1
	70	27.4	26.8	29.7	29.4	26.8	26.4	21.1	25.6	24.6	18.8	18.5	17.6
	80	25.1	24.7	27.4	27.5	24.8	24.5	19.6	23.9	22.9	17.7	17.4	16.8
	90	23.0	22.6	25.2	25.5	22.8	22.6	18.1	22.2	21.4	16.6	16.5	15.9
	100	21.1	20.8	22.3	22.8	21.1	20.9	16.5	20.6	20.0	15.6	15.5	14.9
	110	19.5	18.9	18.7	19.2	19.5	19.2	14.9	18.7	18.4	14.4	14.6	13.9
	120	17.8	17.1	15.7	16.1	17.0	17.5	13.4	15.9	15.9	13.2	13.6	12.8
	130	15.4	15.5	12.9	13.3	14.1	14.6	12.0	13.4	13.4	12.0	12.8	11.8
	140	12.9	13.1	10.4	10.8	11.6	12.1	10.7	10.9	11.0	10.9	11.4	10.8
	150	10.7	10.9	8.5	8.9	9.6	9.9	9.7	9.0	9.1	10.0	9.4	9.2
	170	7.8	7.9	5.5	5.9	6.7	7.1	7.8	6.2	6.3	7.3	6.6	6.4
	190	5.4	5.6	3.0	3.3	4.2	4.7	5.5	3.6	3.7	4.9	4.1	3.9
	210						2.7	3.5			2.8		
	224							2.4					
	1	45+	0+	90+	90+	90+	45+	0+	90+	90+	45+	90+	90+
	2	45+	90+	90+	90+	45+	90+	100+	90+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	5	90+	90+	90+	45+	90+	90+	100+	90+	90+	100+	100+	100+
	6	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	7	90+	90+	45+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x


TS: T S-13ft











		x1000lb									
	ft	246.1									
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	18.1									
	70	17.3									
	80	16.5									
	90	15.7									
	100	14.8									
	110	13.8									
	120	12.7									
	130	11.7									
	140	10.6									
	150	9.1									
	170	6.2									
	190	3.7									
	210										
	224										
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	ESTI	1x									

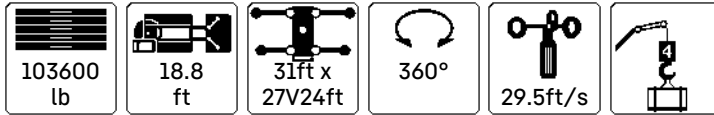
TS: T S-13ft



	ft	x1000lb											
		41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	12	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	14	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	16	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	18	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	20	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	25	89.7	90.8	90.8	90.8	90.8	90.8	90.8	87.8	90.8	90.8	90.8	90.8
	30	84.8	90.3	90.3	90.3	90.3	90.4	90.4	78.4	90.8	90.8	90.8	90.8
	35	76.7	87.3	87.3	87.3	87.3	87.4	87.4	69.6	90.7	90.7	90.7	90.7
	40	69.5	81.7	81.7	81.8	81.8	82.0	82.0	62.5	88.4	88.4	88.4	88.5
	45	63.7	75.0	75.0	75.1	75.1	75.2	75.2	56.8	83.2	83.7	83.9	84.6
	50	60.3	69.4	69.4	69.5	69.5	69.6	69.6	52.1	69.3	71.1	71.8	73.9
	60		52.6	54.0	55.2	56.4	57.3	58.2	44.6	49.8	51.5	52.2	54.2
	70									37.2	38.8	39.5	41.4
	80												
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	170												
	190												
	210												
	214												

	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

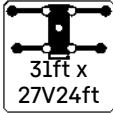
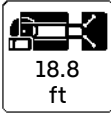
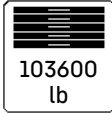
TS: T S-13ft



ft	x1000lb												
	67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2	
10													
12	90.8	90.8	90.8	90.8	90.8								
14	90.8	90.8	90.8	90.8	90.8	84.6	90.8	90.8	90.8	90.8	90.8	90.8	
16	90.8	90.8	90.8	90.8	90.8	90.4	79.0	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	90.8	86.6	74.1	90.8	90.8	90.8	90.8	90.8	90.8
20	90.8	90.8	90.8	90.8	90.8	81.8	69.5	90.8	90.8	90.8	90.8	90.8	90.8
25	90.8	90.8	90.8	90.4	70.6	60.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8
30	90.8	90.8	90.8	86.1	61.7	52.9	90.8	90.8	90.8	90.8	90.8	90.8	89.0
35	90.7	90.7	90.7	77.5	54.8	46.9	90.8	90.8	90.8	90.8	90.8	90.8	83.0
40	88.5	88.5	88.6	70.2	48.8	42.0	90.7	90.7	90.7	90.7	90.7	90.7	76.0
45	84.7	84.8	84.8	64.4	44.0	37.9	80.7	82.3	85.5	87.6	88.6	88.6	70.0
50	75.8	77.2	78.7	59.4	39.8	34.4	68.6	70.2	73.1	76.4	78.6	78.6	65.0
60	56.1	57.4	58.9	51.7	33.3	29.0	49.3	50.7	53.4	56.6	58.7	58.7	56.9
70	43.3	44.6	46.0	45.7	28.6	25.1	36.7	38.0	40.7	43.8	45.8	45.8	47.5
80							27.8	29.2	31.8	34.8	36.8	36.8	38.5
90													
100													
110													
120													
130													
140													
150													
170													
190													
210													
214													

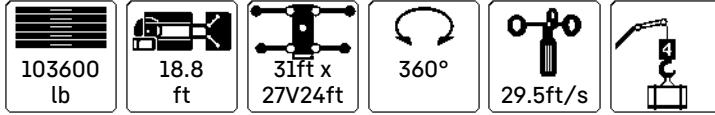
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

TS: T S-13ft



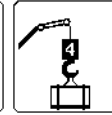
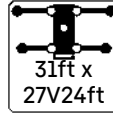
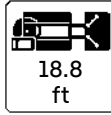
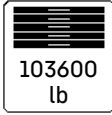
ft	x1000lb												
	107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5	
10													
12													
14													
16													
18													
20	90.8	90.8	90.8	86.3	71.7	80.1	65.6						
25	90.8	90.8	85.1	76.9	63.9	72.0	59.1	90.8	90.8	83.5	71.5	72.1	
30	90.8	90.8	75.8	69.1	57.5	65.3	53.4	90.8	90.8	75.6	64.8	66.0	
35	90.8	89.7	68.2	62.7	51.8	59.3	48.3	90.8	90.6	68.8	59.0	60.8	
40	90.8	83.9	61.7	56.9	46.8	54.1	44.0	89.8	86.3	63.1	54.1	56.2	
45	83.4	77.9	55.7	51.5	42.3	49.4	40.2	78.9	81.0	58.0	49.6	51.9	
50	72.6	73.1	50.8	47.3	38.7	45.6	37.1	68.4	72.0	53.3	45.3	47.9	
60	56.5	59.1	42.5	40.2	32.7	39.3	31.5	53.2	56.6	45.5	38.5	41.8	
70	43.6	46.2	36.3	34.7	28.1	34.4	27.1	41.8	44.8	39.4	33.1	36.9	
80	34.6	37.1	31.6	30.5	24.5	30.7	23.7	32.9	35.8	34.5	28.9	33.0	
90	28.0	30.5	27.7	27.1	21.5	27.6	21.0	26.3	29.1	30.2	25.4	29.8	
100	22.9	25.3	24.6	24.4	19.0	25.1	18.7	21.2	24.0	25.1	22.5	26.2	
110	18.9	21.3	21.6	22.3	16.9	23.2	17.0	17.2	20.0	21.0	19.9	22.2	
120								14.0	16.8	17.8	17.9	18.9	
130													
140													
150													
170													
190													
210													
214													
%	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
%	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
%	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
%	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
%	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
%	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
%	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	4x	4x	4x	4x	4x	4x	3x	4x	4x	4x	4x	4x

TS: T S-13ft



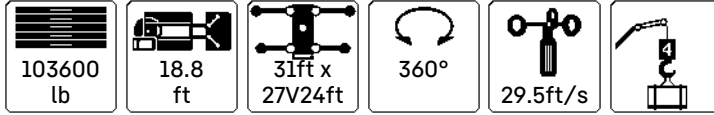
	ft	x1000lb											
		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
	10												
	12												
	14												
	16												
	18												
	20												
	25	69.6	62.8	58.8	54.3	45.6	90.8	90.8	78.6	71.8	68.4	68.2	67.7
	30	63.9	57.2	53.9	49.4	42.6	90.8	89.1	72.5	66.3	64.6	63.6	63.0
	35	59.0	52.5	49.6	45.1	39.2	90.8	82.0	66.5	61.5	60.0	58.6	58.7
	40	54.5	48.2	45.5	41.0	36.0	87.1	75.0	61.2	57.3	56.1	54.2	54.9
	45	50.2	44.2	42.0	37.5	33.0	78.1	69.0	56.6	53.6	52.4	50.4	51.2
	50	45.9	40.6	38.8	34.2	30.4	68.1	63.8	52.5	50.1	49.1	46.9	47.6
	60	38.9	34.9	33.5	29.1	25.9	53.2	53.6	45.2	43.8	43.1	40.4	41.0
	70	33.3	30.4	29.1	25.1	22.2	42.7	43.1	39.1	39.0	38.4	35.3	35.7
	80	29.0	26.8	25.6	21.9	19.2	34.2	34.5	34.1	35.0	34.2	31.0	31.3
	90	25.5	23.8	22.8	19.2	16.7	27.5	27.8	29.3	30.1	30.0	27.6	27.8
	100	22.6	21.4	20.5	17.1	14.7	22.4	22.7	24.1	24.9	25.4	24.7	24.8
	110	20.2	19.2	18.6	15.3	13.0	18.3	18.6	20.1	20.9	21.3	21.4	22.0
	120	18.2	17.4	17.0	13.9	11.5	15.1	15.4	16.8	17.6	17.9	18.0	18.6
	130					10.4	12.3	12.6	14.0	14.8	15.1	15.2	15.8
	140						10.1	10.4	11.8	12.6	12.9	13.0	13.6
	150												
	170												
	190												
	210												
	214												
	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	4x	3x	3x	3x	2x	4x	4x	4x	4x	3x	3x	3x

TS: T S-13ft



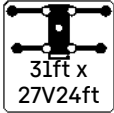
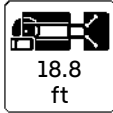
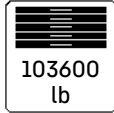
		x1000lb											
	ft	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	53.5	53.1	50.7	47.5	45.3			63.8		62.9		
	35	50.0	49.7	47.7	44.3	42.5	35.4	75.0	60.0	60.8	59.3	57.3	54.5
	40	46.9	46.4	44.9	41.4	39.9	33.5	70.4	56.7	56.7	56.0	54.3	51.4
	45	44.1	43.4	42.3	38.7	37.3	31.5	66.0	53.6	52.8	53.1	51.5	48.5
	50	41.4	40.6	39.6	36.1	34.8	29.5	61.5	50.9	49.4	50.4	49.0	45.8
	60	36.4	35.5	34.9	31.5	30.5	26.1	48.1	46.0	43.4	45.6	44.3	40.8
	70	32.1	30.9	31.0	27.6	27.0	23.1	38.1	40.4	38.2	41.1	39.3	36.3
	80	28.7	27.4	27.8	24.6	23.8	20.5	30.7	33.0	33.4	33.8	34.4	32.1
	90	25.9	24.3	24.9	22.0	21.1	18.2	25.0	27.1	27.6	27.8	28.5	28.6
	100	23.5	21.8	22.2	19.8	18.7	16.2	20.0	22.0	22.5	22.7	23.4	23.9
	110	21.4	19.6	20.0	18.0	16.7	14.4	15.9	17.8	18.3	18.5	19.2	19.6
	120	18.1	17.7	18.1	16.4	15.0	12.8	12.5	14.4	14.9	15.1	15.7	16.2
	130	15.2	15.5	16.1	15.1	13.6	11.4	9.8	11.5	12.0	12.2	12.9	13.4
	140	12.9	13.2	13.7	14.0	12.4	10.2	7.8	9.4	9.8	9.9	10.5	11.0
	150	11.0	11.2	11.8	12.1	11.4	9.4	5.9	7.7	8.2	8.3	8.8	9.2
	170												
	190												
	210												
	214												
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	2x	4x	3x	3x	3x	3x	3x










TS: T S-13ft



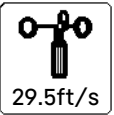
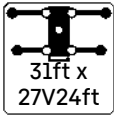
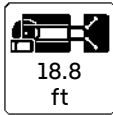
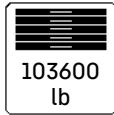
		x1000lb											
	ft	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30	52.8		51.7			46.7						
	35	49.6	55.3	48.7	47.3	45.8	43.9	41.2	57.0	58.0	55.6	48.1	51.6
	40	46.8	52.3	46.0	44.6	43.3	41.2	38.9	54.2	54.7	53.0	45.6	49.1
	45	44.3	49.3	43.5	42.0	41.1	38.8	36.8	51.7	51.5	50.5	43.3	46.6
	50	41.9	46.6	41.2	39.6	38.9	36.6	34.7	49.3	48.4	48.3	41.1	43.8
	60	37.4	41.7	36.7	35.3	34.7	32.4	30.7	45.2	43.1	44.1	37.3	38.9
	70	33.2	37.0	32.8	31.2	31.1	28.7	27.4	38.8	38.4	39.5	33.6	34.7
	80	29.9	32.9	29.5	27.9	28.2	25.7	24.6	31.5	31.6	32.5	30.4	30.8
	90	27.0	29.3	26.7	24.9	25.5	23.1	22.0	25.8	25.9	26.8	27.1	27.0
	100	24.0	24.4	24.2	22.3	22.9	20.9	19.8	21.2	21.3	22.2	22.6	22.7
	110	19.9	20.2	20.2	19.9	20.5	19.1	17.8	17.0	17.2	18.0	18.3	18.5
	120	16.5	16.7	16.8	17.4	17.9	17.5	16.2	13.6	13.8	14.6	14.9	15.1
	130	13.6	13.9	13.9	14.6	15.1	15.2	14.7	10.7	10.9	11.8	12.1	12.2
	140	11.3	11.5	11.5	12.2	12.7	12.8	13.4	8.7	8.9	9.5	9.8	9.9
	150	9.4	9.6	9.7	10.2	10.7	10.8	11.8	7.0	7.2	7.9	8.2	8.3
	170								3.9	4.1	4.9	5.2	5.4
	190												
	210												
	214												
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	3x	2x	3x	3x	3x	3x	3x










TS: T S-13ft



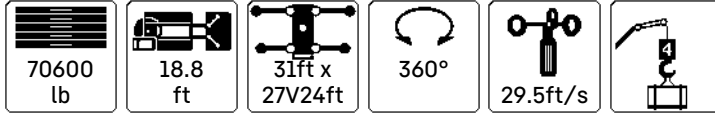
		x1000lb											
	ft	199.6	199.6	212.6	212.3	212.6	212.6	217.2	225.6	228.5	230.2	237.4	243.2
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	34.8	34.1										
	45	33.6	32.9	34.8	34.6	32.1	31.7	25.1					
	50	32.3	31.7	34.1	33.6	31.0	30.6	24.3					
	60	29.9	29.3	31.9	31.6	28.9	28.6	22.8	28.7	27.5	20.8	20.3	19.1
	70	27.4	26.8	29.7	29.4	26.8	26.4	21.1	25.6	24.6	18.8	18.5	17.6
	80	25.1	24.7	27.4	27.5	24.8	24.5	19.6	23.9	22.9	17.7	17.4	16.8
	90	23.0	22.6	23.7	24.1	22.8	22.6	18.1	22.1	21.4	16.6	16.5	15.9
	100	21.1	20.8	19.6	20.1	20.8	20.8	16.5	19.7	19.6	15.6	15.5	14.9
	110	19.1	18.9	16.3	16.7	17.6	18.1	14.9	16.4	16.5	14.4	14.6	13.9
	120	16.1	16.3	13.4	13.8	14.7	15.2	13.4	13.7	13.7	13.2	13.5	12.8
	130	13.2	13.4	10.7	11.1	11.9	12.4	12.0	11.2	11.3	12.0	11.7	11.3
	140	10.8	11.0	8.7	9.0	9.6	10.1	10.7	9.1	9.2	10.3	9.5	9.4
	150	9.0	9.2	7.0	7.3	8.0	8.4	9.1	7.5	7.6	8.6	7.9	7.7
	170	6.4	6.6	4.0	4.4	5.2	5.7	6.4	4.7	4.8	6.0	5.2	4.9
	190	4.0	4.2			2.8	3.3	4.1		2.3	3.6	2.7	2.6
	210							2.3					
	214												
	1	45+	0+	90+	90+	90+	45+	0+	90+	90+	45+	90+	90+
	2	45+	90+	90+	90+	45+	90+	100+	90+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	5	90+	90+	90+	45+	90+	90+	100+	90+	90+	100+	100+	100+
	6	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	7	90+	90+	45+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x

TS: T S-13ft



		x1000lb									
	ft	246.1									
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	18.1									
	70	17.3									
	80	16.5									
	90	15.7									
	100	14.8									
	110	13.8									
	120	12.7									
	130	11.0									
	140	9.1									
	150	7.4									
	170	4.6									
	190	2.3									
	210										
	214										
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	EST1	1x									

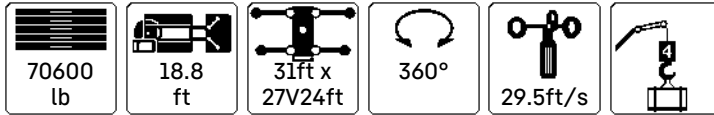
TS: T S-13ft



ft	x1000lb												
	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9	
10	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
12	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
14	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
16	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
20	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
25	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	87.8	90.8	90.8	90.8	90.8
30	84.8	90.3	90.3	90.3	90.3	90.3	90.4	90.4	78.4	90.8	90.8	90.8	90.8
35	76.7	87.3	87.3	87.3	87.3	87.3	87.4	87.4	69.6	90.6	90.6	90.6	90.7
40	69.5	79.7	80.6	81.4	81.8	82.0	82.0	82.0	62.5	74.0	76.0	76.9	79.2
45	63.7	64.5	66.0	67.3	68.5	69.5	70.4	70.4	56.8	61.3	63.2	64.0	66.2
50	57.4	53.1	54.5	55.8	57.0	58.0	58.8	58.8	52.1	50.2	52.0	52.7	54.8
60		37.6	39.0	40.2	41.3	42.3	43.1	43.1	43.8	34.8	36.5	37.1	39.1
70										24.8	26.4	27.1	29.0
80													
90													
100													
110													
120													
130													
140													
150													
170													
188													

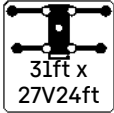
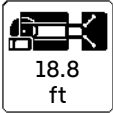
1	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
2	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	45+	90+	0+
3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	90+
4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+
5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
7	0+	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x










TS: T S-13ft



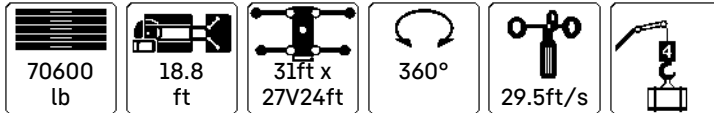
		x1000lb											
		67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2
	ft												
	10												
	12	90.8	90.8	90.8	90.8	90.8							
	14	90.8	90.8	90.8	90.8	90.8	84.6	90.8	90.8	90.8	90.8	90.8	
	16	90.8	90.8	90.8	90.8	90.4	79.0	90.8	90.8	90.8	90.8	90.8	90.8
	18	90.8	90.8	90.8	90.8	86.6	74.1	90.8	90.8	90.8	90.8	90.8	90.8
	20	90.8	90.8	90.8	90.8	81.8	69.5	90.8	90.8	90.8	90.8	90.8	90.8
	25	90.8	90.8	90.8	90.4	70.6	60.2	90.8	90.8	90.8	90.8	90.8	90.8
	30	90.8	90.8	90.8	86.1	61.7	52.9	90.8	90.8	90.8	90.8	90.8	89.0
	35	90.7	90.7	90.7	77.5	54.8	46.9	86.2	87.9	90.7	90.8	90.8	83.0
	40	81.5	83.1	84.9	70.2	48.8	42.0	70.3	72.0	75.3	79.1	81.7	76.0
	45	68.2	69.6	71.3	64.4	44.0	37.9	58.3	60.0	63.2	66.9	69.3	70.0
	50	56.7	58.1	59.7	59.4	39.8	34.4	49.0	50.6	53.7	57.2	59.5	61.4
	60	41.0	42.3	43.8	45.1	33.3	29.0	34.3	35.7	38.4	41.6	43.6	45.4
	70	30.9	32.2	33.6	34.9	28.6	25.1	24.3	25.6	28.3	31.4	33.4	35.1
	80							17.3	18.6	21.2	24.2	26.2	27.9
	90												
	100												
	110												
	120												
	130												
	140												
	150												
	170												
	188												
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

TS: T S-13ft



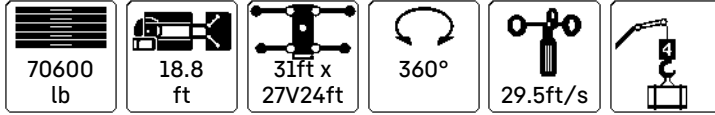
	ft	x1000lb											
		81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
12													
14													
16	90.2	89.7	90.8	90.8	90.8								
18	86.0	84.6	90.8	90.8	90.8	90.8	90.7	84.7	84.6	68.6	61.6		
20	80.9	79.6	90.8	90.8	90.8	90.8	87.8	80.4	80.4	67.2	58.8	90.8	
25	69.5	68.5	90.8	90.8	90.8	90.8	77.2	71.2	71.3	59.6	52.0	90.8	
30	60.6	60.0	90.8	90.8	90.8	90.8	68.2	63.2	63.3	52.6	46.2	90.8	
35	53.4	53.1	85.3	89.8	90.6	87.3	60.6	56.5	56.8	47.1	41.3	84.0	
40	47.6	47.6	70.1	74.5	77.5	80.3	53.9	50.9	51.2	42.3	37.2	69.6	
45	42.8	42.9	58.8	63.0	66.0	68.7	48.7	46.4	46.6	38.4	33.6	58.7	
50	38.8	39.0	49.7	53.9	56.9	59.5	44.3	42.5	42.8	34.9	30.5	50.2	
60	32.5	32.9	36.6	40.2	42.8	45.0	37.0	36.1	36.5	29.1	25.6	37.5	
70	27.9	28.3	26.5	30.0	32.5	34.7	31.6	31.3	31.7	24.6	21.8	28.2	
80	24.3	24.9	19.5	22.9	25.4	27.5	27.4	27.6	28.1	21.2	18.8	21.1	
90			14.3	17.7	20.1	22.2	22.4	23.3	23.7	18.5	16.5	15.9	
100			10.3	13.7	16.1	18.2	18.4	19.3	19.7	16.4	14.7	11.9	
110												8.8	
120													
130													
140													
150													
170													
188													
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

TS: T S-13ft



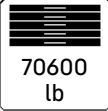
ft	x1000lb												
	107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5	
10													
12													
14													
16													
18													
20	90.8	90.8	90.8	86.3	71.7	80.1	65.6						
25	90.8	90.8	85.1	76.9	63.9	72.0	59.1	90.8	90.8	83.5	71.5	72.1	
30	90.8	90.8	75.8	69.1	57.5	65.3	53.4	90.8	90.8	75.6	64.8	66.0	
35	87.5	89.7	68.2	62.7	51.8	59.3	48.3	82.4	86.3	68.8	59.0	60.8	
40	73.3	76.6	61.7	56.9	46.8	54.1	44.0	68.7	72.4	63.1	54.1	56.2	
45	62.2	65.4	55.7	51.5	42.3	49.4	40.2	58.2	61.8	58.0	49.6	51.9	
50	53.7	56.7	50.8	47.3	38.7	45.6	37.1	49.9	53.5	53.3	45.3	47.9	
60	40.9	43.8	42.5	40.2	32.7	39.3	31.5	37.8	41.2	42.5	38.5	41.8	
70	31.2	33.8	34.0	34.7	28.1	34.4	27.1	29.2	32.4	33.5	33.1	34.7	
80	24.1	26.6	26.8	27.7	24.5	28.5	23.7	22.3	25.3	26.4	27.1	27.5	
90	18.8	21.3	21.5	22.3	21.5	23.1	21.0	17.1	19.9	21.0	21.7	22.2	
100	14.7	17.2	17.4	18.2	18.8	19.0	18.7	12.9	15.7	16.8	17.5	17.9	
110	11.5	13.9	14.1	14.9	15.5	15.7	16.7	9.7	12.4	13.4	14.1	14.6	
120								7.3	9.8	10.8	11.4	11.9	
130													
140													
150													
170													
188													
%	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
%	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
%	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
%	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
%	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
%	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
%	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
n	EST1	4x	4x	4x	4x	4x	4x	3x	4x	4x	4x	4x	4x

TS: T S-13ft

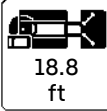


		x1000lb											
ft		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
	10												
	12												
	14												
	16												
	18												
	20												
	25	69.6	62.8	58.8	54.3	45.6	90.8	90.8	78.6	71.8	68.4	68.2	67.7
	30	63.9	57.2	53.9	49.4	42.6	90.8	89.1	72.5	66.3	64.6	63.6	63.0
	35	59.0	52.5	49.6	45.1	39.2	81.1	81.0	66.5	61.5	60.0	58.6	58.7
	40	54.5	48.2	45.5	41.0	36.0	68.0	68.5	61.2	57.3	56.1	54.2	54.9
	45	50.2	44.2	42.0	37.5	33.0	57.9	58.4	56.6	53.6	52.4	50.4	51.2
	50	45.9	40.6	38.8	34.2	30.4	49.9	50.4	52.1	50.1	49.1	46.9	47.6
	60	38.9	34.9	33.5	29.1	25.9	38.1	38.6	40.3	41.3	41.8	40.4	41.0
	70	33.3	30.4	29.1	25.1	22.2	29.8	30.2	31.9	32.9	33.4	33.5	34.2
	80	27.8	26.8	25.6	21.9	19.2	23.5	23.9	25.4	26.2	26.7	26.8	27.4
	90	22.4	23.0	22.8	19.2	16.7	18.2	18.5	20.0	20.8	21.2	21.3	21.9
	100	18.2	18.7	19.4	17.1	14.7	14.0	14.3	15.7	16.5	16.9	17.0	17.6
	110	14.8	15.3	16.0	15.3	13.0	10.6	10.9	12.4	13.2	13.6	13.6	14.3
	120	12.1	12.6	13.3	13.5	11.5	8.4	8.6	9.8	10.5	10.8	10.9	11.5
	130					10.4	6.4	6.7	8.0	8.6	8.9	9.0	9.5
	140						4.7	5.0	6.4	7.2	7.5	7.5	8.1
	150												
	170												
	188												
	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	4x	3x	3x	3x	2x	4x	4x	4x	4x	3x	3x	3x

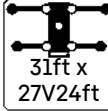
TS: T S-13ft



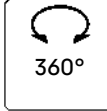
70600
lb



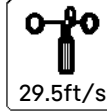
18.8
ft



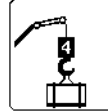
31ft x
27V24ft











360°

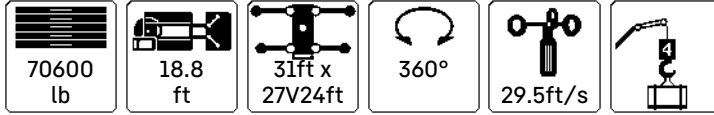


29.5ft/s



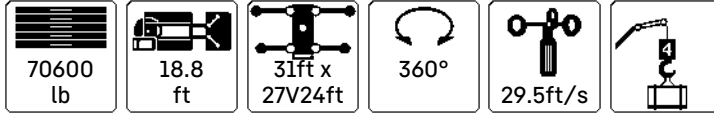
		x1000lb											
		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
10	ft												
12													
14													
16													
18													
20													
25													
30		53.5	53.1	50.7	47.5	45.3			63.8		62.9		
35		50.0	49.7	47.7	44.3	42.5	35.4	72.3	60.0	60.8	59.3	57.3	54.5
40		46.9	46.4	44.9	41.4	39.9	33.5	61.0	56.7	56.7	56.0	54.3	51.4
45		44.1	43.4	42.3	38.7	37.3	31.5	51.7	53.4	52.8	53.0	51.5	48.5
50		41.4	40.6	39.6	36.1	34.8	29.5	44.4	46.8	47.4	47.7	48.3	45.8
60		36.4	35.5	34.9	31.5	30.5	26.1	33.5	35.9	36.4	36.7	37.5	38.0
70		32.1	30.9	31.0	27.6	27.0	23.1	25.6	27.9	28.5	28.7	29.5	30.1
80		26.8	27.1	27.7	24.6	23.8	20.5	19.8	22.0	22.6	22.8	23.6	24.2
90		21.3	21.6	22.2	22.0	21.1	18.2	15.2	17.4	18.0	18.2	18.9	19.4
100		17.1	17.4	18.0	18.3	18.6	16.2	11.4	13.3	13.8	14.0	14.7	15.2
110		13.7	14.0	14.6	14.9	15.3	14.4	8.5	10.0	10.5	10.6	11.3	11.8
120		11.0	11.2	11.8	12.2	12.6	12.5	6.1	7.8	8.2	8.4	8.9	9.3
130		9.0	9.2	9.7	10.0	10.3	10.2	4.0	5.8	6.3	6.5	7.1	7.5
140		7.5	7.7	8.2	8.5	8.7	8.7		4.0	4.5	4.7	5.4	5.9
150		6.2	6.4	7.0	7.2	7.5	7.4		2.4	3.0	3.2	3.9	4.3
170													
188													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	2x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



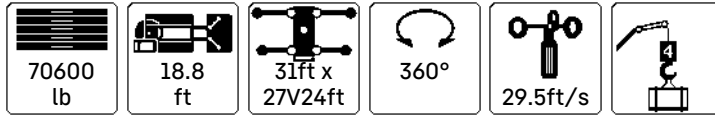
	ft	x1000lb											
		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
10													
12													
14													
16													
18													
20													
25													
30		52.8		51.7			46.7						
35		49.6	55.3	48.7	47.3	45.8	43.9	41.2	57.0	58.0	55.6	48.1	51.6
40		46.8	52.3	46.0	44.6	43.3	41.2	38.9	54.2	54.7	53.0	45.6	49.1
45		44.3	49.3	43.5	42.0	41.1	38.8	36.8	51.6	51.5	50.5	43.3	46.6
50		41.9	46.6	41.2	39.6	38.9	36.6	34.7	44.8	45.0	46.0	41.1	43.8
60		37.2	38.7	36.7	35.3	34.7	32.4	30.7	34.0	34.3	35.2	35.7	35.9
70		30.4	30.7	30.7	31.2	31.1	28.7	27.4	26.4	26.6	27.6	28.0	28.2
80		24.5	24.8	24.8	25.6	26.2	25.7	24.6	20.7	20.9	21.8	22.2	22.4
90		19.7	19.9	20.0	20.7	21.2	21.3	22.0	16.2	16.4	17.4	17.7	17.9
100		15.5	15.7	15.7	16.4	17.0	17.1	18.1	12.5	12.7	13.5	13.9	14.0
110		12.1	12.3	12.4	13.0	13.6	13.7	14.7	9.4	9.5	10.2	10.6	10.7
120		9.5	9.7	9.7	10.3	10.8	11.0	12.0	7.2	7.3	8.0	8.2	8.4
130		7.7	7.9	7.9	8.5	8.9	9.0	9.8	5.1	5.3	6.1	6.4	6.6
140		6.1	6.4	6.4	7.0	7.4	7.5	8.2	3.3	3.5	4.3	4.6	4.8
150		4.6	4.9	4.9	5.5	6.0	6.2	6.9			2.7	3.1	3.3
170													
188													
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	3x	3x	3x	3x	2x	3x	2x	3x	3x	3x	3x	3x

TS: T S-13ft



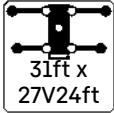
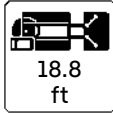
	ft	x1000lb											
		186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	41.7	40.6	39.8	37.5	35.9	29.6	42.4	42.9	39.4	38.8	38.1	35.9
	45	39.8	38.9	38.2	35.8	34.4	28.4	41.5	42.2	37.9	37.4	36.8	34.4
	50	38.0	37.2	36.7	34.2	33.0	27.2	40.1	40.8	36.4	35.9	35.5	33.1
	60	34.7	34.0	33.6	31.3	30.0	24.7	31.7	32.2	32.9	32.8	32.9	30.6
	70	28.1	28.4	28.9	28.2	27.3	22.5	24.5	25.1	25.8	26.3	26.8	27.0
	80	22.5	22.7	23.2	23.7	24.2	20.5	19.2	19.7	20.4	20.9	21.5	21.5
	90	18.1	18.4	18.9	19.3	20.0	18.7	15.0	15.5	16.3	16.8	17.3	17.4
	100	14.5	14.7	15.2	15.6	16.3	16.8	11.5	12.0	12.9	13.4	13.9	13.9
	110	11.1	11.4	11.8	12.2	13.0	13.7	8.7	9.2	9.9	10.4	10.8	10.8
	120	8.7	8.9	9.3	9.6	10.3	11.0	6.3	6.8	7.6	8.1	8.5	8.5
	130	6.9	7.1	7.5	7.8	8.4	9.0	4.3	4.8	5.6	6.2	6.6	6.7
	140	5.3	5.5	6.0	6.3	6.9	7.4	2.4	3.1	3.9	4.5	5.0	5.1
	150	3.8	4.0	4.4	4.8	5.6	6.1			2.2	3.1	3.5	3.5
	170				2.2	3.1	3.8						
	188												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft



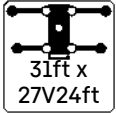
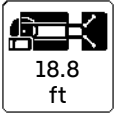
		x1000lb											
ft		199.6	199.6	212.6	212.3	212.6	212.6	217.2	225.6	228.5	230.2	237.4	243.2
10													
12													
14													
16													
18													
20													
25													
30													
35													
40		34.8	34.1										
45		33.6	32.9	34.8	34.6	32.1	31.7	25.1					
50		32.3	31.7	34.1	33.6	31.0	30.6	24.3					
60		29.9	29.3	30.9	31.0	28.9	28.6	22.8	28.7	27.5	20.8	20.3	19.1
70		27.2	26.8	24.1	24.6	25.5	26.0	21.1	23.9	23.7	18.8	18.5	17.6
80		22.4	22.6	19.1	19.6	20.4	20.9	19.6	19.0	19.0	17.7	17.4	16.8
90		18.2	18.4	15.0	15.5	16.4	16.9	17.4	15.1	15.1	16.2	15.2	14.8
100		14.8	15.0	11.8	12.2	13.1	13.6	14.3	12.0	12.0	13.3	12.2	11.8
110		11.7	11.9	9.1	9.5	10.4	10.8	11.6	9.4	9.4	10.7	9.6	9.3
120		9.2	9.4	6.7	7.2	8.1	8.5	9.2	7.2	7.3	8.6	7.5	7.2
130		7.4	7.5	4.8	5.2	6.2	6.7	7.4	5.3	5.4	6.7	5.7	5.4
140		5.9	6.0	3.0	3.5	4.5	5.1	5.9	3.6	3.7	5.1	4.2	3.9
150		4.4	4.6			3.0	3.6	4.5			3.8	2.6	2.2
170													
188													
	1	45+	0+	90+	90+	90+	45+	0+	90+	90+	45+	90+	90+
	2	45+	90+	90+	90+	45+	90+	100+	90+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	5	90+	90+	90+	45+	90+	90+	100+	90+	90+	100+	100+	100+
	6	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	7	90+	90+	45+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x

TS: T S-13ft



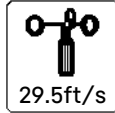
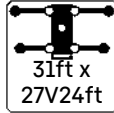
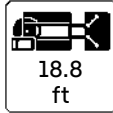
		x1000lb									
	ft	246.1									
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	18.1									
	70	17.3									
	80	16.5									
	90	14.4									
	100	11.4									
	110	9.0									
	120	6.9									
	130	5.1									
	140	3.6									
	150										
	170										
	188										
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	EST1	1x									










TS: T S-13ft




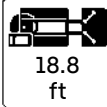
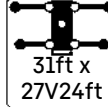
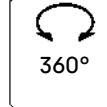
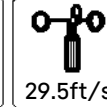
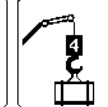
	x1000lb												
	ft	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
10	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
12	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
14	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
16	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
20	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
25	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	87.8	90.8	90.8	90.8	90.8
30	84.8	90.3	90.3	90.3	90.3	90.3	90.4	90.4	78.4	90.4	90.7	90.7	90.8
35	76.7	77.9	79.7	81.2	82.6	83.6	84.5	69.6	70.4	72.5	73.4	75.9	
40	67.1	62.5	64.1	65.6	66.8	67.9	68.8	62.5	56.4	58.5	59.3	61.7	
45	54.1	49.8	51.2	52.5	53.7	54.8	55.7	56.1	46.1	48.1	48.8	51.1	
50	44.6	40.3	41.8	43.0	44.2	45.2	46.1	46.8	37.5	39.2	39.9	42.0	
60		27.5	28.9	30.1	31.3	32.2	33.1	33.8	24.8	26.4	27.1	29.1	
70									16.5	18.2	18.8	20.8	
80													
90													
100													
110													
120													
130													
140													
150													
167													
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x










TS: T S-13ft



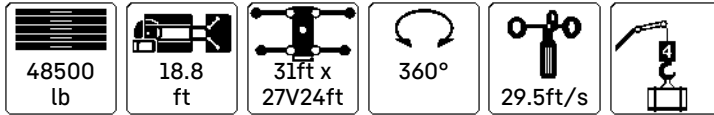
		x1000lb											
	ft	81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
	10												
	12												
	14												
	16	90.2	89.7	90.8	90.8	90.8							
	18	86.0	84.6	90.8	90.8	90.8	90.8	90.7	84.7	84.6	68.6	61.6	
	20	80.9	79.6	90.8	90.8	90.8	90.8	87.8	80.4	80.4	67.2	58.8	90.8
	25	69.5	68.5	90.8	90.8	90.8	90.8	77.2	71.2	71.3	59.6	52.0	90.8
	30	60.6	60.0	83.6	88.4	89.7	90.4	68.2	63.2	63.3	52.6	46.2	82.0
	35	53.4	53.1	66.1	70.7	73.9	76.8	60.6	56.5	56.8	47.1	41.3	65.5
	40	47.6	47.6	53.6	58.0	61.1	63.8	53.9	50.9	51.2	42.3	37.2	53.6
	45	42.8	42.9	44.2	48.5	51.6	54.2	48.7	46.4	46.6	38.4	33.6	44.5
	50	38.8	39.0	36.8	41.0	43.9	46.6	44.3	42.5	42.8	34.9	30.5	37.5
	60	32.5	32.9	26.1	30.1	32.7	35.0	35.2	35.9	36.3	29.1	25.6	27.1
	70	27.0	27.9	18.2	21.7	24.2	26.4	26.6	27.5	27.9	24.6	21.8	19.8
	80	21.0	21.9	12.4	15.9	18.3	20.4	20.7	21.5	21.9	21.2	18.8	14.0
	90			8.1	11.4	13.8	15.9	16.1	16.9	17.4	17.6	16.5	9.6
	100			4.9	8.3	10.4	12.5	12.7	13.5	13.9	14.1	14.2	6.5
	110												3.9
	120												
	130												
	140												
	150												
	167												
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

TS: T S-13ft

 48500 lb	 18.8 ft	 31ft x 27V24ft	 360°	 29.5ft/s	
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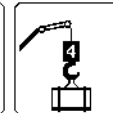
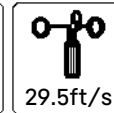
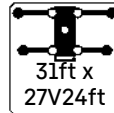
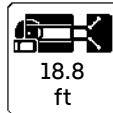
		x1000lb											
		107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5
	ft												
	10												
	12												
	14												
	16												
	18												
	20	90.8	90.8	90.8	86.3	71.7	80.1	65.6					
	25	90.8	90.8	85.1	76.9	63.9	72.0	59.1	90.8	90.8	83.5	71.5	72.1
	30	86.0	88.3	75.8	69.1	57.5	65.3	53.4	79.8	83.9	75.6	64.8	66.0
	35	69.3	72.7	68.2	62.7	51.8	59.3	48.3	64.4	68.3	68.5	59.0	60.8
	40	57.3	60.5	60.9	56.9	46.8	54.1	44.0	53.1	56.8	58.2	54.1	56.2
	45	48.1	51.2	51.6	51.5	42.3	49.4	40.2	44.4	48.1	49.4	49.6	50.8
	50	41.0	44.1	44.4	45.4	38.7	45.4	37.1	37.6	41.1	42.4	43.3	43.9
	60	30.5	33.4	33.7	34.7	32.7	35.7	31.5	27.6	31.0	32.3	33.1	33.7
	70	22.9	25.5	25.8	26.6	27.2	27.4	27.1	20.5	23.8	25.0	25.9	26.4
	80	16.9	19.4	19.7	20.5	21.1	21.3	22.4	15.0	18.0	19.0	19.7	20.2
	90	12.4	14.8	15.1	15.9	16.5	16.7	17.7	10.6	13.4	14.4	15.1	15.6
100	9.1	11.3	11.6	12.4	13.0	13.2	14.2	7.6	10.0	10.9	11.6	12.1	
110	6.7	8.9	9.1	9.8	10.3	10.5	11.4	5.0	7.7	8.6	9.1	9.5	
120								2.7	5.7	6.7	7.3	7.7	
130													
140													
150													
167													
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	4x	4x	4x	4x	4x	4x	3x	4x	4x	4x	4x	4x

TS: T S-13ft



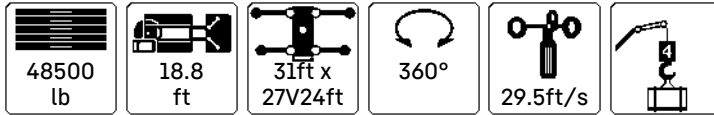
		x1000lb											
ft		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
10													
12													
14													
16													
18													
20													
25		69.6	62.8	58.8	54.3	45.6	90.8	90.8	78.6	71.8	68.4	68.2	67.7
30		63.9	57.2	53.9	49.4	42.6	78.3	78.8	72.5	66.3	64.6	63.6	63.0
35		59.0	52.5	49.6	45.1	39.2	63.6	64.1	65.5	61.5	60.0	58.6	58.7
40		54.5	48.2	45.5	41.0	36.0	52.8	53.3	55.1	56.0	56.1	54.2	54.9
45		50.2	44.2	42.0	37.5	33.0	44.5	44.9	46.7	47.7	48.3	48.4	49.2
50		44.2	40.6	38.8	34.2	30.4	37.8	38.3	40.1	41.1	41.6	41.7	42.5
60		34.0	34.4	33.5	29.1	25.9	28.1	28.5	30.2	31.2	31.8	31.8	32.6
70		26.7	27.2	28.0	25.1	22.2	21.2	21.6	23.3	24.3	24.8	24.9	25.6
80		20.5	21.0	21.8	21.7	19.2	16.0	16.4	18.0	18.8	19.2	19.3	20.0
90		15.9	16.4	17.1	17.3	16.7	11.6	11.9	13.4	14.2	14.6	14.7	15.3
100		12.3	12.9	13.6	13.7	14.0	8.5	8.8	10.0	10.7	11.1	11.2	11.8
110		9.7	10.1	10.8	10.9	11.1	6.1	6.5	7.7	8.4	8.7	8.7	9.2
120		7.9	8.3	8.8	9.0	9.1	4.0	4.3	5.8	6.6	6.9	6.9	7.4
130						7.6		2.4	4.0	4.8	5.2	5.2	5.9
140									2.7	3.5	3.8	3.8	4.5
150													
167													
	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	4x	3x	3x	3x	2x	4x	4x	4x	4x	3x	3x	3x

TS: T S-13ft



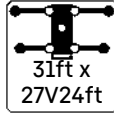
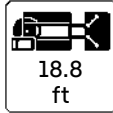
	ft	x1000lb											
		134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.7	147.2	146.9
	10												
	12												
	14												
	16												
	18												
	20												
	25		58.1										
	30	54.7	53.8	52.1	48.3	73.0	74.0	70.2	66.0	64.6	63.2	60.2	60.3
	35	50.8	50.0	48.5	44.6	59.3	60.2	62.6	61.4	60.5	59.3	56.2	56.7
	40	47.1	46.6	45.2	41.4	49.0	49.9	52.3	52.3	53.1	53.9	52.5	53.3
	45	43.6	43.2	42.0	38.1	41.1	42.0	44.3	44.3	45.0	45.9	45.9	46.7
	50	40.3	40.3	39.2	35.2	34.7	35.7	37.9	37.9	38.6	39.4	39.5	40.3
	60	33.0	33.5	33.8	30.3	25.3	26.2	28.4	28.5	29.1	29.9	30.0	30.7
	70	26.0	26.5	26.8	26.5	18.7	19.5	21.7	21.7	22.4	23.1	23.2	23.9
	80	20.3	20.7	21.0	21.6	13.7	14.6	16.7	16.7	17.3	18.1	18.1	18.8
	90	15.7	16.1	16.3	17.0	9.9	10.6	12.5	12.5	13.0	13.7	13.7	14.3
	100	12.1	12.6	12.8	13.4	6.8	7.7	9.2	9.2	9.6	10.2	10.3	10.8
	110	9.5	9.8	10.0	10.6	4.4	5.2	7.0	7.0	7.4	7.9	7.9	8.4
	120	7.7	8.0	8.2	8.7		2.9	5.0	4.9	5.4	6.1	6.1	6.6
	130	6.2	6.5	6.7	7.2			3.2	3.1	3.6	4.3	4.4	4.9
	140	4.8	5.2	5.4	6.0						2.7	2.8	3.4
	150												
	167												
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	3x	3x	3x	3x	4x	4x	4x	3x	3x	3x	3x	3x

TS: T S-13ft



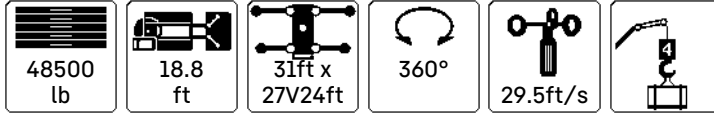
ft	x1000lb												
	146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2	
10													
12													
14													
16													
18													
20													
25													
30	53.5	53.1	50.7	47.5	45.3			63.8		62.9			
35	50.0	49.7	47.7	44.3	42.5	35.4	56.2	58.2	59.0	58.6	57.3	54.5	
40	46.9	46.4	44.9	41.4	39.9	33.5	46.5	49.0	49.6	49.8	50.8	50.6	
45	44.1	43.4	42.3	38.7	37.3	31.5	38.8	41.3	41.9	42.2	43.1	43.6	
50	40.8	40.5	39.6	36.1	34.8	29.5	32.8	35.2	35.8	36.1	36.9	37.5	
60	31.3	31.6	32.3	31.5	30.5	26.1	23.8	26.1	26.7	26.9	27.8	28.3	
70	24.4	24.8	25.5	25.9	26.4	23.1	17.2	19.6	20.1	20.4	21.2	21.7	
80	19.4	19.6	20.2	20.6	21.1	20.5	12.4	14.7	15.3	15.5	16.3	16.8	
90	14.8	15.1	15.7	16.0	16.5	16.4	8.7	10.9	11.4	11.6	12.3	12.8	
100	11.3	11.6	12.1	12.5	12.9	12.9	5.7	7.9	8.4	8.6	9.1	9.5	
110	8.8	9.0	9.5	9.8	10.1	10.1	3.0	5.4	6.0	6.2	6.9	7.3	
120	7.0	7.2	7.7	8.0	8.2	8.2		3.3	4.0	4.2	4.9	5.4	
130	5.4	5.7	6.2	6.5	6.7	6.7					3.0	3.6	
140	3.9	4.2	4.8	5.1	5.4	5.5							
150	2.7	3.0	3.5	3.9	4.2	4.2							
167						2.5							
%	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
%	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
%	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
%	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
%	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
%	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
%	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
n	EST1	3x	3x	3x	3x	2x	2x	3x	3x	3x	3x	3x	3x

TS: T S-13ft



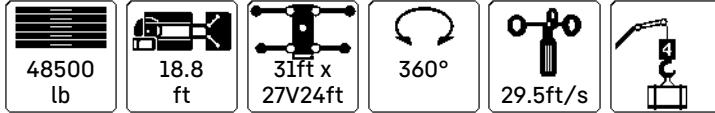
ft	x1000lb												
	159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3	
10													
12													
14													
16													
18													
20													
25													
30	52.8		51.7			46.7							
35	49.6	55.3	48.7	47.3	45.8	43.9	41.2	55.3	55.6	55.6	48.1	51.6	
40	46.8	51.5	46.0	44.6	43.3	41.2	38.9	46.5	46.7	47.8	45.6	48.0	
45	44.0	44.3	43.4	42.0	41.1	38.8	36.8	39.1	39.4	40.4	40.8	41.0	
50	37.8	38.2	38.2	38.8	38.9	36.6	34.7	33.3	33.6	34.6	35.0	35.2	
60	28.7	29.0	29.0	29.8	30.5	30.6	30.6	24.5	24.7	25.7	26.1	26.3	
70	22.1	22.4	22.4	23.2	23.8	24.0	25.2	18.2	18.4	19.4	19.8	20.0	
80	17.2	17.5	17.5	18.3	18.9	19.1	20.3	13.4	13.7	14.6	15.0	15.2	
90	13.1	13.4	13.4	14.1	14.7	14.8	15.8	9.7	10.0	10.9	11.3	11.5	
100	9.8	10.0	10.0	10.6	11.1	11.3	12.3	6.8	7.0	7.9	8.3	8.5	
110	7.5	7.7	7.7	8.3	8.7	8.8	9.6	4.3	4.6	5.5	5.9	6.1	
120	5.7	5.9	5.9	6.5	6.9	7.0	7.8			3.4	3.8	4.1	
130	3.9	4.1	4.2	4.8	5.3	5.5	6.3						
140		2.4	2.5	3.3	3.9	4.0	4.9						
150					2.5	2.7	3.6						
167													
%	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
%	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
%	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
%	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
%	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
%	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
%	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
n	EST1	3x	3x	3x	3x	2x	3x	2x	3x	3x	3x	3x	3x










TS: T S-13ft



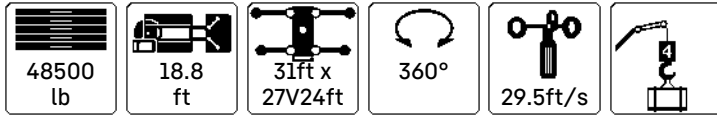
		x1000lb											
	ft	172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35	47.6	52.6	45.0	42.7	43.8	40.3	38.9					
	40	45.2	48.8	42.8	40.5	41.8	38.2	37.1	43.7	44.7	45.4	42.9	46.0
	45	41.6	41.7	40.6	38.3	39.9	36.4	35.4	36.6	37.6	38.6	39.1	39.2
	50	35.8	35.9	37.4	36.4	37.5	34.6	33.7	31.1	32.0	33.0	33.5	33.6
	60	26.9	26.9	28.5	28.5	29.1	29.9	30.0	22.6	23.5	24.4	24.9	25.0
	70	20.5	20.6	22.1	22.1	22.7	23.5	23.7	16.5	17.4	18.3	18.8	18.9
	80	15.7	15.8	17.3	17.3	17.9	18.7	18.9	11.8	12.7	13.6	14.1	14.2
	90	12.0	12.1	13.4	13.4	14.0	14.7	14.9	8.2	9.1	10.0	10.4	10.6
	100	8.9	9.0	10.1	10.1	10.5	11.2	11.4	5.3	6.2	7.1	7.5	7.6
	110	6.6	6.6	7.8	7.8	8.2	8.7	8.9	2.5	3.7	4.7	5.1	5.2
	120	4.6	4.6	6.0	6.0	6.4	6.9	7.0			2.4	2.9	3.1
	130	2.7	2.8	4.3	4.3	4.8	5.4	5.5					
	140			2.6	2.6	3.3	3.9	4.1					
	150						2.5	2.8					
	167												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	3x	3x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft



		x1000lb											
	ft	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40	41.7	40.6	39.8	37.5	35.9	29.6	42.3	42.9	39.4	38.8	38.1	35.9
	45	39.7	38.8	38.2	35.8	34.4	28.4	36.4	37.0	37.4	37.0	36.7	34.4
	50	34.9	35.2	35.6	34.2	33.0	27.2	31.0	31.6	32.4	32.9	33.4	32.8
	60	26.3	26.6	27.2	27.7	28.5	24.7	22.7	23.3	24.1	24.7	25.2	25.3
	70	20.2	20.5	21.0	21.5	22.3	22.3	16.8	17.3	18.1	18.8	19.3	19.4
	80	15.5	15.7	16.3	16.7	17.6	18.3	12.2	12.7	13.6	14.2	14.7	14.8
	90	11.8	12.1	12.6	13.1	13.9	14.6	8.7	9.2	10.0	10.7	11.2	11.2
	100	8.8	9.1	9.5	9.8	10.6	11.2	5.8	6.3	7.2	7.8	8.3	8.3
	110	6.5	6.7	7.2	7.6	8.2	8.8	3.3	3.9	4.8	5.4	5.9	6.0
	120	4.5	4.7	5.3	5.7	6.4	7.0			2.6	3.4	3.9	4.0
	130	2.5	2.9	3.5	4.0	4.9	5.5						
	140				2.3	3.4	4.1						
	150						2.8						
	167												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

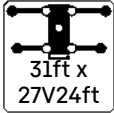
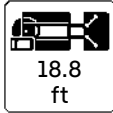
TS: T S-13ft












ft	x1000lb												
	199.6	199.6	212.6	212.3	212.6	212.6	217.2	225.6	228.5	230.2	237.4	243.2	
10													
12													
14													
16													
18													
20													
25													
30													
35													
40	34.8	34.1											
45	33.6	32.9	34.0	34.3	32.1	31.7	25.1						
50	32.3	31.7	30.1	30.6	31.0	30.6	24.3	28.5	27.5	20.8	20.3	19.1	
60	26.2	26.4	22.4	22.9	23.8	24.3	22.8	22.0	21.9	19.8	19.4	18.4	
70	20.2	20.4	16.8	17.3	18.2	18.6	19.2	16.7	16.7	17.9	16.6	16.1	
80	15.8	16.0	12.5	13.0	13.9	14.4	15.1	12.6	12.6	13.9	12.7	12.2	
90	12.2	12.5	9.1	9.5	10.5	11.0	11.8	9.4	9.4	10.7	9.6	9.2	
100	9.3	9.6	6.2	6.7	7.7	8.3	9.1	6.8	6.8	8.1	7.1	6.7	
110	7.0	7.2	3.8	4.4	5.4	6.0	6.8	4.5	4.6	6.0	5.0	4.7	
120	5.0	5.3			3.4	4.0	4.9		2.2	4.2	3.0	2.5	
130	3.3	3.6					3.2			2.3			
140													
150													
167													

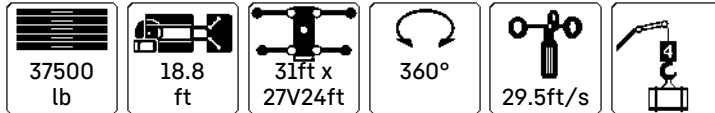
	1	45+	0+	90+	90+	90+	45+	0+	90+	90+	45+	90+	90+
	2	45+	90+	90+	90+	45+	90+	100+	90+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	5	90+	90+	90+	45+	90+	90+	100+	90+	90+	100+	100+	100+
	6	90+	90+	90+	90+	90+	90+	100+	90+	90+	100+	100+	100+
	7	90+	90+	45+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x

TS: T S-13ft



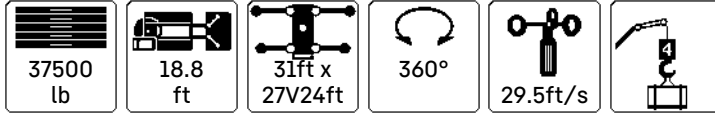
		x1000lb									
	ft	246.1									
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	18.1									
	70	15.6									
	80	11.8									
	90	8.9									
	100	6.4									
	110	4.4									
	120										
	130										
	140										
	150										
	167										
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	EST1	1x									


TS: T S-13ft











ft	x1000lb												
	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9	
10	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
12	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
14	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
16	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
20	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
25	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	87.8	90.8	90.8	90.8	90.8
30	84.8	86.7	87.7	88.4	88.9	89.4	89.7	78.4	77.9	80.1	81.1	83.6	
35	75.1	67.2	68.9	70.5	71.9	73.1	74.2	69.6	60.1	62.2	63.1	65.6	
40	58.4	53.6	55.2	56.6	58.0	59.1	60.1	60.8	47.6	49.6	50.5	52.9	
45	46.7	42.3	43.8	45.1	46.3	47.4	48.3	49.0	38.4	40.4	41.2	43.5	
50	38.2	33.9	35.4	36.6	37.8	38.8	39.7	40.4	31.1	32.8	33.5	35.6	
60		22.5	23.9	25.1	26.2	27.2	28.0	28.7	19.7	21.4	22.0	24.1	
70									12.4	14.0	14.6	16.6	
80													
90													
100													
110													
120													
130													
140													
150													
152													
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

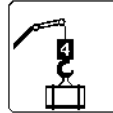
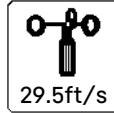
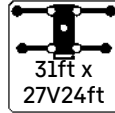
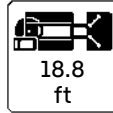
TS: T S-13ft



	ft	x1000lb											
		67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2
10													
12		90.8	90.8	90.8	90.8	90.8							
14		90.8	90.8	90.8	90.8	90.8	84.6	90.8	90.8	90.8	90.8	90.8	
16		90.8	90.8	90.8	90.8	90.4	79.0	90.8	90.8	90.8	90.8	90.8	90.8
18		90.8	90.8	90.8	90.8	86.6	74.1	90.8	90.8	90.8	90.8	90.8	90.8
20		90.8	90.8	90.8	90.8	81.8	69.5	90.8	90.8	90.8	90.8	90.8	90.8
25		90.8	90.8	90.8	90.4	70.6	60.2	90.8	90.8	90.8	90.8	90.8	90.8
30		86.0	87.5	89.2	86.1	61.7	52.9	72.9	74.8	78.4	82.6	85.4	87.2
35		68.0	69.7	71.6	73.3	54.8	46.9	56.4	58.1	61.5	65.5	68.2	70.5
40		55.2	56.8	58.6	60.2	48.8	42.0	44.7	46.4	49.7	53.6	56.1	58.3
45		45.7	47.2	49.0	50.5	44.0	37.9	35.9	37.6	40.8	44.5	47.0	49.1
50		37.6	38.9	40.5	41.8	39.8	34.4	29.1	30.7	33.8	37.5	39.9	41.9
60		25.9	27.3	28.7	30.0	30.1	29.0	19.1	20.6	23.3	26.5	28.5	30.3
70		18.4	19.7	21.2	22.4	22.5	22.7	11.8	13.2	15.8	18.9	20.9	22.7
80								6.7	8.0	10.6	13.6	15.6	17.3
90													
100													
110													
120													
130													
140													
150													
152													

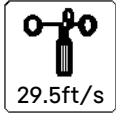
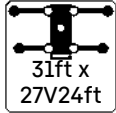
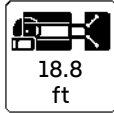
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x



TS: T S-13ft



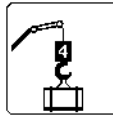
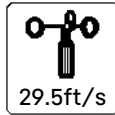
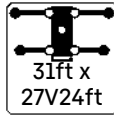
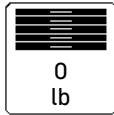
		x1000lb											
ft	ft	81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2
10													
12													
14													
16		90.2	89.7	90.8	90.8	90.8							
18		86.0	84.6	90.8	90.8	90.8	90.8	90.7	84.7	84.6	68.6	61.6	
20		80.9	79.6	90.8	90.8	90.8	90.8	87.8	80.4	80.4	67.2	58.8	90.8
25		69.5	68.5	90.6	90.8	90.8	90.8	77.2	71.2	71.3	59.6	52.0	90.8
30		60.6	60.0	72.1	76.9	80.3	83.3	68.2	63.2	63.3	52.6	46.2	70.9
35		53.4	53.1	56.5	61.0	64.2	67.2	60.6	56.5	56.8	47.1	41.3	56.1
40		47.6	47.6	45.3	49.7	52.8	55.6	53.9	50.9	51.2	42.3	37.2	45.5
45		42.8	42.9	37.0	41.2	44.3	47.0	47.2	46.4	46.6	38.4	33.6	37.4
50		38.8	39.0	30.3	34.5	37.5	40.1	40.3	41.3	41.9	34.9	30.5	31.2
60		30.5	31.4	20.8	24.8	27.6	29.9	30.2	31.0	31.5	29.1	25.6	21.8
70		22.8	23.7	14.0	17.6	20.1	22.3	22.5	23.3	23.7	24.0	21.8	15.4
80		17.4	18.3	8.8	12.1	14.5	16.7	16.9	17.7	18.2	18.4	18.5	10.2
90				5.0	8.4	10.5	12.6	12.8	13.6	14.0	14.3	14.4	6.7
100					5.6	8.0	9.7	9.8	10.6	11.0	11.2	11.3	3.5
110													
120													
130													
140													
150													
152													
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

TS: T S-13ft



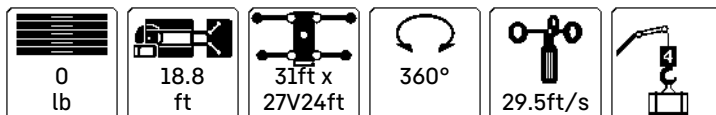
		x1000lb									
ft		246.1									
	10										
	12										
	14										
	16										
	18										
	20										
	25										
	30										
	35										
	40										
	45										
	50	18.7									
	60	16.6									
	70	12.2									
	80	8.8									
	90	6.1									
	100	3.7									
	110										
	120										
	130										
	140										
	150										
	152										
	1	100+									
	2	100+									
	3	100+									
	4	100+									
	5	100+									
	6	100+									
	7	100+									
	EST1	1x									

TS: T S-13ft



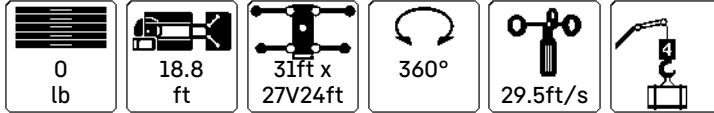
		x1000lb											
	ft	41.5	54.5	54.5	54.7	54.7	54.8	54.8	54.5	67.5	67.5	67.5	67.9
	10	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8				
	11	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8		90.8	90.8	
	12	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	13	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	14	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	15	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	16	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	17	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	18	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
	19	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	86.4	88.2	89.0
	20	90.8	89.4	90.1	90.6	90.8	90.8	90.8	90.8	80.1	82.8	84.0	87.2
	22	90.2	77.2	79.4	81.3	83.1	84.5	85.9	87.2	66.6	69.1	70.3	73.4
	24	77.7	65.6	67.8	69.6	71.3	72.7	74.0	75.2	56.3	58.7	59.8	62.7
	26	67.0	56.2	58.3	60.0	61.6	63.0	64.2	65.3	48.0	50.3	51.4	54.2
	28	58.3	48.6	50.6	52.3	53.8	55.2	56.4	57.4	41.4	43.7	44.7	47.4
	30	51.4	42.4	44.3	45.9	47.5	48.8	49.9	50.9	35.7	37.9	38.8	41.5
	32	45.6	37.2	39.1	40.6	42.1	43.4	44.5	45.5	31.1	33.2	34.1	36.8
	34	40.7	32.8	34.6	36.1	37.6	38.8	39.9	40.9	27.0	29.1	30.0	32.6
	36	36.5	29.0	30.7	32.3	33.7	34.9	36.0	36.9	23.5	25.6	26.5	29.0
	38	32.4	25.7	27.4	28.9	30.3	31.5	32.6	33.4	20.5	22.5	23.4	25.8
	40	28.8	22.8	24.5	26.0	27.4	28.5	29.6	30.4	17.8	19.8	20.6	23.0
	45	21.7	16.9	18.6	20.0	21.3	22.4	23.3	24.0	12.3	14.2	15.0	17.4
	50	16.6	12.3	13.7	15.0	16.1	17.2	18.0	18.7	7.9	10.0	10.8	13.1
	55		8.5	9.8	10.9	12.1	13.0	13.9	14.6	3.6	6.2	7.3	9.7
	60		5.0	6.8	8.1	9.1	9.9	10.7	11.4		2.9	3.6	6.8
	65												3.7
	70												
	75												
	80												
	85												
	90												
	95												
	99												
	1	0+	45+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	2	0+	0+	45+	0+	0+	0+	0+	0+	0+	45+	90+	0+
	3	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	90+
	4	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+
	5	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	6	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+
	7	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

TS: T S-13ft



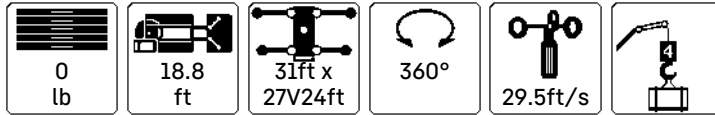
ft	x1000lb												
	67.9	68.0	68.2	67.8	67.5	70.4	80.5	80.5	80.9	81.2	81.3	81.2	
10													
11		90.8											
12	90.8	90.8	90.8	90.8	90.8								
13	90.8	90.8	90.8	90.8	90.8	87.6	90.8						
14	90.8	90.8	90.8	90.8	90.8	84.6	90.8	90.8	90.8	90.8	90.8	90.8	
15	90.8	90.8	90.8	90.8	90.8	81.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
16	90.8	90.8	90.8	90.8	90.4	79.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8
17	90.8	90.8	90.8	90.8	89.2	76.5	89.8	90.8	90.8	90.8	90.8	90.8	90.8
18	90.8	90.8	90.8	90.8	86.6	74.1	87.6	89.9	90.5	90.8	90.8	90.8	90.8
19	90.8	90.8	90.8	90.8	84.1	71.7	79.5	81.7	84.9	88.1	90.1	90.8	90.8
20	88.4	89.1	89.8	90.6	81.8	69.5	72.2	74.4	78.8	83.8	87.2	88.6	88.6
22	76.3	78.3	80.6	82.7	77.1	65.5	60.4	62.5	66.7	71.5	74.7	77.5	77.5
24	65.5	67.4	69.6	71.7	71.5	61.8	51.1	53.1	57.1	61.7	64.8	67.5	67.5
26	56.9	58.7	60.9	62.8	63.0	58.6	43.7	45.6	49.4	53.9	56.8	59.4	59.4
28	50.0	51.8	53.8	55.7	56.0	55.0	37.6	39.5	43.2	47.5	50.4	52.9	52.9
30	44.1	45.8	47.9	49.6	49.8	49.7	32.4	34.3	37.9	42.1	44.9	47.4	47.4
32	39.3	40.9	42.9	44.6	44.8	44.7	28.1	29.9	33.4	37.5	40.3	42.6	42.6
34	35.1	36.7	38.6	40.3	40.5	40.3	24.4	26.2	29.7	33.7	36.4	38.7	38.7
36	31.4	33.0	34.9	36.6	36.7	36.6	21.1	22.9	26.3	30.3	32.9	35.2	35.2
38	28.2	29.8	31.7	33.3	33.4	33.4	18.2	19.9	23.3	27.2	29.8	32.0	32.0
40	25.4	26.9	28.8	30.4	30.5	30.5	15.7	17.4	20.7	24.6	27.2	29.4	29.4
45	19.7	21.2	23.0	24.6	24.7	24.7	10.5	12.2	15.4	19.2	21.6	23.8	23.8
50	15.3	16.8	18.5	19.9	20.0	20.2	5.7	7.9	11.3	14.9	17.4	19.4	19.4
55	11.6	12.9	14.5	15.8	15.9	16.0		3.8	7.9	11.6	13.9	15.9	15.9
60	8.7	9.8	11.2	12.5	12.5	12.7			4.5	8.8	10.9	12.6	12.6
65	6.4	7.7	8.9	9.9	9.9	10.1				6.6	8.6	10.0	10.0
70	3.7	5.6	7.1	8.1	8.2	8.3				4.1	6.8	8.2	8.2
75		3.6	5.4	6.7	6.7	6.9				2.3	4.9	6.7	6.7
80											3.0	5.4	5.4
85												3.9	3.9
90													
95													
99													
	1	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	0+	45+	90+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	0+	0+	0+	90+	45+	0+	0+
	4	90+	45+	0+	0+	0+	0+	0+	0+	0+	45+	45+	0+
	5	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+	45+
	6	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	45+	45+
	7	0+	0+	0+	45+	90+	100+	0+	0+	0+	0+	0+	45+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x	4x

TS: T S-13ft



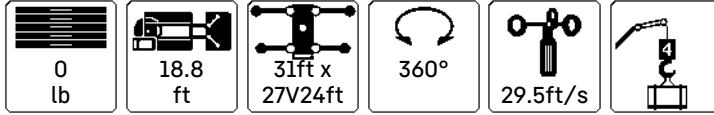
ft	x1000lb												
	81.2	80.8	93.9	94.2	94.5	94.4	94.5	94.5	94.2	94.2	100.0	107.2	
10													
11													
12													
13													
14													
15	90.8	90.7											
16	90.2	89.7	90.8	90.8	90.8								
17	88.3	87.3	89.6	90.8	90.8	90.8	90.8	87.0	86.8	68.7			
18	86.0	84.6	83.3	89.0	90.2	90.8	90.7	84.7	84.6	68.6	61.6		
19	83.4	82.1	76.1	82.0	86.0	89.0	88.5	82.5	82.4	68.2	60.3	72.7	
20	80.9	79.6	69.7	75.5	79.5	82.9	83.0	80.4	80.4	67.2	58.8	66.9	
22	75.7	74.9	59.0	64.5	68.4	71.8	72.2	73.1	73.8	64.3	56.0	57.5	
24	67.8	68.9	50.5	55.8	59.5	62.8	63.2	64.4	65.1	61.2	53.3	49.7	
26	59.7	61.1	43.6	48.7	52.3	55.5	55.8	57.0	57.7	58.0	50.8	43.3	
28	53.2	54.5	38.0	42.9	46.4	49.5	49.8	51.0	51.7	52.1	48.4	38.0	
30	47.6	48.9	33.2	38.0	41.4	44.4	44.7	45.9	46.5	47.0	45.7	33.4	
32	42.9	44.1	29.0	33.8	37.1	40.1	40.4	41.5	42.1	42.6	42.0	29.5	
34	39.0	40.2	25.5	30.1	33.4	36.3	36.6	37.7	38.3	38.7	38.3	26.2	
36	35.4	36.6	22.4	26.9	30.2	33.0	33.3	34.4	35.0	35.4	35.0	23.2	
38	32.2	33.4	19.7	24.2	27.4	30.2	30.5	31.6	32.1	32.6	32.2	20.6	
40	29.6	30.7	17.2	21.6	24.8	27.5	27.8	28.9	29.4	29.8	29.7	18.2	
45	24.0	25.1	12.2	16.6	19.6	22.3	22.5	23.6	24.1	24.5	24.3	13.4	
50	19.6	20.7	8.3	12.5	15.5	18.1	18.3	19.4	19.9	20.3	20.2	9.6	
55	16.1	17.0	4.3	9.3	12.2	14.8	15.1	16.1	16.6	16.9	16.9	6.2	
60	12.8	13.7		6.6	9.6	12.0	12.3	13.2	13.6	13.9	14.1	3.1	
65	10.2	11.0		3.6	7.4	9.5	9.7	10.5	10.9	11.2	11.4		
70	8.3	9.1			5.3	7.8	8.0	8.7	9.0	9.2	9.4		
75	6.8	7.6			3.2	6.3	6.5	7.2	7.5	7.7	7.8		
80	5.5	6.3				4.8	5.0	5.9	6.2	6.4	6.6		
85	4.1	5.2				3.0	3.3	4.6	5.1	5.3	5.5		
90								3.1	3.7	4.0	4.3		
95									2.5	2.8	3.0		
99													
	1	0+	0+	45+	0+	0+	0+	0+	0+	0+	0+	0+	45+
	2	0+	0+	45+	45+	0+	0+	0+	0+	0+	0+	0+	45+
	3	0+	0+	90+	45+	45+	0+	0+	0+	0+	0+	0+	45+
	4	0+	0+	0+	45+	45+	45+	0+	0+	0+	0+	0+	45+
	5	0+	0+	0+	45+	45+	45+	90+	45+	45+	0+	0+	45+
	6	90+	45+	0+	0+	45+	45+	45+	90+	45+	90+	100+	0+
	7	45+	90+	0+	0+	0+	45+	45+	45+	90+	90+	100+	0+
	EST1	4x	4x	4x	4x	4x	4x	4x	4x	4x	3x	3x	4x

TS: T S-13ft



	ft	x1000lb											
		107.5	107.5	107.5	107.7	107.8	107.4	107.5	120.5	120.5	120.7	120.9	120.5
10													
11													
12													
13													
14													
15													
16													
17													
18													
19		77.5					81.8						
20		71.6	75.8	76.3	77.5	71.7	79.0	65.6					
22		62.0	66.0	66.6	67.7	67.1	69.1	62.9	55.3		61.5		63.4
24		54.1	57.9	58.4	59.5	60.6	60.9	60.1	48.3	52.7	54.3	55.4	56.1
26		47.6	51.3	51.7	52.8	53.8	54.1	55.7	42.4	46.6	48.2	49.2	49.9
28		42.1	45.7	46.2	47.2	48.2	48.5	50.0	37.3	41.5	43.0	44.0	44.7
30		37.5	41.0	41.4	42.5	43.4	43.7	45.2	33.1	37.1	38.6	39.6	40.3
32		33.5	36.9	37.4	38.4	39.3	39.6	41.1	29.4	33.4	34.9	35.9	36.5
34		30.0	33.4	33.8	34.9	35.7	36.0	37.5	26.2	30.1	31.6	32.6	33.2
36		27.0	30.3	30.7	31.8	32.6	32.9	34.3	23.4	27.3	28.7	29.6	30.2
38		24.3	27.6	28.0	29.0	29.8	30.1	31.5	20.9	24.7	26.1	27.0	27.7
40		21.9	25.2	25.6	26.6	27.4	27.6	29.1	18.7	22.4	23.8	24.7	25.3
45		17.0	20.1	20.5	21.5	22.3	22.5	23.9	14.0	17.7	19.0	19.9	20.5
50		13.2	16.2	16.6	17.6	18.3	18.6	19.9	10.3	13.9	15.2	16.1	16.7
55		10.0	13.1	13.4	14.4	15.1	15.3	16.7	7.3	10.9	12.2	13.0	13.6
60		7.5	10.4	10.8	11.7	12.4	12.7	14.0	4.3	8.4	9.7	10.5	11.1
65		4.9	8.3	8.6	9.6	10.2	10.4	11.4		6.2	7.6	8.4	9.0
70		2.7	6.5	6.8	7.7	8.3	8.5	9.4		3.9	5.7	6.6	7.1
75			4.5	5.0	6.1	6.8	7.0	7.9			3.6	4.8	5.5
80			2.7	3.1	4.5	5.4	5.7	6.6				3.0	3.8
85					2.9	3.9	4.2	5.5					2.3
90						2.6	2.8	4.4					
95								3.1					
99								2.2					
	1	0+	0+	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+
	2	45+	0+	0+	0+	0+	0+	0+	45+	45+	0+	0+	0+
	3	45+	45+	0+	0+	0+	0+	0+	45+	45+	45+	0+	45+
	4	45+	45+	90+	45+	0+	45+	0+	45+	45+	90+	90+	45+
	5	45+	45+	45+	90+	90+	45+	45+	45+	45+	45+	90+	45+
	6	45+	45+	45+	45+	90+	45+	90+	45+	45+	45+	45+	45+
	7	0+	45+	45+	45+	45+	90+	90+	0+	45+	45+	45+	90+
	EST1	4x	4x	4x	4x	4x	4x	3x	3x	3x	3x	3x	3x

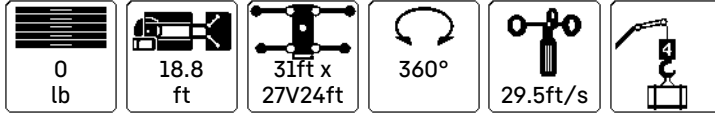
TS: T S-13ft



		x1000lb											
		120.5	121.0	120.7	120.8	129.7	133.6	133.6	133.9	133.6	133.7	134.1	133.7
10	ft												
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22		63.8		61.9									
24		56.6	57.3	58.3	55.3	46.0			51.1				
26		50.4	51.0	52.2	52.5	45.1	41.7	42.3	44.4	45.6	46.3	46.2	47.2
28		45.1	45.8	46.9	47.2	43.9	37.0	37.5	39.6	40.7	41.4	41.4	42.3
30		40.7	41.4	42.4	42.7	42.0	33.0	33.6	35.6	36.7	37.4	37.4	38.3
32		36.9	37.6	38.6	38.9	38.2	29.6	30.1	32.1	33.2	33.8	33.8	34.8
34		33.5	34.3	35.3	35.5	35.0	26.5	27.0	29.0	30.0	30.7	30.7	31.6
36		30.6	31.3	32.3	32.5	32.2	23.8	24.3	26.2	27.3	27.9	27.9	28.8
38		28.0	28.7	29.7	29.9	29.6	21.4	21.9	23.8	24.8	25.4	25.5	26.3
40		25.7	26.4	27.3	27.6	27.3	19.3	19.7	21.6	22.6	23.3	23.3	24.1
45		20.8	21.5	22.4	22.6	22.6	14.8	15.2	17.0	18.0	18.7	18.7	19.5
50		17.0	17.7	18.6	18.8	18.8	11.2	11.6	13.4	14.4	15.0	15.0	15.9
55		13.9	14.6	15.5	15.7	15.8	8.3	8.7	10.5	11.5	12.1	12.1	12.9
60		11.4	12.1	12.9	13.1	13.3	5.6	6.2	8.1	9.0	9.6	9.7	10.5
65		9.2	9.9	10.7	10.9	11.1	3.0	3.6	5.9	7.0	7.6	7.6	8.4
70		7.4	8.1	8.9	9.0	9.3			3.7	5.0	5.7	5.8	6.7
75		5.8	6.5	7.4	7.5	7.7				3.1	3.7	3.8	4.9
80		4.2	5.1	6.0	6.2	6.4					2.2	2.3	3.1
85		2.6	3.5	4.7	5.0	5.2							
90			2.3	3.3	3.6	3.9							
95					2.4	2.6							
99													

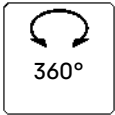
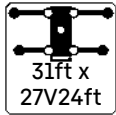
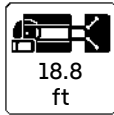
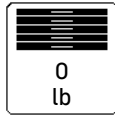
	1	0+	0+	0+	0+	0+	45+	0+	0+	0+	0+	0+	0+
	2	0+	0+	0+	0+	0+	45+	90+	0+	45+	0+	0+	0+
	3	0+	0+	0+	0+	0+	45+	45+	90+	45+	90+	45+	45+
	4	90+	45+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+
	5	45+	90+	45+	90+	100+	45+	45+	45+	45+	45+	90+	45+
	6	45+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	100+	45+	45+	45+	90+	90+	45+	90+
	EST1	3x	3x	3x	3x	2x	2x	2x	2x	3x	3x	3x	3x

TS: T S-13ft



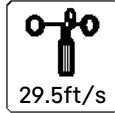
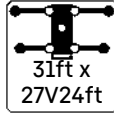
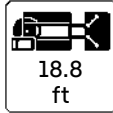
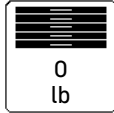
ft	x1000lb												
	134.2	133.9	133.9	134.0	146.6	146.6	146.9	146.6	146.6	146.7	147.2	146.9	
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26	47.7	48.3	48.7	49.6					40.9				
28	42.8	43.4	43.8	44.7	32.8	33.8	36.5	36.5	37.3	38.2	38.3	39.2	
30	38.8	39.4	39.7	40.6	29.2	30.1	32.7	32.7	33.5	34.4	34.5	35.4	
32	35.2	35.8	36.1	37.0	26.0	26.9	29.5	29.5	30.2	31.1	31.2	32.1	
34	32.1	32.6	33.0	33.8	23.1	24.0	26.5	26.5	27.3	28.2	28.3	29.1	
36	29.3	29.8	30.2	31.0	20.5	21.4	23.9	23.9	24.7	25.5	25.6	26.4	
38	26.8	27.3	27.6	28.4	18.3	19.2	21.7	21.7	22.4	23.2	23.4	24.1	
40	24.6	25.1	25.5	26.2	16.3	17.2	19.6	19.6	20.3	21.2	21.3	22.1	
45	20.0	20.5	20.8	21.6	12.0	12.9	15.3	15.3	16.0	16.8	16.9	17.7	
50	16.3	16.8	17.1	17.9	8.6	9.5	11.8	11.8	12.5	13.3	13.4	14.2	
55	13.3	13.8	14.1	14.9	5.4	6.6	9.0	9.0	9.7	10.5	10.6	11.3	
60	10.9	11.4	11.6	12.4		3.5	6.7	6.6	7.3	8.1	8.2	8.9	
65	8.8	9.3	9.6	10.3			4.1	4.0	5.0	6.1	6.2	6.9	
70	7.0	7.5	7.8	8.6					2.8	3.8	3.9	5.0	
75	5.4	6.0	6.3	7.0							2.3	3.0	
80	3.7	4.4	4.8	5.7									
85	2.3	2.8	3.2	4.3									
90				2.9									
95													
99													
	1	0+	0+	0+	0+	90+	45+	0+	45+	0+	0+	0+	0+
	2	0+	0+	0+	0+	45+	90+	45+	45+	90+	45+	0+	0+
	3	0+	45+	0+	0+	45+	45+	90+	45+	45+	90+	90+	90+
	4	90+	45+	90+	45+	45+	45+	90+	45+	45+	45+	90+	90+
	5	90+	45+	45+	90+	45+	45+	45+	45+	45+	45+	90+	45+
	6	90+	90+	90+	90+	45+	45+	45+	45+	45+	45+	45+	45+
	7	45+	90+	90+	90+	45+	45+	45+	90+	90+	90+	45+	90+
	EST1	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft



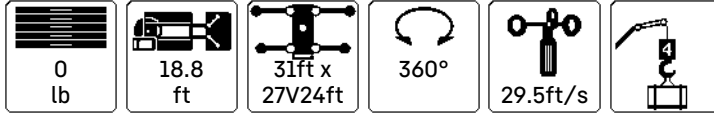
		x1000lb											
ft		146.9	147.4	147.1	147.2	147.2	159.0	159.6	159.6	159.9	159.6	159.7	160.2
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
22													
24													
26													
28		39.8	40.1	41.0	41.5	42.1							
30		36.0	36.3	37.2	37.7	38.3			29.3		30.2		
32		32.6	33.0	33.8	34.3	35.0	33.8	23.6	26.3	27.0	27.2	28.2	28.8
34		29.7	30.0	30.8	31.3	32.0	31.0	20.9	23.6	24.2	24.5	25.4	26.0
36		27.0	27.4	28.2	28.7	29.3	28.4	18.5	21.1	21.8	22.0	22.9	23.5
38		24.7	25.1	25.9	26.3	26.9	26.2	16.4	19.0	19.6	19.8	20.8	21.4
40		22.6	23.0	23.8	24.2	24.8	24.1	14.5	17.0	17.7	17.9	18.8	19.4
45		18.2	18.6	19.3	19.8	20.4	19.8	10.4	12.9	13.5	13.7	14.7	15.2
50		14.7	15.0	15.8	16.2	16.8	16.4	7.0	9.6	10.2	10.4	11.3	11.9
55		11.9	12.2	12.9	13.4	13.9	13.6		6.8	7.5	7.7	8.6	9.2
60		9.5	9.8	10.5	11.0	11.5	11.3		4.0	4.8	5.1	6.2	6.8
65		7.5	7.8	8.5	9.0	9.5	9.3					3.7	4.5
70		5.7	6.1	6.8	7.2	7.8	7.6						2.5
75		3.8	4.2	5.2	5.7	6.3	6.1						
80		2.3	2.6	3.5	4.1	4.9	4.7						
85					2.6	3.3	3.1						
90													
95													
99													
	1	0+	0+	0+	0+	0+	0+	90+	90+	0+	45+	0+	0+
	2	45+	0+	0+	0+	0+	0+	90+	45+	90+	90+	90+	45+
	3	45+	45+	45+	45+	0+	0+	45+	45+	90+	45+	90+	90+
	4	45+	90+	90+	45+	90+	100+	45+	45+	90+	45+	45+	90+
	5	45+	90+	45+	90+	90+	100+	45+	45+	45+	45+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	45+	45+	45+	45+
	7	90+	45+	90+	90+	90+	100+	45+	90+	45+	90+	90+	45+
	EST1	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x	2x

TS: T S-13ft



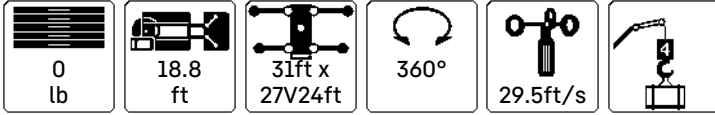
		x1000lb											
		159.9	159.9	159.9	160.6	160.2	160.2	160.4	172.6	172.9	172.8	172.9	173.3
10	ft												
11	ft												
12	ft												
13	ft												
14	ft												
15	ft												
16	ft												
17	ft												
18	ft												
19	ft												
20	ft												
22	ft												
24	ft												
26	ft												
28	ft												
30	ft	32.2		32.7			34.5						
32	ft	29.2	29.5	29.6	30.5	31.3	31.4	32.8				25.8	
34	ft	26.4	26.7	26.8	27.7	28.5	28.6	30.0	21.5	21.7	22.8	23.3	23.5
36	ft	23.9	24.2	24.3	25.2	25.9	26.0	27.4	19.2	19.4	20.5	20.9	21.2
38	ft	21.7	22.1	22.2	23.0	23.7	23.9	25.3	17.1	17.3	18.4	18.9	19.1
40	ft	19.8	20.1	20.2	21.0	21.7	21.9	23.2	15.3	15.5	16.6	17.0	17.3
45	ft	15.6	15.9	16.0	16.8	17.5	17.6	19.0	11.3	11.5	12.6	13.0	13.2
50	ft	12.2	12.6	12.6	13.4	14.1	14.3	15.6	8.2	8.4	9.4	9.9	10.1
55	ft	9.5	9.8	9.9	10.7	11.4	11.5	12.8	5.0	5.3	6.7	7.2	7.4
60	ft	7.2	7.5	7.6	8.4	9.1	9.2	10.5			3.8	4.4	4.7
65	ft	5.0	5.4	5.5	6.4	7.1	7.3	8.5					
70	ft	2.8	3.1	3.2	4.3	5.3	5.5	6.8					
75	ft				2.6	3.3	3.6	5.3					
80	ft							3.6					
85	ft							2.3					
90	ft												
95	ft												
99	ft												
	1	45+	0+	0+	0+	0+	0+	0+	90+	45+	45+	90+	0+
	2	45+	45+	90+	0+	0+	45+	0+	90+	90+	90+	45+	90+
	3	45+	90+	45+	90+	90+	45+	45+	45+	90+	90+	45+	90+
	4	45+	90+	45+	90+	90+	45+	90+	45+	90+	45+	45+	90+
	5	45+	45+	45+	90+	45+	90+	90+	45+	45+	45+	45+	90+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	90+	45+	90+	90+	90+	90+	45+	90+	90+	45+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	2x	2x

TS: T S-13ft



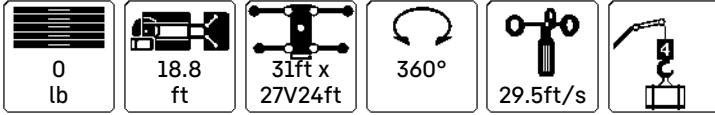
	ft	x1000lb											
		172.9	172.9	173.6	173.2	173.3	173.4	173.6	185.9	185.8	186.3	185.9	185.9
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32	26.6			28.4								
	34	24.1	24.2	25.9	25.9	26.6	27.5	27.8					
	36	21.7	21.9	23.5	23.5	24.2	25.1	25.3		17.9		19.4	
	38	19.7	19.8	21.4	21.4	22.1	23.0	23.3	14.9	15.9	16.9	17.4	17.5
	40	17.8	17.9	19.5	19.5	20.2	21.1	21.4	13.2	14.2	15.2	15.7	15.8
	45	13.8	13.9	15.5	15.5	16.1	17.0	17.3	9.4	10.4	11.4	11.9	11.9
	50	10.6	10.7	12.3	12.3	12.9	13.8	14.0	5.9	7.2	8.3	8.8	8.9
	55	8.0	8.1	9.7	9.6	10.3	11.1	11.3		3.9	5.3	6.0	6.2
	60	5.5	5.6	7.4	7.4	8.0	8.9	9.1			2.8	3.3	3.4
	65	3.2	3.3	5.4	5.4	6.1	7.0	7.2					
	70			3.2	3.1	4.0	5.2	5.6					
	75					2.4	3.2	3.6					
	80							2.2					
	85												
	90												
	95												
	99												
	1	45+	0+	0+	45+	0+	0+	0+	90+	90+	45+	90+	45+
	2	90+	90+	45+	45+	45+	45+	0+	90+	90+	90+	90+	90+
	3	45+	90+	90+	45+	90+	45+	90+	90+	90+	90+	45+	90+
	4	45+	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+
	5	45+	45+	90+	90+	45+	90+	90+	45+	45+	90+	45+	45+
	6	90+	45+	90+	90+	90+	90+	90+	45+	45+	45+	90+	45+
	7	90+	90+	45+	90+	90+	90+	90+	45+	90+	45+	90+	90+
	EST1	2x	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x

TS: T S-13ft



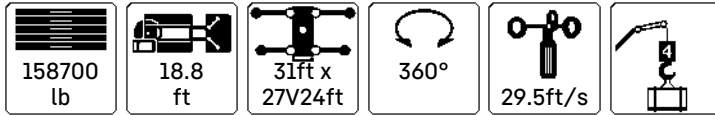
		x1000lb											
		ft											
	ft	186.6	186.6	186.3	186.4	186.6	188.3	199.3	198.9	199.6	199.6	199.3	199.4
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36	20.9			22.4								
	38	18.9	19.3	19.9	20.3	21.4	22.3						17.9
	40	17.2	17.5	18.1	18.6	19.6	20.5	13.3	13.9	14.8	15.5	16.1	16.1
	45	13.3	13.6	14.2	14.7	15.7	16.6	9.7	10.3	11.2	11.8	12.4	12.5
	50	10.3	10.6	11.2	11.6	12.6	13.5	6.5	7.2	8.3	8.9	9.4	9.5
	55	7.7	8.0	8.6	9.0	10.0	10.9		4.0	5.3	6.3	7.0	7.0
	60	5.2	5.7	6.4	6.9	7.9	8.7				3.6	4.3	4.4
	65	2.9	3.2	4.0	4.6	6.0	6.9					2.3	2.4
	70				2.7	4.0	5.2						
	75						3.2						
	80												
	85												
	90												
	95												
	99												
	1	45+	0+	0+	45+	0+	0+	90+	90+	90+	45+	45+	90+
	2	45+	90+	90+	45+	45+	0+	90+	90+	45+	90+	90+	45+
	3	90+	90+	90+	45+	90+	100+	90+	90+	90+	90+	90+	45+
	4	90+	90+	90+	90+	90+	100+	90+	90+	90+	90+	90+	90+
	5	90+	90+	45+	90+	90+	100+	90+	45+	90+	90+	45+	90+
	6	90+	90+	90+	90+	90+	100+	45+	45+	90+	90+	90+	90+
	7	45+	45+	90+	90+	90+	100+	45+	90+	45+	45+	90+	90+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-13ft



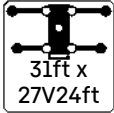
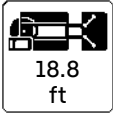
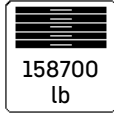
	ft	x1000lb											
		199.6	199.6	212.6	212.3	212.6	212.6	217.2	225.6	230.2	237.4	243.2	
	10												
	11												
	12												
	13												
	14												
	15												
	16												
	17												
	18												
	19												
	20												
	22												
	24												
	26												
	28												
	30												
	32												
	34												
	36												
	38												
	40	17.3	17.6										
	45	13.6	13.9	9.9	10.4	11.5	12.1	13.1					
	50	10.6	10.9	6.8	7.5	8.6	9.2	10.2	7.4	9.0	7.6	6.9	
	55	8.1	8.4		4.4	6.0	6.8	7.8	4.4	6.8	4.9	4.3	
	60	5.9	6.2			3.4	4.2	5.6		4.2	2.8		
	65	3.5	3.9					3.4					
	70												
	75												
	80												
	85												
	90												
	95												
	99												
	1	45+	0+	90+	90+	90+	45+	0+	90+	45+	90+	90+	
	2	45+	90+	90+	90+	45+	90+	100+	90+	100+	90+	100+	
	3	90+	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	4	90+	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	5	90+	90+	90+	45+	90+	90+	100+	90+	100+	100+	100+	
	6	90+	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	7	90+	90+	45+	90+	90+	90+	100+	90+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TS: T S-36ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	19	61.0											
	20	58.8											
	25	49.4											
	30	42.3	59.6	56.9									
	35	36.9	55.7	53.8	53.1	50.5	49.3						
	40	32.5	52.1	50.7	50.2	48.1	47.0	44.5	42.6	28.9			
	45	29.0	48.9	47.9	47.4	45.8	44.8	43.1	41.5	27.7	38.4	35.2	26.8
	50	26.1	46.1	45.4	45.0	43.7	42.8	41.5	40.1	26.5	37.7	34.0	25.8
	60	21.7	41.0	41.0	40.6	39.9	39.2	38.5	36.8	24.0	35.1	31.5	23.7
	70	18.7	36.4	36.9	36.6	36.5	35.8	35.5	33.4	21.7	32.2	29.1	21.6
	80		32.7	33.3	33.0	33.3	32.7	32.8	30.3	19.7	29.5	26.8	19.7
	90		29.5	30.4	30.2	30.5	30.0	30.2	27.4	17.9	27.1	24.6	18.1
	100		26.9	27.8	27.6	28.2	27.2	27.7	24.7	16.4	24.7	22.4	16.6
	110		24.7	25.6	25.5	26.1	24.5	25.2	22.2	15.0	22.5	20.2	15.3
	120		22.8	23.7	23.6	24.2	22.1	22.9	20.0	13.8	20.4	18.2	14.1
	130		21.2	22.1	22.0	21.3	20.0	20.6	18.1	12.7	18.6	16.5	13.1
	140		19.8	19.0	19.6	18.2	18.1	18.1	16.4	11.7	17.0	14.9	12.1
	150		18.0	16.4	17.0	15.6	16.4	15.5	14.9	10.8	15.3	13.5	11.2
	170			11.9	12.5	11.3	12.2	11.0	12.2	9.3	11.0	11.2	9.7
	190					4.3	5.3	8.0	9.1	8.1	8.0	9.2	8.6
	210										5.3	6.5	7.6
	230												
	250												
	260												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	3x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x

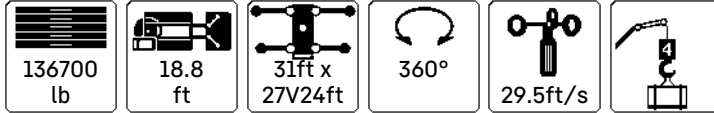
TS: T S-36ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
19													
20													
25													
30													
35													
40													
45	32.2	29.1	25.5										
50	31.7	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6				
60	30.1	26.4	22.9	25.2	22.2	16.5	19.6	15.5	15.1	14.3	14.0		
70	28.1	24.6	21.1	23.7	20.6	15.6	18.6	14.8	14.5	13.8	13.5		
80	26.2	22.7	19.4	22.1	19.1	14.6	17.6	14.0	13.7	13.1	12.9		
90	24.2	21.0	17.9	20.6	17.7	13.6	16.5	13.1	13.0	12.5	12.3		
100	22.1	19.5	16.5	19.2	16.5	12.7	15.5	12.4	12.3	11.8	11.7		
110	20.1	18.0	15.3	17.8	15.4	11.9	14.5	11.6	11.5	11.2	11.0		
120	18.4	16.5	14.2	16.6	14.3	11.1	13.6	10.9	10.9	10.5	10.4		
130	16.7	15.1	13.2	15.3	13.4	10.3	12.8	10.2	10.2	9.9	9.8		
140	15.3	13.8	12.2	13.9	12.5	9.5	12.1	9.5	9.7	9.4	9.3		
150	13.9	12.5	11.2	12.8	11.6	8.7	11.4	8.8	9.2	8.7	8.7		
170	11.1	10.3	9.3	10.7	9.8	7.4	9.9	7.6	8.4	7.6	7.6		
190	8.2	8.8	8.0	8.4	8.4	6.2	8.7	6.5	7.6	6.6	6.4		
210	5.7	7.2	6.8	6.1	7.3	5.1	6.8	5.5	6.8	5.6	5.2		
230			3.1	4.0	5.6	4.1	4.7	4.5	4.9	4.7	4.1		
250							2.6	3.8	3.1	2.9	2.7		
260									2.3				

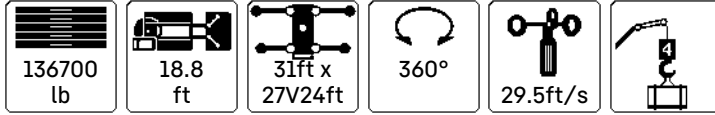
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

TS: T S-36ft



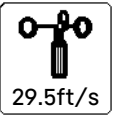
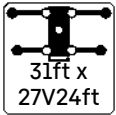
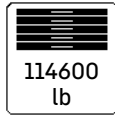
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	11	77.5											
	12	77.5											
	14	74.0											
	16	68.4											
	18	63.4											
	20	58.8											
	25	49.4											
	30	42.3	59.6	56.9									
	35	36.9	55.7	53.8	53.1	50.5	49.3						
	40	32.5	52.1	50.7	50.2	48.1	47.0	44.5	42.6	28.9			
	45	29.0	48.9	47.9	47.4	45.8	44.8	43.1	41.5	27.7	38.4	35.2	26.8
	50	26.1	46.1	45.4	45.0	43.7	42.8	41.5	40.1	26.5	37.7	34.0	25.8
	60	21.7	41.0	41.0	40.6	39.9	39.2	38.5	36.8	24.0	35.1	31.5	23.7
	70	18.7	36.4	36.9	36.6	36.5	35.8	35.5	33.4	21.7	32.2	29.1	21.6
	80		32.7	33.3	33.0	33.3	32.7	32.8	30.3	19.7	29.5	26.8	19.7
	90		29.5	30.4	30.2	30.5	30.0	30.2	27.4	17.9	27.1	24.6	18.1
	100		26.9	27.8	27.6	28.2	27.2	27.6	24.7	16.4	24.7	22.4	16.6
	110		24.7	25.2	25.5	24.6	24.5	24.1	22.2	15.0	22.5	20.2	15.3
	120		22.8	21.3	22.0	20.6	21.5	20.5	20.0	13.8	20.1	18.2	14.1
	130		19.6	18.0	18.7	17.3	18.2	17.1	18.0	12.7	17.0	16.5	13.1
	140		16.8	15.3	15.9	14.4	15.3	14.2	15.4	11.7	14.1	14.9	12.1
	150		14.5	12.8	13.4	12.0	12.9	11.8	12.9	10.8	11.7	13.0	11.2
	170			9.2	9.7	8.4	9.2	8.2	9.2	9.3	8.2	9.3	9.7
	190					4.3	5.3	5.4	6.5	8.1	5.3	6.7	8.6
	210										3.1	4.4	7.1
	230												
	247												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	3x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x

TS: T S-36ft



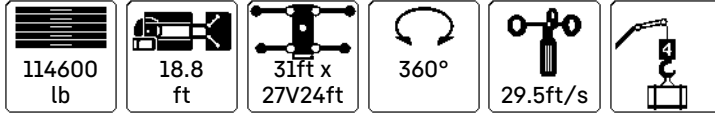
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
11												
12												
14												
16												
18												
20												
25												
30												
35												
40												
45		32.2	29.1	25.5								
50		31.7	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6		
60		30.1	26.4	22.9	25.2	22.2	16.5	19.6	15.5	15.1	14.3	14.0
70		28.1	24.6	21.1	23.7	20.6	15.6	18.6	14.8	14.5	13.8	13.5
80		26.2	22.7	19.4	22.1	19.1	14.6	17.6	14.0	13.7	13.1	12.9
90		24.2	21.0	17.9	20.6	17.7	13.6	16.5	13.1	13.0	12.5	12.3
100		22.1	19.5	16.5	19.2	16.5	12.7	15.5	12.4	12.3	11.8	11.7
110		20.1	18.0	15.3	17.8	15.4	11.9	14.5	11.6	11.5	11.2	11.0
120		18.4	16.5	14.2	16.6	14.3	11.1	13.6	10.9	10.9	10.5	10.4
130		16.7	15.1	13.2	15.3	13.4	10.3	12.8	10.2	10.2	9.9	9.8
140		14.3	13.8	12.2	13.9	12.5	9.5	12.1	9.5	9.7	9.4	9.3
150		11.8	12.5	11.2	12.1	11.6	8.7	11.4	8.8	9.2	8.7	8.7
170		8.3	9.5	9.3	8.6	9.8	7.4	9.2	7.6	8.4	7.6	7.6
190		5.6	7.0	8.0	6.0	7.4	6.2	6.7	6.5	6.8	6.5	6.3
210		3.3	4.8	6.1	3.7	5.2	5.1	4.4	5.4	4.6	4.4	4.2
230				3.1		3.4	4.1	2.5	3.5	2.7	2.5	2.3
247							2.2					
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TS: T S-36ft



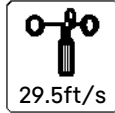
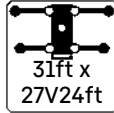
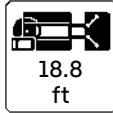
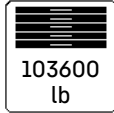
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
11	77.5												
12	77.5												
14	74.0												
16	68.4												
18	63.4												
20	58.8												
25	49.4												
30	42.3	59.6	56.9										
35	36.9	55.7	53.8	53.1	50.5	49.3							
40	32.5	52.1	50.7	50.2	48.1	47.0	44.5	42.6	28.9				
45	29.0	48.9	47.9	47.4	45.8	44.8	43.1	41.5	27.7	38.4	35.2	26.8	
50	26.1	46.1	45.4	45.0	43.7	42.8	41.5	40.1	26.5	37.7	34.0	25.8	
60	21.7	41.0	41.0	40.6	39.9	39.2	38.5	36.8	24.0	35.1	31.5	23.7	
70	18.7	36.4	36.9	36.6	36.5	35.8	35.5	33.4	21.7	32.2	29.1	21.6	
80		32.7	33.3	33.0	33.2	32.7	32.5	30.3	19.7	29.5	26.8	19.7	
90		29.5	30.1	30.2	28.7	29.4	27.8	27.4	17.9	27.0	24.6	18.1	
100		26.6	25.0	25.6	23.9	24.9	23.2	24.3	16.4	22.6	22.4	16.6	
110		22.2	20.6	21.3	19.8	20.8	19.4	20.6	15.0	18.9	20.2	15.3	
120		18.6	17.0	17.6	16.1	17.1	16.0	17.2	13.8	15.8	17.1	14.1	
130		15.6	13.9	14.6	13.1	14.0	12.9	14.1	12.7	12.8	14.2	13.1	
140		13.0	11.4	12.0	10.5	11.5	10.4	11.5	11.7	10.3	11.6	12.1	
150		10.9	9.4	9.9	8.7	9.5	8.5	9.5	10.8	8.5	9.6	11.2	
170			6.3	7.0	5.5	6.5	5.3	6.5	9.3	5.4	6.7	8.9	
190					3.1	4.1	2.8	4.0	7.4	2.8	4.1	6.8	
210												4.8	
230													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	3x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x

TS: T S-36ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	11												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	32.2	29.1	25.5									
	50	31.7	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6			
	60	30.1	26.4	22.9	25.2	22.2	16.5	19.6	15.5	15.1	14.3	14.0	
	70	28.1	24.6	21.1	23.7	20.6	15.6	18.6	14.8	14.5	13.8	13.5	
	80	26.2	22.7	19.4	22.1	19.1	14.6	17.6	14.0	13.7	13.1	12.9	
	90	24.2	21.0	17.9	20.6	17.7	13.6	16.5	13.1	13.0	12.5	12.3	
	100	21.8	19.5	16.5	19.2	16.5	12.7	15.5	12.4	12.3	11.8	11.7	
	110	18.5	18.0	15.3	17.7	15.4	11.9	14.5	11.6	11.5	11.2	11.0	
	120	15.6	16.5	14.2	15.5	14.3	11.1	13.6	10.9	10.9	10.5	10.4	
	130	13.0	14.5	13.2	13.1	13.4	10.3	12.8	10.2	10.2	9.9	9.8	
	140	10.5	11.9	12.2	10.8	12.3	9.5	11.4	9.5	9.7	9.4	9.3	
	150	8.6	9.8	11.1	8.9	10.2	8.7	9.5	8.8	9.2	8.7	8.6	
	170	5.6	7.0	8.1	6.0	7.3	7.4	6.7	7.4	6.7	6.3	6.1	
	190	3.0	4.5	5.9	3.4	5.0	5.9	4.2	5.2	4.3	4.1	3.8	
	210		2.4	3.8		2.9	3.8		3.1	2.3			
	230			2.3									
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

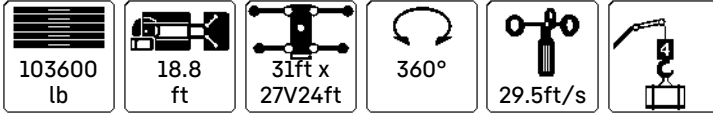
TS: T S-36ft



		x1000lb											
ft													
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
11	77.5												
12	77.5												
14	74.0												
16	68.4												
18	63.4												
20	58.8												
25	49.4												
30	42.3	59.6	56.9										
35	36.9	55.7	53.8	53.1	50.5	49.3							
40	32.5	52.1	50.7	50.2	48.1	47.0	44.5	42.6	28.9				
45	29.0	48.9	47.9	47.4	45.8	44.8	43.1	41.5	27.7	38.4	35.2	26.8	
50	26.1	46.1	45.4	45.0	43.7	42.8	41.5	40.1	26.5	37.7	34.0	25.8	
60	21.7	41.0	41.0	40.6	39.9	39.2	38.5	36.8	24.0	35.1	31.5	23.7	
70	18.7	36.4	36.9	36.6	36.5	35.8	35.5	33.4	21.7	32.2	29.1	21.6	
80		32.7	32.8	33.0	31.1	32.1	30.2	30.2	19.7	28.8	26.8	19.7	
90		29.0	27.1	27.7	25.6	26.5	24.8	26.0	17.9	24.0	24.6	18.1	
100		23.8	22.2	22.9	21.1	22.1	20.5	21.7	16.4	19.9	21.2	16.6	
110		19.7	18.0	18.6	17.1	18.1	16.9	18.1	15.0	16.4	17.8	15.3	
120		16.2	14.6	15.2	13.7	14.6	13.5	14.7	13.8	13.4	14.8	14.1	
130		13.4	11.7	12.3	10.9	11.8	10.7	11.9	12.7	10.6	12.0	13.1	
140		11.0	9.5	10.0	8.8	9.5	8.7	9.6	11.7	8.6	9.7	12.1	
150		9.2	7.8	8.4	7.1	7.9	7.0	8.0	10.8	6.9	8.1	10.3	
170			4.8	5.4	4.0	4.9	3.8	5.0	8.2	3.8	5.2	7.6	
190						2.7		2.6	6.2		2.8	5.4	
210												3.6	
217												3.1	

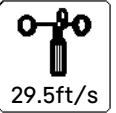
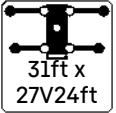
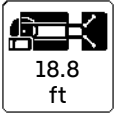
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	3x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x

TS: T S-36ft



	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	11											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45	32.2	29.1	25.5								
	50	31.7	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6		
	60	30.1	26.4	22.9	25.2	22.2	16.5	19.6	15.5	15.1	14.3	14.0
	70	28.1	24.6	21.1	23.7	20.6	15.6	18.6	14.8	14.5	13.8	13.5
	80	26.2	22.7	19.4	22.1	19.1	14.6	17.6	14.0	13.7	13.1	12.9
	90	23.5	21.0	17.9	20.6	17.7	13.6	16.5	13.1	13.0	12.5	12.3
	100	19.5	19.5	16.5	19.0	16.5	12.7	15.5	12.4	12.3	11.8	11.7
	110	16.1	17.6	15.3	16.0	15.4	11.9	14.5	11.6	11.5	11.2	11.0
	120	13.4	14.9	14.2	13.3	14.3	11.1	13.5	10.9	10.9	10.5	10.4
	130	10.8	12.3	13.2	11.0	12.6	10.3	11.5	10.2	10.2	9.9	9.8
	140	8.7	10.0	11.3	9.0	10.3	9.5	9.6	9.5	9.3	9.1	8.8
	150	7.1	8.3	9.4	7.3	8.6	8.7	7.9	8.7	7.9	7.5	7.2
	170	4.1	5.6	6.8	4.5	6.0	6.8	5.1	6.0	5.1	4.8	4.6
	190		3.1	4.5		3.6	4.6	2.8	3.8	3.0	2.7	2.4
	210			2.6			2.6					
	217											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

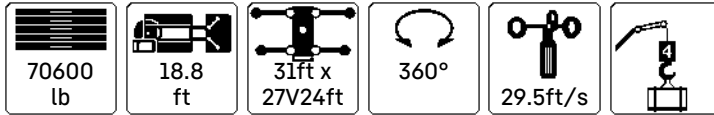
TS: T S-36ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	11												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	32.2	29.1	25.5									
	50	31.7	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6			
	60	30.1	26.4	22.9	25.2	22.2	16.5	19.6	15.5	15.1	14.3	14.0	
	70	28.1	24.6	21.1	23.7	20.6	15.6	18.6	14.8	14.5	13.8	13.5	
	80	25.2	22.7	19.4	22.1	19.1	14.6	17.6	14.0	13.7	13.1	12.9	
	90	20.6	21.0	17.9	19.9	17.7	13.6	16.5	13.1	13.0	12.5	12.3	
	100	16.9	18.4	16.5	16.7	16.5	12.7	15.5	12.4	12.3	11.8	11.7	
	110	13.8	15.3	15.3	13.7	15.2	11.9	14.0	11.6	11.5	11.2	11.0	
	120	11.1	12.7	13.9	11.2	12.8	11.1	11.7	10.9	10.8	10.5	10.3	
	130	8.9	10.2	11.5	9.1	10.5	10.3	9.6	10.2	9.5	9.1	8.8	
	140	7.1	8.3	9.5	7.2	8.7	9.4	7.8	8.7	7.7	7.4	7.1	
	150	5.4	6.8	7.9	5.6	7.1	8.0	6.2	7.1	6.2	5.8	5.6	
	170	2.5	4.1	5.4	2.9	4.6	5.5	3.6	4.5	3.6	3.3	3.1	
	190			3.2		2.2	3.2		2.5				
	210												
	212												

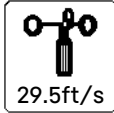
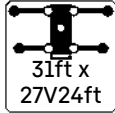
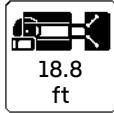
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

TS: T S-36ft



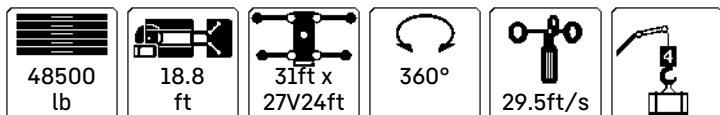
		x1000lb												
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
11		77.5												
12		77.5												
14		74.0												
16		68.4												
18		63.4												
20		58.8												
25		49.4												
30		42.3	59.6	56.9										
35		36.9	55.7	53.8	53.1	50.5	49.3							
40		32.5	52.1	50.7	50.2	48.1	47.0	44.5	42.6	28.9				
45		29.0	48.9	47.9	47.4	45.8	44.8	43.1	41.5	27.7	38.4	35.2	26.8	
50		26.1	46.1	45.4	45.0	43.6	42.8	41.5	40.1	26.5	37.7	34.0	25.8	
60		21.7	38.4	35.5	36.2	33.7	34.8	32.8	34.1	24.0	31.5	31.5	23.7	
70		18.7	30.3	27.8	28.5	26.2	27.3	25.5	26.8	21.7	24.6	26.0	21.6	
80			24.3	21.9	22.6	20.5	21.6	20.0	21.4	19.7	19.4	20.8	19.7	
90			19.5	17.4	18.1	16.1	17.2	15.6	17.0	17.9	15.2	16.6	18.1	
100			15.2	13.6	14.2	12.5	13.5	12.1	13.5	16.4	11.8	13.3	16.1	
110			11.9	10.3	10.8	9.5	10.3	9.2	10.4	14.1	9.0	10.5	13.2	
120			9.3	8.0	8.5	7.2	8.0	6.9	8.1	11.3	6.7	8.2	10.5	
130			7.5	6.0	6.6	5.2	6.2	4.9	6.2	9.3	4.6	6.2	8.6	
140			5.8	4.2	4.8	3.4	4.4	3.1	4.5	7.7	2.8	4.5	7.1	
150			4.2	2.6	3.3		2.8		2.9	6.4		3.0	5.8	
170										4.1			3.4	
189										2.2				
%		1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%		2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%		3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%		4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%		5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%		6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%		7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1		4x	3x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x

TS: T S-36ft



		x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	ft												
	11												
	12												
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45	32.2	29.1	25.5									
	50	31.7	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6			
	60	30.0	26.4	22.9	25.2	22.2	16.5	19.6	15.5	15.1	14.3	14.0	
	70	23.8	24.5	21.1	23.2	20.6	15.6	18.6	14.8	14.5	13.8	13.5	
	80	18.8	20.3	19.4	18.5	19.1	14.6	17.6	14.0	13.7	13.1	12.9	
	90	14.9	16.4	17.6	14.7	16.3	13.6	15.0	13.1	13.0	12.5	12.3	
	100	11.7	13.2	14.7	11.6	13.2	12.7	12.0	12.3	11.5	11.1	11.0	
	110	9.0	10.6	12.0	9.0	10.6	11.5	9.6	10.4	9.3	9.0	8.7	
	120	6.7	8.4	9.6	6.9	8.5	9.5	7.5	8.3	7.3	7.0	6.7	
	130	4.7	6.4	7.8	5.0	6.7	7.7	5.7	6.6	5.6	5.2	5.0	
	140	2.9	4.8	6.2	3.3	5.1	6.1	4.1	5.0	4.1	3.8	3.5	
	150		3.3	4.8		3.7	4.7	2.5	3.7	2.6	2.3		
	170			2.3			2.3						
	189												
		1	2	3	4	5	6	7					
		90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
		90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
		90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
		90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
		45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
		45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

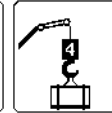
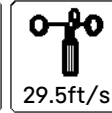
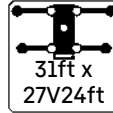
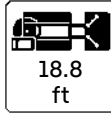
TS: T S-36ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	11	77.5											
	12	77.5											
	14	74.0											
	16	68.4											
	18	63.4											
	20	58.8											
	25	49.4											
	30	42.3	59.6	56.9									
	35	36.9	55.7	53.7	53.1	50.5	49.3						
	40	32.5	51.3	48.3	48.7	45.6	46.3	44.2	42.6	28.9			
	45	29.0	44.1	40.8	41.6	38.6	39.8	37.5	39.0	27.7	35.9	35.2	26.8
	50	26.1	37.9	34.8	35.6	32.9	34.1	31.9	33.4	26.5	30.8	32.2	25.8
	60	21.7	28.6	25.9	26.6	24.2	25.4	23.5	25.0	24.0	22.9	24.3	23.7
	70	18.7	21.9	19.5	20.2	18.1	19.2	17.5	18.9	21.7	17.0	18.6	21.3
	80		16.9	14.6	15.4	13.3	14.4	12.9	14.3	18.5	12.6	14.2	17.1
	90		12.9	10.9	11.6	9.7	10.8	9.3	10.7	14.9	9.0	10.6	13.6
	100		9.6	7.9	8.6	6.7	7.8	6.4	7.8	11.7	6.2	7.8	10.8
	110		7.3	5.5	6.2	4.3	5.4	4.0	5.4	9.1	3.8	5.4	8.4
	120		5.3	3.3	4.2		3.3		3.3	7.3		3.3	6.6
	130		3.5							5.8			4.9
	140									4.5			3.5
	150									3.1			
	170												
	171												

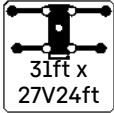
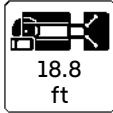
	%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	n	EST1	4x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x	2x

TS: T S-36ft



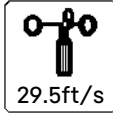
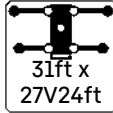
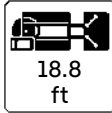
	ft	x1000lb										
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	11											
	12											
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45	32.2	29.1	25.5								
	50	29.5	28.3	24.7	26.3	23.6	17.4	20.3	16.1	15.6		
	60	22.0	23.6	22.9	21.3	22.2	16.5	19.6	15.5	15.1	14.3	14.0
	70	16.6	18.1	19.6	16.2	17.8	15.6	16.3	14.8	14.5	13.8	13.5
	80	12.4	13.9	15.4	12.2	13.8	14.4	12.5	13.3	12.1	11.6	11.3
	90	9.0	10.7	12.1	9.1	10.7	11.7	9.5	10.3	9.2	8.8	8.4
	100	6.2	8.0	9.5	6.4	8.1	9.1	7.0	7.8	6.8	6.4	6.2
	110	3.9	5.6	7.2	4.1	6.0	7.0	5.0	5.8	4.8	4.5	4.2
	120		3.6	5.3		4.1	5.2	2.9	4.1	3.0	2.5	2.2
	130			3.7			3.6		2.3			
	140											
	150											
	170											
	171											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TS: T S-36ft



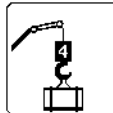
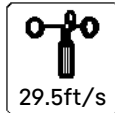
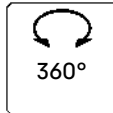
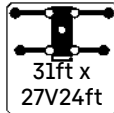
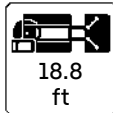
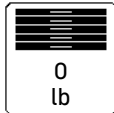
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
11	77.5												
12	77.5												
14	74.0												
16	68.4												
18	63.4												
20	58.8												
25	49.4												
30	42.3	59.6	56.9										
35	36.9	53.4	49.6	50.4	46.9	48.0							
40	32.5	44.6	41.1	41.9	38.8	40.0	37.3	38.9	28.9				
45	29.0	37.6	34.5	35.2	32.4	33.6	31.3	32.8	27.7	30.3	31.8	26.8	
50	26.1	32.0	29.1	29.9	27.3	28.4	26.4	27.8	26.5	25.5	27.1	25.8	
60	21.7	23.7	21.1	21.8	19.5	20.6	18.9	20.3	24.0	18.3	20.0	22.8	
70	18.7	17.7	15.3	16.1	14.0	15.1	13.4	14.9	19.3	13.0	14.7	17.7	
80		13.2	11.0	11.7	9.7	10.8	9.3	10.8	15.1	9.0	10.7	13.8	
90		9.7	7.7	8.4	6.5	7.6	6.1	7.5	11.8	5.8	7.4	10.6	
100		7.1	5.0	5.7	3.6	4.9	3.3	4.9	9.0	3.0	4.9	8.1	
110		4.8	2.3	3.3		2.3		2.2	7.0		2.3	6.0	
120		2.7							5.2			4.2	
130									3.7			2.4	
140													
150													
153													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	4x	3x	3x	3x	3x	3x	2x	2x	2x	2x	2x	2x

TS: T S-36ft



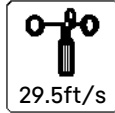
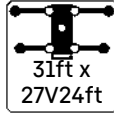
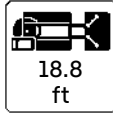
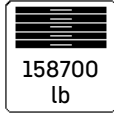
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
11													
12													
14													
16													
18													
20													
25													
30													
35													
40													
45	28.8	29.1	25.5										
50	24.5	26.1	24.7	23.6	23.6	17.4	20.3	16.1	15.6				
60	17.8	19.4	20.9	17.2	18.9	16.5	17.3	15.5	15.1	14.3	14.0		
70	12.9	14.5	16.0	12.6	14.3	15.2	12.9	13.6	12.4	11.9	11.5		
80	8.9	10.7	12.2	9.0	10.7	11.6	9.4	10.2	9.1	8.6	8.3		
90	5.9	7.6	9.3	6.1	7.9	8.9	6.7	7.5	6.5	6.1	5.8		
100	3.0	5.1	6.8	3.4	5.5	6.6	4.4	5.3	4.3	3.8	3.5		
110		2.7	4.7		3.3	4.7		3.4					
120			2.7			2.7							
130													
140													
150													
153													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x	

TS: T S-36ft



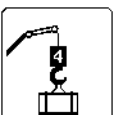
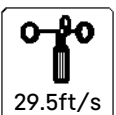
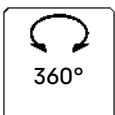
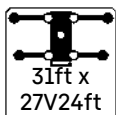
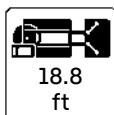
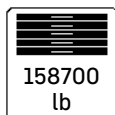
		x1000lb									
ft											
11	77.5										
12	77.5										
13	76.9										
14	74.0										
15	71.1										
16	68.4										
17	65.9										
18	63.4										
19	61.0										
20	58.8										
22	54.7										
24	51.0										
26	47.9										
28	44.9										
30	42.3										
32	40.0										
34	37.8										
36	35.9										
38	34.1										
40	32.4										
45	26.7										
50	21.7										
55	17.4										
60	14.1										
65	11.4										
70	9.4										
72	8.8										
%	1	0+									
%	2	0+									
%	3	0+									
%	4	0+									
%	5	0+									
%	6	0+									
%	7	0+									

TS: T S-59ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
22	50.7												
25	47.6												
30	42.4												
35	37.0	39.9	38.2	37.8									
40	32.5	38.0	36.7	36.3	34.4	33.5							
45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0			
50	25.9	34.4	33.5	33.2	31.8	31.1	29.4	28.3	20.0	26.4	24.9	19.2	
60	21.4	31.2	30.6	30.4	29.5	28.9	27.6	26.7	18.4	25.2	23.8	18.0	
70	18.0	28.3	28.2	28.0	27.4	26.9	25.9	25.1	16.9	23.9	22.8	16.6	
80	15.4	25.6	25.9	25.7	25.5	25.1	24.4	23.7	15.5	22.7	21.7	15.3	
90	13.4	23.2	23.6	23.5	23.6	23.3	22.9	22.3	14.2	21.6	20.2	14.1	
100		21.1	21.7	21.6	21.8	21.5	21.5	21.0	12.9	20.6	18.6	12.9	
110		19.4	19.9	19.8	20.2	20.0	20.0	19.5	11.8	19.3	17.2	11.9	
120		17.9	18.5	18.4	18.8	18.6	18.8	17.8	10.9	17.8	15.8	11.0	
130		16.6	17.2	17.1	17.6	17.4	17.6	16.1	10.0	16.3	14.5	10.2	
140		15.5	16.1	16.0	16.5	16.2	16.5	14.6	9.3	14.9	13.2	9.5	
150		14.5	15.1	15.1	15.5	14.9	15.4	13.3	8.8	13.6	11.9	8.9	
170		13.0	12.8	13.3	11.9	12.4	11.4	10.9	7.8	11.3	9.9	8.0	
190			9.6	10.0	8.8	9.5	8.4	9.2	7.0	8.3	8.4	7.2	
210					4.8	5.6	5.9	7.0	6.1	5.8	7.0	6.4	
230										3.7	5.0	5.8	
250													
270													
271													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

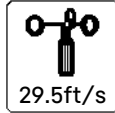
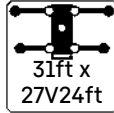
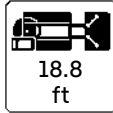
TS: T S-59ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	22												
	25												
	30												
	35												
	40												
	45												
	50	22.3	20.4	18.0									
	60	21.6	19.8	17.1	18.3	16.2	12.7	15.1	11.8	11.5	10.8	10.5	
	70	20.9	18.7	16.0	17.7	15.4	12.0	14.5	11.3	11.1	10.5	10.2	
	80	20.2	17.4	14.9	16.7	14.5	11.4	13.8	10.8	10.6	10.1	9.9	
	90	19.2	16.2	13.7	15.6	13.5	10.7	13.0	10.2	10.1	9.7	9.5	
	100	17.9	15.0	12.7	14.6	12.5	10.0	12.2	9.7	9.6	9.3	9.2	
	110	16.6	14.0	11.7	13.7	11.7	9.5	11.4	9.2	9.1	8.9	8.8	
	120	15.5	13.0	10.9	12.8	10.8	8.9	10.7	8.8	8.7	8.5	8.4	
	130	14.4	12.1	10.1	12.0	10.1	8.5	10.0	8.3	8.3	8.1	8.0	
	140	13.2	11.3	9.5	11.3	9.6	8.0	9.5	7.9	7.9	7.7	7.6	
	150	12.1	10.6	9.0	10.6	9.1	7.5	9.0	7.5	7.5	7.3	7.3	
	170	10.2	9.2	8.1	9.3	8.2	6.5	8.2	6.6	6.8	6.5	6.5	
	190	8.5	8.0	7.2	8.1	7.4	5.5	7.5	5.6	6.2	5.6	5.6	
	210	6.1	6.8	6.1	6.5	6.5	4.5	6.6	4.7	5.6	4.8	4.5	
	230	4.0	5.3	5.2	4.3	5.6	3.6	4.7	3.9	4.8	4.0	3.4	
	250			3.4	2.5	4.0	2.6	3.0	3.0	3.1	2.9	2.4	
	270								2.3				
	271								2.2				

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

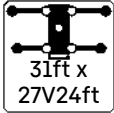
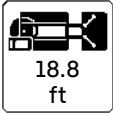
TS: T S-59ft



		x1000lb											
ft													
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
14	56.2												
16	56.2												
18	55.1												
20	52.8												
25	47.6												
30	42.4												
35	37.0	39.9	38.2	37.8									
40	32.5	38.0	36.7	36.3	34.4	33.5							
45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0			
50	25.9	34.4	33.5	33.2	31.8	31.1	29.4	28.3	20.0	26.4	24.9	19.2	
60	21.4	31.2	30.6	30.4	29.5	28.9	27.6	26.7	18.4	25.2	23.8	18.0	
70	18.0	28.3	28.2	28.0	27.4	26.9	25.9	25.1	16.9	23.9	22.8	16.6	
80	15.4	25.6	25.9	25.7	25.5	25.1	24.4	23.7	15.5	22.7	21.7	15.3	
90	13.4	23.2	23.6	23.5	23.6	23.3	22.9	22.3	14.2	21.6	20.2	14.1	
100		21.1	21.7	21.6	21.8	21.5	21.5	21.0	12.9	20.6	18.6	12.9	
110		19.4	19.9	19.8	20.2	20.0	20.0	19.5	11.8	19.3	17.2	11.9	
120		17.9	18.5	18.4	18.8	18.6	18.8	17.8	10.9	17.8	15.8	11.0	
130		16.6	17.2	17.1	17.5	17.4	17.4	16.1	10.0	16.3	14.5	10.2	
140		15.5	15.9	16.0	15.1	16.0	14.7	14.6	9.3	14.4	13.2	9.5	
150		14.5	13.6	14.1	12.7	13.5	12.2	13.1	8.8	12.0	11.9	8.9	
170		11.1	9.7	10.1	9.0	9.6	8.6	9.4	7.8	8.4	9.4	8.0	
190			7.0	7.6	6.2	7.1	5.8	6.9	7.0	5.7	6.9	7.2	
210					4.0	4.8	3.5	4.6	6.1	3.4	4.6	6.4	
230											2.8	5.3	
250													
255													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

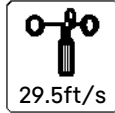
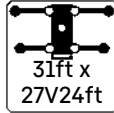
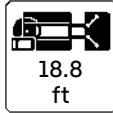
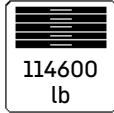
TS: T S-59ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
14	56.2												
16	56.2												
18	55.1												
20	52.8												
25	47.6												
30	42.4												
35	37.0	39.9	38.2	37.8									
40	32.5	38.0	36.7	36.3	34.4	33.5							
45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0			
50	25.9	34.4	33.5	33.2	31.8	31.1	29.4	28.3	20.0	26.4	24.9	19.2	
60	21.4	31.2	30.6	30.4	29.5	28.9	27.6	26.7	18.4	25.2	23.8	18.0	
70	18.0	28.3	28.2	28.0	27.4	26.9	25.9	25.1	16.9	23.9	22.8	16.6	
80	15.4	25.6	25.9	25.7	25.5	25.1	24.4	23.7	15.5	22.7	21.7	15.3	
90	13.4	23.2	23.6	23.5	23.6	23.3	22.9	22.3	14.2	21.6	20.2	14.1	
100		21.1	21.7	21.6	21.8	21.5	21.5	21.0	12.9	20.5	18.6	12.9	
110		19.4	19.9	19.8	20.0	20.0	19.2	19.5	11.8	18.5	17.2	11.9	
120		17.9	17.8	18.4	16.9	17.7	16.2	17.2	10.9	15.6	15.8	11.0	
130		16.3	14.8	15.3	13.9	14.7	13.4	14.5	10.0	13.1	14.3	10.2	
140		13.7	12.2	12.7	11.3	12.1	10.8	11.9	9.3	10.7	11.9	9.5	
150		11.5	10.0	10.5	9.3	10.0	8.9	9.8	8.8	8.8	9.7	8.9	
170		8.4	7.0	7.6	6.3	7.1	5.9	6.9	7.8	5.8	6.9	8.0	
190			4.5	5.0	3.7	4.5	3.3	4.3	7.0	3.1	4.4	6.9	
210						2.5		2.3	5.6		2.3	4.9	
230												3.2	
239												2.6	

1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

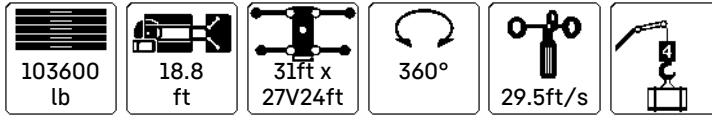
TS: T S-59ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	22.3	20.4	18.0									
	60	21.6	19.8	17.1	18.3	16.2	12.7	15.1	11.8	11.5	10.8	10.5	
	70	20.9	18.7	16.0	17.7	15.4	12.0	14.5	11.3	11.1	10.5	10.2	
	80	20.2	17.4	14.9	16.7	14.5	11.4	13.8	10.8	10.6	10.1	9.9	
	90	19.2	16.2	13.7	15.6	13.5	10.7	13.0	10.2	10.1	9.7	9.5	
	100	17.9	15.0	12.7	14.6	12.5	10.0	12.2	9.7	9.6	9.3	9.2	
	110	16.6	14.0	11.7	13.7	11.7	9.5	11.4	9.2	9.1	8.9	8.8	
	120	15.4	13.0	10.9	12.8	10.8	8.9	10.7	8.8	8.7	8.5	8.4	
	130	13.1	12.1	10.1	12.0	10.1	8.5	10.0	8.3	8.3	8.1	8.0	
	140	11.0	11.3	9.5	10.9	9.6	8.0	9.5	7.9	7.9	7.7	7.6	
	150	9.1	10.1	9.0	9.2	9.1	7.5	9.0	7.5	7.5	7.3	7.3	
	170	6.2	7.3	8.1	6.2	7.5	6.5	6.4	6.6	6.3	5.9	5.7	
	190	3.5	4.9	6.1	3.8	5.3	5.5	4.1	4.9	4.0	3.7	3.5	
	210		2.8	4.0		3.2	3.8		3.0				
	230			2.3									
	239												

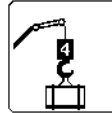
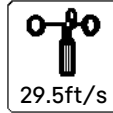
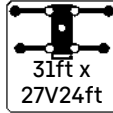
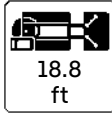
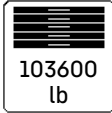
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TS: T S-59ft



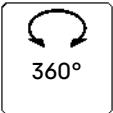
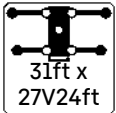
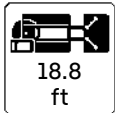
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
14	56.2												
16	56.2												
18	55.1												
20	52.8												
25	47.6												
30	42.4												
35	37.0	39.9	38.2	37.8									
40	32.5	38.0	36.7	36.3	34.4	33.5							
45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0			
50	25.9	34.4	33.5	33.2	31.8	31.1	29.4	28.3	20.0	26.4	24.9	19.2	
60	21.4	31.2	30.6	30.4	29.5	28.9	27.6	26.7	18.4	25.2	23.8	18.0	
70	18.0	28.3	28.2	28.0	27.4	26.9	25.9	25.1	16.9	23.9	22.8	16.6	
80	15.4	25.6	25.9	25.7	25.5	25.1	24.4	23.7	15.5	22.7	21.7	15.3	
90	13.4	23.2	23.6	23.5	23.6	23.3	22.9	22.3	14.2	21.6	20.2	14.1	
100		21.1	21.7	21.6	21.1	21.5	20.1	20.9	12.9	19.4	18.6	12.9	
110		19.4	18.9	19.4	17.7	18.5	16.8	17.8	11.8	16.1	17.0	11.9	
120		17.0	15.4	16.0	14.5	15.4	13.9	15.0	10.9	13.4	14.6	11.0	
130		14.1	12.6	13.1	11.7	12.5	11.2	12.2	10.0	11.0	12.2	10.2	
140		11.7	10.2	10.7	9.4	10.1	9.0	9.9	9.3	8.9	9.9	9.5	
150		9.7	8.5	8.9	7.8	8.4	7.4	8.2	8.8	7.2	8.2	8.9	
170		7.0	5.5	6.1	4.7	5.6	4.3	5.4	7.8	4.2	5.5	7.7	
190			3.1	3.7	2.3	3.1		2.9	6.3		3.0	5.6	
210									4.4			3.7	
228												2.3	
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TS: T S-59ft



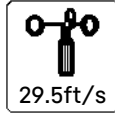
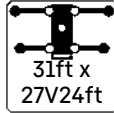
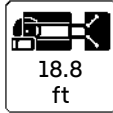
		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
14													
16													
18													
20													
25													
30													
35													
40													
45													
50		22.3	20.4	18.0									
60		21.6	19.8	17.1	18.3	16.2	12.7	15.1	11.8	11.5	10.8	10.5	
70		20.9	18.7	16.0	17.7	15.4	12.0	14.5	11.3	11.1	10.5	10.2	
80		20.2	17.4	14.9	16.7	14.5	11.4	13.8	10.8	10.6	10.1	9.9	
90		19.2	16.2	13.7	15.6	13.5	10.7	13.0	10.2	10.1	9.7	9.5	
100		17.9	15.0	12.7	14.6	12.5	10.0	12.2	9.7	9.6	9.3	9.2	
110		15.9	14.0	11.7	13.7	11.7	9.5	11.4	9.2	9.1	8.9	8.8	
120		13.4	13.0	10.9	12.7	10.8	8.9	10.7	8.8	8.7	8.5	8.4	
130		11.1	12.0	10.1	11.0	10.1	8.5	10.0	8.3	8.3	8.1	8.0	
140		9.2	10.4	9.5	9.1	9.6	8.0	9.1	7.9	7.9	7.7	7.6	
150		7.5	8.6	9.0	7.5	8.8	7.5	7.6	7.5	7.3	7.0	6.7	
170		4.6	6.0	7.0	4.7	6.1	6.5	4.9	5.6	4.8	4.5	4.2	
190			3.5	4.8	2.4	3.9	4.5	2.7	3.5	2.6	2.3		
210				2.8			2.6						
228													
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TS: T S-59ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	14	56.2											
	16	56.2											
	18	55.1											
	20	52.8											
	25	47.6											
	30	42.4											
	35	37.0	39.9	38.2	37.8								
	40	32.5	38.0	36.7	36.3	34.4	33.5						
	45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0		
	50	25.9	34.4	33.5	33.2	31.8	31.1	29.4	28.3	20.0	26.4	24.9	19.2
	60	21.4	31.2	30.6	30.4	29.5	28.9	27.6	26.7	18.4	25.2	23.8	18.0
	70	18.0	28.3	28.2	28.0	27.4	26.9	25.9	25.1	16.9	23.9	22.8	16.6
	80	15.4	25.6	25.9	25.7	25.5	25.1	24.3	23.7	15.5	22.7	21.7	15.3
	90	13.4	23.2	23.6	23.4	22.6	23.0	21.4	21.9	14.2	20.4	20.2	14.1
	100		21.1	20.0	20.5	18.6	19.4	17.6	18.6	12.9	16.8	18.0	12.9
	110		17.9	16.3	16.9	15.3	16.1	14.4	15.5	11.8	13.8	15.0	11.9
	120		14.7	13.1	13.6	12.2	13.0	11.7	12.7	10.9	11.3	12.5	11.0
	130		12.0	10.4	11.0	9.6	10.4	9.2	10.1	10.0	9.1	10.1	10.2
	140		9.8	8.5	9.0	7.8	8.5	7.4	8.3	9.3	7.2	8.3	9.5
	150		8.2	6.9	7.4	6.2	7.0	5.8	6.8	8.8	5.5	6.7	8.9
	170		5.5	4.0	4.6	3.2	4.1	2.8	3.9	7.1	2.6	4.0	6.5
	190				2.3					5.0			4.3
	210									3.2			2.5
	223									2.2			
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

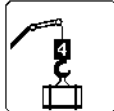
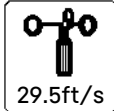
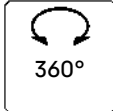
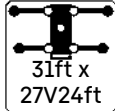
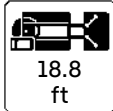
TS: T S-59ft



ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
14													
16													
18													
20													
25													
30													
35													
40													
45													
50	22.3	20.4	18.0										
60	21.6	19.8	17.1	18.3	16.2	12.7	15.1	11.8	11.5	10.8	10.5		
70	20.9	18.7	16.0	17.7	15.4	12.0	14.5	11.3	11.1	10.5	10.2		
80	20.2	17.4	14.9	16.7	14.5	11.4	13.8	10.8	10.6	10.1	9.9		
90	19.1	16.2	13.7	15.6	13.5	10.7	13.0	10.2	10.1	9.7	9.5		
100	16.8	15.0	12.7	14.6	12.5	10.0	12.2	9.7	9.6	9.3	9.2		
110	13.8	14.0	11.7	13.5	11.7	9.5	11.4	9.2	9.1	8.9	8.8		
120	11.3	12.6	10.9	11.2	10.8	8.9	10.6	8.8	8.7	8.5	8.4		
130	9.2	10.5	10.1	9.1	10.1	8.5	9.2	8.3	8.3	8.1	7.9		
140	7.4	8.7	9.4	7.3	8.8	8.0	7.4	7.8	7.3	6.9	6.6		
150	5.8	7.1	8.2	5.8	7.2	7.5	5.9	6.7	5.8	5.4	5.2		
170	3.0	4.5	5.7	3.2	4.6	5.2	3.4	4.2	3.3	3.0	2.7		
190			3.4		2.6	3.2							
210													
223													

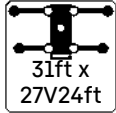
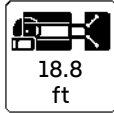
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	










TS: T S-59ft



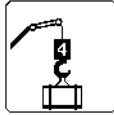
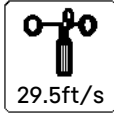
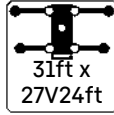
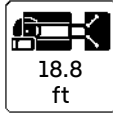
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	14	56.2											
	16	56.2											
	18	55.1											
	20	52.8											
	25	47.6											
	30	42.4											
	35	37.0	39.9	38.2	37.8								
	40	32.5	38.0	36.7	36.3	34.4	33.5						
	45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0		
	50	25.9	34.4	33.5	33.2	31.8	31.1	29.4	28.3	20.0	26.4	24.9	19.2
	60	21.4	31.2	30.6	30.4	29.5	28.9	27.6	26.7	18.4	25.2	23.8	18.0
	70	18.0	28.3	27.8	28.0	26.3	26.7	24.8	25.1	16.9	23.3	22.8	16.6
	80	15.4	24.5	22.3	22.9	20.8	21.7	19.7	20.7	15.5	18.7	19.9	15.3
	90	13.4	20.0	17.8	18.5	16.5	17.5	15.6	16.7	14.2	14.9	16.1	14.1
	100		16.1	14.3	14.9	13.0	14.0	12.3	13.4	12.9	11.7	12.9	12.9
	110		12.7	11.1	11.7	10.2	11.1	9.4	10.7	11.8	9.1	10.4	11.9
	120		10.0	8.7	9.1	7.8	8.6	7.1	8.3	10.9	6.8	8.2	10.6
	130		8.1	6.9	7.3	5.8	6.8	5.1	6.3	9.5	4.8	6.2	8.9
	140		6.5	5.1	5.6	4.1	5.0	3.4	4.6	7.9	3.0	4.5	7.3
	150		5.0	3.5	4.1	2.4	3.5		3.1	6.6		3.1	6.0
	170		2.5							4.3			3.7
	190									2.4			
	207												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x

TS: T S-59ft



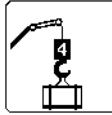
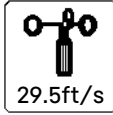
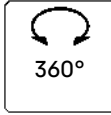
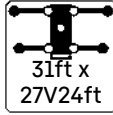
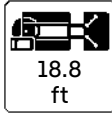
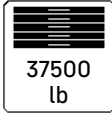
		x1000lb										
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
	14											
	16											
	18											
	20											
	25											
	30											
	35											
	40											
	45											
	50	22.3	20.4	18.0								
	60	21.6	19.8	17.1	18.3	16.2	12.7	15.1	11.8	11.5	10.8	10.5
	70	20.9	18.7	16.0	17.7	15.4	12.0	14.5	11.3	11.1	10.5	10.2
	80	18.5	17.4	14.9	16.7	14.5	11.4	13.8	10.8	10.6	10.1	9.9
	90	14.8	15.9	13.7	14.4	13.5	10.7	13.0	10.2	10.1	9.7	9.5
	100	11.7	13.1	12.7	11.5	12.5	10.0	11.4	9.7	9.6	9.3	9.2
	110	9.2	10.6	11.5	9.0	10.5	9.5	9.1	9.1	8.7	8.2	8.0
	120	7.1	8.4	9.7	7.0	8.4	8.8	7.1	7.8	6.8	6.5	6.2
	130	5.2	6.6	7.9	5.2	6.7	7.2	5.3	6.1	5.2	4.8	4.6
	140	3.5	5.0	6.3	3.7	5.2	5.7	3.9	4.6	3.7	3.4	3.1
	150		3.6	4.9		3.8	4.4	2.4	3.3	2.3		
	170			2.5								
	190											
	207											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-59ft



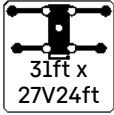
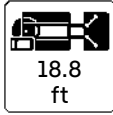
	ft	x1000lb												
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
	14	56.2												
	16	56.2												
	18	55.1												
	20	52.8												
	25	47.6												
	30	42.4												
	35	37.0	39.9	38.2	37.8									
	40	32.5	38.0	36.7	36.3	34.4	33.5							
	45	29.0	36.2	35.0	34.7	33.1	32.3	30.4	29.2	20.6	27.0			
	50	25.9	34.4	33.4	33.2	31.6	31.1	29.4	28.3	20.0	26.4	24.9	19.2	
	60	21.4	28.5	26.0	26.7	24.4	25.4	23.1	24.1	18.4	21.9	23.1	18.0	
	70	18.0	22.2	19.8	20.5	18.4	19.4	17.4	18.5	16.9	16.5	17.8	16.6	
	80	15.4	17.4	15.2	15.8	13.9	14.8	13.0	14.2	15.5	12.4	13.7	15.3	
	90	13.4	13.6	11.5	12.1	10.2	11.2	9.5	10.7	14.1	9.0	10.5	13.2	
	100		10.3	8.6	9.2	7.4	8.4	6.6	7.9	11.9	6.3	7.7	10.7	
	110		8.0	6.1	6.8	5.0	6.0	4.3	5.5	9.4	3.9	5.4	8.5	
	120		6.1	4.1	4.8	2.8	4.0		3.5	7.6		3.4	6.7	
	130		4.4		2.9					6.0			5.0	
	140		2.7							4.6			3.6	
	150									3.3				
	170													
	174													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+	
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+	
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x	

TS: T S-59ft



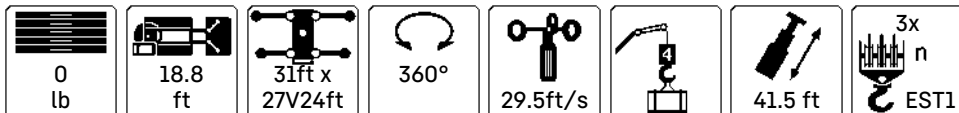
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	14	56.2											
	16	56.2											
	18	55.1											
	20	52.8											
	25	47.6											
	30	42.4											
	35	37.0	39.9	38.2	37.8								
	40	32.5	38.0	36.7	36.3	34.4	33.5						
	45	29.0	36.0	33.8	34.1	31.8	32.3	29.9	29.1	20.6	27.0		
	50	25.9	31.8	29.0	29.7	27.2	28.2	25.8	26.9	20.0	24.2	24.8	19.2
	60	21.4	23.8	21.3	22.0	19.8	20.8	18.7	19.9	18.4	17.7	19.0	18.0
	70	18.0	18.1	15.8	16.4	14.4	15.4	13.5	14.7	16.9	12.9	14.2	16.6
	80	15.4	13.8	11.6	12.3	10.3	11.3	9.5	10.7	14.7	9.0	10.5	13.4
	90	13.4	10.3	8.3	8.9	7.1	8.1	6.4	7.6	11.7	6.0	7.4	10.5
	100		7.7	5.7	6.3	4.5	5.5	3.6	5.1	9.3	3.2	4.9	8.1
	110		5.5	3.4	4.1		3.2		2.6	7.1		2.5	6.1
	120		3.5							5.4			4.4
	130									3.8			2.7
	140									2.3			
	150												
	168												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	3x	2x	2x	2x	2x	2x	2x	2x	1x	2x	2x	1x









TS: T S-59ft



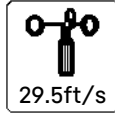
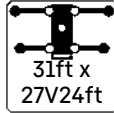
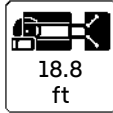
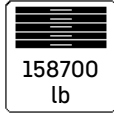
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	14												
	16												
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50	22.1	20.4	18.0									
	60	17.3	18.6	17.1	16.6	16.2	12.7	15.0	11.8	11.5	10.8	10.5	
	70	12.7	14.1	15.3	12.3	13.7	12.0	12.0	11.3	11.0	10.3	10.0	
	80	9.2	10.6	11.9	8.9	10.4	10.8	8.8	9.4	8.4	7.9	7.6	
	90	6.3	7.8	9.1	6.3	7.7	8.2	6.2	6.9	5.9	5.5	5.2	
	100	3.6	5.5	6.8	3.8	5.5	6.1	4.0	4.8	3.8	3.2	2.8	
	110		3.1	4.9		3.6	4.3		2.8				
	120			2.9			2.3						
	130												
	140												
	150												
	168												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TS: T S-59ft



		x1000lb										
	ft											
	14	56.2										
	15	56.2										
	16	56.2										
	17	56.0										
	18	55.1										
	19	54.0										
	20	52.8										
	22	50.7										
	24	48.6										
	26	46.6										
	28	44.6										
	30	42.4										
	32	40.2										
	34	37.9										
	36	36.0										
	38	34.2										
	40	32.5										
	45	27.7										
	50	23.2										
	55	19.6										
	60	16.3										
	65	13.5										
	70	11.2										
	75	9.4										
	80	8.1										
	85	7.0										
	90	6.0										
	95	5.1										
	1	0+										
	2	0+										
	3	0+										
	4	0+										
	5	0+										
	6	0+										
	7	0+										

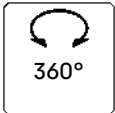
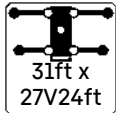
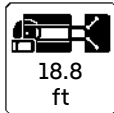
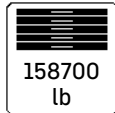
TS: T S-82ft



ft	x1000lb											
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
25	37.5											
30	34.3											
35	31.1	29.4										
40	27.6	28.1	26.9	26.7								
45	24.5	26.7	25.8	25.5	24.3	23.7	22.0	21.0				
50	21.8	25.4	24.6	24.4	23.3	22.8	21.3	20.4	15.0	19.1	17.8	14.3
60	17.9	23.0	22.5	22.3	21.5	21.1	20.0	19.3	14.1	18.1	17.1	13.6
70	14.8	20.9	20.6	20.4	19.9	19.5	18.8	18.1	13.1	17.2	16.3	12.8
80	12.5	18.8	18.8	18.7	18.4	18.1	17.6	17.1	12.1	16.3	15.5	11.9
90	10.8	16.9	17.1	17.0	17.0	16.7	16.5	16.1	11.2	15.4	14.7	11.1
100	9.5	15.3	15.5	15.4	15.6	15.4	15.5	15.1	10.3	14.6	14.0	10.3
110	8.5	13.8	14.2	14.1	14.3	14.1	14.6	14.2	9.6	13.9	13.3	9.6
120		12.7	13.0	12.9	13.2	13.0	13.7	13.4	9.0	13.2	12.7	9.0
130		11.6	12.0	11.9	12.2	12.0	12.8	12.5	8.4	12.5	12.0	8.4
140		10.7	11.1	11.0	11.3	11.2	11.9	11.7	7.9	11.7	11.2	8.0
150		10.0	10.3	10.3	10.5	10.4	11.2	11.0	7.3	11.0	10.4	7.5
170		8.9	9.2	9.1	9.4	9.3	9.9	9.7	6.5	9.9	9.0	6.6
190		8.1	8.3	8.3	8.5	8.5	8.9	8.5	5.7	8.7	7.7	5.9
210		4.8	7.6	7.7	6.8	7.5	6.5	7.3	5.1	6.4	6.6	5.2
230					4.3	4.9	4.4	5.4	4.6	4.2	5.4	4.7
250										2.5	3.6	4.3
270												
275												

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

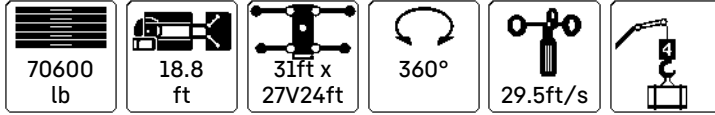
TS: T S-82ft



		x1000lb										
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1
25												
30												
35												
40												
45												
50												
60		15.9	14.6	12.9	13.5	12.1	9.6	11.2	9.1			
70		15.3	14.1	12.2	13.1	11.6	9.3	10.8	8.8	8.6	8.2	8.0
80		14.6	13.6	11.5	12.7	11.1	8.9	10.4	8.5	8.4	8.0	7.8
90		14.0	13.0	10.8	12.3	10.5	8.6	10.0	8.2	8.0	7.7	7.6
100		13.4	12.1	10.0	11.7	9.9	8.2	9.6	7.9	7.8	7.5	7.4
110		12.8	11.2	9.4	10.9	9.3	7.8	9.1	7.5	7.4	7.2	7.1
120		12.3	10.4	8.9	10.2	8.9	7.4	8.7	7.2	7.1	6.9	6.8
130		11.7	9.8	8.4	9.6	8.4	7.0	8.3	6.8	6.8	6.6	6.5
140		11.1	9.2	7.9	9.1	7.9	6.6	7.8	6.5	6.4	6.3	6.2
150		10.4	8.7	7.5	8.6	7.5	6.2	7.4	6.1	6.1	6.0	5.9
170		9.1	7.8	6.6	7.8	6.7	5.5	6.7	5.5	5.5	5.4	5.3
190		7.9	7.0	5.9	7.1	6.0	4.8	6.1	4.8	4.9	4.7	4.7
210		6.5	6.1	5.3	6.3	5.5	3.9	5.5	4.0	4.4	4.0	3.8
230		4.3	5.2	4.6	4.5	4.9	2.9	4.8	3.2	4.0	3.2	2.8
250		2.5	3.7	3.8	2.7	4.0		3.0	2.3	3.1	2.4	
270				2.8		2.6						
275						2.2						

	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

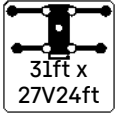
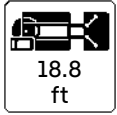
TS: T S-82ft












ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
18	40.0												
20	40.0												
25	37.5												
30	34.3												
35	31.1	29.4											
40	27.6	28.1	26.9	26.7									
45	24.5	26.7	25.8	25.5	24.3	23.7	22.0	21.0					
50	21.8	25.4	24.6	24.4	23.3	22.8	21.3	20.4	15.0	19.1	17.8	14.3	
60	17.9	23.0	22.5	22.3	21.5	21.1	20.0	19.3	14.1	18.1	17.1	13.6	
70	14.8	20.9	20.6	20.4	19.9	19.5	18.8	18.1	13.1	17.2	16.3	12.8	
80	12.5	18.8	18.8	18.7	18.4	18.1	17.6	17.1	12.1	16.3	15.5	11.9	
90	10.8	16.9	17.1	17.0	16.3	16.7	15.7	15.8	11.2	14.8	14.7	11.1	
100	9.5	15.3	14.4	15.0	13.1	13.9	12.6	13.5	10.3	11.8	12.9	10.3	
110	8.5	13.2	11.5	12.1	10.4	11.2	10.0	10.9	9.6	9.3	10.4	9.6	
120		10.4	9.1	9.5	8.0	8.9	7.7	8.7	9.0	7.2	8.4	9.0	
130		8.5	7.2	7.7	6.0	6.9	5.7	6.8	8.4	5.4	6.6	8.4	
140		6.9	5.4	6.0	4.3	5.2	4.0	5.1	7.8	3.7	5.0	7.2	
150		5.5	4.0	4.5	2.8	3.7	2.4	3.6	6.7		3.5	5.8	
170		3.0							4.5			3.6	
190									2.4				
208													

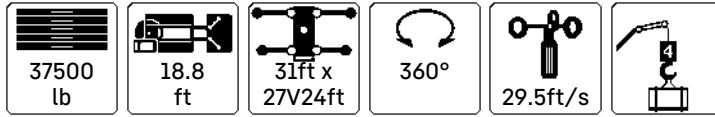
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TS: T S-82ft



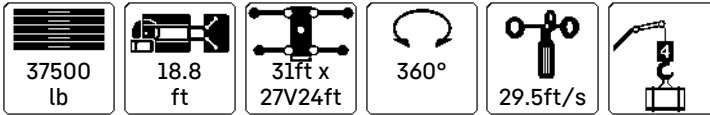
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1	
	18												
	20												
	25												
	30												
	35												
	40												
	45												
	50												
	60	15.9	14.6	12.9	13.5	12.1	9.6	11.2	9.1				
	70	14.9	14.1	12.2	13.1	11.6	9.3	10.8	8.8	8.6	8.2	8.0	
	80	11.8	13.0	11.5	11.3	11.1	8.9	10.4	8.5	8.4	8.0	7.8	
	90	8.9	10.1	10.8	8.5	9.8	8.6	8.3	8.2	7.7	7.5	7.1	
	100	6.5	7.7	8.9	6.2	7.5	7.9	6.1	6.7	5.8	5.4	5.1	
	110	4.4	5.7	6.9	4.3	5.6	6.1	4.3	4.9	4.0	3.5	3.1	
	120	2.2	4.0	5.2		4.0	4.4	2.4	3.2				
	130			3.7			2.9						
	140												
	150												
	170												
	190												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TS: T S-82ft



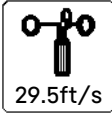
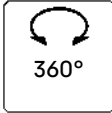
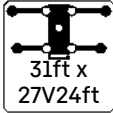
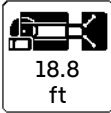
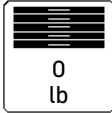
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
18	40.0												
20	40.0												
25	37.5												
30	34.3												
35	31.1	29.4											
40	27.6	28.1	26.9	26.7									
45	24.5	26.7	25.8	25.5	24.3	23.7	22.0	21.0					
50	21.8	25.4	24.6	24.4	23.3	22.8	21.3	20.4	15.0	19.1	17.8	14.3	
60	17.9	22.9	21.2	21.8	19.6	20.3	18.5	18.9	14.1	17.2	17.1	13.6	
70	14.8	18.0	15.8	16.4	14.4	15.3	13.7	14.7	13.1	12.8	13.9	12.8	
80	12.5	13.8	11.8	12.4	10.4	11.3	10.0	11.1	12.1	9.4	10.5	11.9	
90	10.8	10.5	8.6	9.1	7.3	8.2	7.0	8.1	10.9	6.5	7.7	9.9	
100	9.5	7.9	6.0	6.5	4.8	5.7	4.4	5.6	8.8	4.0	5.4	7.7	
110	8.5	5.7	3.7	4.4	2.3	3.4		3.3	6.9		3.2	5.8	
120		3.9							5.2			4.2	
130									3.7			2.5	
140													
150													
170													
177													
1%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
1%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
1%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
1%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
1%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
1%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
1%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
EST1		2x	2x	2x	2x	2x	2x	1x	1x	1x	1x	1x	1x

TS: T S-82ft



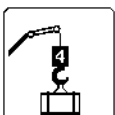
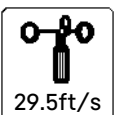
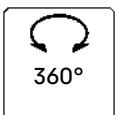
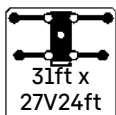
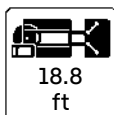
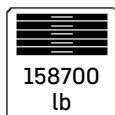
ft	x1000lb												
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	246.1		
18													
20													
25													
30													
35													
40													
45													
50													
60	15.6	14.6	12.9	13.5	12.1	9.6	11.2	9.1					
70	12.1	13.3	12.2	11.6	11.6	9.3	10.7	8.8	8.6	8.2	8.0		
80	8.8	10.0	11.1	8.4	9.7	8.9	8.2	8.5	7.7	7.2	6.9		
90	6.2	7.4	8.6	5.9	7.2	7.6	5.8	6.3	5.4	5.0	4.7		
100	3.7	5.3	6.4	3.7	5.1	5.6	3.6	4.4	3.2	2.6	2.3		
110		3.1	4.6		3.3	3.8		2.4					
120			2.8										
130													
140													
150													
170													
177													
1%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	100+	
1%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
1%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	100+	
1%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
1%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
1%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	100+	
1%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	100+	
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

TS: T S-82ft



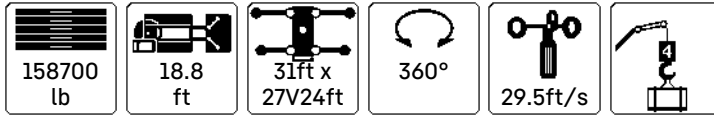
		x1000lb									
	ft										
	18	40.0									
	19	40.0									
	20	40.0									
	22	39.5									
	24	38.2									
	26	36.9									
	28	35.5									
	30	34.3									
	32	33.0									
	34	31.8									
	36	30.4									
	38	29.0									
	40	27.6									
	45	24.5									
	50	21.8									
	55	19.8									
	60	17.5									
	65	14.8									
	70	12.5									
	75	10.5									
	80	9.1									
	85	7.9									
	90	6.9									
	95	6.0									
	100	5.2									
	105	4.5									
	110	3.8									
	115	3.1									
	118	2.8									
	1	0+									
	2	0+									
	3	0+									
	4	0+									
	5	0+									
	6	0+									
	7	0+									

TS: T S-105ft



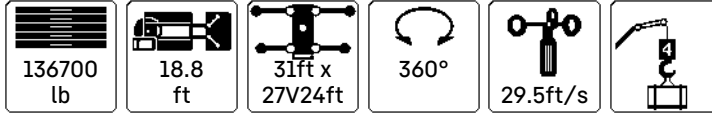
	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
27	28.2												
30	27.1												
35	25.1												
40	23.1	20.8											
45	20.7	19.9	19.1	18.8	17.8	17.4							
50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1					
60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0	
70	12.4	15.9	15.5	15.4	14.9	14.6	13.9	13.4	9.8	12.6	11.9	9.6	
80	10.4	14.5	14.3	14.2	13.8	13.5	13.0	12.6	9.2	11.9	11.3	9.1	
90	9.0	13.3	13.2	13.1	12.8	12.5	12.2	11.8	8.6	11.3	10.7	8.5	
100	8.0	12.0	12.1	12.0	11.9	11.7	11.4	11.0	8.1	10.6	10.1	8.0	
110	7.1	10.9	11.1	11.0	11.0	10.8	10.6	10.4	7.6	10.1	9.7	7.6	
120	6.4	10.0	10.2	10.1	10.1	10.0	10.0	9.8	7.1	9.6	9.2	7.1	
130	5.8	9.1	9.4	9.3	9.5	9.4	9.4	9.2	6.7	9.1	8.8	6.7	
140	5.3	8.5	8.7	8.7	8.8	8.8	8.8	8.7	6.3	8.6	8.4	6.4	
150		7.9	8.2	8.1	8.3	8.2	8.3	8.2	6.0	8.2	8.0	6.0	
170		7.0	7.2	7.2	7.4	7.3	7.4	7.3	5.3	7.4	7.2	5.4	
190		6.2	6.4	6.4	6.6	6.6	6.7	6.6	4.6	6.7	6.6	4.7	
210			5.6	5.8	5.8	6.0	6.0	6.1	4.0	6.1	5.9	4.2	
230			5.2	5.3	5.3	5.2	5.5	4.7	5.5	3.5	4.5	3.7	
250						3.4	4.0	2.9	3.8	3.1	2.7	3.7	3.3
270										2.8		2.2	3.0
281													2.5
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
n	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x










TS: T S-105ft



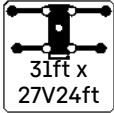
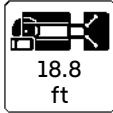
ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
27												
30												
35												
40												
45												
50												
60	11.6	10.6	9.5	9.8								
70	11.1	10.2	9.1	9.6	8.7	7.3	8.2	6.8	6.6			
80	10.6	9.8	8.7	9.3	8.4	7.0	8.0	6.7	6.5	6.2		
90	10.1	9.5	8.3	9.0	8.1	6.8	7.7	6.4	6.3	6.0		
100	9.7	9.2	7.9	8.7	7.7	6.5	7.4	6.2	6.1	5.8		
110	9.3	8.8	7.4	8.4	7.3	6.2	7.1	5.9	5.8	5.6		
120	8.9	8.5	7.0	8.2	6.9	5.9	6.8	5.7	5.6	5.4		
130	8.6	8.0	6.7	7.9	6.6	5.6	6.5	5.4	5.4	5.2		
140	8.2	7.6	6.3	7.5	6.3	5.3	6.2	5.2	5.1	4.9		
150	7.8	7.2	6.0	7.1	6.0	5.0	5.9	4.9	4.8	4.7		
170	7.2	6.4	5.4	6.4	5.4	4.4	5.4	4.4	4.3	4.2		
190	6.6	5.7	4.8	5.7	4.9	3.8	4.9	3.8	3.9	3.7		
210	6.0	5.1	4.3	5.2	4.3	3.1	4.4	3.1	3.4	3.0		
230	4.5	4.5	3.8	4.5	3.9	2.2	3.9	2.3	3.0	2.3		
250	2.7	3.8	3.2	2.8	3.4		3.0		2.5			
270		2.3	2.4		2.5							
281												
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
%	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	


TS: T S-105ft











	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
22	28.7												
25	28.7												
30	27.1												
35	25.1												
40	23.1	20.8											
45	20.7	19.9	19.1	18.8	17.8	17.4							
50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1					
60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0	
70	12.4	15.9	15.5	15.4	14.9	14.6	13.9	13.4	9.8	12.6	11.9	9.6	
80	10.4	14.5	14.3	14.2	13.8	13.5	13.0	12.6	9.2	11.9	11.3	9.1	
90	9.0	13.3	13.2	13.1	12.8	12.5	12.2	11.8	8.6	11.3	10.7	8.5	
100	8.0	12.0	12.1	12.0	11.9	11.7	11.4	11.0	8.1	10.6	10.1	8.0	
110	7.1	10.9	11.1	11.0	11.0	10.8	10.6	10.4	7.6	10.1	9.7	7.6	
120	6.4	10.0	10.2	10.1	10.1	10.0	10.0	9.8	7.1	9.6	9.2	7.1	
130	5.8	9.1	9.4	9.3	9.5	9.4	9.4	9.2	6.7	9.1	8.8	6.7	
140	5.3	8.5	8.7	8.7	8.8	8.8	8.8	8.7	6.3	8.6	8.4	6.4	
150		7.9	8.2	8.1	8.3	8.2	8.3	8.2	6.0	8.2	8.0	6.0	
170		7.0	7.2	7.2	7.4	7.3	7.4	7.3	5.3	7.4	7.2	5.4	
190		6.2	6.4	6.4	6.6	6.6	6.7	6.6	4.6	6.4	6.6	4.7	
210		5.6	5.7	5.8	4.9	5.6	4.4	5.3	4.0	4.2	5.3	4.2	
230		5.2	3.8	4.2	3.0	3.7	2.5	3.4	3.5	2.3	3.3	3.7	
250									3.1			3.3	
270									2.8			2.4	
273												2.2	
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

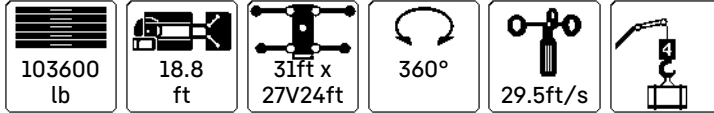
TS: T S-105ft



	ft	x1000lb									
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2
22											
25											
30											
35											
40											
45											
50											
60		11.6	10.6	9.5	9.8						
70		11.1	10.2	9.1	9.6	8.7	7.3	8.2	6.8	6.6	
80		10.6	9.8	8.7	9.3	8.4	7.0	8.0	6.7	6.5	6.2
90		10.1	9.5	8.3	9.0	8.1	6.8	7.7	6.4	6.3	6.0
100		9.7	9.2	7.9	8.7	7.7	6.5	7.4	6.2	6.1	5.8
110		9.3	8.8	7.4	8.4	7.3	6.2	7.1	5.9	5.8	5.6
120		8.9	8.5	7.0	8.2	6.9	5.9	6.8	5.7	5.6	5.4
130		8.6	8.0	6.7	7.9	6.6	5.6	6.5	5.4	5.4	5.2
140		8.2	7.6	6.3	7.5	6.3	5.3	6.2	5.2	5.1	4.9
150		7.8	7.2	6.0	7.1	6.0	5.0	5.9	4.9	4.8	4.7
170		7.2	6.4	5.4	6.4	5.4	4.4	5.4	4.4	4.3	4.2
190		6.2	5.7	4.8	5.7	4.9	3.8	4.9	3.8	3.9	3.7
210		4.2	5.1	4.3	4.1	4.3	3.1	4.1	3.1	3.4	3.0
230		2.3	3.4	3.8	2.4	3.6	2.2	2.4	2.3	2.3	
250				2.8							
270											
273											

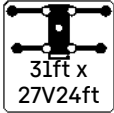
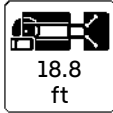
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-105ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
22	28.7												
25	28.7												
30	27.1												
35	25.1												
40	23.1	20.8											
45	20.7	19.9	19.1	18.8	17.8	17.4							
50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1					
60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0	
70	12.4	15.9	15.5	15.4	14.9	14.6	13.9	13.4	9.8	12.6	11.9	9.6	
80	10.4	14.5	14.3	14.2	13.8	13.5	13.0	12.6	9.2	11.9	11.3	9.1	
90	9.0	13.3	13.2	13.1	12.8	12.5	12.2	11.8	8.6	11.3	10.7	8.5	
100	8.0	12.0	12.1	12.0	11.9	11.7	11.4	11.0	8.1	10.6	10.1	8.0	
110	7.1	10.9	11.1	11.0	11.0	10.8	10.6	10.4	7.6	10.1	9.7	7.6	
120	6.4	10.0	10.2	10.1	10.1	10.0	10.0	9.8	7.1	9.6	9.2	7.1	
130	5.8	9.1	9.4	9.3	9.5	9.4	9.4	9.2	6.7	9.1	8.8	6.7	
140	5.3	8.5	8.7	8.7	8.8	8.8	8.8	8.7	6.3	8.6	8.4	6.4	
150		7.9	8.2	8.1	8.2	8.2	8.0	8.2	6.0	7.5	8.0	6.0	
170		7.0	6.6	7.0	5.9	6.5	5.2	6.1	5.3	4.7	5.7	5.4	
190		5.5	4.2	4.6	3.4	4.0	2.8	3.8	4.6	2.4	3.6	4.7	
210		3.5		2.6					4.0			3.7	
230									2.8				
238									2.2				
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

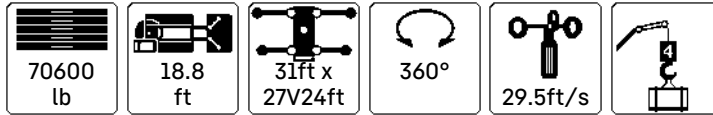
TS: T S-105ft












ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
22	28.7												
25	28.7												
30	27.1												
35	25.1												
40	23.1	20.8											
45	20.7	19.9	19.1	18.8	17.8	17.4							
50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1					
60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0	
70	12.4	15.9	15.5	15.4	14.9	14.6	13.9	13.4	9.8	12.6	11.9	9.6	
80	10.4	14.5	14.3	14.2	13.8	13.5	13.0	12.6	9.2	11.9	11.3	9.1	
90	9.0	13.3	13.2	13.1	12.8	12.5	12.2	11.8	8.6	11.3	10.7	8.5	
100	8.0	12.0	12.1	12.0	11.9	11.7	11.4	11.0	8.1	10.6	10.1	8.0	
110	7.1	10.9	11.1	11.0	11.0	10.8	10.6	10.4	7.6	10.1	9.7	7.6	
120	6.4	10.0	10.2	10.1	10.1	10.0	10.0	9.8	7.1	9.6	9.2	7.1	
130	5.8	9.1	9.4	9.3	9.5	9.4	9.4	9.2	6.7	8.8	8.8	6.7	
140	5.3	8.5	8.7	8.7	8.7	8.7	7.9	8.5	6.3	7.4	8.1	6.4	
150		7.9	7.9	8.0	7.1	7.7	6.3	7.2	6.0	5.8	6.8	6.0	
170		6.4	5.2	5.6	4.3	5.0	3.6	4.6	5.3	3.2	4.3	5.4	
190		4.2	2.8	3.3		2.7		2.3	4.6			4.2	
210		2.3							3.2			2.5	
230													
237													

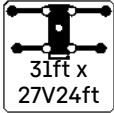
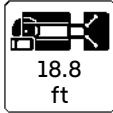
1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+
5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+	90+
6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+	90+
EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-105ft



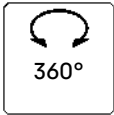
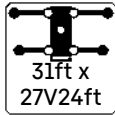
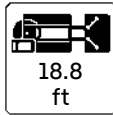
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	22	28.7											
	25	28.7											
	30	27.1											
	35	25.1											
	40	23.1	20.8										
	45	20.7	19.9	19.1	18.8	17.8	17.4						
	50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1				
	60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0
	70	12.4	15.9	15.5	15.4	14.9	14.6	13.9	13.4	9.8	12.6	11.9	9.6
	80	10.4	14.5	14.3	14.2	13.8	13.5	13.0	12.6	9.2	11.9	11.3	9.1
	90	9.0	13.3	13.2	13.1	12.8	12.5	12.2	11.8	8.6	11.3	10.7	8.5
	100	8.0	12.0	12.1	12.0	11.9	11.7	11.4	11.0	8.1	10.5	10.1	8.0
	110	7.1	10.9	11.1	11.0	10.6	10.7	9.7	10.2	7.6	9.0	9.5	7.6
	120	6.4	10.0	9.6	9.9	8.5	9.2	7.6	8.5	7.1	7.0	8.0	7.1
	130	5.8	8.8	7.6	8.1	6.5	7.3	5.8	6.7	6.7	5.3	6.3	6.7
	140	5.3	7.4	5.9	6.4	4.8	5.6	4.1	5.1	6.3	3.7	4.8	6.3
	150		6.0	4.4	4.9	3.3	4.1	2.5	3.7	6.0		3.4	5.5
	170		3.5		2.4					4.2			3.3
	190									2.3			
	210												
	220												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-105ft



		x1000lb											
ft		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	22												
	25												
	30												
	35												
	40												
	45												
	50												
	60	11.6	10.6	9.5	9.8								
	70	11.1	10.2	9.1	9.6	8.7	7.3	8.2	6.8	6.6			
	80	10.6	9.8	8.7	9.3	8.4	7.0	8.0	6.7	6.5	6.2		
	90	10.1	9.5	8.3	9.0	8.1	6.8	7.7	6.4	6.3	6.0		
	100	9.7	9.2	7.9	8.7	7.7	6.5	7.4	6.2	6.1	5.8		
	110	8.4	8.8	7.4	8.2	7.3	6.2	7.1	5.9	5.8	5.6		
	120	6.6	7.7	7.0	6.3	6.9	5.9	6.1	5.7	5.4	5.3		
	130	5.0	6.0	6.7	4.7	5.9	5.6	4.6	5.0	4.3	3.9		
	140	3.5	4.6	5.6	3.3	4.5	4.8	3.2	3.8	3.0	2.5		
	150		3.3	4.4		3.2	3.7		2.5				
	170												
	190												
	210												
	220												
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	
	n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	

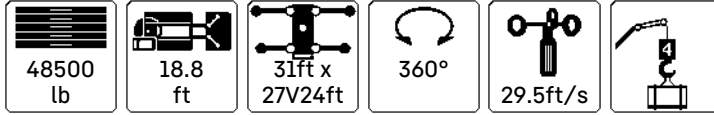
TS: T S-105ft



ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
22	28.7												
25	28.7												
30	27.1												
35	25.1												
40	23.1	20.8											
45	20.7	19.9	19.1	18.8	17.8	17.4							
50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1					
60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0	
70	12.4	15.9	15.5	15.4	14.9	14.6	13.9	13.4	9.8	12.6	11.9	9.6	
80	10.4	14.5	14.3	14.2	13.6	13.5	12.6	12.6	9.2	11.8	11.3	9.1	
90	9.0	13.2	12.1	12.4	10.8	11.4	9.7	10.5	8.6	8.9	9.9	8.5	
100	8.0	11.1	9.3	9.8	8.1	8.8	7.2	8.1	8.1	6.6	7.6	8.0	
110	7.1	8.7	6.9	7.4	5.8	6.6	5.0	6.0	7.6	4.5	5.6	7.4	
120	6.4	6.7	5.0	5.5	3.8	4.6	2.9	4.1	6.8		3.8	5.9	
130	5.8	5.0	3.2	3.8		2.8			5.5			4.5	
140	5.3	3.6							4.2			3.2	
150									2.9				
170													
190													
200													

	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

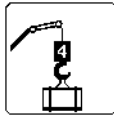
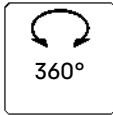
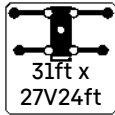
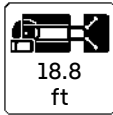
TS: T S-105ft












ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
22												
25												
30												
35												
40												
45												
50												
60	11.6	10.6	9.5	9.8								
70	11.1	10.2	9.1	9.6	8.7	7.3	8.2	6.8	6.6			
80	10.5	9.8	8.7	9.3	8.4	7.0	8.0	6.7	6.5	6.2		
90	8.4	9.3	8.3	8.0	8.1	6.8	7.5	6.4	6.3	6.0		
100	6.1	7.2	7.8	5.8	7.0	6.5	5.6	5.9	5.2	4.8		
110	4.2	5.3	6.4	3.9	5.2	5.5	3.8	4.4	3.4			
120		3.6	4.8		3.5	4.0		2.6				
130			3.3			2.3						
140												
150												
170												
190												
200												

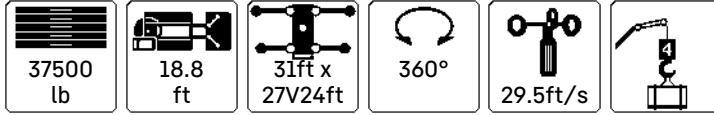
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		
n	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x		

TS: T S-105ft



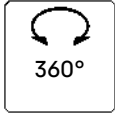
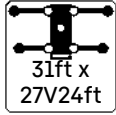
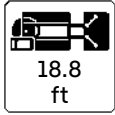
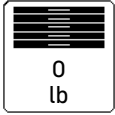
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	22	28.7											
	24	28.7											
	26	28.5											
	28	27.9											
	30	27.1											
	32	26.3											
	34	25.5											
	36	24.7											
	38	24.0	21.1										
	40	23.1	20.8										
	45	20.7	19.9	19.1	18.8	17.8	17.4						
	50	18.6	19.0	18.3	18.1	17.2	16.8	15.8	15.1				
	55	16.7	18.2	17.6	17.4	16.6	16.2	15.3	14.7	10.7	13.7	12.8	10.2
	60	15.1	17.4	16.9	16.7	16.0	15.7	14.8	14.3	10.4	13.4	12.5	10.0
	65	13.7	16.6	16.2	16.0	15.4	15.1	14.4	13.8	10.1	13.0	12.2	9.8
	70	12.4	15.9	15.4	15.4	14.4	14.4	13.1	13.4	9.8	12.0	11.9	9.6
	75	11.3	15.2	14.0	14.4	12.5	13.1	11.3	12.2	9.5	10.4	11.3	9.3
	80	10.4	14.0	12.1	12.6	10.8	11.5	9.7	10.6	9.2	8.9	9.9	9.1
	85	9.6	12.4	10.5	11.0	9.2	10.0	8.3	9.1	8.9	7.5	8.5	8.8
	90	9.0	10.8	9.0	9.5	7.8	8.6	6.9	7.8	8.6	6.3	7.3	8.5
	95	8.5	9.5	7.7	8.2	6.5	7.3	5.7	6.7	8.3	5.2	6.2	8.2
	100	8.0	8.3	6.5	7.0	5.3	6.1	4.5	5.6	7.9	4.0	5.2	7.1
	105	7.5	7.2	5.4	5.9	4.2	5.0	3.3	4.5	7.3	2.7	4.1	6.2
	110	7.1	6.1	4.3	4.9	3.0	4.0		3.3	6.4		3.1	5.4
	115	6.7	5.2	3.3	3.9		2.9			5.6			4.6
	120	6.4	4.3	2.3	2.9					4.9			3.8
	125	6.0	3.6							4.2			3.0
	130	5.8	2.6							3.5			2.3
	135	5.5								2.6			
	140	5.3											
	145												
	150												
	155												
	160												
	165												
	170												
	175												
	180												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	EST1	2x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-105ft



ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
22											
24											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50											
55											
60	11.6	10.6	9.5	9.8							
65	11.3	10.4	9.3	9.7	8.9	7.4	8.3				
70	10.9	10.2	9.1	9.6	8.7	7.3	8.2	6.8	6.6		
75	9.7	10.0	8.9	9.0	8.6	7.2	8.0	6.8	6.6	6.2	
80	8.3	9.4	8.7	7.8	8.4	7.0	7.5	6.7	6.4	6.0	
85	7.0	8.1	8.5	6.6	7.7	6.9	6.3	6.5	5.8	5.4	
90	5.8	6.9	7.9	5.4	6.6	6.6	5.2	5.7	4.8	4.4	
95	4.7	5.8	6.9	4.4	5.6	5.9	4.2	4.7	3.7	3.1	
100	3.6	4.8	5.9		4.7	5.0	3.0	3.7			
105		3.9	5.0		3.7	4.2					
110		2.8	4.2			3.2					
115			3.4			2.4					
120			2.4								
125											
130											
135											
140											
145											
150											
155											
160											
165											
170											
175											
180											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+
	EST1	1x	1x	1x	1x	1x	1x	1x	1x	1x	1x

TS: T S-105ft



		x1000lb											
	ft												
	22	28.7											
	24	28.7											
	26	28.5											
	28	27.9											
	30	27.1											
	32	26.3											
	34	25.5											
	36	24.7											
	38	24.0											
	40	23.1											
	45	20.7											
	50	18.6											
	55	16.7											
	60	15.1											
	65	13.7											
	70	12.4											
	75	11.0											
	80	9.5											
	85	8.3											
	90	7.3											
	95	6.4											
	100	5.6											
	105	4.9											
	110	4.3											
	115	3.5											
	120	2.7											
	123	2.3											
	1	0+											
	2	0+											
	3	0+											
	4	0+											
	5	0+											
	6	0+											
	7	0+											









TS: T S-128ft



		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	30	21.8											
35	20.5												
40	19.3												
45	17.8	15.4	14.6	14.5									
50	16.3	14.8	14.1	14.0	13.2	12.8							
60	13.5	13.5	13.0	12.9	12.2	11.9	11.2	10.7	8.1	10.0	9.4		
70	11.1	12.3	11.9	11.8	11.3	11.1	10.5	10.1	7.7	9.5	9.0	7.4	
80	9.4	11.2	10.9	10.8	10.5	10.2	9.8	9.5	7.2	9.0	8.6	7.1	
90	8.1	10.2	10.0	10.0	9.7	9.6	9.2	9.0	6.8	8.6	8.2	6.7	
100	7.0	9.4	9.3	9.3	9.1	9.0	8.7	8.5	6.3	8.2	7.8	6.2	
110	6.2	8.6	8.7	8.6	8.5	8.4	8.2	8.0	5.9	7.7	7.4	5.9	
120	5.5	7.9	8.0	8.0	8.0	7.8	7.7	7.5	5.5	7.3	7.0	5.5	
130	4.9	7.2	7.4	7.3	7.4	7.3	7.2	7.1	5.1	6.9	6.7	5.1	
140	4.3	6.7	6.9	6.8	6.9	6.8	6.8	6.6	4.8	6.5	6.3	4.8	
150	3.9	6.2	6.3	6.3	6.4	6.3	6.4	6.2	4.5	6.2	6.0	4.5	
170		5.3	5.5	5.4	5.6	5.5	5.6	5.5	3.9	5.5	5.4	4.0	
190		4.6	4.8	4.7	4.9	4.8	5.0	4.9	3.4	4.9	4.8	3.5	
210		4.0	4.2	4.2	4.3	4.3	4.4	4.3	3.0	4.4	4.3	3.1	
230		3.6	3.7	3.7	3.9	3.8	3.9	3.9	2.5	4.0	3.9	2.6	
250		3.3	3.4	3.3	3.4	3.5	2.9	3.5		2.6	3.4		
270						2.5		2.2					
275													
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TS: T S-128ft



 ft	x1000lb											
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
30												
35												
40												
45												
50												
60												
70	8.4	7.8	7.1	7.3	6.6							
80	8.1	7.6	6.8	7.1	6.4	5.4	6.0	4.5	4.5	3.8		
90	7.8	7.3	6.4	6.8	6.2	5.2	5.8	4.5	4.5	3.8		
100	7.5	7.0	6.1	6.6	5.9	5.0	5.6	4.5	4.5	3.8		
110	7.1	6.7	5.7	6.4	5.6	4.7	5.4	4.5	4.4	3.8		
120	6.8	6.4	5.4	6.1	5.3	4.5	5.1	4.3	4.2	3.8		
130	6.4	6.1	5.1	5.8	5.0	4.2	4.8	4.0	4.0	3.8		
140	6.1	5.8	4.7	5.6	4.7	3.9	4.6	3.8	3.7	3.6		
150	5.8	5.5	4.5	5.4	4.4	3.6	4.3	3.5	3.5	3.3		
170	5.3	5.0	3.9	4.9	3.9	3.1	3.9	3.0	3.0	2.9		
190	4.8	4.5	3.5	4.4	3.5	2.6	3.5	2.5	2.5	2.4		
210	4.3	4.0	3.1	4.0	3.1		3.1					
230	4.0	3.5	2.7	3.5	2.7		2.7					
250	2.6	2.9		2.6	2.3		2.3					
270												
275												
 %	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
 %	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
 %	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
 %	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
 %	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
 %	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
 %	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	

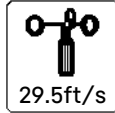
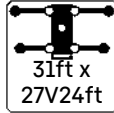
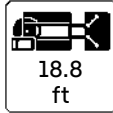
TS: T S-128ft



		x1000lb											
ft		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	25		21.9										
30		21.8											
35		20.5											
40		19.3											
45		17.8	15.4	14.6	14.5								
50		16.3	14.8	14.1	14.0	13.2	12.8						
60		13.5	13.5	13.0	12.9	12.2	11.9	11.2	10.7	8.1	10.0	9.4	
70		11.1	12.3	11.9	11.8	11.3	11.1	10.5	10.1	7.7	9.5	9.0	7.4
80		9.4	11.2	10.9	10.8	10.5	10.2	9.8	9.5	7.2	9.0	8.6	7.1
90		8.1	10.2	10.0	10.0	9.7	9.6	9.2	9.0	6.8	8.6	8.2	6.7
100		7.0	9.4	9.3	9.3	9.1	9.0	8.7	8.5	6.3	8.2	7.8	6.2
110		6.2	8.6	8.7	8.6	8.5	8.4	8.2	8.0	5.9	7.7	7.4	5.9
120		5.5	7.9	8.0	8.0	8.0	7.8	7.7	7.5	5.5	7.3	7.0	5.5
130		4.9	7.2	7.4	7.3	7.4	7.3	7.2	7.1	5.1	6.9	6.7	5.1
140		4.3	6.7	6.9	6.8	6.9	6.8	6.8	6.6	4.8	6.5	6.3	4.8
150		3.9	6.2	6.3	6.3	6.4	6.3	6.4	6.2	4.5	6.2	6.0	4.5
170			5.3	5.5	5.4	5.6	5.5	5.6	5.5	3.9	5.5	5.4	4.0
190			4.6	4.8	4.7	4.9	4.8	5.0	4.9	3.4	4.9	4.8	3.5
210			4.0	4.2	4.2	4.3	4.3	4.3	4.3	3.0	4.1	4.3	3.1
230			3.6	3.7	3.7	3.0	3.6	2.5	3.3	2.5	2.3	3.2	2.6
250			3.3	2.2	2.6								
262													

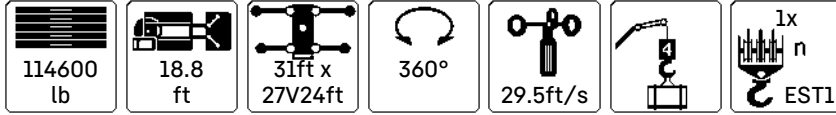
1	0+	45+	90+	45+	90+	45+	90+	45+	90+	0+	90+	45+	0+
2	0+	45+	45+	90+	90+	90+	90+	90+	90+	0+	90+	90+	45+
3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+	90+
4	0+	45+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
5	0+	45+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
6	0+	45+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
7	0+	45+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TS: T S-128ft



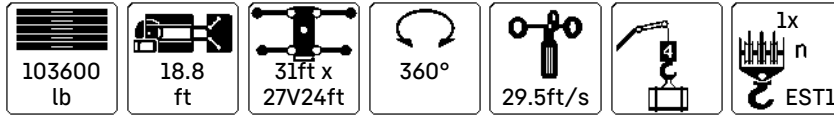
	ft	x1000lb											
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	8.4	7.8	7.1	7.3	6.6							
	80	8.1	7.6	6.8	7.1	6.4	5.4	6.0	4.5	4.5	3.8		
	90	7.8	7.3	6.4	6.8	6.2	5.2	5.8	4.5	4.5	3.8		
	100	7.5	7.0	6.1	6.6	5.9	5.0	5.6	4.5	4.5	3.8		
	110	7.1	6.7	5.7	6.4	5.6	4.7	5.4	4.5	4.4	3.8		
	120	6.8	6.4	5.4	6.1	5.3	4.5	5.1	4.3	4.2	3.8		
	130	6.4	6.1	5.1	5.8	5.0	4.2	4.8	4.0	4.0	3.8		
	140	6.1	5.8	4.7	5.6	4.7	3.9	4.6	3.8	3.7	3.6		
	150	5.8	5.5	4.5	5.4	4.4	3.6	4.3	3.5	3.5	3.3		
	170	5.3	5.0	3.9	4.9	3.9	3.1	3.9	3.0	3.0	2.9		
	190	4.8	4.5	3.5	4.4	3.5	2.6	3.5	2.5	2.5	2.4		
	210	3.8	4.0	3.1	3.6	3.1		3.1					
	230		3.1	2.7		2.7							
	250												
	262												
	1%	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2%	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3%	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4%	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5%	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6%	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7%	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		









TS: T S-128ft



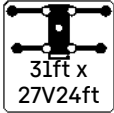
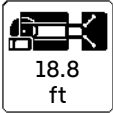
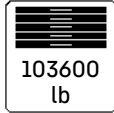
		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	8.4	7.8	7.1	7.3	6.6							
	80	8.1	7.6	6.8	7.1	6.4	5.4	6.0	4.5	4.5	3.8		
	90	7.8	7.3	6.4	6.8	6.2	5.2	5.8	4.5	4.5	3.8		
	100	7.5	7.0	6.1	6.6	5.9	5.0	5.6	4.5	4.5	3.8		
	110	7.1	6.7	5.7	6.4	5.6	4.7	5.4	4.5	4.4	3.8		
	120	6.8	6.4	5.4	6.1	5.3	4.5	5.1	4.3	4.2	3.8		
	130	6.4	6.1	5.1	5.8	5.0	4.2	4.8	4.0	4.0	3.8		
	140	6.1	5.8	4.7	5.6	4.7	3.9	4.6	3.8	3.7	3.6		
	150	5.8	5.5	4.5	5.4	4.4	3.6	4.3	3.5	3.5	3.3		
	170	5.2	5.0	3.9	4.9	3.9	3.1	3.9	3.0	3.0	2.9		
	190	3.3	4.2	3.5	3.1	3.5	2.6	3.1	2.5	2.5	2.2		
	210		2.5	3.1		2.4							
	230												
	250												
	256												
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+		
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+		
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+		
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+		

TS: T S-128ft



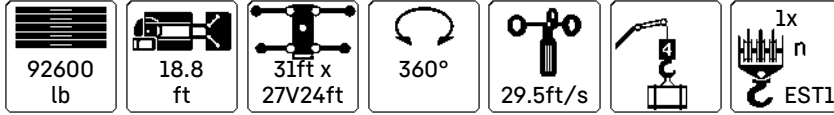
		x1000lb											
	ft	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	25	21.9											
	30	21.8											
	35	20.5											
	40	19.3											
	45	17.8	15.4	14.6	14.5								
	50	16.3	14.8	14.1	14.0	13.2	12.8						
	60	13.5	13.5	13.0	12.9	12.2	11.9	11.2	10.7	8.1	10.0	9.4	
	70	11.1	12.3	11.9	11.8	11.3	11.1	10.5	10.1	7.7	9.5	9.0	7.4
	80	9.4	11.2	10.9	10.8	10.5	10.2	9.8	9.5	7.2	9.0	8.6	7.1
	90	8.1	10.2	10.0	10.0	9.7	9.6	9.2	9.0	6.8	8.6	8.2	6.7
	100	7.0	9.4	9.3	9.3	9.1	9.0	8.7	8.5	6.3	8.2	7.8	6.2
	110	6.2	8.6	8.7	8.6	8.5	8.4	8.2	8.0	5.9	7.7	7.4	5.9
	120	5.5	7.9	8.0	8.0	8.0	7.8	7.7	7.5	5.5	7.3	7.0	5.5
	130	4.9	7.2	7.4	7.3	7.4	7.3	7.2	7.1	5.1	6.9	6.7	5.1
	140	4.3	6.7	6.9	6.8	6.9	6.8	6.8	6.6	4.8	6.5	6.3	4.8
	150	3.9	6.2	6.3	6.3	6.4	6.3	6.4	6.2	4.5	6.2	6.0	4.5
	170		5.3	5.5	5.4	5.5	5.5	4.9	5.4	3.9	4.4	5.1	4.0
	190		4.6	4.2	4.6	3.4	4.0	2.6	3.5	3.4		3.2	3.5
	210		3.5		2.6					3.0			3.1
	230									2.5			
	250												
	256												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TS: T S-128ft



		x1000lb											
	ft	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2		
	25												
	30												
	35												
	40												
	45												
	50												
	60												
	70	8.4	7.8	7.1	7.3	6.6							
	80	8.1	7.6	6.8	7.1	6.4	5.4	6.0	4.5	4.5	3.8		
	90	7.8	7.3	6.4	6.8	6.2	5.2	5.8	4.5	4.5	3.8		
	100	7.5	7.0	6.1	6.6	5.9	5.0	5.6	4.5	4.5	3.8		
	110	7.1	6.7	5.7	6.4	5.6	4.7	5.4	4.5	4.4	3.8		
	120	6.8	6.4	5.4	6.1	5.3	4.5	5.1	4.3	4.2	3.8		
	130	6.4	6.1	5.1	5.8	5.0	4.2	4.8	4.0	4.0	3.8		
	140	6.1	5.8	4.7	5.6	4.7	3.9	4.6	3.8	3.7	3.6		
	150	5.8	5.5	4.5	5.3	4.4	3.6	4.3	3.5	3.5	3.3		
	170	4.0	4.8	3.9	3.8	3.9	3.1	3.6	3.0	3.0	2.8		
	190		3.0	3.5		2.9	2.6		2.3				
	210			2.2									
	230												
	250												
	256												
	%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+	
	%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+	
	%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+	
	%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+	









TS: T S-128ft



	ft	x1000lb											
		41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6
	25	21.9											
	30	21.8											
	35	20.5											
	40	19.3											
	45	17.8	15.4	14.6	14.5								
	50	16.3	14.8	14.1	14.0	13.2	12.8						
	60	13.5	13.5	13.0	12.9	12.2	11.9	11.2	10.7	8.1	10.0	9.4	
	70	11.1	12.3	11.9	11.8	11.3	11.1	10.5	10.1	7.7	9.5	9.0	7.4
	80	9.4	11.2	10.9	10.8	10.5	10.2	9.8	9.5	7.2	9.0	8.6	7.1
	90	8.1	10.2	10.0	10.0	9.7	9.6	9.2	9.0	6.8	8.6	8.2	6.7
	100	7.0	9.4	9.3	9.3	9.1	9.0	8.7	8.5	6.3	8.2	7.8	6.2
	110	6.2	8.6	8.7	8.6	8.5	8.4	8.2	8.0	5.9	7.7	7.4	5.9
	120	5.5	7.9	8.0	8.0	8.0	7.8	7.7	7.5	5.5	7.3	7.0	5.5
	130	4.9	7.2	7.4	7.3	7.4	7.3	7.2	7.1	5.1	6.9	6.7	5.1
	140	4.3	6.7	6.9	6.8	6.9	6.8	6.8	6.6	4.8	6.4	6.3	4.8
	150	3.9	6.2	6.3	6.3	6.4	6.3	6.0	6.2	4.5	5.4	5.9	4.5
	170		5.3	5.2	5.4	4.1	4.8	3.4	4.2	3.9	2.9	3.8	4.0
	190		4.2	2.9	3.3		2.6			3.4			3.5
	210		2.3							2.9			
	230												
	242												
	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TS: T S-128ft



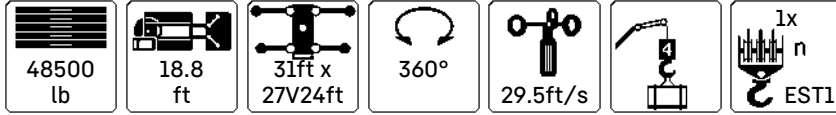
	ft	x1000lb									
		199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2
25											
30											
35											
40											
45											
50											
60											
70	8.4	7.8	7.1	7.3	6.6						
80	8.1	7.6	6.8	7.1	6.4	5.4	6.0	4.5	4.5	3.8	
90	7.8	7.3	6.4	6.8	6.2	5.2	5.8	4.5	4.5	3.8	
100	7.5	7.0	6.1	6.6	5.9	5.0	5.6	4.5	4.5	3.8	
110	7.1	6.7	5.7	6.4	5.6	4.7	5.4	4.5	4.4	3.8	
120	5.9	6.4	5.4	5.6	5.3	4.5	5.1	4.3	4.2	3.8	
130	4.4	5.3	5.1	4.2	4.8	4.2	3.9	4.0	3.5	3.2	
140	2.9	4.0	4.7	2.7	3.9	3.9	2.5	3.1			
150		2.7	3.8		2.6	3.0					
170											
190											
210											
217											
	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TS: T S-128ft



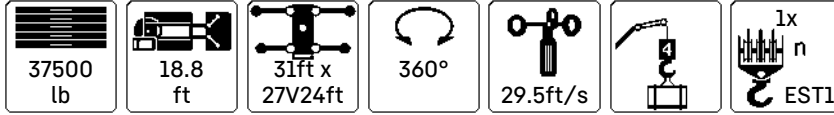
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
25	21.9												
26	21.9												
28	21.9												
30	21.8												
32	21.3												
34	20.8												
36	20.3												
38	19.8												
40	19.3												
45	17.8	15.4	14.6	14.5									
50	16.3	14.8	14.1	14.0	13.2	12.8							
55	14.9	14.1	13.5	13.4	12.7	12.4	11.6	11.0					
60	13.5	13.5	13.0	12.9	12.2	11.9	11.2	10.7	8.1	10.0	9.4		
65	12.2	12.9	12.5	12.3	11.8	11.5	10.8	10.4	7.9	9.7	9.2	7.6	
70	11.1	12.3	11.9	11.8	11.3	11.1	10.5	10.1	7.7	9.5	9.0	7.4	
75	10.2	11.7	11.4	11.3	10.9	10.6	10.1	9.8	7.5	9.3	8.8	7.2	
80	9.4	11.2	10.9	10.8	10.5	10.2	9.8	9.5	7.2	9.0	8.6	7.1	
85	8.6	10.6	10.5	10.4	10.1	9.9	9.5	9.2	7.0	8.8	8.4	6.9	
90	8.1	10.2	10.0	10.0	9.6	9.6	8.9	9.0	6.8	8.1	8.2	6.7	
95	7.5	9.8	9.6	9.5	8.9	9.1	7.9	8.5	6.5	7.1	7.8	6.5	
100	7.0	9.4	8.7	9.0	7.7	8.3	6.7	7.5	6.3	6.0	6.9	6.2	
105	6.6	9.0	7.8	8.2	6.6	7.2	5.7	6.5	6.1	5.0	5.9	6.0	
110	6.2	8.2	6.7	7.2	5.6	6.2	4.7	5.6	5.9	4.1	5.0	5.9	
115	5.8	7.4	5.7	6.2	4.6	5.3	3.7	4.7	5.7	3.1	4.2	5.7	
120	5.5	6.5	4.8	5.2	3.6	4.4	2.6	3.8	5.5		3.3	5.2	
125	5.1	5.6	3.9	4.4	2.6	3.6		2.9	5.2		2.4	4.5	
130	4.9	4.8	3.1	3.6		2.6			4.7			3.9	
135	4.6	4.1		2.7					4.2			3.2	
140	4.3	3.3							3.6			2.5	
145	4.1	2.6							3.0				
150	3.9								2.3				
155	3.7												
160	3.5												
165													
170													
175													
180													
185													
190													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TS: T S-128ft



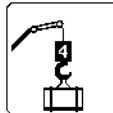
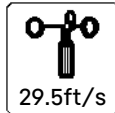
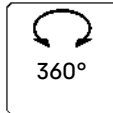
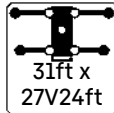
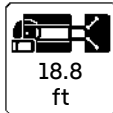
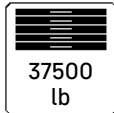
ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
25											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50											
55											
60											
65	8.6	8.0	7.1								
70	8.4	7.8	7.1	7.3	6.6						
75	8.3	7.7	6.9	7.2	6.5	5.4	6.1	4.5	4.5		
80	8.1	7.6	6.8	7.1	6.4	5.4	6.0	4.5	4.5	3.8	
85	7.9	7.4	6.6	7.0	6.3	5.3	5.9	4.5	4.5	3.8	
90	7.6	7.3	6.4	6.7	6.2	5.2	5.8	4.5	4.5	3.8	
95	6.5	7.1	6.2	6.1	6.0	5.1	5.5	4.5	4.4	3.8	
100	5.5	6.4	6.1	5.1	5.8	5.0	4.8	4.5	4.3	3.6	
105	4.6	5.5	5.9	4.2	5.3	4.8	3.9	4.4	3.4	2.9	
110	3.6	4.7	5.5	3.2	4.4	4.5		3.6	2.4		
115		3.8	4.8		3.7	4.0		2.6			
120		2.9	4.1		2.8	3.2					
125			3.3			2.3					
130			2.5								
135											
140											
145											
150											
155											
160											
165											
170											
175											
180											
185											
190											
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TS: T S-128ft



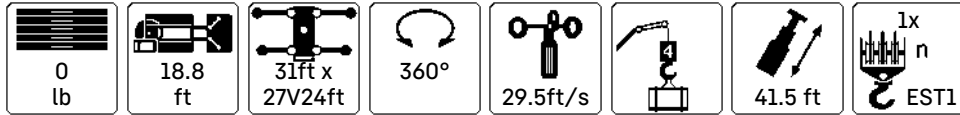
ft	x1000lb												
	41.5	133.6	146.6	146.6	159.6	159.7	172.8	172.9	173.6	185.9	186.3	186.6	
25	21.9												
26	21.9												
28	21.9												
30	21.8												
32	21.3												
34	20.8												
36	20.3												
38	19.8												
40	19.3												
45	17.8	15.4	14.6	14.5									
50	16.3	14.8	14.1	14.0	13.2	12.8							
55	14.9	14.1	13.5	13.4	12.7	12.4	11.6	11.0					
60	13.5	13.5	13.0	12.9	12.2	11.9	11.2	10.7	8.1	10.0	9.4		
65	12.2	12.9	12.5	12.3	11.8	11.5	10.8	10.4	7.9	9.7	9.2	7.6	
70	11.1	12.3	11.9	11.8	11.3	11.1	10.5	10.1	7.7	9.5	9.0	7.4	
75	10.2	11.7	11.4	11.3	10.9	10.6	10.0	9.8	7.5	9.3	8.8	7.2	
80	9.4	11.2	10.9	10.8	10.1	10.2	9.0	9.3	7.2	8.1	8.6	7.1	
85	8.6	10.6	10.1	10.3	8.7	9.3	7.7	8.4	7.0	6.9	7.7	6.9	
90	8.1	10.1	8.7	9.1	7.5	8.0	6.5	7.2	6.8	5.7	6.6	6.7	
95	7.5	9.1	7.4	7.9	6.2	6.9	5.4	6.1	6.5	4.7	5.5	6.5	
100	7.0	8.0	6.3	6.7	5.1	5.8	4.2	5.1	6.3	3.5	4.6	6.1	
105	6.6	6.9	5.2	5.6	4.0	4.8		4.1	6.0	2.3	3.6	5.5	
110	6.2	5.9	4.2	4.7	2.9	3.7		2.9	5.5			4.7	
115	5.8	5.0	3.1	3.7		2.5			5.0			4.0	
120	5.5	4.1		2.7					4.3			3.1	
125	5.1	3.2							3.5			2.3	
130	4.9	2.3							2.8				
135	4.6												
140	4.3												
145	4.1												
150	3.9												
155	3.7												
160	3.5												
165													
170													
175													
180													
185													
190													
%	1	0+	45+	90+	45+	90+	45+	90+	45+	0+	90+	45+	0+
%	2	0+	45+	45+	90+	90+	90+	90+	90+	0+	90+	90+	45+
%	3	0+	45+	45+	45+	45+	90+	90+	90+	90+	90+	90+	90+
%	4	0+	45+	45+	45+	45+	45+	45+	90+	90+	90+	90+	90+
%	5	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	90+	90+
%	6	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+
%	7	0+	45+	45+	45+	45+	45+	45+	45+	90+	45+	45+	90+

TS: T S-128ft



ft	x1000lb										
	199.3	199.6	199.6	212.6	212.6	217.2	225.6	230.2	237.3	243.2	
25											
26											
28											
30											
32											
34											
36											
38											
40											
45											
50											
55											
60											
65	8.6	8.0	7.1								
70	8.4	7.8	7.1	7.3	6.6						
75	8.2	7.7	6.9	7.2	6.5	5.4	6.1	4.5	4.5		
80	7.5	7.5	6.8	6.7	6.4	5.4	6.0	4.5	4.5	3.8	
85	6.2	7.2	6.6	5.8	6.3	5.3	5.4	4.5	4.4	3.7	
90	5.1	6.1	6.4	4.7	5.8	5.2	4.4	4.4	3.8	3.4	
95	4.1	5.1	6.0	3.6	4.8	5.1	3.2	3.8			
100	2.8	4.2	5.2		3.9	4.2		2.7			
105		3.1	4.3		2.8	3.2					
110			3.4								
115			2.5								
120											
125											
130											
135											
140											
145											
150											
155											
160											
165											
170											
175											
180											
185											
190											
%	1	90+	45+	0+	90+	45+	0+	90+	45+	90+	90+
%	2	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	3	90+	90+	90+	90+	90+	100+	90+	100+	90+	100+
%	4	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	5	90+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	6	45+	90+	90+	90+	90+	100+	90+	100+	100+	100+
%	7	45+	45+	90+	45+	90+	100+	90+	100+	100+	100+

TS: T S-128ft



		x1000lb										
	ft											
	25	21.9										
	26	21.9										
	28	21.9										
	30	21.8										
	32	21.3										
	34	20.8										
	36	20.3										
	38	19.8										
	40	19.3										
	45	17.8										
	50	16.3										
	55	14.9										
	60	13.5										
	65	12.2										
	70	11.1										
	75	10.2										
	80	9.4										
	85	8.6										
	90	7.6										
	95	6.7										
	100	5.9										
	105	5.1										
	110	4.5										
	115	3.9										
	120	3.1										
	125	2.3										
	126	2.2										
	1	0+										
	2	0+										
	3	0+										
	4	0+										
	5	0+										
	6	0+										
	7	0+										

