PORTA-DAVIT QUANTUM



WLL	Radius Adjustment Points	Dimensions [mm]			
		A Overall height from top of socket	B Height to outer shackle	C* Radius to outer shackle	D* Radius to inner shackle
1000kg	1	2100	2000	1200	1100
	2	2150	2050	1100	1000
	3	2200	2100	1000	900

*Radii achieved at ≈75% WLL

PRODUCT DESCRIPTION

PORTADAVIT QUANTUM – MOBILITY AND LIFTING POWER FOR CONFINED SPACES

PORTADAVIT QUANTUM is a lightweight, easily moved crane that can be put to use quickly. It suits many kinds of work sites, such as wells, tanks, wastewater treatment plants, shipyards, industry and other confined or challenging working environments.

The one-piece design folds to fit in a van, allowing easy transport and quick set-up – even by one person. Its excellent strength-to-weight ratio makes it an efficient alternative to traditional, heavier lifting solutions.

Key features

- EN795:2012 and ATEX certified – a safe choice even in demanding conditions
- Suitable for both material and personnel lifting *(lifting capacity up to 600 kg / personnel lifting up to 300 kg)*
- Allows one person to work with fall protection
- Quick and easy set-up – assembled without tools
- Full 360° rotation, also under load
- Universal mounting – compatible with all REID bases
- Adjustable reach makes work easier at different sites
- Anodised finish protects effectively against corrosion and extends service life
- Light but durable design – easy to move

Configurations and compatibility

PORTADAVIT QUANTUM (PDQ) is available in different configurations, making it a very flexible solution for different lifting needs. It can be fitted with either a strop or a winch and is compatible with a wide range of lifting equipment.

Thanks to this flexibility, the same unit can be used at many different sites – often with existing lifting equipment as well. This reduces the need for investment and makes better use of equipment.

- The winch can be mounted on the mast or the rear support, with the rope guided in a controlled way to the boom tip

- Chain hoists (manual or electric) can be attached directly to the lifting points
- Continuous-rope winches allow loads to be moved over longer distances

PORTADAVIT QUANTUM [1] – STROP VERSION



- EN795:2012 certified
- ATEX certified *(Zone 2 as standard, Zone 1 available)*
- **Personnel lifting capacity:** 300 kg
- **Material lifting capacity:** 600 kg
- Three adjustment points

- Double attachment point (shackle head) for easy fitting of accessories
- Compatible with REID socket systems and the PORTABASE counterweight system
- *Not suitable for use with a winch*

PORTADAVIT QUANTUM [1] – WINCHED VERSION



- EN795:2012 certified
- ATEX certified *(Zone 2 as standard, Zone 1 available)*
- **Personnel lifting capacity:** 300 kg
- **Material lifting capacity:** 600 kg
- Three adjustment points
- Double sheave for winches and SRL devices
- Double attachment point (shackle head) for easy fitting of accessories
- Compatible with REID socket systems and the PORTABASE counterweight system

PORTADAVIT QUANTUM [2] – STROP VERSION



- EN795:2012 certified
- ATEX certified *(Zone 2 as standard, Zone 1 available)*
- **Personnel lifting capacity:** 250 kg
- **Material lifting capacity:** 500 kg

- Three adjustment points
- Double attachment point (shackle head) for easy fitting of accessories
- Compatible with REID socket systems
- *Not suitable for use with a winch*

PORTADAVIT QUANTUM [2] – WINCHED VERSION



- EN795:2012 certified
- ATEX certified *(Zone 2 as standard, Zone 1 available)*
- **Personnel lifting capacity:** 250 kg
- **Material lifting capacity:** 500 kg
- Three adjustment points
- Double sheave for winches and SRL devices
- Double attachment point (shackle head) for easy fitting of accessories
- Compatible with REID socket systems

PORTADAVIT QUANTUM [RESTRICTED] – WINCHED VERSION (RESTRICTED RADIUS)



- The restricted-radius PDQ is designed for personnel lifting, especially in confined spaces together with PORTABASE products. It is equally suited to handling lifting equipment or machinery.
- EN795:2012 certified

- ATEX certified (Zone 2 as standard, Zone 1 available)
- Personnel lifting capacity: 300 kg
- Material lifting capacity: 600 kg
- Fixed 800 mm radius
- Double sheave for winches and SRL devices
- Double attachment point (shackle head) for easy fitting of accessories
- Compatible with REID socket systems
- Also suitable for use with the PORTABASE counterweight system and the H Base system

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