

# PORTA-DAVIT™ 500



Lightweight 2 piece, bagged davit system with up to WLL 500kg, yet only 24kg fully assembled.



500KG WLL



1 Person



24KG Bagged



EN795

With a safe lifting capacity of up to 500kg, made of lightweight aluminium and weighing just 24kg (fully assembled), the *PORTA-DAVIT* system is literally a one person 'pick up and go' lifting solution. Manufactured using REID Lifting's innovative design, the *PORTA-DAVIT* bagged system can be easily transported by hand to any site that a single person can access.

The *PORTA-DAVIT* is available in several variations, including standard strop and winched versions, extended radius (e.g. WLL 350kg at 1500mm radius) and complete with a portable socket base (the *PORTA-BASE*), removing the need for a fixed socket installation.



ASSEMBLY VIDEO



## PORTA-DAVIT 500 Information:

- **GOODS WLL** Up to 500kg
- **PERSONNEL WLL** Up to 250kg positioning, max. 150kg fall arrest
- **1 PERSON FALL ARREST** EN795:2012 certified - as part of an EN363 compliant system
- **ATEX** All models suitable for use in ATEX Zone 2 explosive atmospheres. ATEX Zone 1 is available as an upgrade
- **LIGHTWEIGHT & PORTABLE** Standard unit just 24kg fully assembled
  - Simple assembly within manual handling guidelines, 2 piece design with no tools needed
  - Easy to store and transport in heavy duty bag
- **RADIUS ADJUSTMENT** 800-1200mm\* as standard
- **EASE OF ROTATION** 360° rotation under full load with fingertip control
- **CORROSION RESISTANT** Clean, powder-coated finish
- **UNIVERSAL KINGPIN** Mates with all 65mm REID sockets (or sleeves for existing sockets) - includes REID's unique portable socket, the *PORTA-BASE*. Also suitable for use with socket extensions.

\* Radii achieved at ≈ 75% WLL



## PORTA-DAVIT 500 man-rated options

The *PORTA-DAVIT* is available in three forms rated for different personnel applications:

- **FALL PROTECTION** Standard strop davit with a fall arrest unit fitted to a shackle
- **LOWER & RAISE** Winched davit with a man rated winch to lower and raise personnel and separate fall arrest unit with or without integral retrieval winch
- **LADDER OR CLIMBING** Winched davit with a fall arrest unit with integral retrieval winch where personnel moves on a ladder or climbing

The *PORTA-DAVIT* system (using REID mounting sockets) is approved to EN795:2012, as part of an EN363 compliant system

We recommend that the *PORTA-DAVIT* unit has a dedicated man-ride rating only and is set at the minimum possible operating radius; however, it is possible to have the davit dual rated at 120kg for man ride and 500kg goods lifting

When used for man-ride applications the *PORTA-DAVIT* unit **must** be dedicated to the man-ride application **only** and there should be no goods load attached to the davit. Suitably rated chain blocks, winches and man-ride options and accessories are all available from REID Lifting

Notified Body Approval SGS UK (0120); Patented design.

## SOCKETS & EXTENSIONS:



## PORTA-BASE™

Versatile, portable socket base for REID's *PORTA-DAVIT* 500 systems.



500KG WLL



1 Person



Various Configurations & Bagged



EN795  
90°, 180° & 360°

A truly innovative extension to the REID socket family to further support the flexible use of the *PORTA-DAVIT* 500 range. The most convenient socket without any need for a fixed socket installation.

### PORTA-BASE Information:

- **GOODS WLL** Up to 500kg at a max. 1000mm radius
- **PERSONNEL WLL** Up to 120kg
- **PORTABLE** Packed in heavy duty protective bags for easy transportation and storage
- **SPECIFICATIONS**
  - Adjustable feet for uneven surfaces with spirit level fitted to each leg
  - For use with 65mm socket diameter
  - Suitable for clean environments

*PORTA-BASE* is currently not suitable for use with socket extensions, *PORTA-DAVIT QUANTUMs* or *TDAVITs*.



Available as a 90° and 180°, as well as the 270° counterbalanced version with up to 1000mm radius.

Notified Body Approval Lloyd's Register (0038)

PD500/EN/V3/2019/01