



Product Brochure

REIDLIFTING.COM





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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, aluminium 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 expertly engineer our systems through the use of lightweight aluminium 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.

We have been duly recognised for our innovative contributions to the lifting industry, winning four prestigious Queens Awards for Innovation and International Trade,

as well as being recognised as one of the UK's leading exporters.

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 WLL rating should NOT be exceeded under any circumstances.



People required for assembly / operation

An indicator of the people 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.



EN795 certified for personnel lifting

Fully certified temporary anchor point meeting strict requirements of EN795 for protection against falls from a height and personnel lifting (as part of an EN363 compliant system).



ATEX certified

Please contact REID for details.



➤ Around the world

We have a carefully selected network of professional and highly experienced distributors and re-sellers across the globe. We have key distributors in the following countries:

- USA
- Canada
- France
- Germany
- Switzerland
- Italy
- Sweden
- Australia

For more information about our partners and how we can to connect you for local service please email enquiries@reidlifting.com

➤ Who we work with

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.

Our expertise knows no bounds and, as a result, our products are used far and wide in industries throughout 50 countries around the world. 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 more about our training sessions, contact us on training@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. REID products are built to last.

We operate 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

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 EN795:2012.

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

Product Warranty

REID products are guaranteed for 5 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**

16 **PORTAGANTRY** RAPIDE

20 Accessories



PORTAGANTRY®

Carrying WLL of up to
5000kg for goods lifting

Engineered designs and bespoke
sections reduce weight, providing
lightweight portability

Approved for up to 5 persons
for fall protection applications

Ease of assembly including
height and span adjustment

Ergonomic 360° swivel-
locking castors, as standard



This product is patented

Our top quality and highly durable **PORTAGANTRY** is lightweight and extremely strong. This portable system can be manually assembled, using just four bolts and can safely lift up to 5000kg, making it the ideal system for multiple applications.

Key features

- EN795:2012 Certified
- ATEX Certified
- Can support goods and personnel lifting;
 - Goods WLL of up to 5000kg
 - Personnel WLL of up to 2500kg
- Suitable for up to 5 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
- Anodised for increased corrosion resistance
- Engineered designs and bespoke sections reduce weight, providing lightweight portability

Configurations

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

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



**500-5000KG
WLL**



**1-4 PERSON
ASSEMBLY**



**92-294KG
FLAT PACK**



**EN795
CERTIFIED**



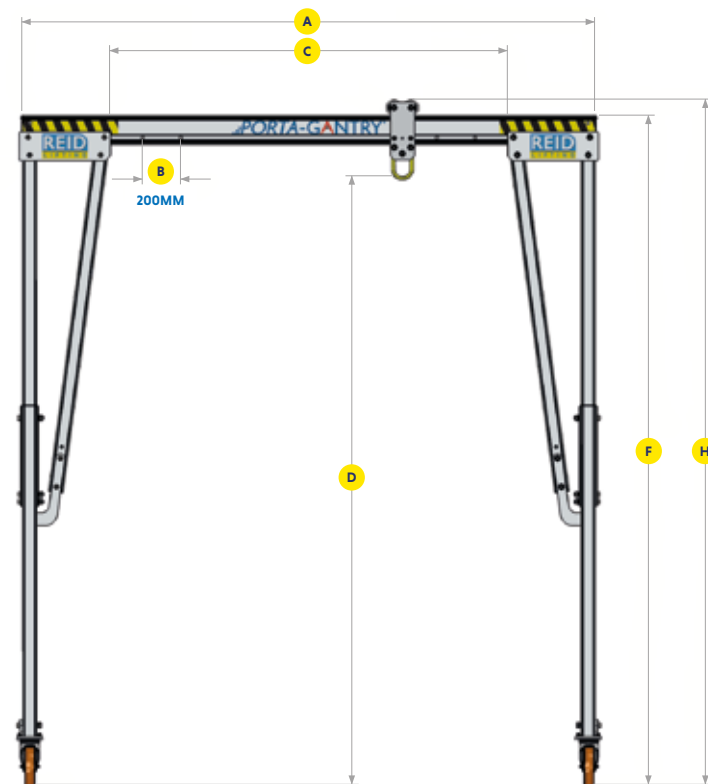
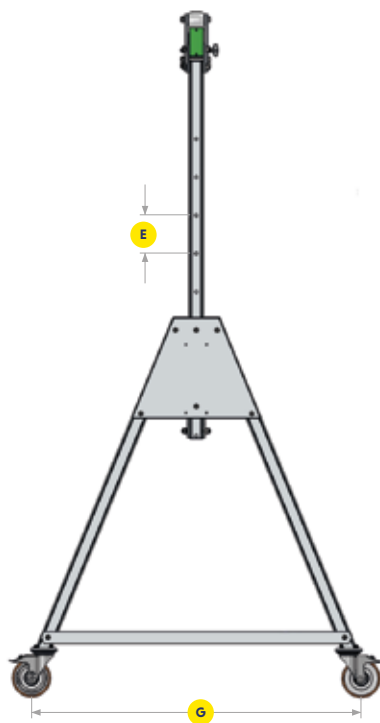
**ATEX
CERTIFIED**

Features & Performance

	500	1000	2000	3000	5000
Accreditations, Certifications & Standards					
EN795:2012	✓	✓	✓	✓	✓
PD CEN / TS16415:2013	✓	✓	✓	✓	✓
ANSI Z359.18-17	✓	✓	✓	✓	✓
AS/NZS 5532:2013	✓	✓	✓	✓	✓
ATEX Certified [Zone 2]	✓	✓	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional	Optional	×
IRATA	✓	✓	✓	✓	✓
Capacity					
Maximum Goods Lifting [kg]	500	1000	2000	3000	5000
Maximum Personnel Lifting [kg]	250	500	1000	1500	2500
Fall Arrest [Persons]	3	3	5	5	5
Dimensions					
Minimum Height of Lift [mm]	1605	1605	1605	1660	2181
Maximum Height of Lift [mm]	5829	5829	5829	5527	5000
Minimum Available Span [mm]	2500	2500	2500	2500	2500
Maximum Available Span [mm]	9000	9000	8400	8400	5500
Trolley Options					
Standard	✓	✓	✓	✓	✓
Gated	✓	✓	✓	✓	×
Close Coupled	✓	✓	✓	✓	×
Gear Driven	✓	✓	✓	×	×
Integrated Hoist	✓	✓	✓	×	×
Standard Features					
Ratchet Height Adjustment	✓	✓	✓	✓	×
Gear Height Adjustment	×	×	×	×	✓
Mechanical aid Assembly	×	×	×	×	✓
Optional Extras					
Lobed Cheek Plates	✓	✓	✓	✓	✓
Winch Upgrade	✓	✓	✓	✓	✓
Wind Up Jack legs	✓	✓	✓	✓	✓
Trolley Rope Control System	✓	✓	✓	✓	✓
Festoon System	✓	✓	✓	✓	✓
Jointed Beam	✓	✓	×	×	×
Finishes					
Anodised	✓	✓	✓	✓	✓
316SS Fixings	Optional	Optional	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional	Optional	×

PORTAGANTRY® 500-5000

- 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[mm] (Clear Operating Span C = A - 920 mm)

WLL Rating [kg]	A [mm]	2500	3000	3920	4570	5500	6000	8400	9000
	C [mm]	1580	2080	3000	3650	4580	5080	7480	8080
	500	19	22	29	34	41	44	62	66
	1000	19	22	29	34	41	44	79	84
	2000	19	22	29	34	52	93	130	x
	3000	19	22	37	43	85	93	130	x
	5000	39	47	61	71	85	x	x	x

Weight of Beams [kg]

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 [mm]

WLL [kg]	Frame size [Product Code]	DMax Height to lifting eye	E Height increment	DMin Height to lifting eye	FMax Height to top of beam	HMax Height to top of roller	HMin Height to top of roller	G Width	A-Frame weight (kg) (approx)	Trolley roller size	Castor Diam
500	PGAS00500S	2355	5 x 150	1605	2675	2757	2007	1212	29	82	150
	PGAS00500M	2851	5 x 150	2101	3171	3253	2503	1429	37	82	150
	PGAS00500I	3188	5 x 200	2188	3499	3581	2581	1726	45	82	200
	PGAS00500T	4079	6 x 200	2879	4399	4481	3281	2011	50	82	200
	PGAS00500TC4	4527	6 x 200	3327	4847	4930	3730	2234	77	82	200
	PGAS00500TC3	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
	PGAS00500TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
1000	PGAS01000S	2355	5 x 150	1605	2675	2757	2007	1212	29	82	150
	PGAS01000M	2851	5 x 150	2101	3171	3253	2503	1429	37	82	150
	PGAS01000I	3188	5 x 200	2188	3499	3581	2581	1726	45	82	200
	PGAS01000T	4079	6 x 200	2879	4399	4481	3281	2011	50	82	200
	PGAS01000TC4	4527	6 x 200	3327	4847	4930	3730	2234	77	82	200
	PGAS01000TC3	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
	PGAS01000TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
2000	PGAS02000S	2355	5 x 150	1605	2675	2757	2007	1212	32	82	150
	PGAS02000M	2851	5 x 150	2101	3171	3253	2503	1429	37	82	150
	PGAS02000I	3188	5 x 200	2188	3499	3581	2581	1726	45	82	200
	PGAS02000T	4079	6 x 200	2879	4399	4481	3281	2011	50	82	200
	PGAS02000TC4	4527	6 x 200	3327	4847	4930	3730	2234	77	82	200
	PGAS02000TC3	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
	PGAS02000TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
3000	PGAS03000S	2410	5 x 150	1660	2730	2812	2062	1212	48	82	200
	PGAS03000M	2906	5 x 150	2156	3226	3308	2558	1429	53	82	200
	PGAS03000I	3188	5 x 200	2188	3499	3581	2581	1726	66	82	200
	PGAS03000T	4079	6 x 200	2879	4399	4481	3281	2011	72	82	200
	PGAS03000TC4	4527	6 x 200	3327	4847	4930	3730	2234	77	82	200
	PGAS03000TC3	5027	6 x 200	3827	5347	5430	4230	2557	82	82	200
	PGAS03000TC2	5527	8 x 200	3927	5848	5930	4330	2733	87	82	200
5000	PGAS05000I	3181	5 x 200	2181	3592	3717	2717	1736	88*	125	200
	PGAS05000T	4049	6 x 200	2849	4487	4612	3412	2021	99*	125	200
	PGAS05000TC4	4500	6 x 200	3300	4938	5062	3862	2234	90	125	200
	PGAS05000TC3	5000	6 x 200	3800	5438	5562	4362	2557	95	125	200
S & M versions also available as custom systems WLL 5000kg dimensions systems are shown using the deeper 'D' section beam											

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

> PORTAGANTRY RAPIDE®

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

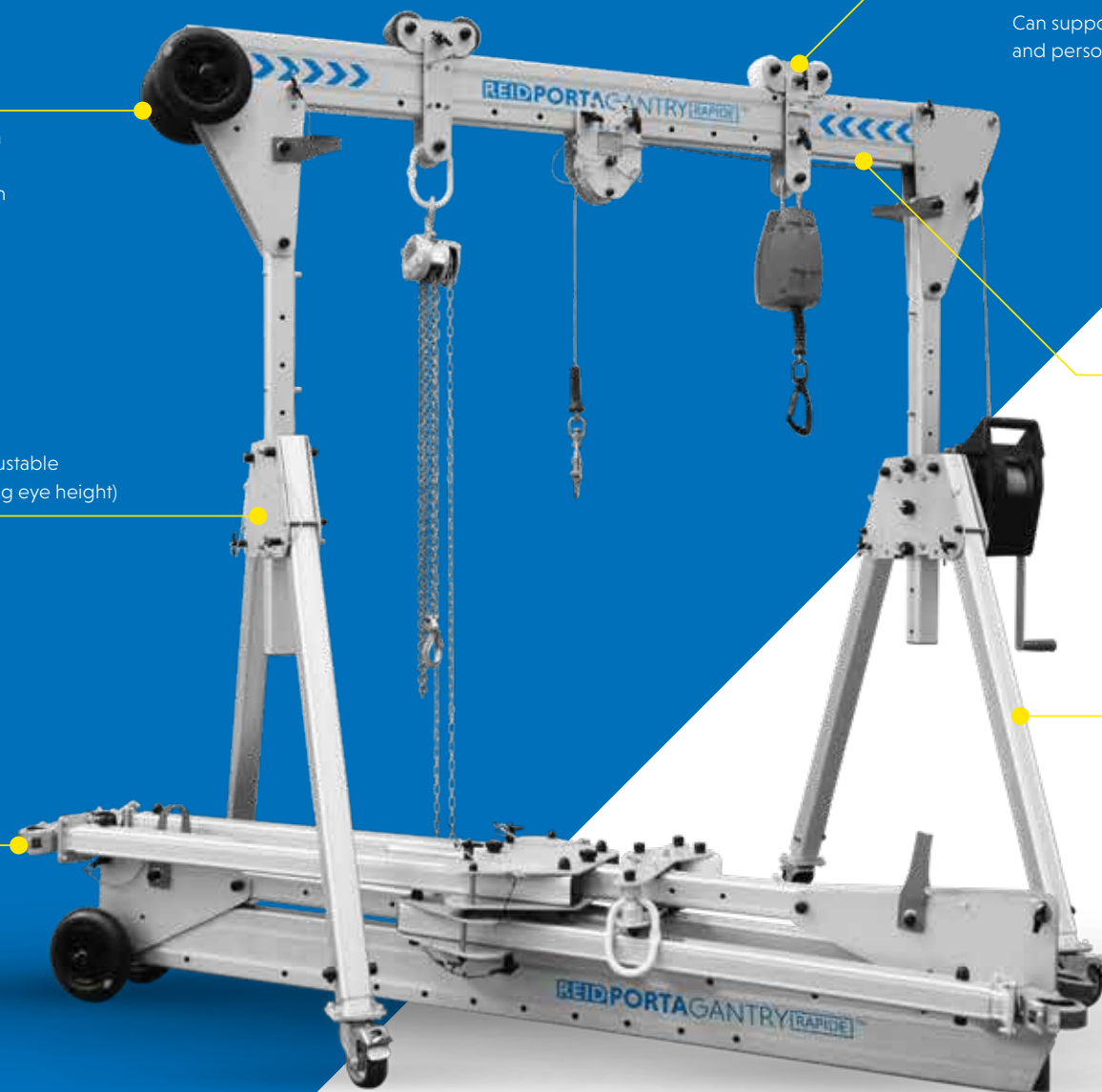
Available in 3 height-adjustable versions (up to 2.9m lifting eye height)

Anodised for increased corrosion resistance

Can support goods and personnel lifting

Can accommodate a range of beam lengths up to 4 metres

Engineered designs and bespoke sections reduce weight, providing lightweight portability



This product is patented

Our unique and innovative **PORTAGANTRY^{RAPIDE}** is a height-adjustable, foldable aluminium gantry designed for rapid deployment. Capable of an impressive WLL of up to 1000kg. This system can be assembled and disassembled by just one person within a minute without the need for any tools. The **PORTAGANTRY^{RAPIDE}** is the perfect solution for Confined Space Access scenarios due to its unique features and ability to lift equipment and personnel.

Key features

- EN795:2012 Certified
- ATEX Certified
- Can support goods and personnel lifting;
 - Goods WLL of up to 1000kg
 - Personnel WLL of up to 500kg
- Suitable for up to 3 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 2.9m to the lifting eye)
- Can accommodate a range of beam lengths up to 4m
- Anodised for increased corrosion resistance
- Engineered designs and bespoke sections reduce weight, providing lightweight portability

Configurations

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



**250-1000KG
WLL**



**1-2 PERSON
ASSEMBLY**



**33-62KG
COMPACT
STORAGE**



**EN795
CERTIFIED**



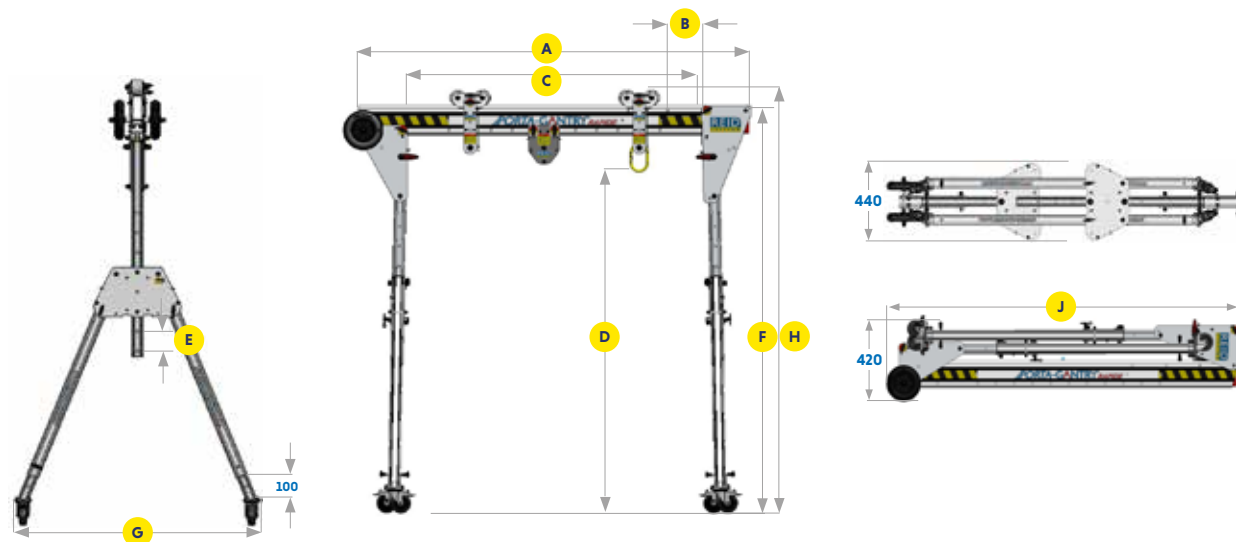
**ATEX
CERTIFIED**

Features & Performance

	PGR500	PGR1000
Accreditations, Certifications & Standards		
EN795:2012	✓	✓
PD CEN / TS16415:2013	✓	✓
ANSI Z359.18-17	✓	✓
AS/NZS 5532:2013	✓	✓
ATEX Certified [Zone 2]	✓	✓
ATEX Certified [Zone 1]	Optional	Optional
IRATA	✓	✓
Capacity		
Maximum Goods Lifting [kg]	500	1000
Maximum Personnel Lifting [kg]	250	500
Fall Arrest [Persons]	3	3
Dimensions		
Minimum Height of Lift (HOL) [mm]	1450	1430
Maximum Height of Lift (HOL) [mm]	2920	2880
Beam Options		
2.0m	✓	✓
2.3m	✓	✗
3.0m	✗	✓
4.0m	✓	✓
Trolley Options		
Master Link	✓	✓
Close Coupled	✓	✓
Sheave Carrier	✓	✓
Features		
Winch Capable	✓	✓
Foot adjustment [100mm]	✓	✓
Foldable	✓	✓
Transport Wheel	✓	✓
Assembly < 60sec	✓	✓
Finishes		
Anodised	✓	✓
316SS Fixings	Optional	Optional
Marine Spec	Optional	Optional

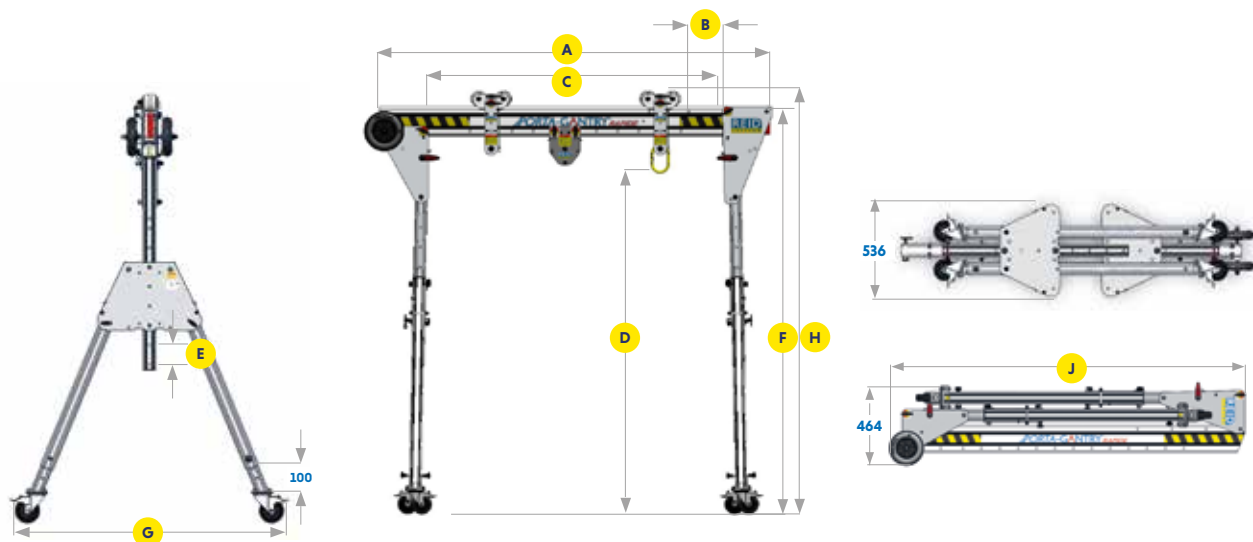
PORTAGANTRY RAPIDE® 250-500

- 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** Folding dimensions



PORTAGANTRY RAPIDE® 1000

- 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** Folding dimensions



Product Code	Dimensions [mm]													WLL			Unit Weight
	A Beam Length	B	CMin	CMax	DMin	DMax	E	FMin	FMax	G	HMin	HMax	J	Goods Capacity [kg]	Fall Arrest Capacity** No of Person(s)	Personnel Positioning** [kg]	[kg]
PGRS20	2000	2 x 200	1100	1500	1450	2050	6 x 100	1776	2376	1158	1856	2456	2080	500	3	250	33
PGRS23	2300	3 x 200	1200	1800									2380	400	2	200	35
PGRS40	4000	4 x 200	2700	3500									4080	250	1	125	40
PGRM20	2000	2 x 200	1100	1500	1454	2154	7 x 100	1780	2480	1215	1860	2560	2080	400	2	200	35
PGRM23	2300	3 x 200	1200	1800									2380				
PGRM40	4000	4 x 200	2700	3500									4080	250	1	125	41
PGRT20*	2000	2 x 200	1100	1500	1928	2928	10 x 100	2254	3254	1586	2334	3334	2645				39
PGRT23*	2300	3 x 200	1200	1800									2380				40
PGRT40*	4000	4 x 200	2700	3500									4080				45

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

Product Code	Dimensions [mm]												WLL			Unit Weight	
	A Beam Length	B	CMin	CMax	DMin	DMax	E	FMin	FMax	G	HMin	HMax	J	Goods Capacity [kg]	Fall Arrest Capacity** No of Person(s)	Personnel Positioning** [kg]	[kg]
PGR1TS20	2000	2 x 200	1102	1502	1430	1930	5 x 100	1822	2322	1270	1904	2404	2077	1000	3	500	45
PGR1TS30	3000	3 x 200	1902	2502									3077	1000	3	500	53
PGR1TS40	4000	3 x 200	1902	3502									4077	1000	3	500	58
PGR1TM20	2000	2 x 200	1102	1502	1740	2440	7 x 100	2061	2761	1484	2143	2843	2200	1000	3	500	49
PGR1TM30	3000	3 x 200	1902	2502									3077	1000	3	500	54
PGR1TM40	4000	3 x 200	1902	3502									4077	1000	3	500	59
PGR1TT20*	2000	2 x 200	598	1050	1980	2880	9 x 100	2301	3201	1698	2383	3283	2830	1000	3	500	53
PGR1TT30*	3000	3 x 200	1417	2017									3077	1000	3	500	58
PGR1TT40*	4000	3 x 200	2385	2985									4077	1000	3	500	62

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

> Accessories

We have a range of accessories such as; Lobed Cheek Plates, Wind-up Jack Legs, a Trolley Rope Control System and Festoon System that are compatible with our **PORTAGANTRY** systems.



> 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.



➤ Wind-up Jack Legs

Our Wind-up Jack Legs provide a flat surface for mounting the **PORTAGANTRY** and offer infinite additional height adjustment up to 250mm.

The Wind-up Jack Legs offer independent adjustment for use as a levelling system on uneven ground.

The Jack Leg retracts beyond the base of the castors and so does not restrict the movement of the **PORTAGANTRY** system.



➤ Trolley Rope Control System

Our unique Rope Control System allows precise control over the movement of the load trolley from a safe location next to the A-frame.

By utilising a series of pulleys and a hand winch a mechanical advantage is added into the system reducing the effort during operations.

The Rope Control 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.



➤ 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.



Davit Systems

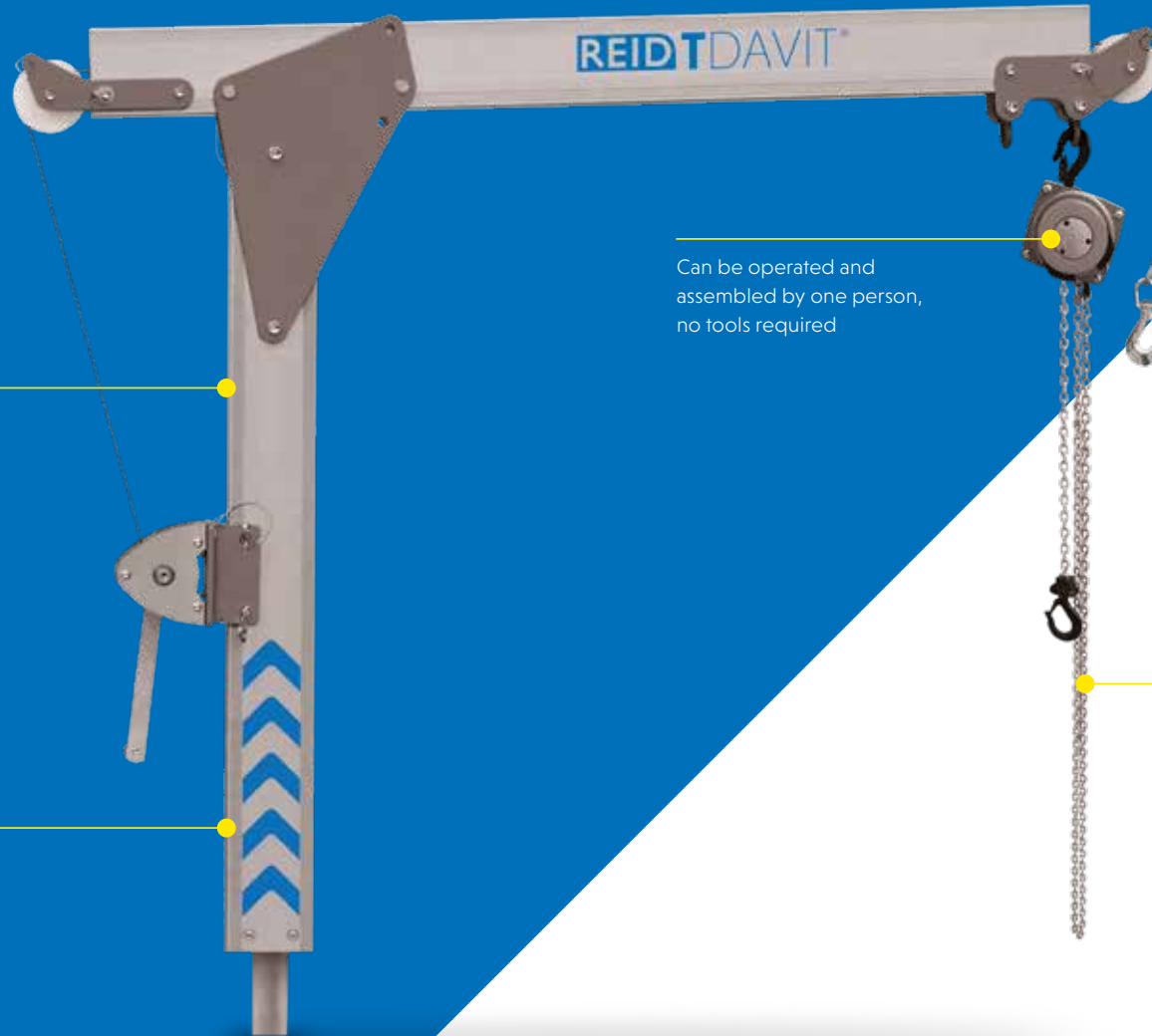
We offer three different types of Davits and multiple sockets for the widest range of applications, all of which are designed to make light work of lifting and lowering.

24 **TDAVIT**

30 **PORTADAVIT**

34 **PORTADAVIT** QUANTUM





Clean, anodised finish for increased wear resistance

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

Can be rotated 360° under a full load

Carrying capacity of up to 500kg for goods lifting

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 500kg and 360° rotation under a full load.

Key features

- EN795:2012 Certified
- ATEX Certified
- Can support goods and personnel lifting;
 - Goods WLL of up to 500kg
 - Personnel WLL of up to 250kg
- Can be operated and assembled by one person, no tools required
- Can be rotated 360° under a full load
- Designed with a universal kingpin which is compatible for all REID sockets
- Clean, anodised finish for increased corrosion resistance
- A variety of attachments for a range of applications
- Engineered designs and bespoke sections reduce weight, providing lightweight portability

Configurations

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

**Refer to REID for further guidance



**500KG
WLL**



**1 PERSON
ASSEMBLY**



**CUSTOMISED
& BAGGED**



**EN795
CERTIFIED**



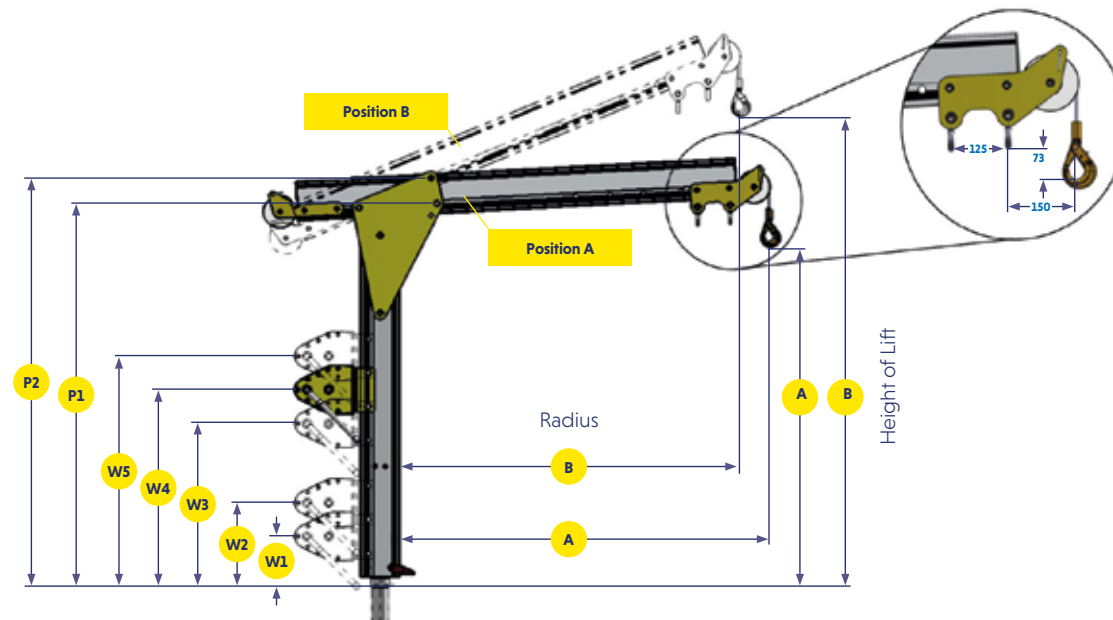
**ATEX
CERTIFIED**

Features & Performance

	BEAM 1	BEAM 2	BEAM 3	BEAM 4
Accreditations, Certifications & Standards				
EN795:2012	✓	✓	✓	×
PD CEN / TS16415:2013	✓	✓	✓	×
AS/NZS 5532:2013	✓	✓	✓	×
ATEX Certified [Zone 2]	✓	✓	✓	✓
ATEX Certified [Zone 1]	Optional	Optional	Optional	Optional
IRATA	✓	✓	✓	×
Capacity				
Maximum Goods Lifting [kg]	500	500	375	300
Maximum Personnel Lifting [kg]	250	250	150	×
Fall Arrest [Persons]	1	1	1	×
Dimensions				
Maximum Reach [mm]	1000	1200	1600	2000
Maximum Height of Lift [mm]	2266	2342	2495	2647
Socket Diameter				
65mm	✓	✓	✓	✓
Socket Options				
Top Mount	✓	✓	✓	✓
Flush Mount	✓	✓	✓	✓
Side Mount	✓	✓	✓	✓
Bridge Mount	✓	✓	✓	✓
Pedestal	✓	✓	✓	✓
Extension Post	✓	✓	✓	✓
Standard Features				
Shackle Lifting points	✓	✓	✓	✓
Component Weight < 25kg	✓	✓	✓	✓
Optional Extras				
Winch Capable	✓	✓	✓	✓
Finishes				
Anodised	✓	✓	✓	✓
316SS Fixings	Optional	Optional	Optional	Optional
Marine Spec	Optional	Optional	Optional	Optional

TDAVIT® WINCHED

- A** Position A
- B** 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



TDAVIT® WINCHED

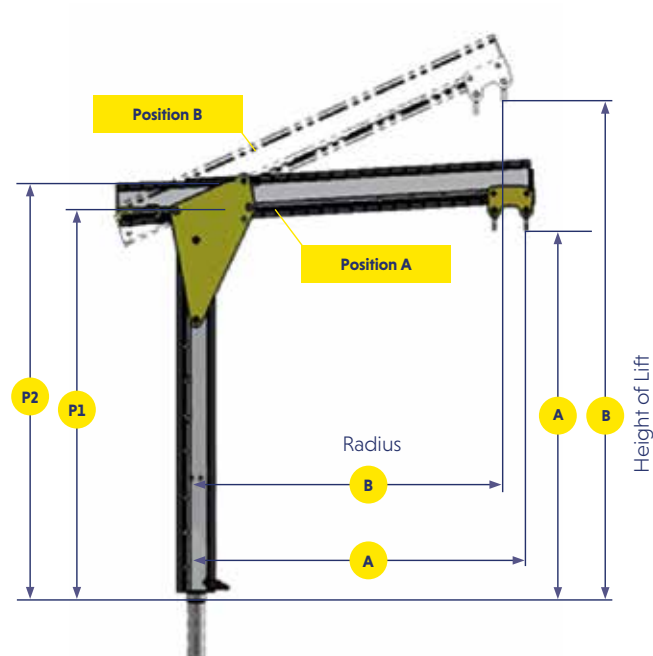
Beam Option	1		2		3		4	
POSITION	A	B	A	B	A	B	A	B
RADIUS [mm]*	1000	925	1200	1110	1600	1478	2000	1850
WLL [kg]	500		500		375		300	
WEIGHT [kg]	12		13		16		19	

Height of Lift (HoL) [mm]									Weight [kg]	Winch Position		P1	P2
Column Option	A	B	A	B	A	B	A	B		W1	W2		
1	839	1151	839	1227	839	1380	839	1532	20	W1	190	982	1081
2	1019	1331	1019	1407	1019	1560	1019	1712	21	W2	320	1162	1261
										W1	190		
										W2	320		
3	1329	1641	1329	1717	1329	1870	1329	2022	23	W3	625	1472	1571
										W1	190		
										W2	320		
										W3	625		
4	1644	1956	1644	2032	1644	2185	1644	2337	25	W4	755	1787	1886
										W5	885		
										W3	625		
5	1954	2266	1954	2342	1954	2495	1954	2647	28	W5	885	2097	2196

*Radii achieved at ≈ 75% WLL

TDAVIT® SHACKLED

- A** Position A
- B** Position B
- P1** Height of Pin Position 1
- P2** Height of Pin Position 2



TDAVIT® SHACKLED

Beam Option	1		2		3		4	
POSITION	A	B	A	B	A	B	A	B
RADIUS [mm]*	850	775	1050	960	1450	1328	1850	1700
WLL [kg]	500		500		375		300	
WEIGHT [kg]	10		11		14		17	

Height of Lift (HoL) [mm]											
Column Option	A	B	A	B	A	B	A	B	Weight [kg]	P1	P2
1	912	1224	912	1300	912	1453	912	1605	20	982	1081
2	1092	1404	1092	1480	1092	1633	1092	1785	21	1162	1261
3	1402	1714	1402	1790	1402	1943	1402	2095	23	1472	1571
4	1717	2029	1717	2105	1717	2258	1717	2410	25	1787	1886
5	2027	2339	2027	2415	2027	2568	2027	2720	28	2097	2196

*Radii achieved at = 75% WLL

PORTADAVIT®

Can be rotated 360° under
a full load

Clean powder-coated finish
for increased wear resistance

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

Incredibly lightweight
– it weighs just 24kg



Our **PORTADAVIT** is a rapid deployable, lightweight solution that offers a WLL of up to 1000kg and can be easily rotated 360° under a full load. The system can be operated by just one person and can support both goods and personnel lifting.

Key features

- EN795:2012 Certified
- ATEX Certified
- Can support goods and personnel lifting;
 - Goods WLL of up to 1000kg
 - Personnel WLL of up to 300kg
- Ease of assembly with the use of just one pin, no tools required
- Can be rotated 360° under a full load
- Engineered with easy radius adjustment
- Engineered designs and bespoke sections reduce weight, providing lightweight portability

Configurations

The **PORTADAVIT** is available in a range of standard configurations. It can also be customised in line with specific requirements and interchangeable components (subject to WLL rating).

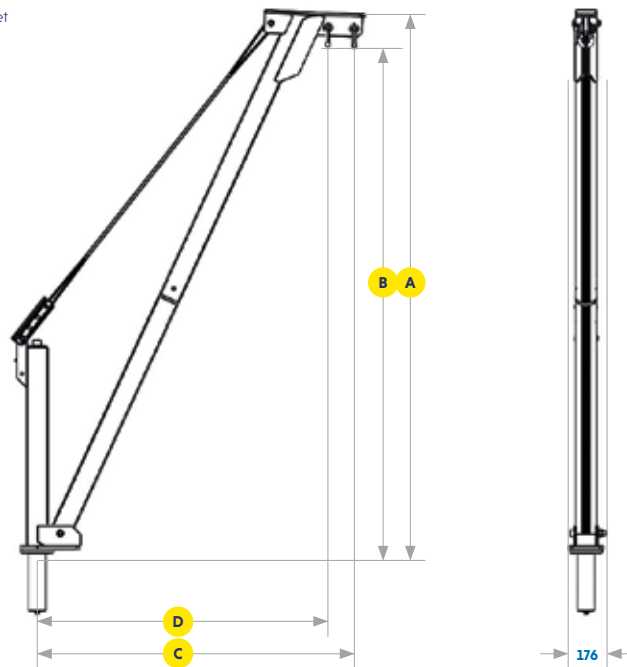


Features & Performance

	500	1000
Accreditations, Certifications & Standards		
EN795:2012	✓	✓
PD CEN / TS16415:2013	x	✓
AS/NZS 5532:2013	✓	✓
ATEX Certified [Zone 2]	✓	✓
ATEX Certified [Zone 1]	Optional	Optional
IRATA	x	✓
Capacity		
Maximum Goods Lifting [kg]	500	1000
Maximum Personnel Lifting [kg]	250	300
Fall Arrest [Persons]	1	2
Dimensions		
Maximum Reach [mm]	1200	1200
Maximum Height of Lift [mm]	2107	2100
Socket Diameter		
65mm	✓	x
95mm	x	✓
Socket Options		
Top Mount	✓	✓
Flush Mount	✓	✓
Side Mount	✓	✓
Bridge Mount	✓	x
Pedestal	✓	x
Extension Post	✓	x
Standard Features		
Shackle Lifting points	✓	✓
Weight < 25kg	✓	x
Optional Extras		
Winch Capable	Optional	x
Finishes		
Anodised	x	✓
Powder Coated	✓	x
316SS Fixings	Optional	Optional
Marine Spec	Optional	Optional

PORTA DAVIT® 500

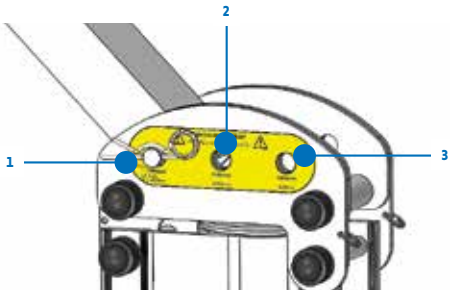
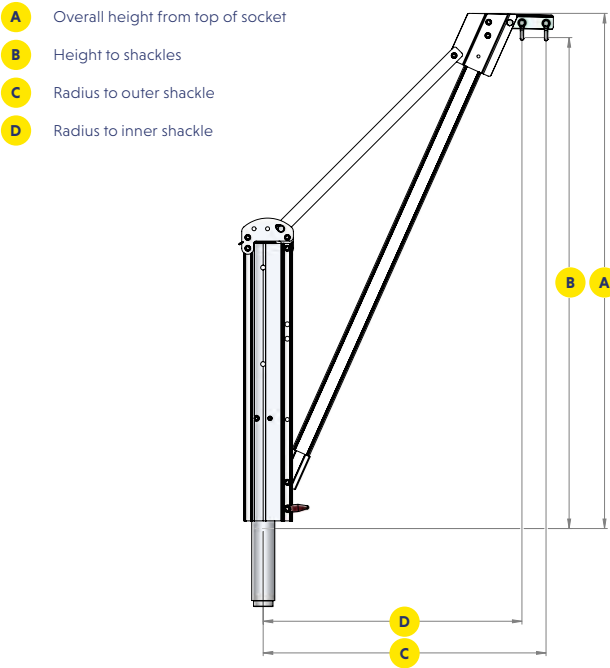
- A** Overall height from top of socket
- B** Height to outer shackle
- C** Radius to outer shackle
- D** Radius to inner shackle



WLL	Radius Adjustment Points	Dimensions [mm]			
		A	B	C*	D*
500kg	1	2036	1925	1200	1100
	2	2139	2028	1000	900
	3	2218	2107	800	700

*Radii achieved at ≈ 75% WLL

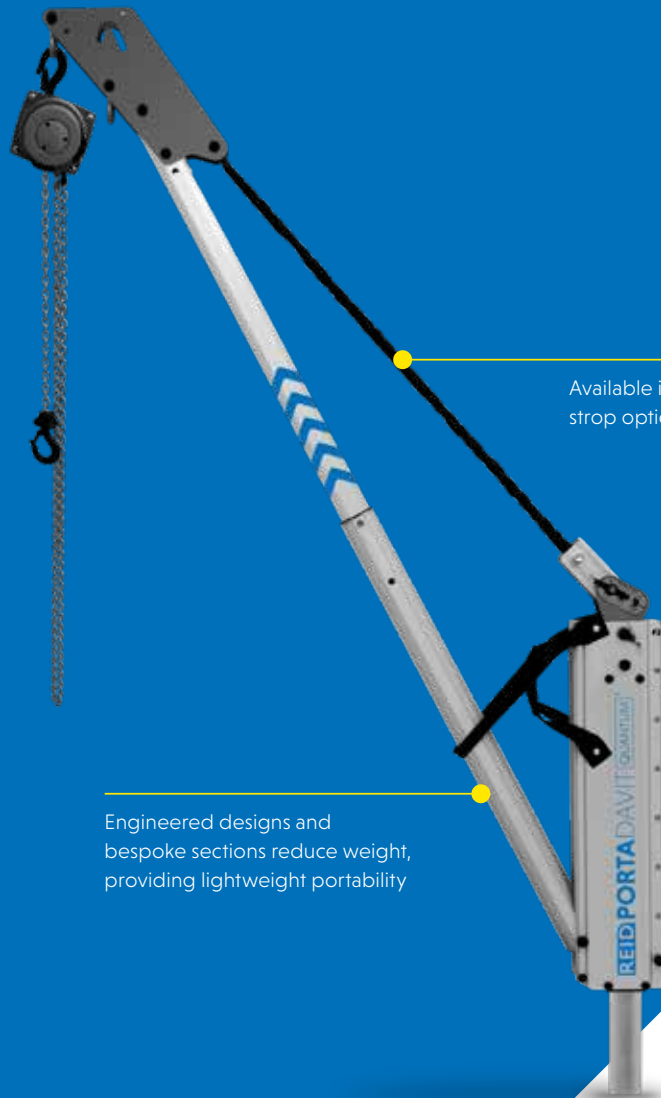
PORTADAVIT®1000



WLL	Radius Adjustment Points	Dimensions [mm]			
		A	B	C*	D*
1000kg	1	2100	2000	1200	1100
	2	2150	2050	1100	1000
	3	2200	2100	1000	900

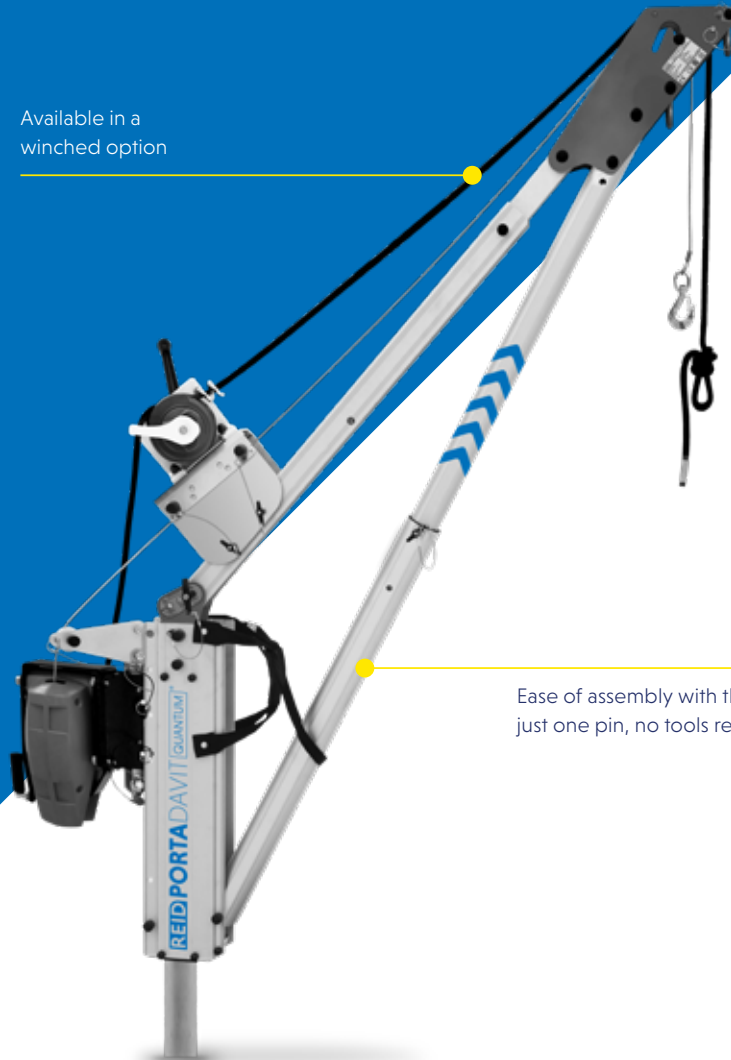
*Radii achieved at ≈ 75% WLL

PORTA DAVIT QUANTUM[®]



Engineered designs and bespoke sections reduce weight, providing lightweight portability

Available in a strop option



Available in a winched option

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

Our **PORTADAVIT** QUANTUM is a rapidly deployable, lightweight solution to heavy lifting and lowering of goods and personnel. Weighing from just 18.5kg when fully assembled, it can be manually operated by one person while maintaining a lifting capacity of up to 600kg.

Key features

- › EN795:2012 Certified
- › ATEX Certified
- › Can support goods and personnel lifting;
 - › Goods WLL of up to 600kg
 - › Personnel WLL of up to 300kg
- › Ease of assembly with the use of just one pin, no tools required
- › Can be rotated 360° under a full load
- › Designed with a universal kingpin which is compatible for all REID sockets
- › Easy radius adjustment
- › Engineered designs and bespoke 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.



**600KG
WLL**



**1 PERSON
ASSEMBLY**



**FROM
18.5KG**



**EN795
CERTIFIED**



**ATEX
CERTIFIED**

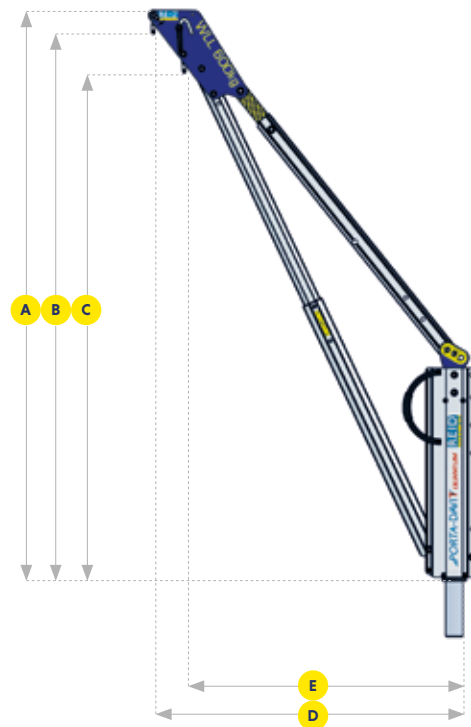
Features & Performance

	PDQ 1	PDQ 2
Accreditations, Certifications & Standards		
EN795:2012	✓	✓
AS/NZS 5532:2013	✓	✓
ATEX Certified [Zone 2]	✓	✓
ATEX Certified [Zone 1]	Optional	Optional
IRATA	✓	x
Capacity		
Maximum Goods Lifting [kg]	600	500
Maximum Personnel Lifting [kg]	300	250
Fall Arrest [Persons]	1	1
Dimensions		
Maximum Reach [mm]	1200	1500
Maximum Height of Lift [mm]	2111	1957
Socket Diameter		
65mm	✓	✓
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 < 25kg	✓	✓
Optional Extras		
Winch Capable	✓	✓
Finishes		
Anodised	✓	✓
316SS Fixings	Optional	Optional
Marine Spec	Optional	Optional

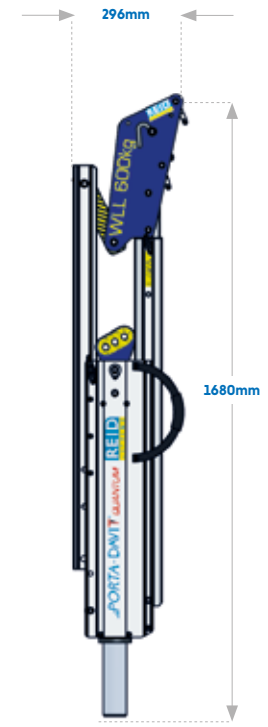
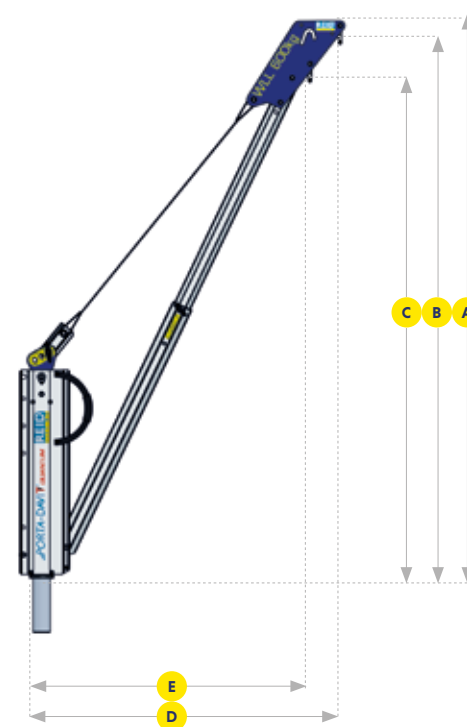
PORTADAVIT **QUANTUM**®

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

WINCHED [Type W]



STROP [Type S]



Product Code		WLL	Radius Adjustment Points	Dimensions [mm]			
				A	B	C	D*
PDQ1S	600kg	1	2007	1935	1799	1200	1100
PDQ1W		2	2061	1989	1848	1100	1000
		3	2111	2039	1892	1000	900
PDQ2S	500kg	1	1837	1766	1647	1500	1400
PDQ2W		2	1899	1827	1703	1400	1300
		3	1957	1885	1755	1300	1200

*Radii achieved at = 75% WLL

➤ Sockets & Extensions

We manufacture a range of standard sockets that are suitable for a variety of fixing structures (subject to engineer approval). Available in aluminium, galvanised mild steel, passivated 316L stainless steel and a yellow painted finish. We can also manufacture customised products and sockets on request.



➤ Sockets

➤ Flush Mount

Complete with cover and re-bars, for casting into concrete.
Complete with cover for resin bonding into existing concrete.

➤ Top Mount

Suitable for bolting into existing concrete or steel structures.
Comes complete with cover.

➤ Side Mount

Suitable for mounting on the side of concrete or steel structures.
A brace plate can be supplied for thin-walled concrete.

➤ Bridge Mount

Suitable for bolting into steel structures.
Designed to fit open mesh grating or flush with structural steel work.

➤ Customised

Bespoke versions can be developed for non-typical installations. To discuss your requirements with us, contact us on enquiries@reidlifting.com.

Socket Type	Diameter [mm]	Weight		
		Galvanised Steel [kg]	Aluminium [kg]	Stainless Steel [kg]
Bridge Mount	65	19	7	19
Side Mount	65	13	6	17
Side Mount	95	31	–	31
Top Mount	65	13	9	13
Top Mount	95	30	–	31
Flush Mount	65	5	–	4
Flush Mount	95	9	–	9

Sockets

Ground Level



Flush Mount



Bridge Mount



Side Mount



Top Mount

Height of Lift:
+264mm

➤ Socket extensions

Our socket extensions are designed to provide additional lift height or reach over obstacles, protective rails or walls for 65mm socket/kingpin products.

Made from lightweight aluminium 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 **TDAVIT** or **PORTADAVIT**, as normal, using the extension as its socket.

Our socket extensions are available in three standard sizes:

- 500mm
- 800mm
- 1100mm

They can also be customised 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.

Key features

- Can be used with 65mm REID davits combined with 65mm fixed sockets
- Increases the height to the lifting eye by 500mm, 800mm or 1100mm, as standard
- Portable and lightweight with carrying/lifting handles
- Safe use features
- Maintenance free
- Manual handling compliant

Socket Type	Height [mm]	Weight [kg]
Pedestal	500	14
Pedestal	800	17
Pedestal	1100	20
Socket Extension	500	13
Socket Extension	800	15
Socket Extension	1100	19



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.

> Customisation

At REID Lifting, we understand the uniquely challenging lifting requirements our clients are faced with which is why we offer a range of customised 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 bespoke 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 customised solutions, please contact REID Lifting representative or email enquiries@reidlifting.com





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