

PORTA-DAVIT[®] QUANTUM



Strong yet ultra-light system with integrated carry handle, capable of lifting up to 600kg.



600KG WLL



1 Person



From 18.5KG



EN795

This unique, ultra-light and rapidly deployable system is the latest innovation to come from REID Lifting. A WLL 600kg and weighing from just 18.5kg with an integrated carry-handle, the PORTA-DAVIT QUANTUM is easily transported, and suitable for a range of applications.



ASSEMBLY VIDEO

NEW HEAD DESIGN
Innovative head design with three sheaves & dual winch position

IMPROVED SAFETY
Shock absorbent strop for enhanced personnel protection or rigid backstay for winch mounting

ULTRA-LIGHTWEIGHT
Integrated carry handle. Unit weighs from just 18.5 - 23.5kg

QUICK & EASY ASSEMBLY
Telescopic jib with integral overload indicator

RAPID ATTACHMENTS
Column fins allowing simple winch attachment and 2 radius ranges (900 -1200mm or 1200 -1500mm)

PERSONNEL RESTRAINT POINT

EASE OF ROTATION
Innovative bearing design for ease of rotation under load

TYPE S (STROP)

TYPE W (WINCHED)



PORTA-DAVIT QUANTUM Information:

- GOODS WLL**
 - PORTA-DAVIT QUANTUM 1 - WLL 600kg up to 1200mm radius
 - PORTA-DAVIT QUANTUM 2 - WLL 500kg up to 1500mm radius
- PERSONNEL WLL** Up to 300kg PDQ1, 250kg PDQ2 positioning at all configurations and 150kg fall arrest
- 1 PERSON FALL ARREST** EN795:2012 certified - as part of an EN363 compliant system. In conformity with AS/NZS 5532:2013*
- ROPE ACCESS** Conforms to IRATA International Code of Practice for industrial rope access*
- ATEX** All models suitable for use in ATEX Zone 2 explosive atmospheres. ATEX Zone 1 is available as an upgrade
- LIGHTWEIGHT & PORTABLE** Manual handling compliant - fully assembled weight from just 18.5kg

- Integrated carry handle
 - Bagged for easy transportation and storage
 - RAPID ASSEMBLY** No tools needed, assembles on just 1 pin (2 for winched)
 - RADIUS ADJUSTMENT** 900mm -1200mm or 1200mm -1500mm as standard
 - EASE OF ROTATION** 360° rotation under full load with fingertip control
 - CORROSION RESISTANT** Clean anodised finish to increase corrosion resistance and clean room applications
 - UNIVERSAL KINGPIN** Mates with all 65mm REID sockets (or sleeves for existing sockets)
- Also suitable for use with socket extensions

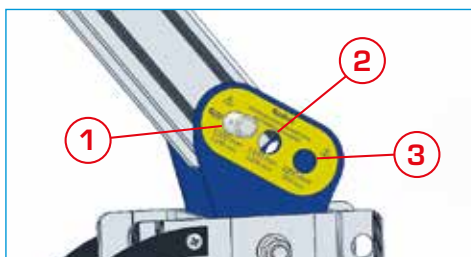
* Applies to PDQ1 types only

Notified Body Approval SGS UK (0120); Patented & registered designs.

PORTA-DAVIT QUANTUM Dimensions



Radius Adjustment Points



	WLL	Radius Adjustment Points	Dimensions (mm)				
			A	B	C	D	E
PDQ 1	600kg	1	2007	1935	1799	1200	1100
		2	2061	1989	1848	1100	1000
		3	2111	2039	1892	1000	900
PDQ 2	500kg	1	1837	1766	1647	1500	1400
		2	1899	1827	1703	1400	1300
		3	1957	1885	1755	1300	1200

* Radii achieved at ≈ 75% WLL

SOCKETS & EXTENSIONS:



PDGPO/EN/V9/2019/01