



Product Brochure

US.REIDLIFTING.COM



REID PORTA GANTRY

REID PORTA GANTRY

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Making light work of **lifting** and **lowering**.

Since 1996, REID Lifting have been combining innovative design with expert engineering to create lightweight, portable, aluminum lifting systems that help our customers to achieve their operational and safety objectives efficiently and effectively.

From our headquarters in Monmouthshire, in the United Kingdom, we have built an exceptional reputation for designing high-quality and resilient products for use across a diverse range of industries including; Water and Wastewater, Oil and Gas, Aviation, Construction, Food Processing and even Museums, where our products are trusted for lifting priceless pieces of art.

We have expertly engineered our systems through the use of lightweight aluminum as an alternative to steel, setting a precedent for innovation and successful experimentation, leading us to become one of the global pioneers in lifting technology today.

Many of our products are patented and have become the industry-standard for lifting solutions, trusted by many leading companies in more than 50 countries around the world.

Here at REID Lifting, we welcome the opportunity to work with clients to successfully meet your lifting needs from our core range of products.

Should you require a special solution for a unique circumstance, we can also develop custom solutions to help meet your needs.

> Our icons explained

On each product page, these icons will help you understand more about the system, its capabilities and limitations.



Capacity

Each system will have a capacity rating clearly stated along with its serial number for traceability. The capacity rating should NOT be exceeded under any circumstances.



People required for assembly / operation

An indicator of the persons typically required to safely assemble and operate the system in normal situations within manual handling guidelines. Every lift should be supported by the relevant risk assessment and method statement prior to the activity.



Transportation weight / method

The typical total weight of each system for transportation. Weights may vary marginally. The format explains whether the system is 'bagged' or 'flat packed' for easy and safe storage, handling and transportation.



ANSI Z359.18 for fall arrest

A compliant, temporary anchor point meeting strict requirements of ANSI Z359.18 for protection against falls from a height.



ATEX certified

The capability of equipment to work within an explosive atmosphere. Please contact REID for details.





> In the USA

To support our customers in the USA, REID Lifting Inc. has a dedicated sales office, a growing network of representatives and a substantial inventory of our core product range which are available through our partners in many states across the USA.

Additionally, REID Lifting are well placed to support organizations with a global foot print. REID Lifting have representation in all major trading areas of the world and are adept at supplying our products to major infrastructure projects around.

For further information about our partners and how we can connect you for local service, simply send an email to info@reidlifting.com.

> Who we work with

We work with multiple organisations across a range of sectors throughout 50 countries, providing them with pioneering lifting solutions that improve operational efficiency and safety.

Our expertise knows no bounds and, as a result, our products are used far and wide in industries, including:

- > Water & utilities
- > Oil & gas
- > Food & beverage production
- > Petrochemical
- > Renewable energy
- > Construction
- > Aerospace
- > Automotive
- > Height safety

There are no limits to the industries we serve.





> Dedicated training

We're not just product providers. It's important to us that our products are used as effectively and safely as possible, which is why we offer training for our full range of systems.

Our training is tailored to your needs and designed to make sure everybody knows how to safely assemble and use our systems. If you would like to find out more about our training sessions, contact us on info@reidlifting.com.

Head to our website where you can find a range of informative resources from product assembly videos to Assembly & Operation Guides all of which are designed to support our customers in safely and effectively operating and assembling our products.

US [REIDLIFTING.COM](https://www.reidlifting.com)



➤ Quality & safety – guaranteed

All of our products are rigorously tested for our customers benefit before they leave our factory in order to guarantee superior performance, ensuring that REID products are built to last.

REID Lifting operates an Integrated Management System certified by a UKAS accredited third party certification body to:

- ISO 9001:2015 – Quality Management System
- ISO 14001:2015 – Environmental Management System
- ISO 45001 – Health & Safety Management System



All REID products are designed by engineers with many years' experience in the lifting industry which underpins the Integrated Management System.

All products undergo thorough testing to prove functional and safety compliance. This includes working with Notified Bodies to prove compliance with National and International Standards such as ANSI Z359.18.2017.

REID are also proud to be a member of the Lifting Equipment Engineers Association.

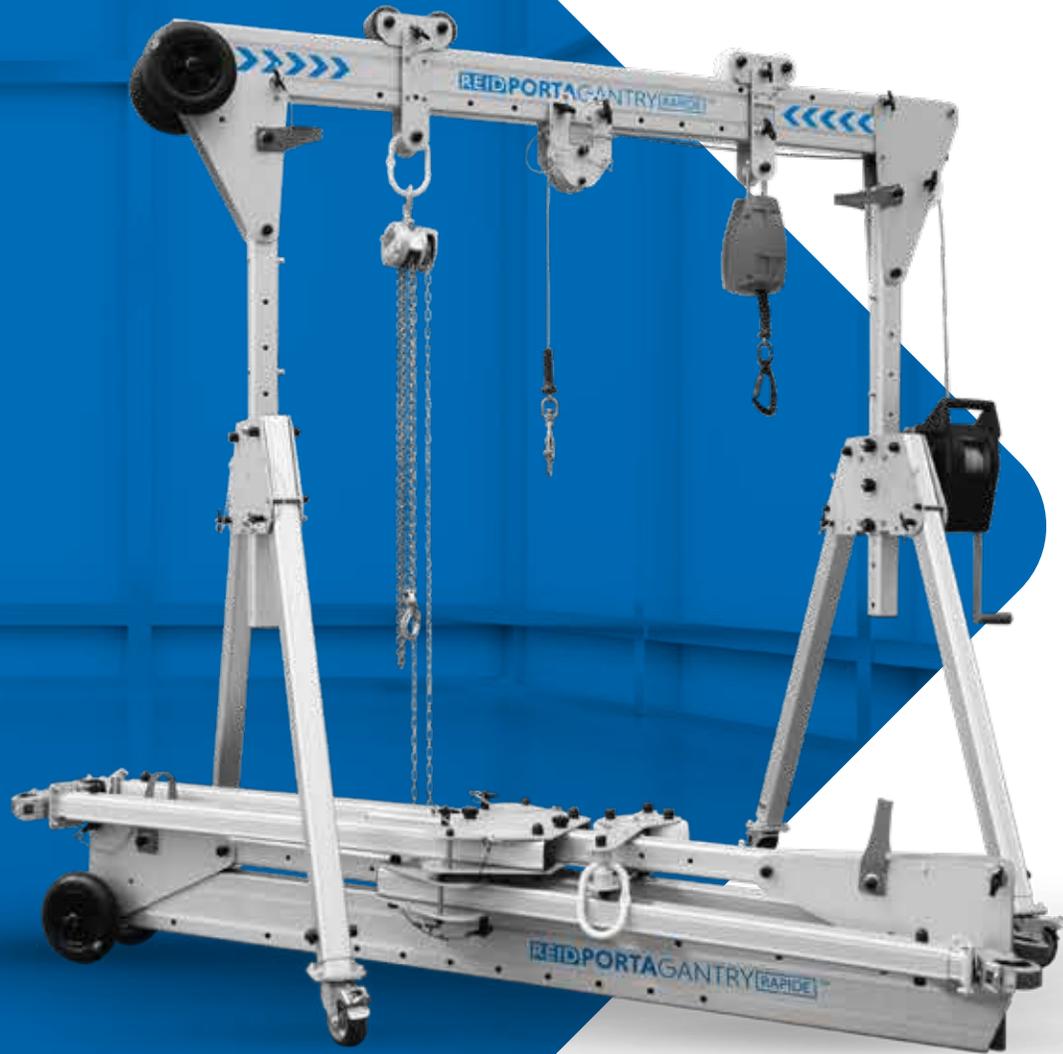
REID products are guaranteed for 10 years. (See terms and conditions for further details)



Gantry Systems

Innovative, convenient and easy to assemble, our two Gantry systems – the **PORTAGANTRY**[®] and **PORTAGANTRY**^[RAPIDE] – effortlessly enable safe lifting to take place in a wide range of working environments.

- 12** **PORTAGANTRY**
 - 20** **PORTAGANTRY** Load Baring Pneumatic Castor Model
 - 24** **PORTAGANTRY**^[RAPIDE]
 - 30** **Gantry Accessories**
- 



▶ PORTAGANTRY®

Carrying capacity of up to 11000lb for goods lifting

Ease of height adjustment with integrated ratchet

Ease of assembly including height and span adjustment

Ergonomic 360° swivel-locking castors, as standard

Engineered designs and tailor-made sections reduce weight, providing lightweight portability

Approved for up to 3 persons for fall protection applications

Stabilizer legs for ease of transportation and stowage of the A-frame

This product is patented

* Visit our website for our product assembly videos to find out how easy our **PORTAGANTRY®** range can be assembled in the field.

Our top quality and highly durable **PORTAGANTRY®** is lightweight and extremely strong. This portable system can be easily manually assembled and can safely lift up to 11000lb, making it ideal for multiple applications.

Key features

- OSHA compliant
- ANSI Z359.18-17 compliant for fall protection applications
- Can support goods and personnel lifting;
 - Goods lifting capacity of up to 11000lb
 - Personnel lifting capacity of up to 5500lb
- Approved for up to 3 persons for fall protection applications
- Beams and A-frames can be interchanged
- Ergonomic 360° swivel-locking castors, as standard
- Ease of assembly including height and span adjustment
- Anodized for increased corrosion resistance
- Engineered designs and tailor-made sections reduce weight, providing lightweight portability

Configurations

The **PORTAGANTRY®** is available in a range of configurations and can be customized in line with specific requirements (subject to capacity rating).

The **PORTAGANTRY®** has the ability to be moved under load. (Subject to detailed instruction and supervision by a competent person).



**11000LB
CAPACITY**



**1-4 PERSON
ASSEMBLY**



**196-690LB
FLAT PACK**



**ANSI
Z359.18-17
COMPLIANT**



**ATEX
CERTIFIED**

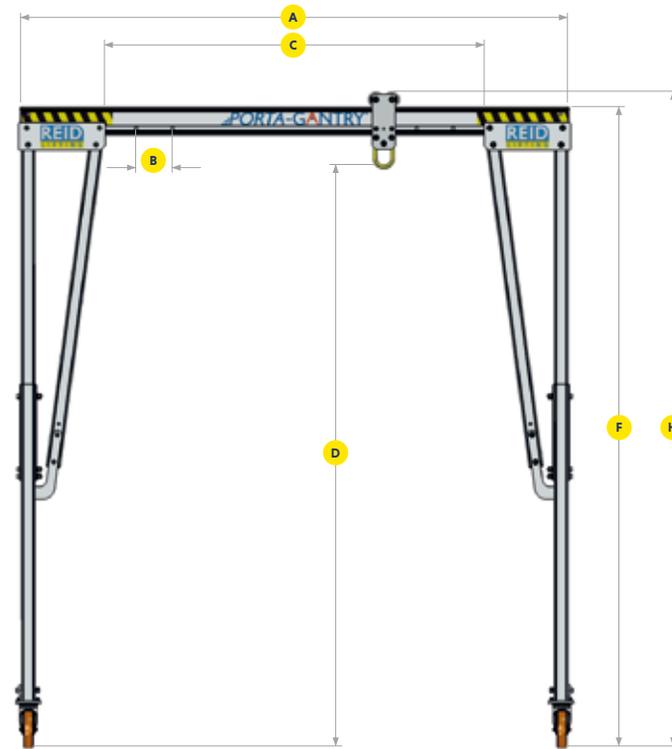
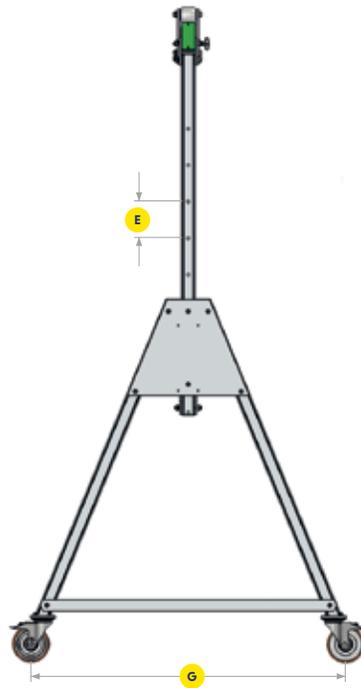
Features & Performance

	Capacity [lb]		
	4400	6600	11000
Accreditations, Certifications & Standards			
OSHA Compliant	✓	✓	✓
ANSI Z359.18-17	✓	✓	✓
Capacity			
Maximum Goods Lifting [lb]	4400	6600	11000
Maximum Personnel Lifting [lb]	2200	3300	5500
Fall Arrest [Persons] See rating in the systems table on page 14-15	✓	✓	✓
Dimensions			
Minimum Height Under Beam	5' 3¼"	9' 5¼"	9' 4¼"
Maximum Height Under Beam	19' 1½"	13' 4½"	13' 3½"
Minimum Span	5' 2¼"	5' 2¼"	11' ¾"
Maximum Span	24' 6½"	24' 6½"	15' ¼"
Trolley Options			
Master Link	✓	✓	✓
Gated	✓	✓	✓
Close Coupled	✓	✓	×
Gear Driven	✓	×	×
Integrated Hoist	✓	×	×
Standard Features			
Ratchet Height Adjustment	×	×	✓
Mechanical Aid Assembly	×	×	✓
Optional Extras			
Lobed Cheek Plates	✓	✓	✓
Winch Upgrade	✓	✓	✓
Wind Up Jack legs	✓	✓	✓
Trolley Rope Control System	✓	✓	✓
Festoon System	✓	✓	✓
Ratchet Height Adjustment	✓	✓	✓
Directional Lock Castors	✓	✓	✓
Shackled Cheek Plate	✓	✓	✓
Finishes			
Anodized	✓	✓	✓
316SS Fixings	Optional	Optional	Optional
Marine Spec	Optional	Optional	×

Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table.
All line items marked with a '✓' come as standard. All line items marked with a '×' are not available.
All line items marked with 'optional' are available as an option and may incur additional costs.

PORTAGANTRY®

- A** Beam length
- B** Beam adjustment
- C** Clear operating span
- D** Height to lifting eye
- E** Height increment
- F** Height to top of beam
- G** Width
- H** Height to top of roller



Capacity [lb]	Product Code	A	B	C	Dmax	Dmin	E	F	G	Hmax	Hmin	Fall Arrest Capacity** No. of Person(s)	Personnel Lifting [lb]	Castor Diameter	Beam Profile	Weight [lb]
		Beam Length	Beam Adjustment	Clear Operating Span	Max height to lifting eye	Min height to lifting eye	Height increment	Max height to top of beam	Width	Max height to top of roller	Min height to top of roller					
4400	US-PGSS04400S-8A	8' 2½"	2 x 8"	5' 2¼"	7' 8¼"	5' 2¾"	5 x 6"	8' 9¼"	3' 11¾"	9' ½"	6' 7"	2	2200	6"	6" x 3"	196
	US-PGSS04400S-10A	9' 10"	2 x 8"	6' 9¾"	7' 8¼"	5' 2¾"	5 x 6"	8' 9¼"	3' 11¾"	9' ½"	6' 7"	2	2200	6"	6" x 3"	203
	US-PGSS04400S-13A	12' 10¼"	4 x 8"	9' 10"	7' 8¼"	5' 2¾"	5 x 6"	8' 9¼"	3' 11¾"	9' ½"	6' 7"	2	2200	6"	6" x 3"	218
	US-PGSS04400S-15A	15'	8 x 8"	11' 11¾"	7' 8¼"	5' 2¾"	5 x 6"	8' 9¼"	3' 11¾"	9' ½"	6' 7"	2	2200	6"	6" x 3"	229
	US-PGSS04400S-18B	18' ½"	8 x 8"	15' ¼"	7' 8¼"	5' 2¾"	5 x 6"	8' 9¼"	3' 11¾"	9' ½"	6' 7"	2	2200	6"	6" x 3"	269
	US-PGSS04400S-27D	27' 6¾"	8 x 8"	24' 6½"	7' 7¼"	5' 1¾"	5 x 6"	9' 1"	3' 11¾"	9' 6"	7' ½"	2	2200	6"	10" x 3"	441

		Product Code	A Beam Length	B Beam Adjustment	C Clear Operating Span	Dmax Max height to lifting eye	Dmin Min height to lifting eye	E Height increment	F Max height to top of beam	G Width	Hmax Max height to top of roller	Hmin Min height to top of roller	Fall Arrest Capacity** No. of Person(s)	Personnel Lifting [lb]	Castor Diameter	Beam Profile	Weight [lb]	
4400	Intermediate	US-PGSS04400I-10A	9' 10"	2 x 8"	6' 9¾"	10' 5"	7' 1¾"	5 x 8"	11' 5¾"	5' 8"	11' 9"	8' 5 ¾"	1	2200	8"	6" x 3"	269	
		US-PGSS04400I-13A	12' 10¼"	4 x 8"	9' 10"	10' 5"	7' 1¾"	5 x 8"	11' 5¾"	5' 8"	11' 9"	8' 5 ¾"	1	2200	8"	6" x 3"	284	
		US-PGSS04400I-15A	15'	8 x 8"	11' 11¾"	10' 5"	7' 1¾"	5 x 8"	11' 5¾"	5' 8"	11' 9"	8' 5 ¾"	1	2200	8"	6" x 3"	295	
		US-PGSS04400I-18B	18' ½"	8 x 8"	15' ¼"	10' 5"	7' 1¾"	5 x 8"	11' 5¾"	5' 8"	11' 9"	8' 5 ¾"	1	2200	8"	6" x 3"	335	
		US-PGSS04400I-27D	27' 6¾"	8 x 8"	24' 6½"	10' 4"	7' ¾"	5 x 8"	11' 9¾"	5' 8"	12' 2 ¾"	8' 11½"	8' 11½"	1	2200	8"	10" x 3"	507
	Tail	US-PGSS04400T-10A	9' 10"	2 x 8"	6' 9¾"	13' 4 ¼"	9' 5"	6 x 8"	14' 5¼"	6' 7¼"	14' 8 ½"	10' 6"	10' 6"	1	2200	8"	6" x 3"	295
		US-PGSS04400T-13A	12' 10¼"	4 x 8"	9' 10"	13' 4 ¼"	9' 5"	6 x 8"	14' 5¼"	6' 7¼"	14' 8½"	10' 6"	10' 6"	1	2200	8"	6" x 3"	311
		US-PGSS04400T-15A	15'	8 x 8"	11' 11¾"	13' 4 ¼"	9' 5"	6 x 8"	14' 5¼"	6' 7¼"	14' 8½"	10' 6"	10' 6"	1	2200	8"	6" x 3"	322
		US-PGSS04400T-18B	18' ½"	8 x 8"	15' ¼"	13' 4 ¼"	9' 5"	6 x 8"	14' 5¼"	6' 7¼"	14' 8½"	10' 6"	10' 6"	1	2200	8"	6" x 3"	362
		US-PGSS04400T-27D	27' 6¾"	8 x 8"	24' 6½"	13' 3"	9' 3¾"	6 x 8"	14' 8 ¾"	6' 7¼"	15' 1¾"	11' 2½"	11' 2½"	1	2200	8"	10" x 3"	534
	Extra Tail	US-PGSS04400TC1-13A	12' 10¼"	4 x 8"	9' 10"	19' 1"	13' 2"	9 x 8"	20' 2"	8' 11½"	20' 5¼"	14' 6½"	14' 6½"	2	2200	8"	6" x 3"	512
		US-PGSS04400TC1-15A	15'	8 x 8"	11' 11¾"	19' 1"	13' 2"	9 x 8"	20' 2"	8' 11½"	20' 5¼"	14' 6½"	14' 6½"	2	2200	8"	6" x 3"	523
		US-PGSS04400TC1-18B	18' ½"	8 x 8"	15' ¼"	19' 1"	13' 2"	9 x 8"	20' 2"	8' 11½"	20' 5¼"	14' 6½"	14' 6½"	2	2200	8"	6" x 3"	562
		US-PGSS04400TC1-27D	27' 6¾"	8 x 8"	24' 6½"	19'	13' 1"	9 x 8"	20' 5¼"	8' 11½"	20' 10¾"	15'	15'	2	2200	8"	10" x 3"	734
	6600	Intermediate	US-PGSS06600I-10A	9'10"	2 x 8"	6'9¾"	10'5"	7'1¾"	5 x 8"	11'5¾"	5'8"	11'9"	8'5¾"	2	3300	8"	6" x 3"	371
			US-PGSS06600I-13B	12'10¼"	4 x 8"	9'10"	10'5"	7'1 ¾"	5 x 8"	11'5¾"	5'8"	11'9"	8'5¾"	3	3300	8"	6" x 3"	403
US-PGSS06600I-15B			15'	8 x 8"	11'11¾"	10'5"	7'1 ¾"	5 x 8"	11'5¾"	5'8"	11'9"	8'5¾"	3	3300	8"	6" x 3"	417	
US-PGSS06600I-18D			18'½"	8 x 8"	15'¼"	10'4"	7' ¾"	5 x 8"	11' 9 ¾"	5'8"	12'2 ¾"	8' 11 ½"	8' 11 ½"	3	3300	8"	10" x 3"	509
US-PGSS06600I-27D			27'6¾"	8 x 8"	24'6½"	10'4"	7' ¾"	5 x 8"	11' 9 ¾"	5'8"	12'2 ¾"	8' 11 ½"	8' 11 ½"	2	3300	8"	10" x 3"	608
Tail		US-PGSS06600T-10A	9' 10"	2 x 8"	6' 9¾"	13' 4 ¼"	9' 4 ¾"	6 x 8"	14' 5¼"	6' 7 ½"	14' 8½"	10' 9¼"	10' 9¼"	2	3300	8"	6" x 3"	422
		US-PGSS06600T-13B	12' 10¼"	4 x 8"	9' 10"	13' 4 ¼"	9' 4 ¾"	6 x 8"	14' 5¼"	6' 7 ½"	14' 8½"	10' 9¼"	10' 9¼"	2	3300	8"	6" x 3"	455
		US-PGSS06600T-15B	15'	8 x 8"	11' 11¾"	13' 4 ¼"	9' 4 ¾"	6 x 8"	14' 5¼"	6' 7 ½"	14' 8½"	10' 9¼"	10' 9¼"	2	3300	8"	6" x 3"	469
		US-PGSS06600T-18D	18' ½"	8 x 8"	15' ¼"	13' 3"	9' 3¾"	6 x 8"	14' 8¾"	6' 7 ½"	15' 1 ¾"	11' 2½"	11' 2½"	2	3300	8"	10" x 3"	561
		US-PGSS06600T-27D	27' 6¾"	8 x 8"	24' 6½"	13' 3"	9' 3¾"	6 x 8"	14' 8¾"	6' 7 ½"	15' 1 ¾"	11' 2½"	11' 2½"	2	3300	8"	10" x 3"	660
Extra Tail		US-PGSS06600TC2-13B	12'10¼"	4 x 8"	9'10"	18'1¼"	12'10¼"	8 x 8"	19'2¼"	8'11½"	19'5½"	14'2½"	14'2½"	2	3300	8"	6" x 3"	510
		US-PGSS06600TC2-15B	15'	8 x 8"	11'11¾"	18'1¼"	12'10¼"	8 x 8"	19'2¼"	8'11½"	19'5½"	14'2½"	14'2½"	2	3300	8"	6" x 3"	523
		US-PGSS06600TC2-18D	18'½"	8 x 8"	15'¼"	18' ¼"	12' 9 ¼"	8 x 8"	19'5¼"	8'11½"	19' 10 ¾"	14' 7 ¾"	14' 7 ¾"	2	3300	8"	10" x 3"	615
		US-PGSS06600TC2-27D	27'6¾"	8 x 8"	24'6½"	18' ¼"	12' 9 ¼"	8 x 8"	19'5¼"	8'11½"	19' 10 ¾"	14' 7 ¾"	14' 7 ¾"	2	3300	8"	10" x 3"	714
		US-PGSS06600TC2-27D	27'6¾"	8 x 8"	24'6½"	18' ¼"	12' 9 ¼"	8 x 8"	19'5¼"	8'11½"	19' 10 ¾"	14' 7 ¾"	14' 7 ¾"	2	3300	8"	10" x 3"	714
11000		Intermediate	US-PGSS11000IR-10D	9'10"	2 x 8"	6'10¼"	10'4"	7' ¾"	5 x 8"	11'9½"	5'8¾"	12'2½"	8'11"	3	5500	8"	10" x 3"	537
	US-PGSS11000IR-13D		12'10¼"	4 x 8"	9'10½"	10'4"	7' ¾"	5 x 8"	11'9½"	5'8¾"	12'2½"	8'11"	3	5500	8"	10" x 3"	570	
	US-PGSS11000IR-15D		15'	8 x 8"	12'	10'4"	7' ¾"	5 x 8"	11'9½"	5'8¾"	12'2½"	8'11"	8'11"	3	5500	8"	10" x 3"	593
	US-PGSS11000IR-18D		18'½"	8 x 8"	15' ¾"	10'4"	7' ¾"	5 x 8"	11'9½"	5'8¾"	12'2½"	8'11"	8'11"	3	5500	8"	10" x 3"	624
	Tail	US-PGSS11000TR-15D	15'	8 x 8"	11' 11¾"	13' 3½"	9' 4¼"	6 x 8"	14' 8¾"	6' 7½"	15' 1½"	11' 2¼"	11' 2¼"	3	5500	8"	10" x 3"	659
		US-PGSS11000TR-18D	18' ½"	8 x 8"	15' ¼"	13' 3½"	9' 4¼"	6 x 8"	14' 8¾"	6' 7½"	15' 1½"	11' 2¼"	11' 2¼"	3	5500	8"	10" x 3"	690
	Extra Tail	US-PGSS11000TC3R-13D	12'10¼"	4 x 8"	9'10½"	16'4½"	12'5¼"	6 x 8"	17'10"	8'4¾"	18'3"	14'4"	14'4"	3	5500	8"	10" x 3"	580
		US-PGSS11000TC3R-15D	15'	8 x 8"	12'	16'4½"	12'5¼"	6 x 8"	17'10"	8'4¾"	18'3"	14'4"	14'4"	3	5500	8"	10" x 3"	600
		US-PGSS11000TC3R-18D	18'½"	8 x 8"	15' ¾"	16'4½"	12'5¼"	6 x 8"	17'10"	8'4¾"	18'3"	14'4"	14'4"	3	5500	8"	10" x 3"	633

**Ratings using ANSI standards. Contact REID for other standards.

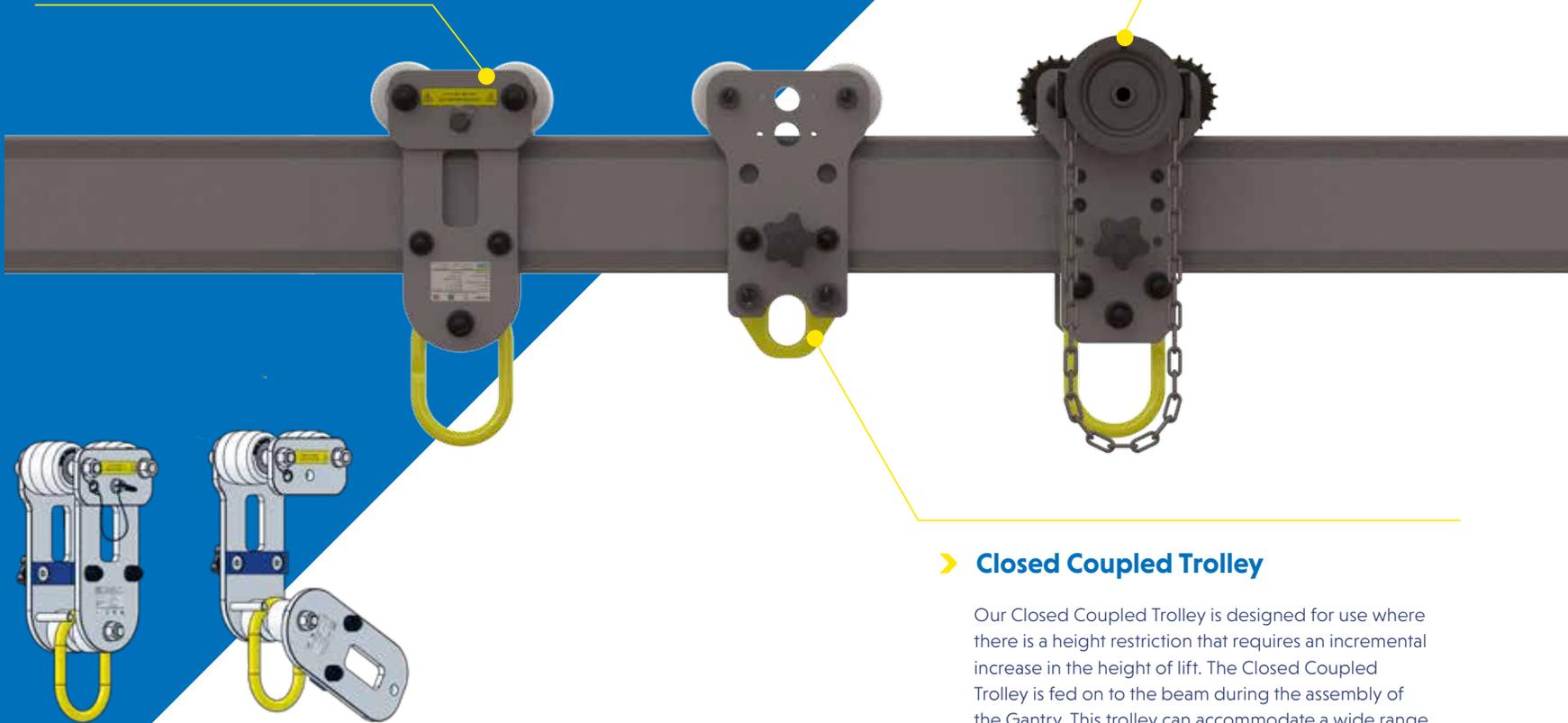
▶ PORTAGANTRY® Trolley Options

▶ Gated Trolley [Patent Pending]

Our Gated Trolley is expertly designed to incorporate a rotating plate and quick release pin for easy and rapid attachment to the beam. This unique and innovative product enables multiple trolleys to be attached to beam after the Gantry has been fully assembled and can also be locked in position on the beam.

▶ Gear Driven Trolley

The Gear Driven Trolley is fed on to the end of the beam during the assembly of the Gantry. It is designed to enable a load up to 4400lb to be moved safely along the beam in a controlled manner once lifted. Different chain lengths are available.



▶ Closed Coupled Trolley

Our Closed Coupled Trolley is designed for use where there is a height restriction that requires an incremental increase in the height of lift. The Closed Coupled Trolley is fed on to the beam during the assembly of the Gantry. This trolley can accommodate a wide range of hoists due to its large oval opening and can be locked into position on the beam.

* The Gated Trolley is tested to and meets the requirements of ANSI Z359.18 2017 for fall protection applications. Each trolley is rated 5000lb for this purpose.

> Gated Trolley



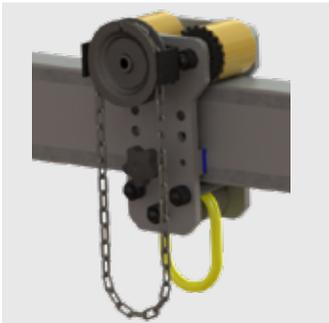
Product Code	Description
US-PGTGS04400	Gated Master Link Trolley rated up to 4400lb to Fit A or B Size Beam
US-PGTGL04400	Gated Master Link Trolley rated up to 4400lb to Fit D Size Beam
US-PGTGS06600	Gated Master link Trolley rated up to 6600lb to Fit A or B Size Beam
US-PGTGL06600	Gated Master link Trolley rated up to 6600lb to Fit D Size Beam
US-PGTGL11000	Gated Master link Trolley rated up to 11000lb to Fit D Size Beam

> Closed Coupled Trolley



Product Code	Description
US-PGTXS04400	Close Coupled Trolley rated up to 4400lb to fit A or B Beam
US-PGTXL04400	Close Coupled Trolley rated up to 4400lb to fit D Beam
US-PGTXS06600	Close Coupled Trolley rated up to 6600lb to Fit A or B Size Beam
US-PGTXL06600	Close Coupled Trolley rated up to 6600lb to Fit D Size Beam
US-PGTXL11000	Close Coupled Trolley rated up to 11000lb to Fit D Size Beam

> Gear Driven Trolley



Product Code	Description
US-PGTYS01100	Gear Driven Trolley rated up to 1100lb to Fit A or B Size Beam
US-PGTYS02200	Gear Driven Trolley rated up to 2200lb to Fit A or B Size Beam
US-PGTYL04400	Gear Driven Trolley rated up to 4400lb to Fit D Size Beam



➤ Gantry Assembly Aid

The Gantry Assembly Aid has been designed to aid in the ease of erecting and dismantling our PORTAGANTRY® systems. It is ideally suited to our intermediate and above-height gantries. The Assembly Aid reduces installation time, as well as manual handling requirements.

Product Code	Description
US-RAPG000200	Assembly aid only
US-RAPG000200 US-RAPG000201	Snap Hook Strop Kit for Intermediate and Tall Gantry Systems Assembly Aid
US-RAPG000200 US-RAPG000202	Snap Hook Strop Kit for TC4 and TC3 Gantry Systems Assembly Aid
US-RAPG000200 US-RAPG000203	Snap Hook Strop Kit for TC2 and TC1 Gantry Systems Assembly Aid
US-RAPG000204	Bag for Assembly Aid Kit



➤ Directional Lock Castors

Our Directional Lock Castors allow for our swivel castors to be made into a fixed castor temporarily - by locking the swivel head but not the wheel which means the castor moves in one direction. Directional locking castors are great for cornering or pivoting.

Product Code	Description
US-RSCA000008	Porta Gantry® Directional Lock Castors - up to 6600lb [Set of 1]
US-RSCA000010	Porta Gantry® Directional Lock Castors - up to 11000lb [Set of 1]



➤ Trolley Rope Control System

Our Rope Control System allows precise control over the movement of the load trolley from a safe location next to the A-frame. By utilizing a series of sheaves and a winch a mechanical advantage is added to the system reducing the effort during operations. This system not only adds a method of controlled movement of the load but also removes the need to manually handle the lifted load increasing the safety of the system.

Product Code	Description
US-PGRC00002	Rope Control System for use with PG Small with D section beam
US-PGRC00003	Rope Control System for use with PG Intermediate with A/B section beam
US-PGRC00004	Rope Control System for use with PG Intermediate with D section beam
US-PGRC00005	Rope Control System for use with PG Tall with A/B section beam
US-PGRC00006	Rope Control System for use with PG Tall with D section beam



➤ Wind-up Jack Legs

Our Wind-up Jack Legs offer infinite additional height adjustment up to 10". The Wind-up Jack Legs offer independent adjustment for use as a leveling system on uneven ground. The Jack Leg retracts beyond the base of the castors and so does not restrict the movement of the system.

Product Code	Description
US-PGWS00001U	PG Universal Wind Up Jack Legs up to 11000lb - Set of 4
US-PGWS00002U	PG Universal Wind up Jack Legs S&M up to 4400lb - Set of 4



> Shackled Cheek Plates

The shackled cheek plate has an integrated shackle pull point which allows for the attachment of a mechanical aid such as a chain hoist to control the movement of a loaded trolley along the beam. By utilizing a chain hoist to connect the trolley to the shackle the effort required to move a load during a lifting operation will be significantly reduced. This enables controlled movement of a load and ensures gantry stability when traversing a load along a beam.

Product Code	Description
US-RAPG000109	Porta Gantry® Cheek Plate & Shackle Pull Point Kit



> Winch Conversion Kit

Our Winch Conversion Kit enables the **PORTAGANTRY®** to be used with a wide range of winches or SRLs suitable for goods or personnel lifting. The kit comes with new cheek plates, a winch mounting column and a winch bracket to allow for our gantry beams to be prepared to accept a sheave carrier and A-frames a wide range of winches.

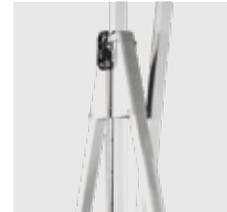
Product Code	Description
US-RAPG000077	Porta Gantry® A-frame Conversion Winch Ready Kit



> Festoon System

Our Festoon System has been designed to keep electric hoist power cords safely away from lifting operations and stored neatly along the gantry beam. The Universal Festoon Kit includes all the required components including; trollies, wire rope and fasteners. By then adding the power cable the system is ready for use.

Product Code	Description
US-RAPG000004	Porta Gantry® Festoon System and Brackets only Advise Beam Length



> Ratchet Height Adjustment

Our Ratchet Height Adjustment provides a mechanical aid for raising and lowering the height of the Gantry beam. The Ratchet Height Adjustment comes as a standard features on a range of A-frames and can be added as a feature on our entire **PORTAGANTRY®** product range.

Product Code	Description
US-RSPG000002	Porta Gantry® Tall Ratchet Kit
US-RSPG000026	Port Gantry® Intermediate Ratchet Kit



> Lobed Cheek Plates

Our Lobed Cheek Plates allow for ease of assembly when adjusting the operating span of the **PORTAGANTRY®** system. The modified cheek plates allows the clear operating span to be adjusted by moving one frame in, whilst still allowing the standard assembly methods to be observed.

Product Code	Description
US-RSPG000035	Porta Gantry® Lobed Cheek Plate up to 11000lb [Each]

PORTAGANTRY®

Load Bearing Pneumatic Castor Model



This product is patented

Our **PORTAGANTRY**® featuring load bearing Pneumatic Castors with air filled tyres offers a quality solution for customers that need to set up and locate their lifting solution on rough terrain, or on roof tops where a standard castor may otherwise cause damage to the surface material. Additionally, the gantry permits movement under load in many scenarios which is made possible by high quality directional locking castors and overall robust gantry design.

Key features

- › Directional locking dual wheel castors with integrated brakes
- › Tyres are air filled
- › Integrated lifting points and wheel on the frames to support safe raise and lower of the gantry with mechanical advantage
- › Integrated shackled cheek plates to enable safe load traversing along the beam
- › Integrated ratchet raise and lower system for height adjustment
- › Height adjustments at 4" (100mm) increments
- › Beam adjustment points to enable adjustment of the span to suit site conditions
- › Ability to be able to interchange frames for maximum utilisation and freedom to achieve even the most challenging of lifting tasks

Configurations

The **PORTAGANTRY**™ featuring load bearing Pneumatic Castors is available in a range of configurations and can be customised in line with specific requirements (subject to WLL rating).

The **PORTAGANTRY**™ featuring load bearing Pneumatic Castors has the ability to be moved under load. (Subject to detailed instruction and supervision by a competent person).



**4400-6600LB
CAPACITY**



**1-4 PERSON
ASSEMBLY**



**198-648LB
FLAT PACK**

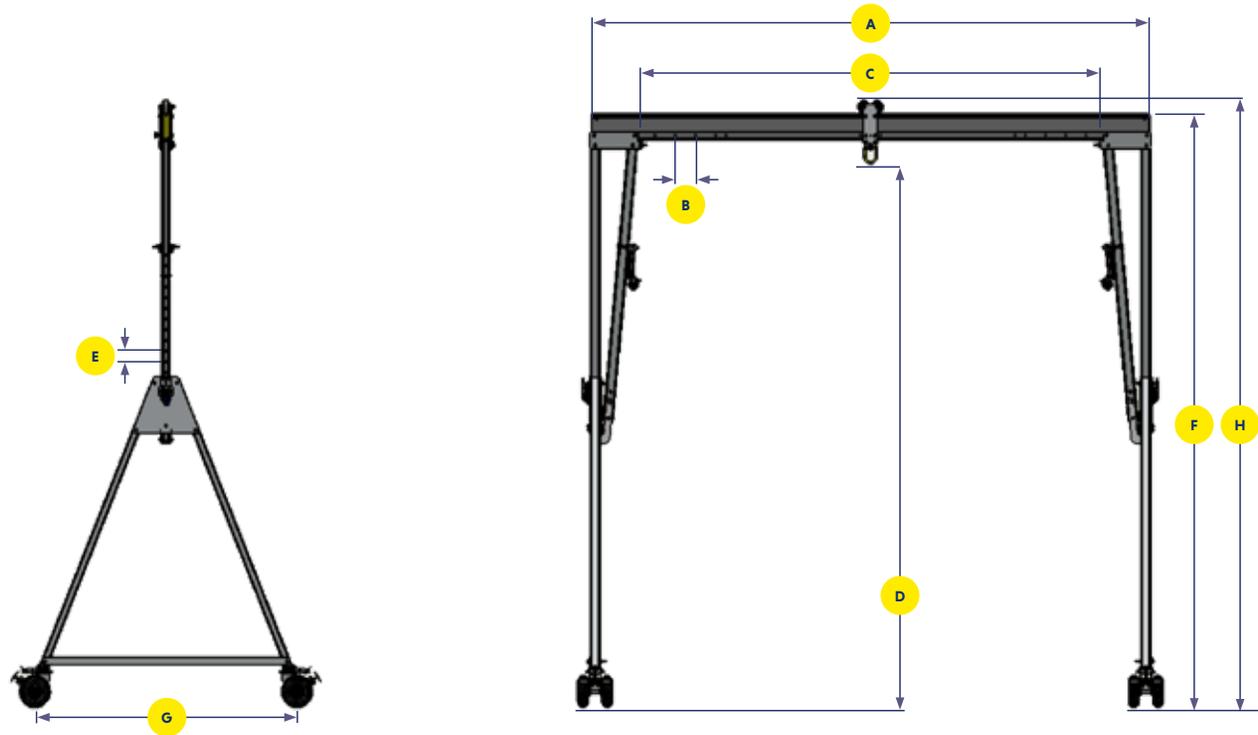
Features & Performance

	Capacity [lb]	
	4400	6600
Capacity		
Maximum Goods Lifting [lb]	4400	6600
Dimensions		
Minimum Height of Lift [in]	7' 6¾"	7' 6¾"
Maximum Height of Lift [in]	19' 5"	18' 6½"
Minimum working Span [in]	6' 10¼"	6' 10¼"
Maximum working Span [in]	24' 2¼"	24' 2¼"
Trolley Options		
Standard	✓	✓
Gated	✓	✓
Close Coupled	✓	✓
Integrated Hoist	✓	×
Standard Features		
Ratchet Height Adjustment	✓	✓
Mechanical aid Assembly	✓	✓
Shackled cheek plate	✓	✓
Additional height adjustment	✓	✓
Finishes		
Anodised	✓	✓
316SS Fixings	Optional	Optional

Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table. All line items marked with a '✓' come as standard. All line items marked with a 'X' are not available. All line items marked with 'optional' are available as an option and may incur additional costs.

The above features are incorporated in order to ensure maximum utilisation potential of this hybrid gantry solution and therefore maximise return on investment for the user. The gantry will not be rated as a fall protection product and is for material lifting only. For this reason castors cannot be retro-fitted to existing gantry frames.

- A** Beam length
- B** Beam adjustment
- C** Clear operating span
- D** Height to lifting eye
- E** Height increment
- F** Height to top of beam
- G** Width
- H** Height to top of roller



Standard Beam Length A (in) (Clear Operating Span C = A - 40½")

	10	13	15	18	19	27
A (in)	9'10"	12' 10"	15'	18' ½"	19' 8½"	27' 6½"
C min (in)	5'1¾"	6' 10¼"	6' 4½"	9' 5"	11' ¾"	18' 11¼"
C max (in)	6'5½"	9' 5¾"	11' 7¼"	14' 8"	16' 3¾"	24' 2¼"
4400	49	64	75	114	205	286
6600	49	81	95	187	205	286

Weight of Beams [lb]

*Clear operating span for D section beams is C = A - 40"
To ensure stability of the structure, the operating span of the beam must be equal to or greater than the distance between the castors on the A-Frame.

Dimensions [in]

Frame size [Product Code]	D max	E	D min	F max	H max	H min	G	A frame weight (lb)	Trolley roller size	Castor dimension
	Height to lifting eye	Height increment	Height to lifting eye	Height to top of the beam	Height to top of the roller	Height to top of the roller	Width			
US-PGAS04400I-PN	10' 10¾"	10 x 4"	7' 6¾"	11' 11¼"	12' 2½"	8' 11"	6' 8"	207	¾"	1' ½"
US-PGAS04400TC1-PN	19' 5"	18 x 4"	13' 6"	20' 7¼"	20' 10½"	14' 11½"	9' 11¼"	321	¾"	1' ½"
US-PGAS04400TC3-PN	16' 9¼"	12 x 4"	12' 10"	17' 11½"	18' 2¾"	14' 3½"	9' 4¼"	297	¾"	1' ½"
US-PGAS04400T-PN	13' 9¼"	12 x 4"	9' 10"	14' 10¾"	15' 1½"	11' 2¾"	7' ¾"	220	¾"	1' ½"
US-PGAS06600I-PN	10' 10¾"	12 x 4"	7' 6¾"	11' 11¼"	12' 2½"	8' 11"	6' 8"	257	¾"	1' ½"
US-PGAS06600TC2-PN	18' 6¾"	16 x 4"	13' 3¾"	19' 7¼"	19' 10½"	14' 7½"	9' 11¼"	310	¾"	1' ½"
US-PGAS06600TC3-PN	16' 9¼"	12 x 4"	12' 10"	17' 11½"	18' 2¾"	14' 3½"	9' 4¼"	297	¾"	1' ½"
US-PGAS06600T-PN	13' 9¼"	12 x 4"	9' 10"	14' 10¾"	15' 1½"	11' 2¾"	7' ¾"	284	¾"	1' ½"

Dimensions use standard Master Link Trolley, other options available to increase resulting height of lift (HoL) and to assist with load movement.

> Key Features



Pneumatic Castors with air filled tyres and swivel lock



Integrated shackled cheek plates



100mm ratchet height adjustment



Integrated assembly assist

PORTAGANTRY RAPIDE®

Integrated wheel design that folds with the frame for ease of transportation

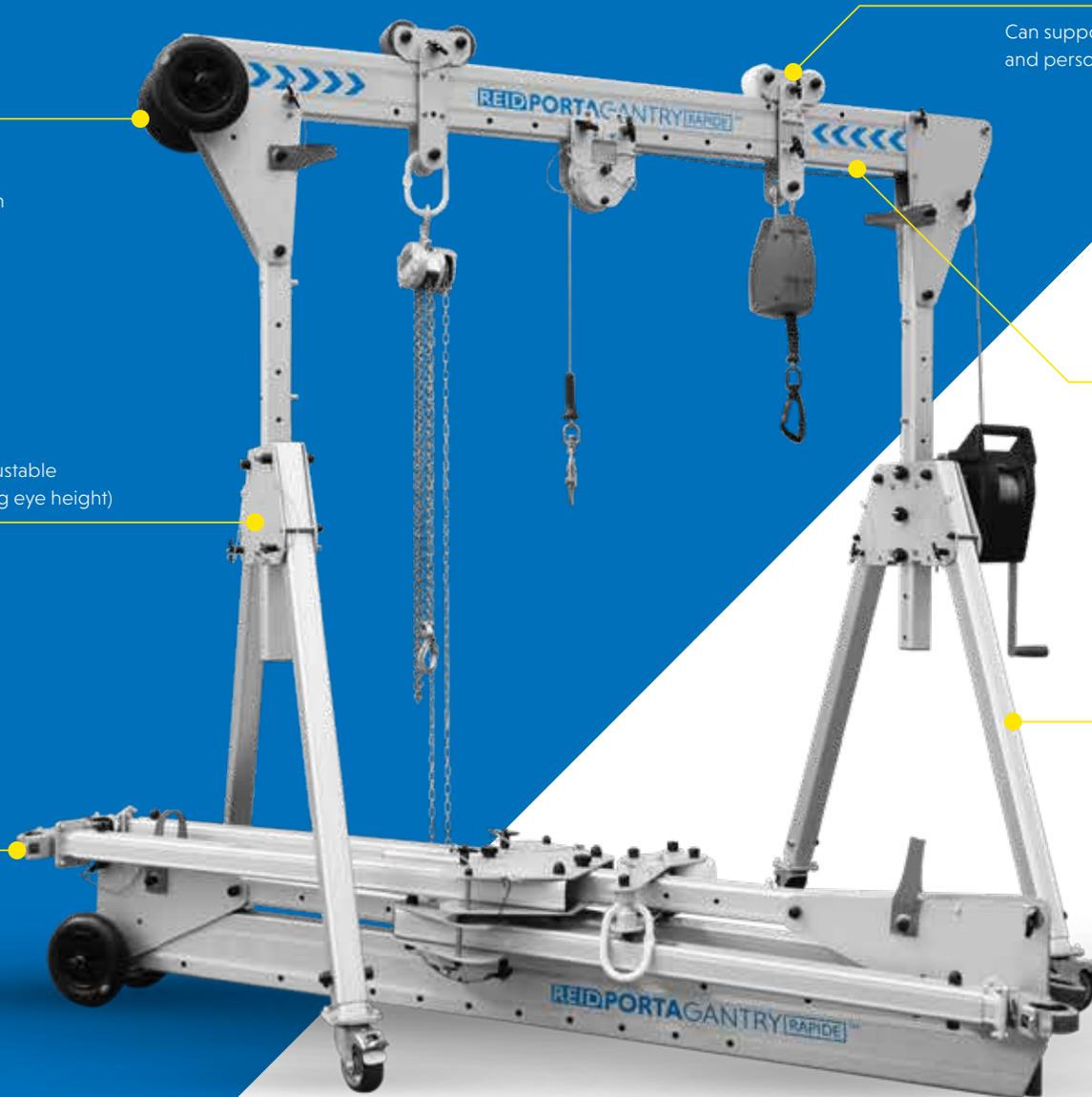
Available in 3 height-adjustable versions (up to 9.5ft lifting eye height)

Anodized for increased corrosion resistance

Can support goods and personnel lifting

Can accommodate a range of beam lengths up to 13ft

Engineered designs and tailor-made sections reduce weight, providing lightweight portability



This product is patented

* Visit our website for our product assembly videos to find out how easy our PORTAGANTRY RAPIDE range can be assembled in the field.

Our unique and innovative **PORTAGANTRY^{RAPIDE}** is a height adjustable, foldable aluminum gantry designed for rapid deployment. Capable of an impressive load lifting capacity of up to 2200lb.

This system can be assembled and disassembled by just one person within a minute without the need for any tools. This system is the perfect solution for Confined Space Access scenarios due to its unique features and ability to lift equipment and personnel.

Key features

- OSHA compliant
- ANSI Z359.18-17 compliant for fall protection applications
- Can support goods and personnel lifting;
 - Goods lifting capacity of up to 2200lb
 - Personnel lifting capacity of up to 1100lb
- Approved for up to 2 persons for fall protection applications
- Integrated wheel design that folds with the frame for ease of transportation
- Available in 3 height-adjustable versions (up to 9.5ft lifting eye height)
- Can accommodate a range of beam lengths up to 13ft
- Anodized for increased corrosion resistance
- Engineered designs and tailor-made sections reduce weight, providing lightweight portability

Configurations

The **PORTAGANTRY^{RAPIDE}** is available in a range of configurations and can be customized in line with specific requirements (subject to capacity rating).



**550-2200LB
CAPACITY**



**1-2 PERSON
ASSEMBLY**



**81-151LB
COMPACT
STORAGE**



**ANSI
Z359.18-17
COMPLIANT**



**ATEX
CERTIFIED**

Features & Performance

	Capacity [lb]	
	1100	2200
Accreditations, Certifications & Standards		
OSHA Compliant	✓	✓
ANSI Z359.18-17	✓	✓
Capacity		
Maximum Goods Lifting [lb]	1100	2200
Maximum Personnel Lifting [lb]	550	1100
Fall Arrest [Persons]	1	2*
Dimensions		
Minimum Height Under Beam	4' 9"	4' 8"
Maximum Height Under Beam	9' 7"	9' 5"
Beam Options		
Beam Span 6' 7"	✓	✓
Beam Span 7' 7"	✓	✗
Beam Span 9' 10"	✗	✓
Beam Span 13' 1"	✗	✓
Trolley Options		
Master Link	✓	✓
Close Coupled	✓	✓
Sheave Carrier	✓	✓
Standard Features		
Winch Capable	✓	✓
Foot Adjustment [4"]	✓	✓
Foldable	✓	✓
Transport Wheel	✓	✓
Assembly < 60sec	✓	✓
Finishes		
Anodized	✓	✓
Marine Spec	Optional	Optional

*See dimensions table for further details.

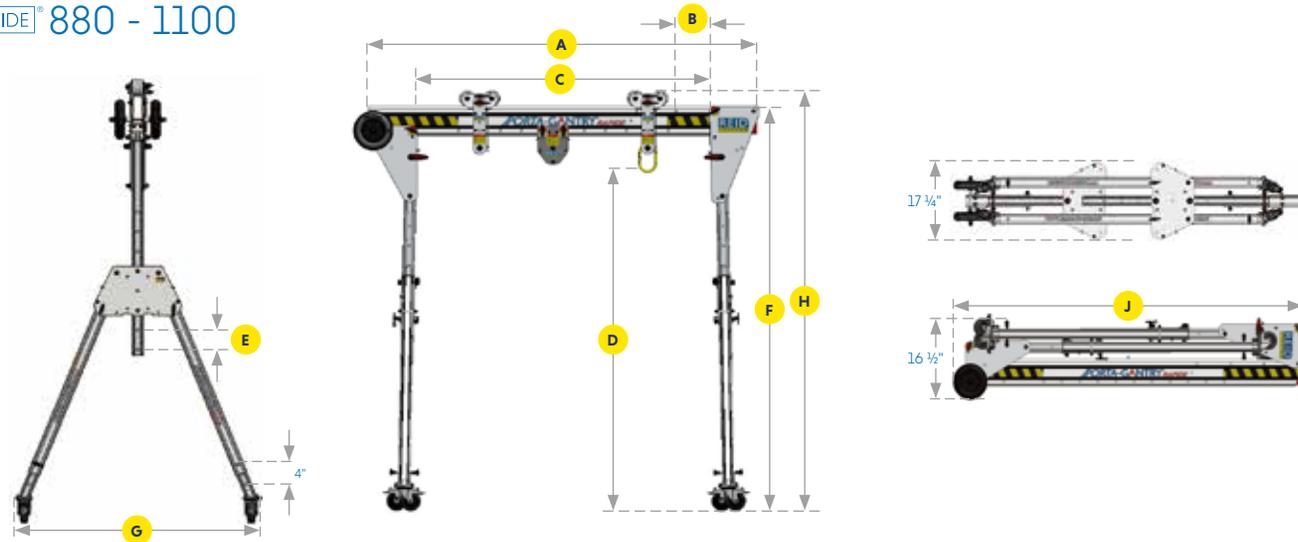
Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table.

All line items marked with a '✓' come as standard. All line items marked with a '✗' are not available.

All line items marked with 'optional' are available as an option and may incur additional costs.

PORTAGANTRY RAPIDE® 880 - 1100

- A Beam length
- B Beam adjustment
- C Clear operating span
- D Height to lifting eye
- E Height increment
- F Height to top of beam
- G Width
- H Height to top of roller
- J Folded dimensions



Dimensions [mm]

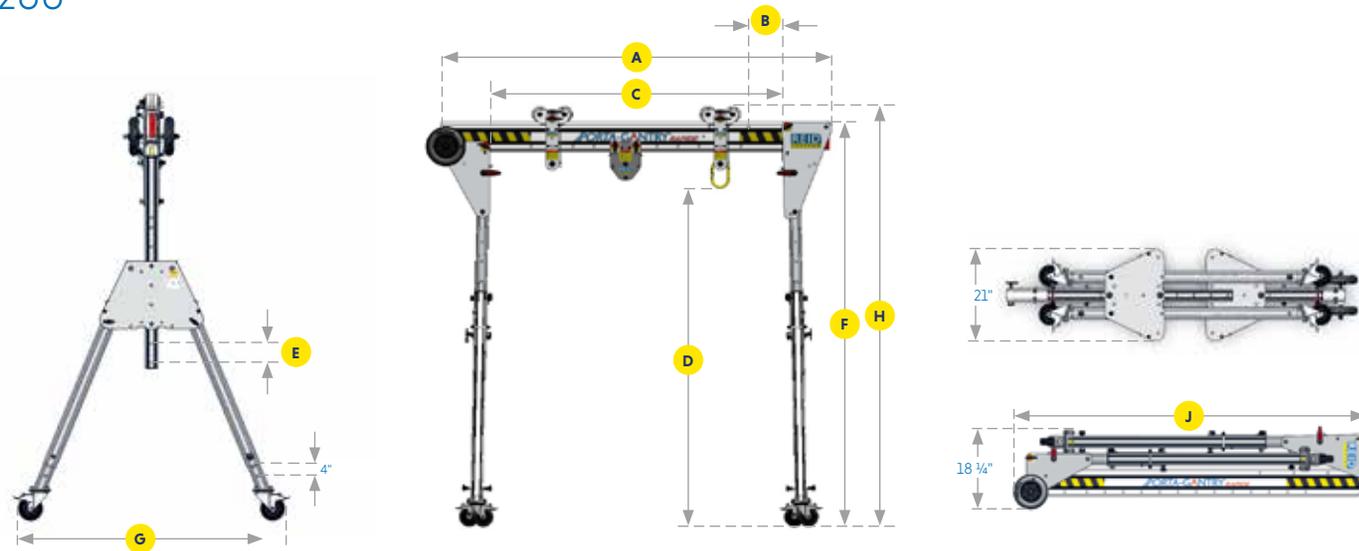
WLL

Product Code	A Beam Length	B Beam Adjustment	CMin Clear Operating Span	CMax Clear Operating Span	DMin Height to lifting eye	DMax Height to lifting eye	E Height increment	FMin Height to top of beam	FMax Height to top of beam	G Width	HMin Height to top of roller	HMax Height to top of roller	J Folding dimensions	Unit Weight*** [lb]	Goods Capacity [lb]	Fall Arrest Capacity**	Personnel Positioning** [lb]
US-PGRS20J	6' 6 3/4"	2x8"	3' 7 1/4"	4' 11"	4' 8 3/4"	6' 8 1/2"	6x4"	5' 10"	7' 9 1/2"	4' 3/4"	6' 1 1/4"	8' 3/4"	6' 10"	81	1100	1	550
US-PGRS23J	7' 6 1/2"	3 x 8"	3' 11 1/4"	5' 10 3/4"									7' 1/2"				
US-PGRM20J	6' 6 3/4"	2x8"	3' 7 1/4"	4' 11"	4' 9"	7' 1/2"	7x4"	5' 10"	8' 1 3/4"	4' 3"	6' 1 1/4"	8' 5"	6' 10"	82	880	1	440
US-PGRM23J	7' 6 1/2"	3 x 8"	3' 11 1/4"	5' 10 3/4"									7' 9 3/4"				

**Ratings using ANSI standards. Contact REID for other standards.

PORTAGANTRY RAPIDE® 2200

- A** Beam length
- B** Beam adjustment
- C** Clear operating span
- D** Height to lifting eye
- E** Height increment
- F** Height to top of beam
- G** Width
- H** Height to top of roller
- J** Folded dimensions



Dimensions [mm]

WLL

Product Code	A Beam Length	B Beam Adjustment	CMin Clear Operating Span	CMax Clear Operating Span	DMin Height to lifting eye	DMax Height to lifting eye	E Height increment	FMin Height to top of beam	FMax Height to top of beam	G Width	HMin Height to top of roller	HMax Height to top of roller	J Folding dimensions	Unit Weight*** [lb]	Goods Capacity [lb]	Fall Arrest Capacity**	Personnel Positioning** [lb]
US-PGR1TS20	6' 6¾"	2x8"	3' 7½"	4' 11¾"	4' 8"	6' 3¾"	5x4"	5' 11¾"	7' 7½"	4' 2"	6' 3"	7' 10¾"	6' 9¾"	113	2200	2	1100
US-PGR1TS30	9' 10"	3 x 8"	6' 2½"	8' 2½"									10' 1¼"	124			
US-PGR1TS40	13' 1½"	3 x 8"	9' 6¼"	11' 5¾"									13' 4½"	134			
US-PGR1TM20	6' 6¾"	2x8"	3' 7½"	4' 11¾"	5' 8¾"	7' 11¾"	7x4"	6' 9¾"	9' ¾"	4' 10½"	7' ½"	9' 4"	7' 2½"	122			
US-PGR1TM30	9' 10"	3 x 8"	6' 2½"	8' 2½"									10' 1¼"	132			
US-PGR1TM40	13' 1¾"	3 x 8"	9' 6¼"	11' 5¾"									13' 4½"	142			
US-PGR1TT20*	6' 6¾"	2x8"	2' 2½"	3' 6"	6' 5¾"	9' 5¾"	9x4"	7' 6½"	10' 6"	5' 6¾"	7' 9¾"	10' 9¾"	9' 3½"	130			
US-PGR1TT30*	9' 10"	3 x 8"	4' 9¾"	6' 9¾"									10' 1¼"	141			
US-PGR1TT40*	13' 1½"	3 x 8"	8' 1¼"	10' ¾"									13' 4½"	151			

*Trolley stops fitted to beam **Ratings using ANSI standards. Contact REID for other standards.

▶ PORTAGANTRY ^{RAPIDE} Accessories

▶ Sheave Carrier

Sheave carriers enable the use of winches or retrieval fall arrest devices with the PORTAGANTRY ^{RAPIDE}. They are detachable and can incorporate either one or two pulley wheels to act as guides for cables or ropes.

▶ Master-Link Trolley

Our Gated [patent pending] Master Link Trolley can be used when additional headroom or clearance is not an issue and the convenience of a large opening for the attachment of various hoists is preferred. This innovative product enables multiple trolleys to be attached to the beam after the system has been fully assembled and can also be locked in position on the beam.

▶ Close Coupled Trolley

Our Gated [patent pending] Close Coupled Trolley can be used when additional headroom or clearance is needed below the beam. This trolley can be attached to the beam after the system has been fully assembled.

▶ Sheave

Sheaves can be retroactively fitted to the PORTAGANTRY ^{RAPIDE} enabling winches or retrieval fall arrest devices to be attached to the trap plate of vertical column.

▶ Winch or SRL Brackets

Winch brackets can be attached to the trap plates or to the upright, depending on the winch and its orientation. REID offers a wide range of winch brackets for common goods and personnel winches and retrieval fall arrest devices. Due to the wide range and our ability to manufacture custom brackets, contact us with your requirements.



> **Master-Link Trolley**



Product Code	Description
US-PGTZR01100	Master-Link Trolley up to 1100lb
US-PGTZR02200	Master-Link Trolley up to 2200lb

> **Sheave Carrier**



Product Code	Description
US-PGTTR01100	Double Sheave Carrier up to 1100lb
US-PGTUR01100	Single Sheave Carrier up to 1100lb
US-PGTR02200	Sheave Carrier 1100lb Double Sheave
US-PGTUR02200	Sheave Carrier 1100lb Single Sheave

> **Close Coupled Trolley**



Product Code	Description
US-PGTXR01100	Close Coupled Trolley up to 1100lb
US-PGTXR02200	Close Coupled Trolley up to 2200lb

> **Sheave**



Product Code	Description
US-RAPGR00032	Rapide Universal Sheave and Ball Lock Pin Set

> Gantry Accessories



> Winch Brackets

We offer a wide range of winch brackets for common goods and personnel winches. The winch brackets can be attached to each Davit to support the application required. Operations & Assembly instructions can be found for each device on our website.



> SRL Brackets

We offer a range of universal bracket solutions that allow for use of Safety Retrieval Lifeline devices with our Davit range. Operations & Assembly instructions can be found for each device on our website.

> Supported Winch & SRL Devices

We support a wide range of devices with our custom brackets to fit our product solutions. For a complete list of all supported devices and solutions, please see page 31.



Winch & SRL Brackets Part Codes

	PORTAGANTRY [®] RAPIDE [™] 1100lb	PORTAGANTRY [®] RAPIDE [™] 2200lb	PORTAGANTRY [®] Small and Medium	PORTAGANTRY [®]	
Personnel Winches	Guardian Checkmate	US-RAWB001220	US-RAWB001220	US-RAWB001220	US-RAWB001200
	IKAR PLW	US-RAWB004220	US-RAWB004220	US-RAWB004225	US-RAWB004200
	MSA Workman	US-RAWB008220	US-RAWB008220	US-RAWB008220	US-RAWB008000
	3M SALA Winch	US-RAWB003520	US-RAWB003520	US-RAWB003522	US-RAWB003000
	3M DBI SALA Digital Winch	US-RAWB003520	US-RAWB003520	US-RAWB003522	US-RAWB003000
	Tuffbuilt Pro Series 1	US-RAWB009220	US-RAWB009220	US-RAWB009225	US-RAWB009200
	Tuffbuilt Pro Series 2	US-RAWB009320	US-RAWB009320	US-RAWB009325	US-RAWB009300
SRL Devices	Guardian FABXR	US-RAWB001020	US-RAWB001020	US-RAWB001020	US-RAWB001000
	3M Rebel Protect A	US-RAWB003520	US-RAWB003520	US-RAWB003522	US-RAWB003000
	SALA Sealed Block	US-RAWB003520	US-RAWB003520	US-RAWB003522	US-RAWB003000
	3M Sala Ultra-Lok	US-RAWB003525	US-RAWB003525	US-RAWB003520	US-RAWB003000
	Guardian 3-Way Rescue & Retrieval	US-RAWB007020	US-RAWB007020	US-RAWB007020	US-RAWB007000
	Honeywell/Miller	US-RAWB007020	US-RAWB007020	US-RAWB007020	US-RAWB007000
	MSA Rescuer	US-RAWB008020	US-RAWB008020	US-RAWB008020	US-RAWB008000



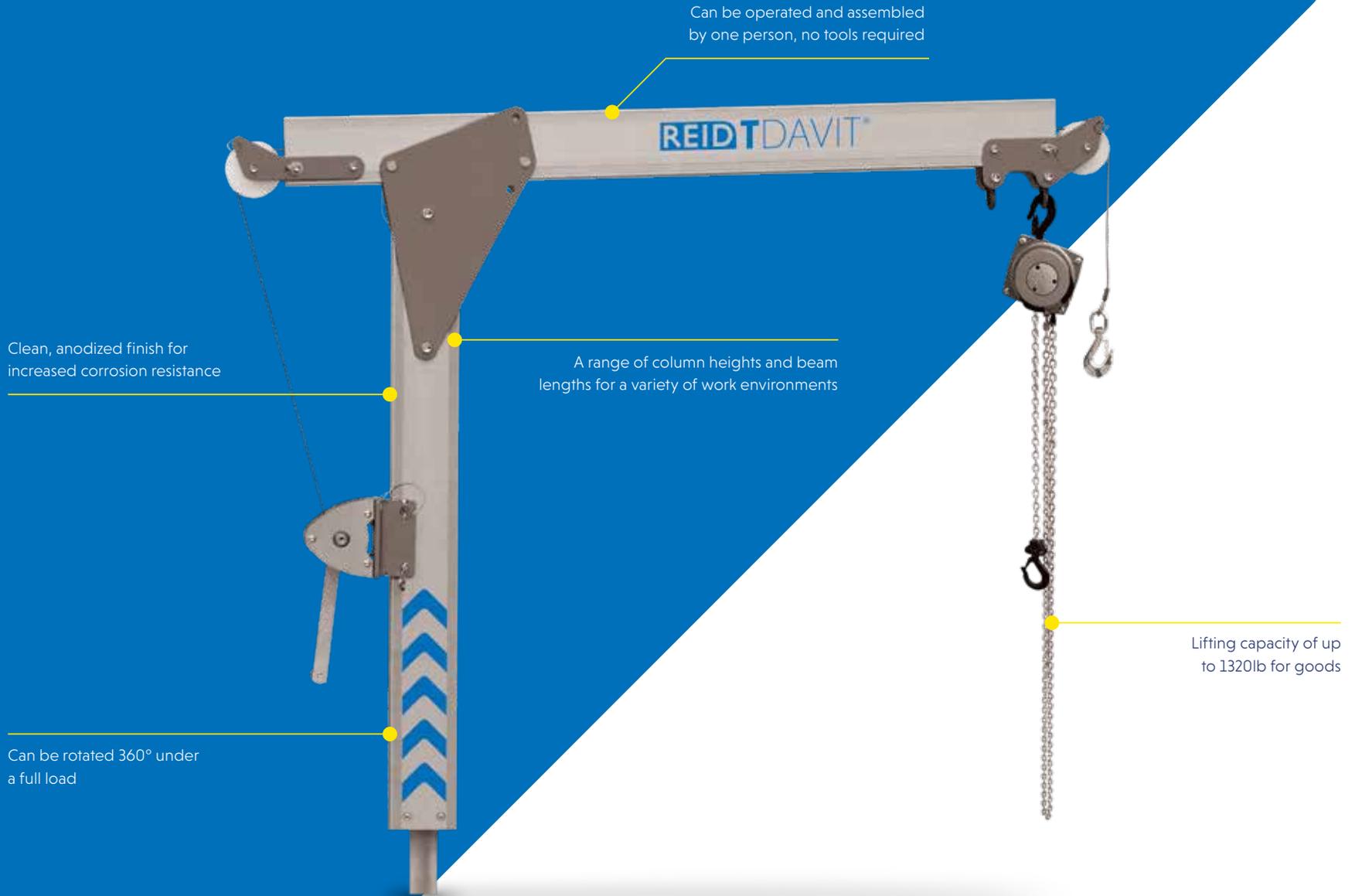
Davit Systems

We offer a number of different Davits for the widest range of applications, all of which are designed to make light work of lifting and lowering.

- 34** **TDAVIT**
- 38** **TDAVIT TDT**
- 42** **TDAVIT TDVW**
- 46** **PORTA**DAVIT^{QUANTUM}
- 50** **PORTX**™ DAVIT
- 54** **Davit Accessories**



> TDAVIT®



Can be operated and assembled by one person, no tools required

Clean, anodized finish for increased corrosion resistance

A range of column heights and beam lengths for a variety of work environments

Lifting capacity of up to 1320lb for goods

Can be rotated 360° under a full load

Our **TDAVIT** is lightweight, portable, and can be custom-designed and manufactured to specifically meet our customers' individual needs. Truly pioneering, it offers a lifting capacity of up to 1320lb and 360° rotation under a full load.

> Key features

- > OSHA compliant
- > Includes an anchor point for operator safety
- > Goods lifting capacity of up to 1320lb
- > Can be operated and assembled by one person, no tools required
- > Can be rotated 360° under a full load
- > Designed with a universal kingpin suitable for all REID sockets
- > A variety of attachments for a range of applications
- > Clean, anodized finish for increased corrosion resistance
- > Engineered designs and tailor-made sections reduce weight, providing lightweight portability

> Configurations

The **TDAVIT** is available in a range of configurations and can be customized in line with specific requirements (subject to capacity rating).

Available in 4 beam lengths.



**1320LB
CAPACITY**



**1 PERSON
ASSEMBLY**



**CUSTOMIZED
& BAGGED**



**ANSI
Z359.18-17
COMPLIANT**



**ATEX
CERTIFIED**

- > Due to the lightweight portability of the **TDAVIT**, why not consider fitting one to your truck with our range of socket options!

> Features & Performance

	BEAM 0	BEAM 1	BEAM 2	BEAM 3
Accreditations, Certifications & Standards				
OSHA Compliant	✓	✓	✓	✓
ANSI Z359.18-17	✓	x	x	x
Capacity				
Maximum Goods Lifting [lb]	1320	1100	1100	820
Maximum Personnel Lifting [lb]	660	550	550	410
Dimensions				
Maximum Reach	31½"	39¼"	47¼"	63"
Maximum Height	85¼"	88¼"	91¼"	96¾"
Socket Diameter				
Ø 2 ½"	✓	✓	✓	✓
Socket Options				
Top Mount	✓	✓	✓	✓
Flush Mount	✓	✓	✓	✓
Side Mount	✓	✓	✓	✓
Bridge Mount	✓	✓	✓	✓
Pedestal	✓	✓	✓	✓
Extension Post	✓	✓	✓	✓
Standard Features				
Shackle Lifting Points	✓	✓	✓	✓
Component Weight < 55lb	✓	✓	✓	✓
Optional Extras				
Winch Capable	✓	✓	✓	✓
Rotational Handle	✓	✓	✓	✓
Finishes				
Anodized	✓	✓	✓	✓
316SS Fixings	Optional	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional	Optional

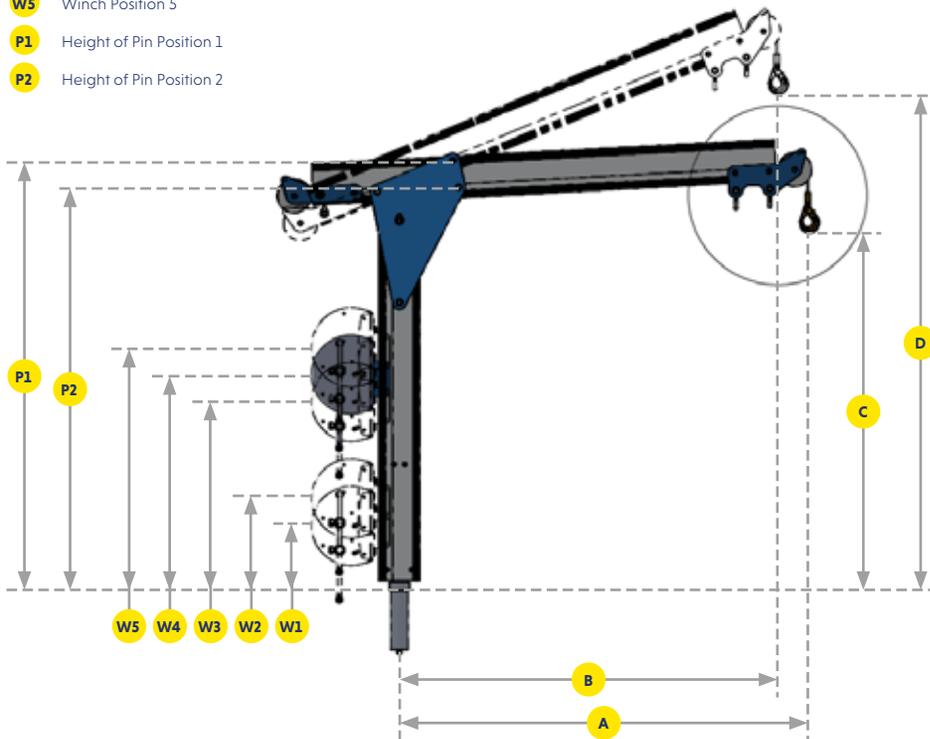
Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table.

All line items marked with a '✓' come as standard. All line items marked with a 'x' are not available.

All line items marked with 'optional' are available as an option and may incur additional costs.

TDAVIT®

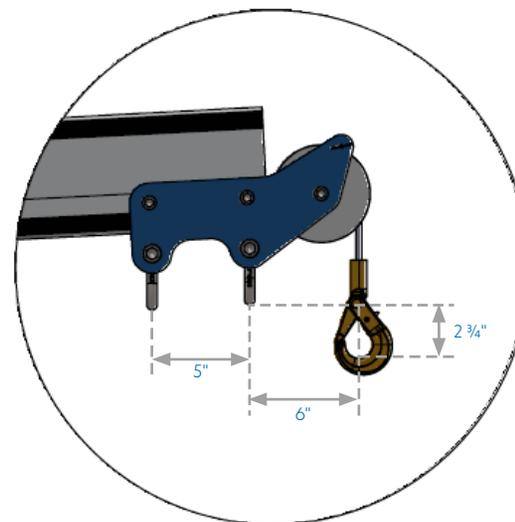
- A** Reach | Position A
- B** Reach | Position B
- C** Height of Lift | Position A
- D** Height of Lift | Position B
- W1** Winch Position 1
- W2** Winch Position 2
- W3** Winch Position 3
- W4** Winch Position 4
- W5** Winch Position 5
- P1** Height of Pin Position 1
- P2** Height of Pin Position 2



Product Code

Description

US-TDWA3A0	T-Davit Type W Column option 3 Beam option 0 1320lb
US-TDWA3A1	T-Davit Type W Column option 3 Beam option 1 1100lb
US-TDWA3A2	T-Davit Type W Column option 3 Beam option 2 1100lb
US-TDWA3A3	T-Davit Type W Column option 3 Beam option 3 820lb
US-TDWA4A0	T-Davit Type W Column option 4 Beam option 0 1320lb
US-TDWA4A1	T-Davit Type W Column option 4 Beam option 1 1100lb
US-TDWA4A2	T-Davit Type W Column option 4 Beam option 2 1100lb
US-TDWA4A3	T-Davit Type W Column option 4 Beam option 3 820lb
US-TDWA5A0	T-Davit Type W Column option 5 Beam option 0 1320lb
US-TDWA5A1	T-Davit Type W Column option 5 Beam option 1 1100lb
US-TDWA5A2	T-Davit Type W Column option 5 Beam option 2 1100lb
US-TDWA5A3	T-Davit Type W Column option 5 Beam option 3 820lb



> How To Specify A TDAVIT

Select a beam option from the table based on the reach you require. Each TDAVIT has two reach options A or B which is determined by the beam position [refer to the dimensional drawing on page 36].

Be aware that the beams with the larger reach reduce the capacity of the TDAVIT.

Select your column option from the dimensional table based on the height of lift you require. Column option 3 is our shortest standard column and option 5 is our tallest.

Should you need a greater height of lift, you can add a pedestal or socket extension, subject to restrictions [see page 68 for further information].

For our standard TDAVIT product codes refer to the product code list on page 36 for any custom requests please contact your REID representative.

To request a quote and any additional information on sockets or accessories such as winches and chain hoists, contact your local reseller or your REID representative.

Beam Option	0		1		2		3	
Beam Length	46¾"		57"		65"		80¾"	
Dimension	A	B	A	B	A	B	A	B
Reach	31½"	29¾"	39¼"	36½"	47¼"	43¾"	63"	58½"
Capacity [lb]	1320		1100		1100		820	
Beam Weight [lb]	25		26		29		35	

Column Options	Dimension	C	D	C	D	C	D	C	D	Weight	Winch Position		P1	P2
3	3	50¾"	60¾"	51¼"	63½"	51½"	66½"	52¼"	72¼"	51	W1	8¾"	58"	62"
											W2	12½"		
											W3	26½"		
											W4	30½"		
											W5	34½"		
4	4	63¾"	73"	63½"	76"	64"	79"	64¾"	84¾"	55	W3	26½"	70½"	74½"
											W4	30½"		
											W5	34½"		
5	5	75½"	85¼"	75¾"	88¼"	76¾"	91¼"	77"	96¾"	62	W5	34½"	82¾"	86½"

Dimensions are to hook on Winched type.

*Radii achieved at = 75% Capacity

REID TDAVIT® TDT

Can be operated and assembled by one person, no tools required

Integrated geared trolley which improves lateral movement of high capacity loads

Clean, anodized finish for increased corrosion resistance

A range of column heights and beam lengths for a variety of work environments

Can be rotated 360° under a full load



The **TDT** can be combined with many proprietary manual hand chain hoists. Suitable hoists are available from REID Lifting and can be combined with the product to provide a holistic lifting solution or can be purchased via our network of resellers operating in your area.

This product is patented

* See pages 56-71 for our range of fixed sockets and portable bases.

Our **TDAVIT – TDT** is lightweight, portable and has been designed to meet customer needs where the lifting and moving of equipment in tight spaces is a challenge.

Key features

- A range of 3 column and 4 beam sizes to suit customer specific needs
- Variable beam traversing via integrated geared trolley and customers choice of hoist
- Trolley can be secured during lift
- Trolley can be traversed whilst under load (34¼" to 45¾" of movement)
- Rotation under load due to patented integral bearing system
- Universal kingpin fits all REID sockets
- Manufactured from marine grade alloy and anodized/powder coated for increased corrosion resistance
- Quality engineering and production parts reduce weight and provide high strength to weight ratios
- Two piece design to reduce manual handling concerns during transportation and assembly
- ATEX Zone 2 (explosive atmospheres) certification as standard
- ATEX Zone 1 (explosive atmospheres) as optional upgrade
- Can be assembled and operated by one person. No tools required

Configurations

The TDT is available in several standard configurations to meet with customers most common requirements. Custom solutions can be offered by request, subject to the working load limit requirements.



**880LB
CAPACITY**



**1 PERSON
ASSEMBLY**



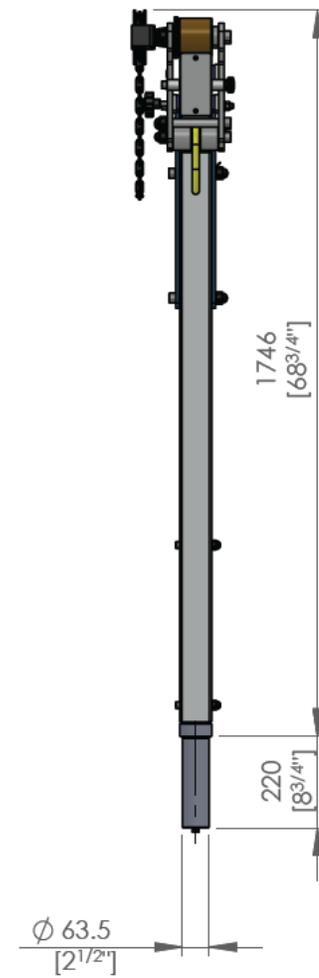
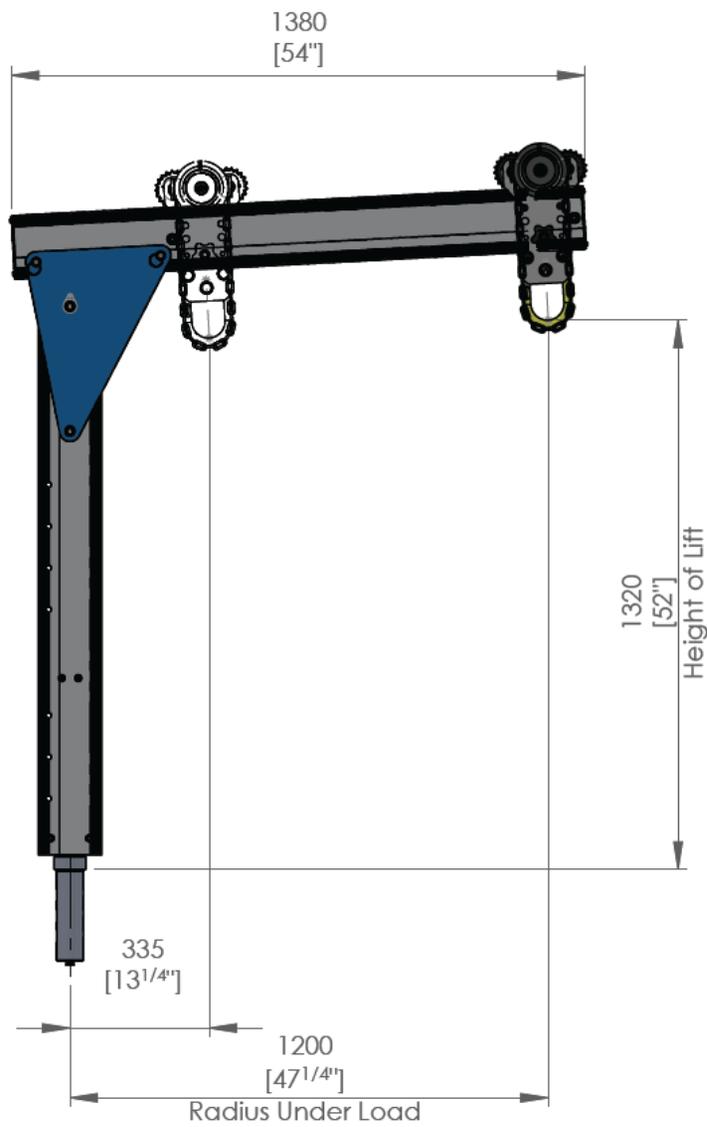
**CUSTOMIZED
& BAGGED**



**ATEX
CERTIFIED**

Features & Performance

	1200	1500	1700	2000
Accreditations, Certifications & Standards				
Directive 2006/42/EC	✓	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional	Optional
Capacity				
Max Goods Lifting (lb)	880	880	440	440
Dimensions				
Maximum Reach (inches)	47¼	59¼	67	78¼
Maximum Height of Lift (inches)	76½	77¼	77¼	78¼
Socket Diameter				
Ø 2 ½"	✓	✓	✓	✓
Socket Options				
Top Mount	✓	✓	✓	✓
Flush Mount	✓	✓	✓	✓
Side Mount	✓	✓	✓	✓
Bridge Mount	✓	✓	✓	✓
Pedestal	✓	✓	✓	✓
Standard Features				
Component Weight < 55lb	✓	✓	✓	✓
Geared Trolley	✓	✓	✓	✓
Finishes				
Anodised	✓	✓	✓	✓
316SS Fixings	Optional	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional	Optional



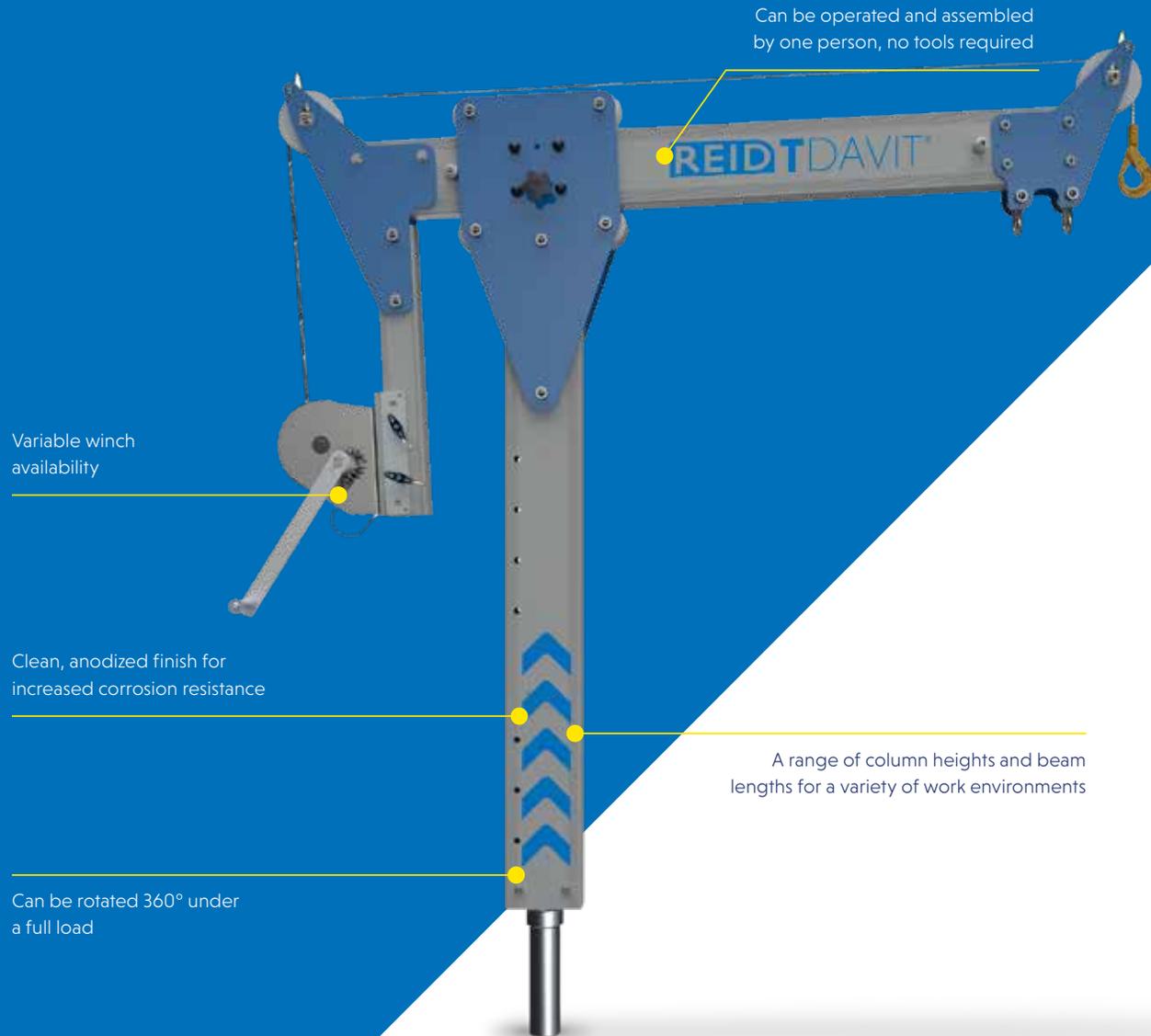
Below is a list of standard **TDT** variants, available from stock. Custom sizes are available if required, subject to limitations. For more information, please email our team at: info@reidlifting.com

► Part Numbers and Key Metrics

Part Number	Description	≈ effort on handchain to move trolley under load	Max WLL (Capacity) lb	Overall Davit Height (from Top of Socket) inches	"Max Height of Lift inches"	"Overall Beam Length inches"	"Max Radius inches"	"Min Radius inches"	"Range of Trolley Travel inches"
US-TDTA5047	T-Davit Type T Column 5 Radius 47" WLL880lb	22-33 lb	880lb	93¾"	76½"	54¾"	47¾"	13¾"	34¾"
US-TDTA5059	T-Davit Type T Column 5 Radius 59" WLL880lb	22-33 lb	880lb	94"	77¾"	65¾"	59¾"	13¾"	45¾"
US-TDTA5067	T-Davit Type T Column 5 Radius 67" WLL440lb	11-22 lb	440lb	94½"	77¾"	73¾"	67"	13¾"	53¾"
US-TDTA5078	T-Davit Type T Column 5 Radius 78" WLL440lb	11-22 lb	440lb	95"	78¾"	85"	78¾"	13¾"	65½"
US-TDTA4047	T-Davit Type T Column 4 Radius 47" WLL880lb	22-33 lb	880lb	81¾"	64½"	54¾"	47¾"	13¾"	34¾"
US-TDTA4059	T-Davit Type T Column 4 Radius 59" WLL880lb	22-33 lb	880lb	81¾"	65"	65¾"	59¾"	13¾"	45¾"
US-TDTA4067	T-Davit Type T Column 4 Radius 67" WLL440lb	11-22 lb	440lb	82¾"	65½"	73¾"	67"	13¾"	53¾"
US-TDTA4078	T-Davit Type T Column 4 Radius 78" WLL440lb	11-22 lb	440lb	82¾"	66"	85"	78¾"	13¾"	65½"
US-TDTA3047	T-Davit Type T Column 3 Radius 47" WLL880lb	22-33 lb	880lb	64¾"	52"	54¾"	47¾"	13¾"	34¾"
TDTA31500	T-Davit Type T Column 3 Radius 59" WLL880lb	22-33 lb	880lb	69¾"	52½"	65¾"	59¾"	13¾"	45¾"
US-TDTA3067	T-Davit Type T Column 3 Radius 67" WLL440lb	11-22 lb	440lb	69 ¾"	53"	73¾"	67"	13¾"	53¾"
US-TDTA3078	T-Davit Type T Column 3 Radius 78" WLL440lb	11-22 lb	440lb	70¾"	53½"	85"	78¾"	13¾"	65½"

Please note, that the TDT comes with a 1" hand chain as standard. Should you require additional chain length, this will need to be quoted for separately using the part code: RACB000001Y

> TDAVIT® TDVW



Can be operated and assembled by one person, no tools required

Variable winch availability

Clean, anodized finish for increased corrosion resistance

Can be rotated 360° under a full load

A range of column heights and beam lengths for a variety of work environments

Our **TDAVIT – TDVW** is lightweight, portable and has been designed to meet customer needs where the lifting and moving of equipment in tight spaces is a challenge.

Key features

- › A range of 3 columns and 4 beam sizes to suit customer specific needs
- › Variable beam length achieved with simple manual operation
- › Beam can be secured during lift
- › Easy beam adjustment whilst under load (28½" to 60¼ of movement)
- › Rotation under load due to patented integral bearing system
- › Universal kingpin fits all REID sockets
- › Manufactured from marine grade alloy and anodized/powder coated for increased corrosion resistance
- › Quality engineering and production parts reduce weight and provide high strength to weight ratios
- › Two piece design to reduce manual handling concerns during transportation and assembly
- › ATEX Zone 2 (explosive atmospheres) certification as standard
- › ATEX Zone 1 (explosive atmospheres) as optional upgrade
- › Can be assembled and operated by one person. No tools required

Configurations

The **TDVW** is available in several standard configurations to meet with customers most common requirements. Custom solutions can be offered by request, subject to the working load limit requirements.

Winches

The **TDVW** is compatible with a number of goods winches which are available to purchase directly from REID, or alternatively these can be purchased via our network of resellers operating in your area.



**660LB
CAPACITY**



**1 PERSON
ASSEMBLY**



**CUSTOMIZED
& BAGGED**

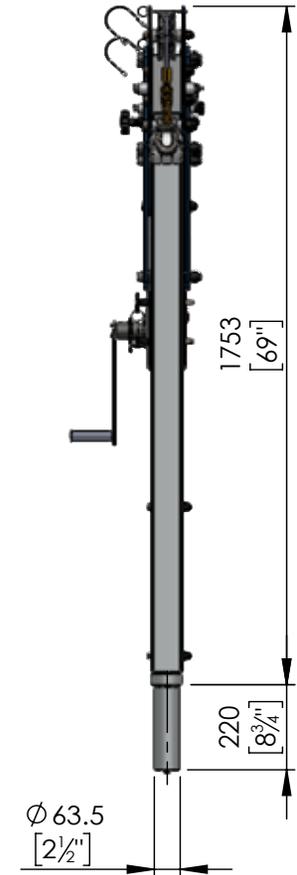
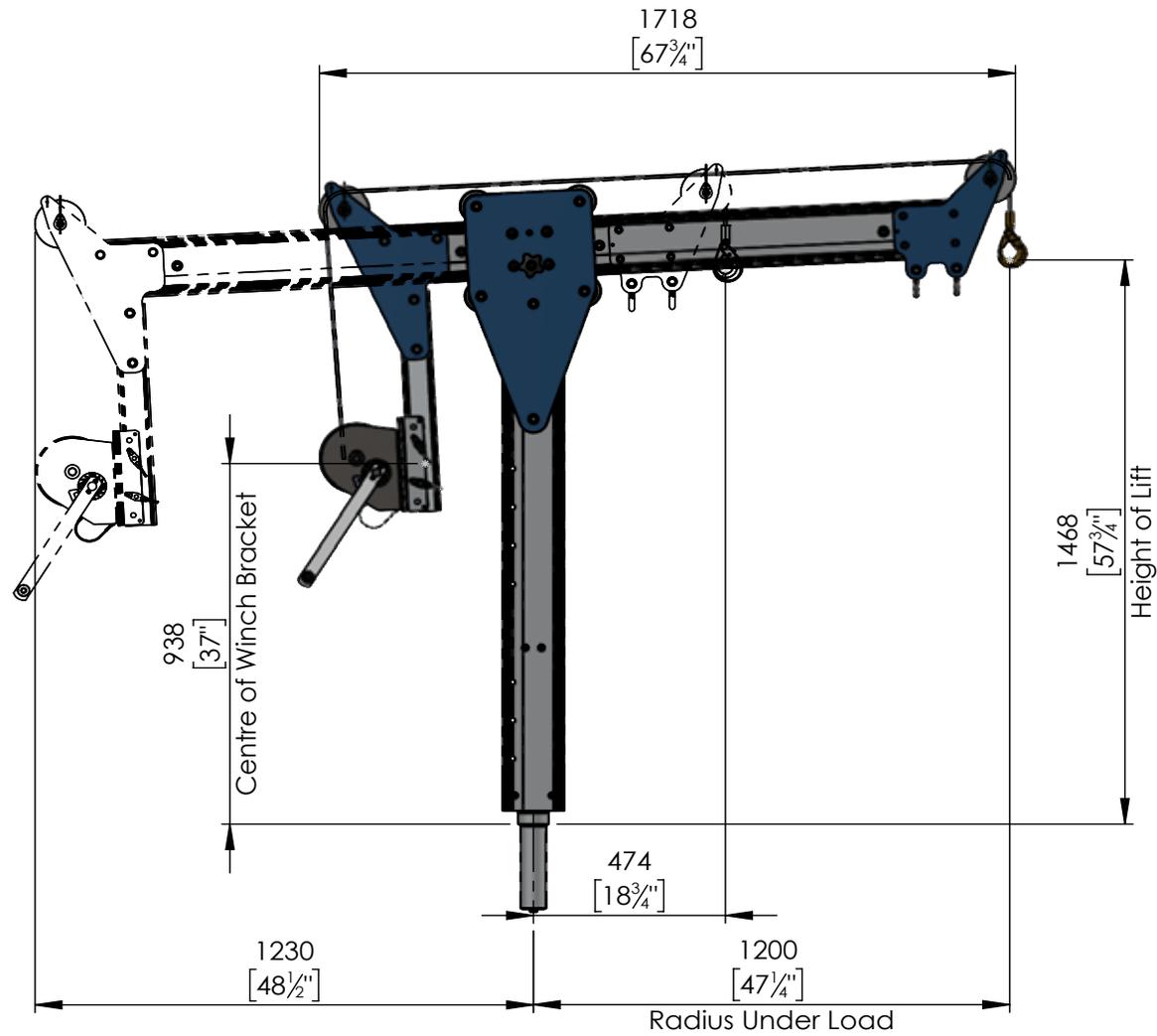


**ATEX
CERTIFIED**

Features & Performance

	1200	1500	1700	2000
Accreditations, Certifications & Standards				
Directive 2006/42/EC	✓	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional	Optional
Capacity				
Max Goods Lifting (lb)	660	660	330	330
Dimensions				
Maximum Reach (inches)	47¼	59¼	67	78¼
Maximum Height of Lift (inches)	82½	83	83½	84
Socket Diameter				
Ø 2 ½"	✓	✓	✓	✓
Socket Options				
Top Mount	✓	✓	✓	✓
Flush Mount	✓	✓	✓	✓
Side Mount	✓	✓	✓	✓
Bridge Mount	✓	✓	✓	✓
Pedestal	✓	✓	✓	✓
Standard Features				
Shackle Lifting points	✓	✓	✓	✓
Finishes				
Anodized	✓	✓	✓	✓
316SS Fixings	Optional	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional	Optional

Winch and bracket not included as standard



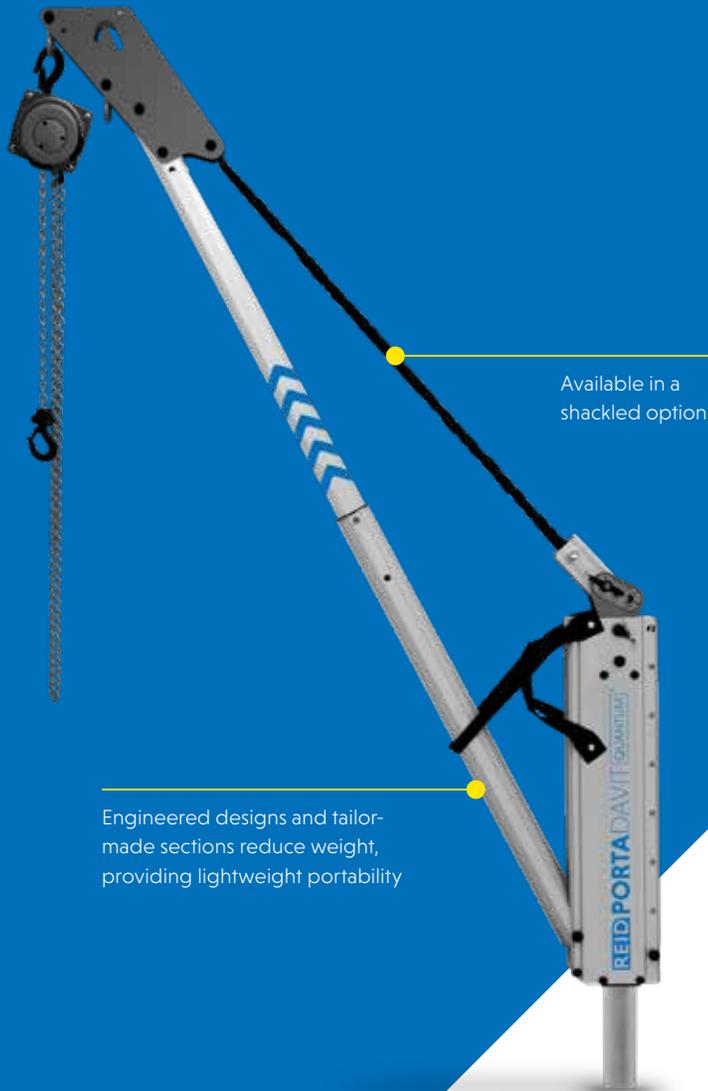
Below is a list of standard **TDVW** variants, available from stock.
 Custom sizes are available if required, subject to limitations. For more information, please email our team at: info@reidlifting.com

➤ Part Numbers and Key Metrics

Part Number	Description	≈ effort to move beam under load	Max WLL (Capacity) lb	Overall Davit Height (from Top of Socket) inches	Max Height of Lift inches	Overall Beam Length inches	Max Radius inches	Min Radius inches	Range of Beam Travel inches	Clearance required for max beam travel inches
US-TDVWA5047	T-Davit Type VW Column 5 Radius 47" WLL660lb	55-66lb	660lb	93¼"	82½"	67¾"	47¼"	18¾"	28½"	95¾"
US-TDVWA5059	T-Davit Type VW Column 5 Radius 59" WLL660lb	55-66lb	660lb	94¼"	83"	78½"	59¼"	18¾"	40½"	118¼"
US-TDVWA5067	T-Davit Type VW Column 5 Radius 67" WLL330lb	44-55lb	330lb	94¼"	83½"	87"	67"	18¾"	48¾"	134¾"
US-TDVWA5078	T-Davit Type VW Column 5 Radius 78" WLL330lb	44-55lb	330lb	95¼"	84"	97¾"	78¾"	18¾"	60¼"	157¼"
US-TDVWA4047	T-Davit Type VW Column 4 Radius 47" WLL660lb	55-66lb	660lb	81½"	70¼"	67¾"	47¼"	18¾"	28½"	95¾"
US-TDVWA4059	T-Davit Type VW Column 4 Radius 59" WLL660lb	55-66lb	660lb	82"	70¾"	78½"	59¼"	18¾"	40½"	118¼"
US-TDVWA4067	T-Davit Type VW Column 4 Radius 67" WLL330lb	44-55lb	330lb	82½"	71¾"	78½"	67"	18¾"	48¾"	134¾"
US-TDVWA4078	T-Davit Type VW Column 4 Radius 78" WLL330lb	44-55lb	330lb	83"	71¾"	97¾"	78¾"	18¾"	60¼"	157¼"
US-TDVWA3047	T-Davit Type VW Column 3 Radius 47" WLL660lb	55-66lb	660lb	69"	57¾"	67¾"	47¼"	18¾"	28½"	95¾"
US-TDVWA3059	T-Davit Type VW Column 3 Radius 59" WLL660lb	55-66lb	660lb	69½"	58¾"	78½"	59¼"	18¾"	40½"	118¼"
US-TDVWA3067	T-Davit Type VW Column 3 Radius 67" WLL330lb	44-55lb	330lb	70"	58¾"	87"	67"	18¾"	48¾"	134¾"
US-TDVWA3078	T-Davit Type VW Column 3 Radius 78" WLL330lb	44-55lb	330lb	70½"	59¼"	97¾"	78¾"	18¾"	60¼"	157¼"

Kingpin height - 821/32. Diameter 2½".

▶ PORTADAVIT QUANTUM®



Available in a shackled option

Engineered designs and tailor-made sections reduce weight, providing lightweight portability



Available in a winched option

Ease of assembly with the use of just one pin, no tools required

This product is patented

* See pages 56-71 for our range of fixed sockets and portable bases.

Our portable **PORTADAVIT^{QUANTUM}** is a rapidly deployable, lightweight solution to heavy lifting and lowering of goods. Weighing just 41lb when fully assembled, it can be manually operated by just one person while maintaining a lifting capacity up to 1320lb.

Key features

- OSHA compliant
- Includes an anchor point for operator safety
- Goods lifting capacity of up to 1320lb
- Ease of assembly with the use of just one pin, no tools required
- Designed with a universal kingpin suitable for all REID sockets
- Ease of rotation under a full load
- Easy reach adjustment points
- Bagged for ease of transportation
- Clean, anodized finish for increased corrosion resistance
- Engineered designs and tailor-made sections reduce weight, providing lightweight portability

Configurations

The **PORTADAVIT^{QUANTUM}** is available in a strop and winched version for use with a range of lifting equipment.



**1320LB
CAPACITY**



**1 PERSON
ASSEMBLY**



**FROM
41LB**



**ATEX
CERTIFIED**

- Due to the lightweight portability of the **PORTADAVIT^{QUANTUM}**, why not consider fitting one to your truck with our range of socket options!

Features & Performance

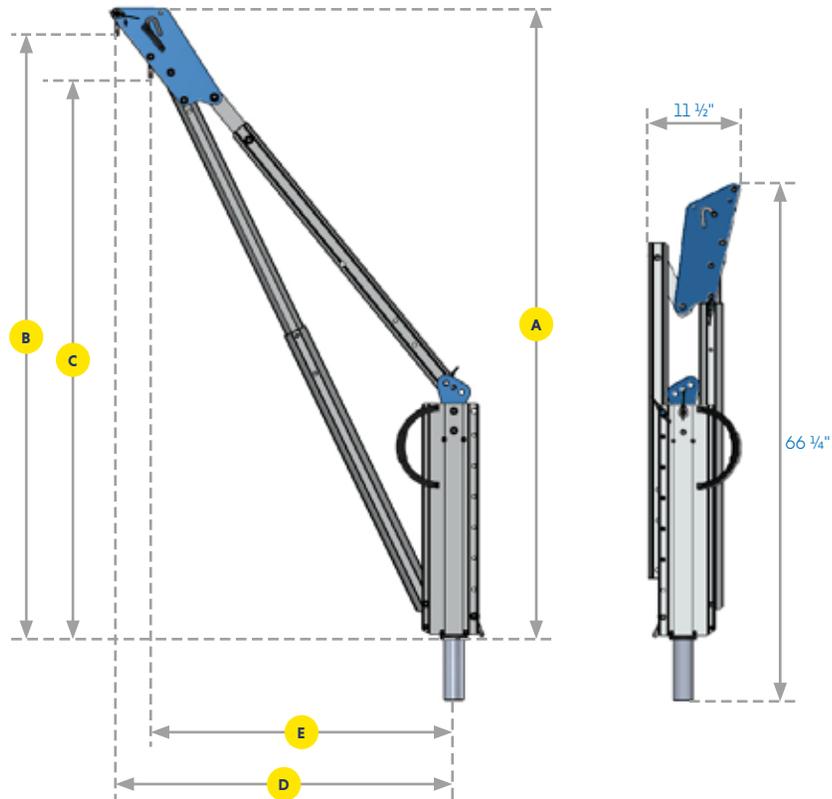
	PDQ 1	PDQ 2
Accreditations, Certifications & Standards		
OSHA Compliant	✓	✓
Capacity		
Maximum Goods Lifting [lb]	1320	1100
Maximum Personnel Lifting [lb]	650	550
Dimensions		
Maximum Reach	47"	59"
Maximum Height	83"	77"
Socket Diameter		
Ø 2 ½"	✓	✓
Socket Options		
Top Mount	✓	✓
Flush Mount	✓	✓
Side Mount	✓	✓
Bridge Mount	✓	✓
Pedestal	✓	✓
Extension Post	✓	✓
Standard Features		
One Piece Unit	✓	✓
Multiple Accessory Attachment	✓	✓
Shackle Lifting Points	✓	✓
Weight < 55lb	✓	✓
Optional Extras		
Winch Capable	✓	✓
Rotational Handle	✓	✓
Finishes		
Anodized	✓	✓
316SS Fixings	Optional	Optional
Marine Spec	Optional	Optional

Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table. All line items marked with a '✓' come as standard. All line items marked with a 'X' are not available. All line items marked with 'optional' are available as an option and may incur additional costs.

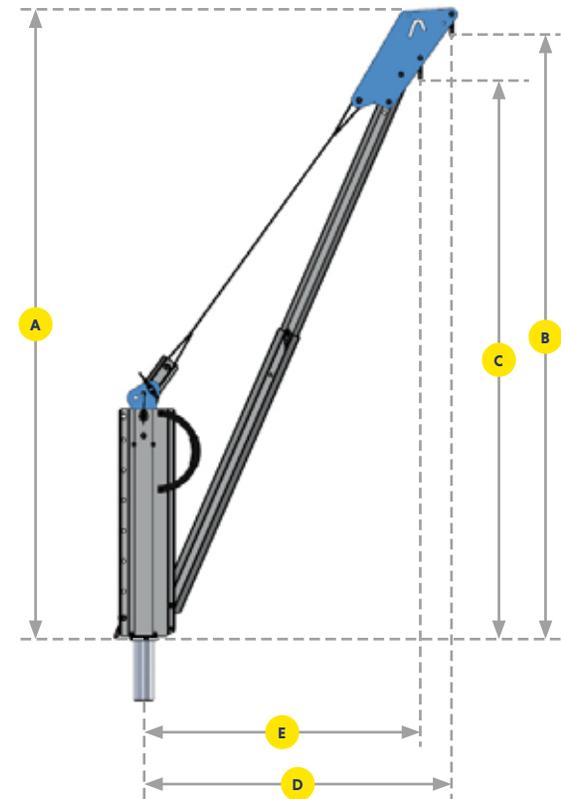
PORTADAVIT QUANTUM®

- A** Overall height
- B** Height to outer shackle
- C** Height to inner shackle
- D** Reach to outer shackle
- E** Reach to inner shackle

WINCHED [W]



STROP [S]



Product Code	System Weight [lb]	Capacity [lb]	Reach Adjustment Points	Dimensions				
				A	B	C	D*	E*
US-PDQ1S	41	1320lb	1	79"	76¼"	70¾"	47¼"	43¼"
US-PDQ1W	50		2	81¼"	78¼"	72¾"	43¾"	39¾"
			3	83"	80¾"	74½"	39¾"	35½"
US-PDQ2S	42	1100lb	1	72¼"	69½"	64¾"	59"	55"
US-PDQ2W	51		2	74¾"	72"	67"	55"	51¼"
			3	77"	74¼"	69"	51¼"	47¼"

*Radii achieved at = 75% Capacity

PORTX™ DAVIT



Dual rear-mounted winch capability

Engineered designs and bespoke sections reduce weight, providing lightweight portability

Certified for use with REID's full range of bases and sockets with 2 ½" kingpin.

Added shackle point for top man safety

Ease of assembly with no tools required and three-piece design

Can be rotated 360° under a full load



Specified for trenching & shoring and personnel safety

This product is patented

Our lightweight and portable **PORTX™ DAVIT** has been designed and specified for fall protection applications including confined space access and egress, with the added benefit of goods lifting capability.

Very well suited to a wide range of industrial and construction safety applications, including shoring/trenching and confined space access. Fall protection devices are mounted on the rear of the column to avoid clashes with guardrails, walls or similar.

Key features

- OSHA Compliant
- Conforms with and tested as a complete safety system including brackets to ANSI Z359.18 2017
- ATEX Zone 2 certification as standard
- ATEX Zone 1 optional upgrade
- Can support goods lifting up to 660lb and personnel lifting up to 330lb
- 3-piece design for ease of transportation and storage and comes with a carry bag
- Ability to locate two safety or lifting devices on the rear column of the davit, enabling primary and secondary safety or a combination of personnel and goods lifting
- Variable bracket mounting positions for better ergonomics
- Additional fall protection anchor on column for the winch operator
- Comfortable rotation under load due to Reid's patented integral bearing system
- Universal kingpin fits all Reid sockets and Portabases
- Manufactured from marine grade alloy, anodised/powder coated for high corrosion resistance
- Designed and built using quality engineering and production parts that help reduce weight and provide high strength to weight ratios.
- Can be assembled and operated by one person with no tools required

Accessories

REID offer a range of winch and retrieval fall arrest connection brackets for the industries leading models, all tested and certified to ANSI Z359.18 2017 to provide our customers with complete system confidence. See more details on page 55.



**660LB
CAPACITY**



**1-2 PERSON
ASSEMBLY**



**ANSI Z359.18
2017 CERTIFIED**

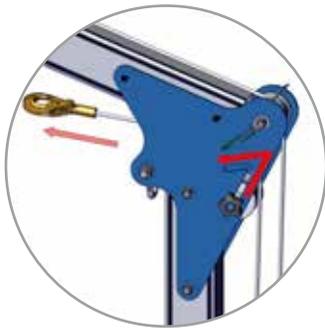


**ATEX
CERTIFIED**

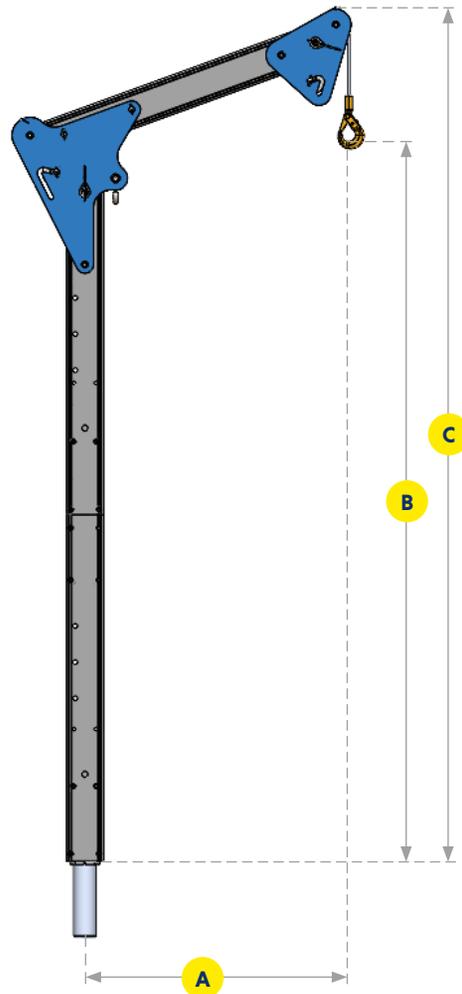
Features & Performance

	78 ¾"	94 ½"	110 ¼"
Accreditations, Certifications & Standards			
ANSI Z359.18 2017	✓	✓	✓
ATEX Certified [Zone 2]	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional
Capacity			
Maximum Goods Lifting [lb]	660	660	660
Maximum Personnel Lifting [lb]	330	330	330
Fall Arrest [Persons]	1	1	1
Dimensions			
Maximum Reach [in]	31 ½"	31 ½"	31 ½"
Maximum Height of Lift [in]	78 ¾"	94 ½"	110 ¼"
Socket Details			
Ø 2 ½"	✓	✓	✓
Top Mount	✓	✓	✓
Flush Mount	✓	✓	✓
Side Mount	✓	✓	✓
Bridge Mount	✓	✓	✓
Pedestal	✓	✓	✓
PortX Saddle Mount	✓	✓	✓
Porta Base	✓	✓	✓
Standard Features			
Winch Capable	✓	✓	✓
Component Weight < 33lb	✓	✓	✓
Finishes			
Anodised	✓	✓	✓
316SS Fixings	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional

- A** Radius
- B** Overall height of lift
- C** Height to top of beam



Captivated cable installation guides for easy set up.



Model	Max User Weight [lb]	Max goods weight [lb]	Dimensions [in]		
			A	B	C
US-PTXDR800-20	330	660	31 ½"	78 ¾"	93 ½"
US-PTXDR800-24	330	660	31 ½"	94 ½"	109"
US-PTXDR800-28	330	660	31 ½"	110 ¼"	125"

> Key Features



Redesigned cheek plates with dual sheaves and captivated cable installation guide for easy set up.



Upper and lower rollers for effective dual winch use, in addition to front captivated cable installation guide for easy set up.



Dual rear-mounted winches, strategically positioned to avoid guardrails, walls and other obstacles.



Unique three-part design, each weighing less than 30lb, shipped in a protective carry bag.

> Davit Accessories



> Supported Winch & SRL Devices

We have made accessing confined spaces or working at height easier than ever as we support a wide range of devices with our custom brackets to fit our product solutions. We are able to support a range of industry-leading devices, specified for safe lifting or fall arrest recovery.



> Rotational Handle

Our rotational handle can be fitted to the column of the davit to aid in the rotation under load. The rotational handle can be fitted to our **TDAVIT**, **PORTA**DAVIT^{QUANTUM} or **PORTX** DAVIT systems.

Product Code	Description
US-RATD000006	Rotation Handle

Winch & SRL Brackets Part Codes

	TDAVIT™	PORTA DAVIT™ Column	PORTA DAVIT™ Single Winched Backstay	PORTA DAVIT™ Double Winched Backstay	PORTX™ DAVIT Single Winched	PORTX™ DAVIT Double Winched	
Personnel Winches	Guardian Checkmate	US-RAWB001200	US-RAWB001200	US-RAWB001206	N/A	US-RAWB001200	US-RAWB001209
	IKAR PLW	US-RAWB004200	US-RAWB004200	US-RAWB004206	N/A	US-RAWB004200	US-RAWB004209
	MSA Workman	US-RAWB008000	US-RAWB008000	US-RAWB008006	N/A	US-RAWB008000	N/A
	3M SALA Winch	US-RAWB003000	US-RAWB003000	US-RAWB003006	N/A	US-RAWB003000	US-RAWB003009
	3M DBI SALA Digital Winch	US-RAWB003000	US-RAWB003000	US-RAWB003006	N/A	US-RAWB003000	US-RAWB003009
	Tuffbuilt Pro Series 1	US-RAWB009200	US-RAWB009200	US-RAWB009206	N/A	US-RAWB009200	N/A
	Tuffbuilt Pro Series 2	US-RAWB009300	US-RAWB009300	US-RAWB009306	N/A	US-RAWB009300	N/A
SRL Devices	Guardian FABXR	US-RAWB001000	US-RAWB001000	US-RAWB001000	US-RAWB001010	US-RAWB001000	N/A
	3M Rebel Protect A	US-RAWB003000	US-RAWB003000	US-RAWB003006	US-RAWB003010	US-RAWB003000	N/A
	SALA Sealed Block	US-RAWB003000	US-RAWB003000	US-RAWB003006	US-RAWB003010	US-RAWB003000	N/A
	3M Sala Ultra-Lok	US-RAWB003000	US-RAWB003000	US-RAWB003006	US-RAWB003010	US-RAWB003000	N/A
	Guardian 3-Way Rescue & Retrieval	US-RAWB007000	US-RAWB007000	US-RAWB007000	US-RAWB007010	US-RAWB007000	N/A
	Honeywell/Miller	US-RAWB007000	US-RAWB007000	US-RAWB007000	US-RAWB007010	US-RAWB006000	N/A
	MSA Rescuer	US-RAWB008000	US-RAWB008000	US-RAWB008006	N/A	US-RAWB008000	N/A



Bases & Sockets

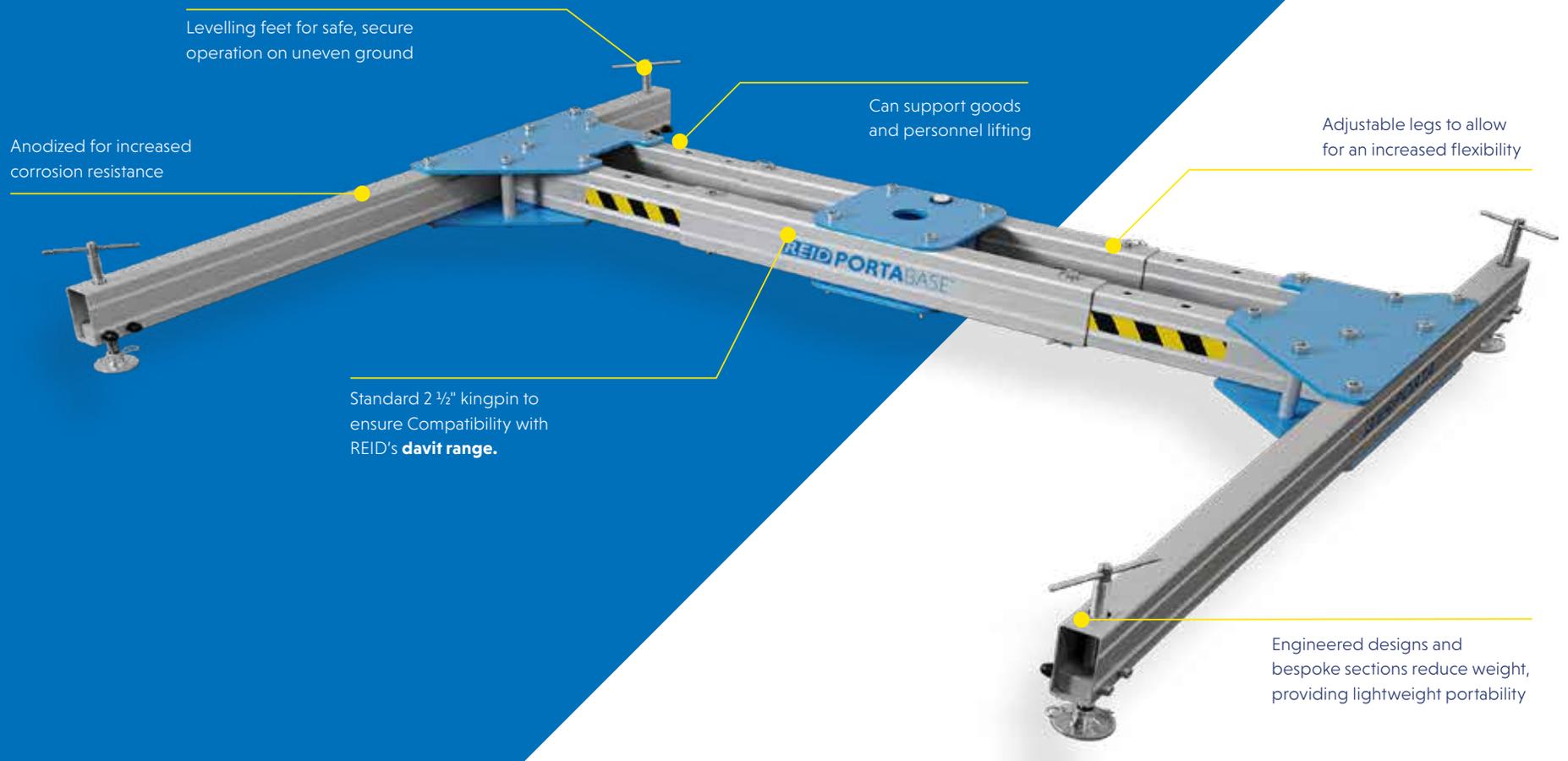
We offer a wide range of portable bases, fixed sockets and extensions which offer full versatility and compatibility with our Davit range, all of which are designed to make light work of lifting and lowering.

58 **PORTABASE**

68 **Sockets & Extensions**



▶ PORTABASE[®] H Base



Levelling feet for safe, secure operation on uneven ground

Anodized for increased corrosion resistance

Can support goods and personnel lifting

Adjustable legs to allow for an increased flexibility

Standard 2 1/2" kingpin to ensure Compatibility with REID's **davit range**.

Engineered designs and bespoke sections reduce weight, providing lightweight portability

The **PORTABASE H Base** is a three piece, portable system which can be easily broken down for transportation.

Expertly engineered to provide full use and compatibility with the **TDAVIT**, **PORTA**DAVIT **QUANTUM**® or **PORTX**™ DAVIT providing maximum flexibility where the installation or use of a fixed socket is not possible.

The **PORTABASE H Base** enables our Davit products to be used for lifting goods up to 1320lb, as well as providing access and egress for confined space and work at height tasks, including as an anchor point for fall arrest scenarios.

Key features

- OSHA compliant
- ANSI Z359.18 compliant for fall protection applications*
- Can support goods and personnel lifting;
 - Goods capacity of up to 1320lb
 - Personnel capacity of up to 660lb
- Breaks down in to 3 components for ease of transportation
- Designed for ease of assembly using pins, with no bolted sections or the need for tools
- Detachable legs for ease of transportation
- Levelling feet designed to support the system to function correctly on uneven ground
- Compatible with the use of **TDAVIT**, **PORTA**DAVIT **QUANTUM** or **PORTX** DAVIT
- Clean, anodized finish for increased corrosion resistance
- Engineered designs and bespoke sections reduce weight, providing lightweight portability



**1320LB
CAPACITY**



**1-2 PERSON
ASSEMBLY**



**3 MANAGEABLE
COMPONENTS**



**ANSI Z359.18
COMPLIANT**

Features & Performance

H BASE	
Accreditations, Certifications & Standards	
OSHA Compliant	✓
ANSI Z359.18-17*	✓
Capacity	
Maximum Goods Lifting [lb]	1320
Maximum Personnel Lifting [lb]	660
Fall Arrest [Persons]	1
Maximum Reach [inch]	31½
Dimensions	
Minimum Base Width [inch]	56¼
Maximum Base Width [inch]	72
Minimum Base Height [inch]	8½
Maximum Base Height [inch]	13
Overall Length [inch]	63
Compatible Products	
Porta Davit Quantum [Restricted]	✓
T Davit [Winched]	✓
T Davit [Double Winched]	✓
Standard Features	
Levelling Feet	✓
Individual Component Weight < 50lb	✓
No Tools Required	✓
Finishes	
Anodized / Powder Coated	✓
316SS Fixings	Optional
Marine Spec	Optional

*Due to the range and complexities of our Davit systems, please refer to the 'Fall Protection Application' section of our Assembly & Operation Guide.

Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table. All line items marked with a '✓' come as standard. All line items marked with a 'X' are not available. All line items marked with 'optional' are available as an option and may incur additional costs.

▶ PORTABASE[®] Counterbalance

Leveling feet for safe, secure operation on uneven ground

Detachable folding basket with integrated swivel-locking castors

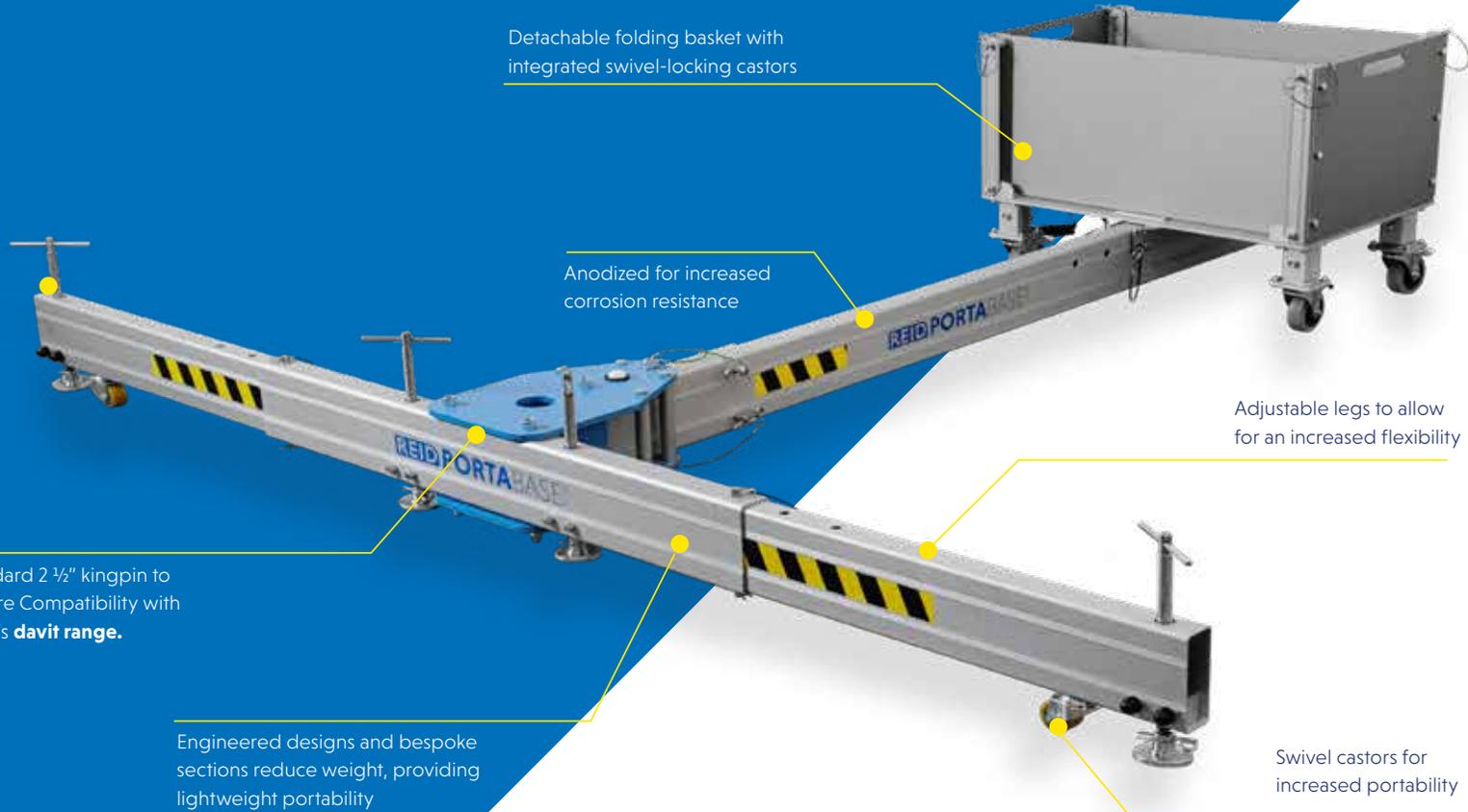
Anodized for increased corrosion resistance

Adjustable legs to allow for an increased flexibility

Standard 2 1/2" kingpin to ensure Compatibility with REID's **davit range**.

Engineered designs and bespoke sections reduce weight, providing lightweight portability

Swivel castors for increased portability



The **PORTABASE** Counterbalance is a five piece, portable system which can be easily broken down for transportation.

Expertly engineered, the system is compatible with the **TDAVIT**, **PORTADAVIT^{QUANTUM}** or **PORTXTM** DAVIT providing maximum flexibility where the installation or use of a fixed socket is not possible. The product is quick and easy to set up with no tools required.

The **PORTABASE** Counterbalance enables our Davit products to be used for lifting goods up to 1320lb, as well as providing access and egress for confined space and work at height tasks, including as an anchor point for fall arrest scenarios.

> Key features

- > OSHA compliant
- > ANSI Z359 18.17 compliant for fall protection applications*
- > Can support goods and personnel lifting;
 - > Goods capacity of up to 1320lb
 - > Personnel capacity of up to 660lb
- > Breaks down in to 5 components for ease of transportation and stowage
- > Designed for ease of assembly using pins, with no bolted sections or the need for tools
- > Detachable legs and foldable basket for ease of transportation
- > Levelling feet designed to support the system to function correctly on uneven ground
- > Integrated swivel castors, as standard
- > Compatible with the use of **TDAVIT**, **PORTADAVIT^{QUANTUM}** or **PORTXTM** DAVIT
- > Clean, anodized finish for increased corrosion resistance
- > Uses hand weights for the basket, reducing manual handling risks
- > Engineered designs and bespoke sections reduce weight, providing lightweight portability

> Configurations

Height adjustable feet can be fitted to the **PORTABASE** Counterbalance basket, providing an adjustment of 9". For more information contact REID.



**1320LB
CAPACITY**



**1-2 PERSON
ASSEMBLY**



**5 MANAGEABLE
COMPONENTS**



**ANSI
COMPLIANT**

> Features & Performance

COUNTERBALANCE

Accreditations, Certifications & Standards

OSHA Compliant	✓
ANSI Z359.18-17*	✓

Capacity

Maximum Goods Lifting [lb]	1320lb
Maximum Personnel Lifting [lb]	660lb
Fall Arrest [Persons]	1
Maximum Reach [Inch]	39"

Dimensions

Minimum Base Width [Inch]	91¼"
Maximum Base Width [Inch]	107"
Minimum Base Height [Inch]	9½"
Maximum Base Height [Inch]	13"
Overall Length [Inch]	95"

Compatible Products

Porta Davit Quantum [Restricted]	✓
Porta Davit Quantum [1]	✓
T Davit [Winched]	✓
T Davit [Double Winched]	✓

Standard Features

Levelling Feet	✓
Individual Component Weight < 50lb	✓
No Tools Required	✓
Swivel Castors	✓

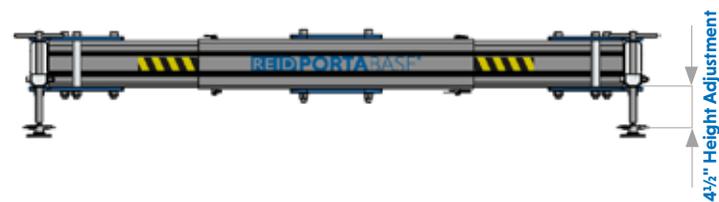
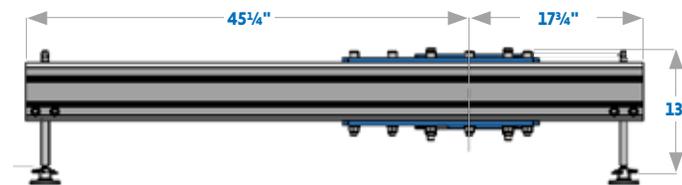
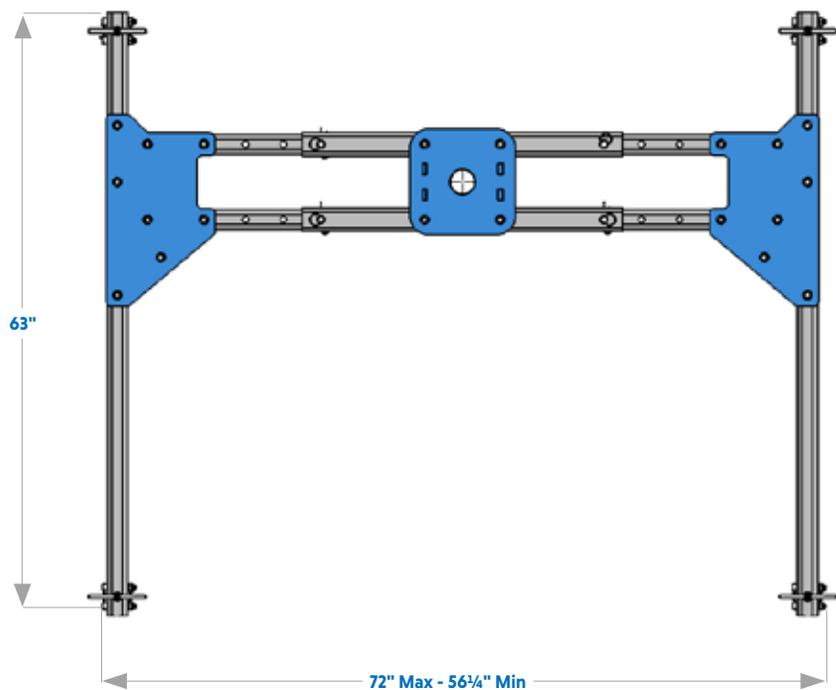
Finishes

Anodized / Powder Coated	✓
316SS Fixings	Optional
Marine Spec	Optional

*Due to the range and complexities of our Davit systems, please refer to the 'Fall Protection Application' section of our Assembly & Operation Guide.

Dimensions in the table are approximate values. For more accurate details please refer to the Dimension Table. All line items marked with a '✓' come as standard. All line items marked with a 'X' are not available. All line items marked with 'optional' are available as an option and may incur additional costs.

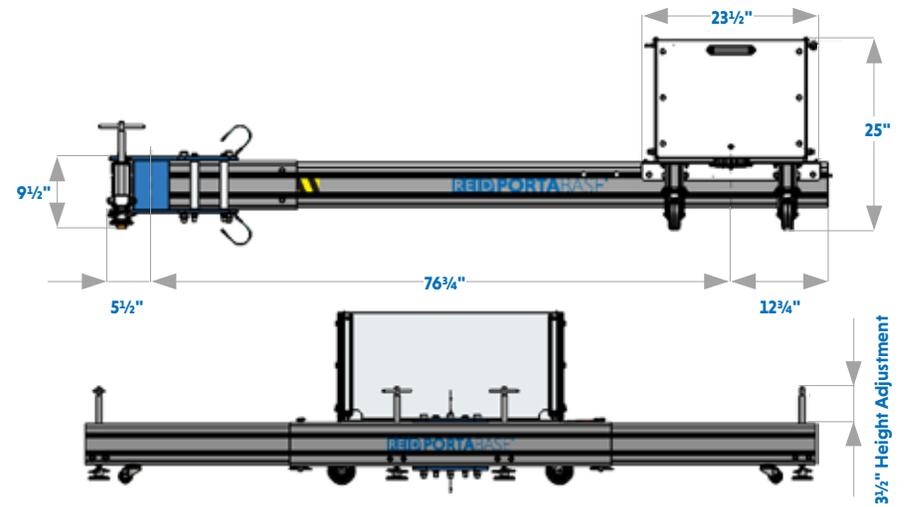
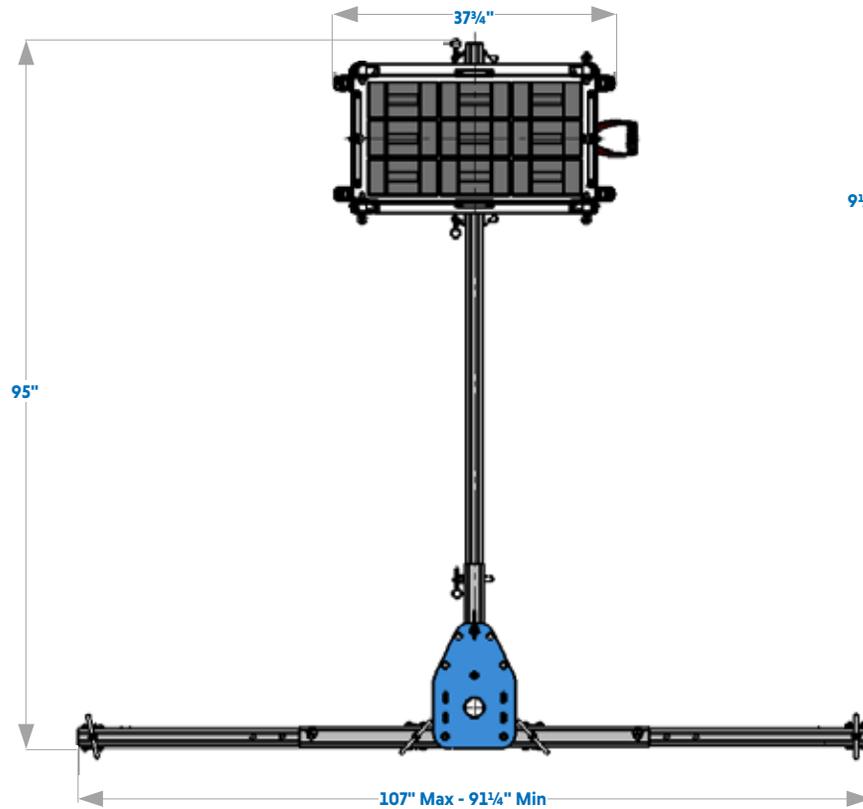
PORTABASE® H Base



Product Code	Description
US-PBHB00001	PORTABASE H Base Standard - Max 31 1/2" Reach

Component	Weight [lb]
Central Hub	41
Leg Assembly [Each]	49.5
Total Weight	140

PORTABASE® Counterbalance



Component	Weight [lb]
Central Hub	53
Leg Assembly [Each]	11
Tail	13
Basket [Empty]	84
Total Weight	172

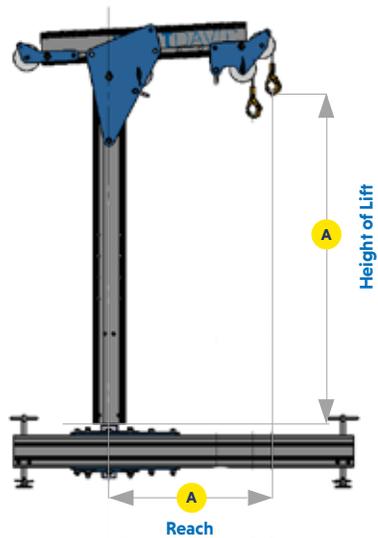
Product Code	Description
US-PBC00001	PORTABASE Counterbalance Standard - Max 39" Reach
US-RAHW00001	Hand Weight [1 x 44lb]
US-RAHW00004	Hand Weight Set [27 x 44lb]
US-RAPBC0001	Porta Base Counterbalance Basket Height Adjustment Kit



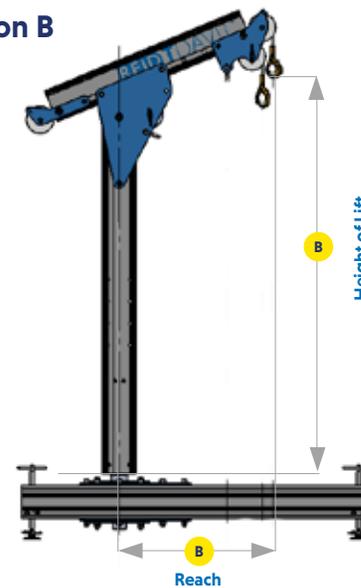
A height adjustment kit can be fitted to the basket, providing an adjustment of 9".

PORTABASE® H Base | TDAVIT® Double Winched

Position A



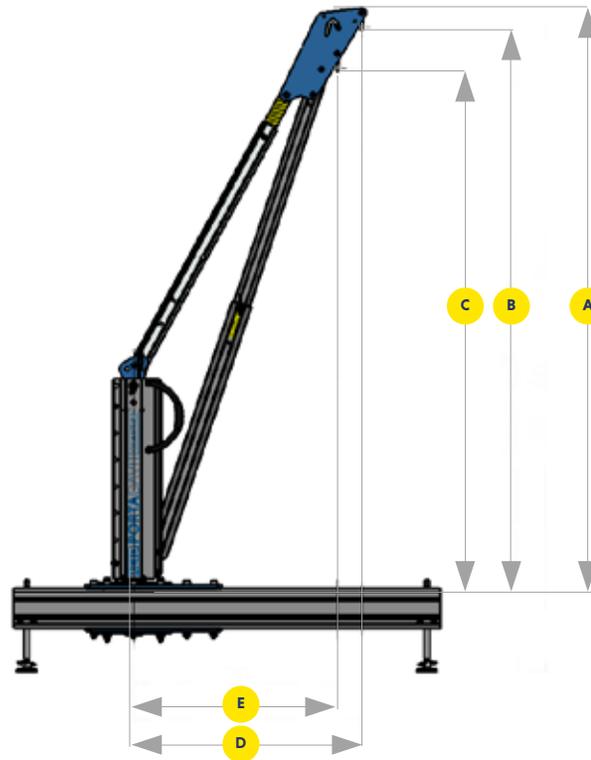
Position B



PRODUCT CODE	HEIGHT OF LIFT (HOL)		REACH		CAPACITY			DAVIT WEIGHT [LB]
	Position A	Position B	Position A	Position B	Goods [lb]	Personnel [lb]	Fall Arrest	
US-TDDWA3A0	50¾"	60¾"	31½"	29¼"	1320	660	1 Person	75
US-TDDWA4A0	63¾"	73"	31½"	29¼"	1320	660	1 Person	79
US-TDDWA5A0	75½"	85¾"	31½"	29¼"	1320	660	1 Person	86

PORTABASE® H Base | PORTADAVIT^{QUANTUM}® Reduced Reach

- A** Overall height
- B** Height to outer shackle
- C** Height to inner shackle
- D** Reach to outer shackle
- E** Reach to inner shackle

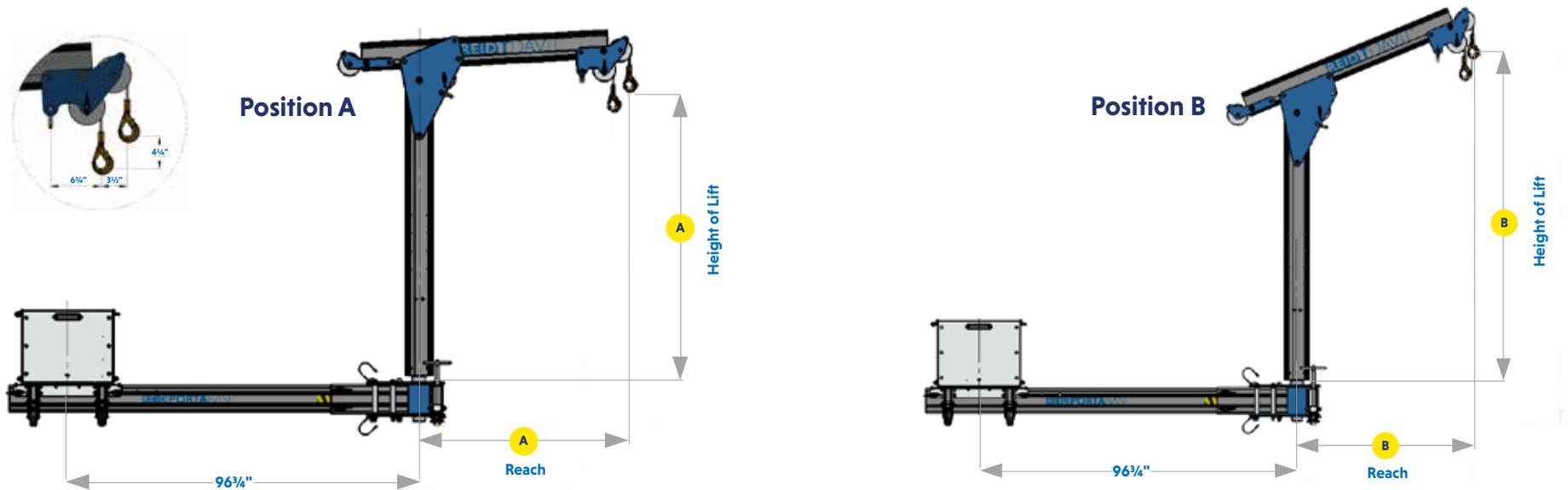


DIMENSIONS

PRODUCT CODE	SYSTEM WEIGHT [lb]	GOODS CAPACITY [lb]	PERSONNEL CAPACITY [lb]	FALL ARREST	A	B	C	D*	E*
US-PDQR	50	1320	660	1 Person	84½"	81¾"	76"	31½"	27¾"

*Radii achieved at ≈ 75% Capacity
OSHA compliant. Contact us for details.

PORTABASE[®] Counterbalance | **TDAVIT**[®] Double Winched



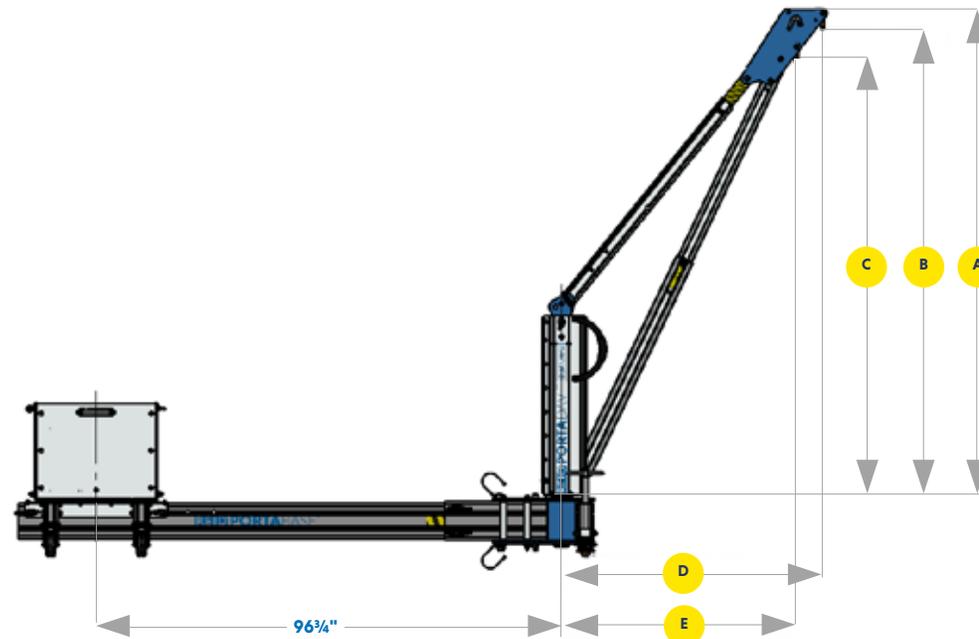
PRODUCT CODE	HEIGHT OF LIFT (HOL)		REACH		CAPACITY			DAVIT WEIGHT (LB)
	Position A	Position B	Position A	Position B	Goods [lb]	Personnel [lb]	Fall Arrest	
US-TDDWA3A0	50 3/4"	60 3/4"	31 1/2"	29 3/4"	1320	660	1 Person	75
US-TDDWA3A1	51 1/4"	63 3/2"	39 1/4"	36 1/2"	1100	550	1 Person	77
US-TDDWA4A0	63 3/4"	73"	31 1/2"	29 3/4"	1320	660	1 Person	79
US-TDDWA4A1	63 3/2"	76"	39 1/4"	36 1/2"	1100	550	1 Person	82
US-TDDWA5A0	75 1/2"	85 3/4"	31 1/2"	29 3/4"	1320	660	1 Person	86
US-TDDWA5A1	75 3/4"	88 3/4"	39 1/4"	36 1/2"	1100	550	1 Person	88

*Capacity shown when being used with **PORTABASE** Counterbalance - See Assembly & Operation Guide for more information

ANSI Z359.18 2017 and OSHA compliant. Contact us for details.

PORTABASE® Counterbalance | PORTADAVIT QUANTUM®

- A** Overall height
- B** Height to outer shackle
- C** Height to inner shackle
- D** Reach to outer shackle
- E** Reach to inner shackle



DIMENSIONS

PRODUCT CODE	SYSTEM WEIGHT [lb]	GOODS CAPACITY [lb]**	PERSONNEL CAPACITY [lb]**	FALL ARREST	A	B	C	D*	E*
US-PDQRW	50	1320	660	1 Person	84½"	81¾"	76"	31½"	27½"

*Radii achieved at = 75% Capacity **Capacity shown when being used with PORTABASE Counterbalance - See Assembly & Operation Guide for more information

OSHA compliant. Contact us for details.

> Sockets & extensions

We manufacture a range of standard sockets, socket extensions and pedestals that are fully compatible with our davit range which can be used for goods lifting, personnel lifting and in many cases fall protection applications. They are also suitable for a variety of structures [subject to engineer approval]. Available in aluminum, galvanized steel and stainless steel. We can also manufacture customized sockets and pedestals on request. Our socket extensions are designed to provide additional height of reach over obstacles, protective rails or walls.



> Sockets

Our sockets are fully compatible with our davit range and are suitable for a variety of structures. Available in aluminum, galvanized steel and stainless steel.

We offer sockets suitable for kingpin diameter sizes 2½" to fit our range of davits.

Our socket options includes:

- > **Top Mount**
- > **Side Mount**
- > **Bridge Mount**
- > **Flush Mount**

We can also offer customized sockets, which are bespoke made and developed for non-typical installations. To discuss your requirements with us, contact us on info@reidlifting.com.

Sockets

Ground Level



Flush Mount



Bridge Mount



Side Mount



Top Mount

Our sockets are part of a fall protection and personnel lifting system, which includes a REID Lifting Davit. Only sockets manufactured by REID Lifting may be used with our Davit's. Failure to use REID sockets will invalidate any product certification and warranty and exposes the user to unnecessary and unwarranted risk. Before fixing always consult a structural engineer to confirm suitability for the loads that will be imposed during use, allowing for the required safety factors.

> Pedestals

Our pedestal sockets are similar to top mount sockets and are manufactured from lightweight aluminum. Our pedestals are designed to provide additional lift height or reach over obstacles, protective rails or walls.

We offer pedestals which are suitable for use with our 2½" kingpin davit range.

Our pedestals are available in three standard sizes:

- > 19¾"
- > 31½"
- > 43¾"

They can also be customized to meet our customers' specific requirements. To discuss your requirements with us, contact us on info@reidlifting.com.

> Socket Extensions

Our socket extensions are designed to provide additional lift height or reach over obstacles, protective rails or walls. Made from lightweight aluminum alloy, with handles for lifting and carrying, they're designed to be easy to use. Simply insert them into the existing socket and assemble a standard davit, as normal, using the extension as its socket.

Our socket extensions are available in three standard sizes:

- > 19¾"
- > 31½"
- > 43¾"

They can also be customized to meet our customers' specific requirements.

*When fixing sockets to structures, customers must always seek the guidance of a suitably qualified engineer to ensure that the structure is able to support the required loads.

** Socket extensions are only suitable to be used with our socket range and cannot be used with a pedestal. For further information please contact your REID representative.



*When fixing sockets to structures, customers must always seek the guidance of a suitably qualified engineer to ensure that the structure is able to support the required loads.

** Disclaimer All REID sockets & extensions have been designed, developed and tested for safe use with REID's equipment and form a key part of the integrity of the total system. Should non-standard third party sockets be used, REID Lifting's Declaration of Conformity & Incorporation on the products is negated. i.e. The system becomes the responsibility of the client.

> Top Mount Socket



> Key Features

- > Suitable for use with our full davit range
- > Galvanized and stainless steel sockets are ANSI Z359.18-17 compliant
- > OSHA compliant
- > Secured using 4nr. 5/8" anchors [not supplied]
- > Suitable for bolting into existing concrete, steel structures or through fixing in other substrates
- > Comes complete with a cover

Product Code	Description	Material	Weight [lb]
US-STMG0500V2	Socket Top Mount GMS	Galvanized Steel	29
US-STMS0500V2	Socket Top Mount 316SS	Stainless Steel	29
US-STMA0500	Socket Top Mount Aluminum Natural Anodized	Aluminum	20

> Side Mount Socket

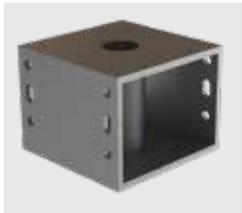


> Key Features

- > Suitable for use with our full davit range
- > Galvanized and stainless steel sockets are ANSI Z359.18-17 compliant
- > OSHA compliant
- > Secured using 4nr. 5/8" anchors [not supplied]
- > Suitable for mounting on the side of concrete or steel structures
- > A brace plate can be supplied for thin-walled concrete

Product Code	Description	Material	Weight [lb]
US-SSMG0500V2	Socket Side Mount GMS	Galvanized Steel	29
US-SSMS0500V2	Socket Side Mount 316SS	Stainless Steel	29
US-SSMA0500	Socket Side Mount Aluminum Natural Anodized	Aluminum	18

> Bridge Mount Socket



> Key Features

- > Suitable for use with our full davit range
- > OSHA compliant
- > Secured using 4nr. 5/8" anchors [not supplied]
- > Suitable for bolting into steel structures
- > Designed to fit open mesh grating or flush with structural steel work

Product Code	Description	Material	Weight [lb]
US-SBMG0500	Socket Bridge Mount GMS	Galvanized Steel	42
US-SBMS0500	Socket Bridge Mount 316SS	Stainless Steel	42
US-SBMA0500	Socket Bridge Mount Aluminum Natural Anodized	Aluminum	16

> Flush Mount Socket



> Key Features

- > Suitable for use with our full davit range
- > OSHA compliant
- > Suitable for resin fixing into existing concrete
- > Complete with cover and re-bars, for casting into concrete

Product Code	Description	Material	Weight [lb]
US-SFMG0500	Socket Flush Mount GMS	Galvanized Steel	11
US-SFMS0500	Socket Flush Mount 316SS	Stainless Steel	11
US-SFRG0500	Socket Flush Mount Resin Bond GMS	Galvanized Steel	11
US-SFRS0500	Socket Flush Mount Resin Bond 316SS	Stainless Steel	11

> Socket Pedestals

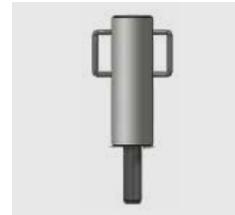


> Key Features

- > Suitable for use with our full davit range
- > OSHA compliant
- > Secured using 4nr. 5/8" anchors [not supplied]
- > Safe use features
- > Maintenance free
- > Manual handling compliant

Product Code	Description	Material	Weight [lb]
US-SP0500-0500	Socket Pedestal 19¾"	Aluminum	29
US-SP0500-0800	Socket Pedestal 31½"	Aluminum	38
US-SP0500-1100	Socket Pedestal 43¾"	Aluminum	42

> Socket Extensions

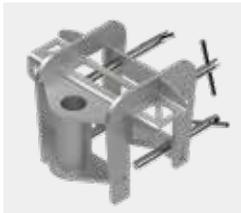


> Key Features

- > Suitable for use with REID davits combined with a 2½" fixed socket
- > OSHA compliant
- > Integrated carry handles
- > Safe use features
- > Maintenance free
- > Manual handling compliant

Product Code	Description	Material	Weight [lb]
US-SE0500-0500	Socket Extension 19¾"	Aluminum	27
US- SE0500-0800	Socket Extension 31½"	Aluminum	33
US- SE0500-1100	Socket Extension 43¾"	Aluminum	38

> PORTX[™] Saddle Mount



- > OSHA compliant
- > Suitable for use with davits up to a maximum reach of 47"
- > Fall arrest capacity – 1 user
- > Personnel capacity up to 330lb*
- > Goods capacity up to 660lb*
- > Galvanised steel construction
- > Designed for use in trenching and shoring applications subject to structural validation

*Dependant on Davit Operational Arc [See Assembly & Operation Guide for further information]

Product Code	Description	Material	Weight [lb]	Diameter [in]
US-PTXTM0-160	PortX Saddle Mount	Galvanised Steel	50	2 ½"

> PORTX[™] Barrel Mount Socket



- > EN795:2012 Type B certified
- > Suitable for use with Davits up to a radius of 47 ½"
- > Fall arrest capacity – 1 user
- > Personnel capacity up to 310lb*
- > Goods capacity up to 350lb*
- > Galvanised steel construction
- > Designed for use in trenching and shoring applications subject to structural validation

*Dependant on Davit Operational Arc [See Assembly & Operation Guide for further information]

Product Code	Description	Material	Weight [lb]	Diameter
PTXBM60-600	PortX Barrel Mount - Max 47 ½" Radius	Galvanised Steel	95	2 ½"



> Customization

At REID Lifting, we understand the uniquely challenging lifting requirements our clients are faced with, which is why we offer a range of customized solutions to ensure that their operational objectives are met, effectively and safely.

From custom designed gantries and davits through to sockets and accessories, our highly experienced team of engineers can support in the design and development of tailor-made solutions for niche applications.



> Extended range

Alongside the products highlighted in this brochure, we also offer a wider range of products, from an extensive **PORTAGANTRY®** range through to variant models of the popular **TDAVIT**.

For more information about our extended range and customized solutions, please contact a REID Lifting representative or email info@reidlifting.com.





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