

# PORTA-DAVIT<sup>®</sup>

## QUANTUM

No. 1 for Lightweight, Portable & Safe Lifting Solutions



600KG  
WLL



1 Person  
Assembly



From  
18.5KG



EN795  
Type B

This unique, ultra-light and rapidly deployable system has a WLL 600kg and weighs just 18.5kg. Complete with an integrated carry-handle, the *PORTA-DAVIT QUANTUM* is easily transported, and suitable for a range of applications.

### Suitable for Use



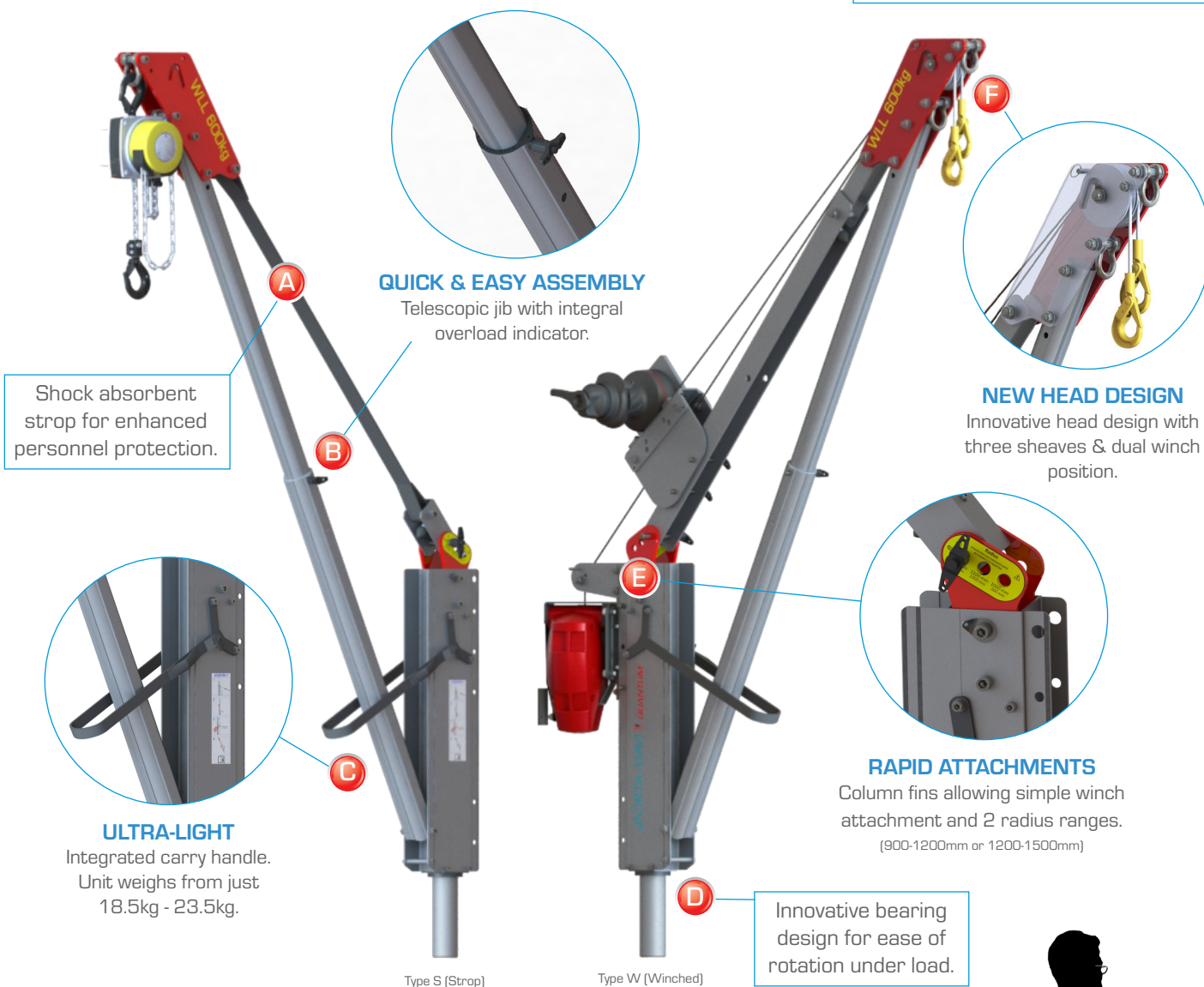
ATEX Zone 2



Personnel



Goods Lifting



### QUICK & EASY ASSEMBLY

Telescopic jib with integral overload indicator.

Shock absorbent stop for enhanced personnel protection.

### ULTRA-LIGHT

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

### NEW HEAD DESIGN

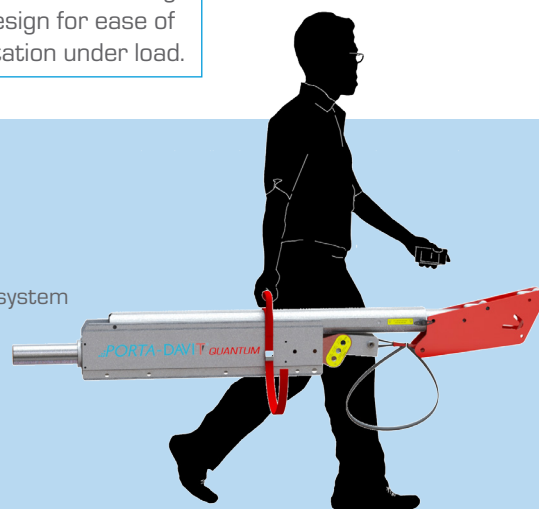
Innovative head design with  
three sheaves & dual winch  
position.

### RAPID ATTACHMENTS

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

Innovative bearing  
design for ease of  
rotation under load.

- **GOODS WLL** *PORTA-DAVIT QUANTUM* 1 - up to 600kg at 1200mm radius  
*PORTA-DAVIT QUANTUM* 2 - up to 500kg at 1500mm radius
- **PERSONNEL WLL** Up to 150kg at all configurations
- **1 PERSON FALL ARREST** EN795:2012 certified - as part of an EN363 compliant system
- **VERSATILE** Suitable for use in ATEX Zone 2 explosive atmospheres
- **LIGHTWEIGHT** Integrated carry handle with a unit weight of 18.5kg - 23.5kg
- **RAPID ASSEMBLY** No tools needed, assembles on just 1 pin (2 for winched)
- **CLEAN** Anodised finish to increase corrosion and wear resistance





EN795 2012  
Type B



LEEA Member



ISO 9001



ISO 14001



OHSAS  
18001

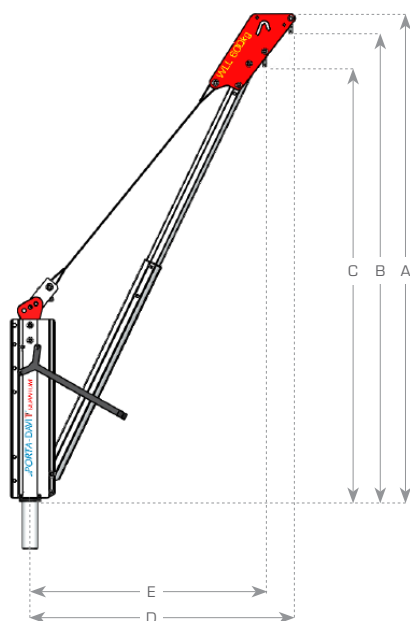


The Queen's Award  
for Enterprise:  
Innovation

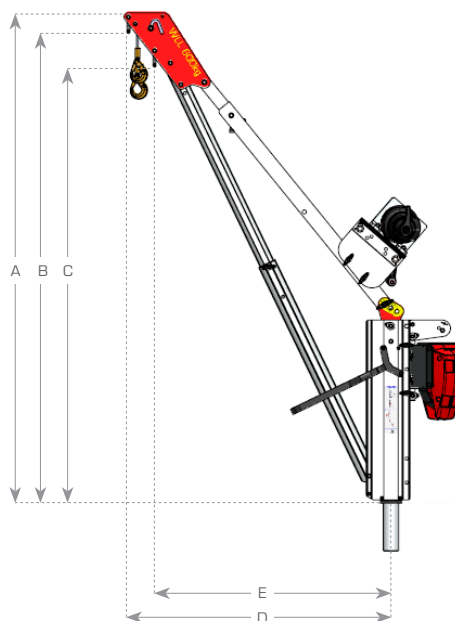


LIGHTWEIGHT | PORTABLE | SAFE

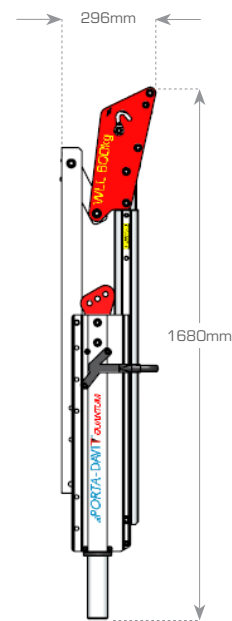
## Specifications



Type S (Strop)

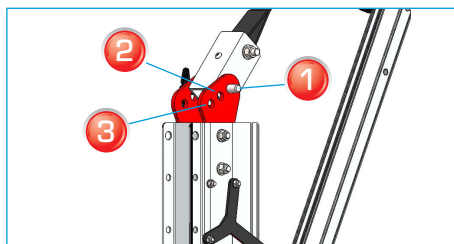


Type W (Winched)



Folded 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

## Sockets & Extensions

Socket  
Extensions

The *PORTA-DAVIT QUANTUM* has been designed to fit all existing and new REID Lifting sockets and socket extensions.

Sockets



Flush Mount



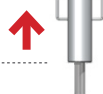
Bridge Mount



Side Mount



Top Mount  
Height of Lift:  
+264mm



SE500  
Height of Lift:  
+500mm



SE800  
Height of Lift:  
+800mm



SE1100  
Height of Lift:  
+1100mm