

TwinSleeve Davit System



Temporary mobile anchor device for people and loads

Lightweight, mobile, rotatable and quick to assemble 'Anchorage point' for use with fall arrest equipment & rescue systems (confined entry & rescue).

Mobile anchor device for people and loads

TwinSleeve davit has a unique design and is very ergonomic, especially when operated with STAR-series fall arrest, rescue and evacuation devices and accessories! The lightweight aluminum mast with boom can rotate through the full 360°(!). It remains stable with different modular mount-bases preventing tipping while rotating.



Unique design

Thanks to the unique TwinSleeve design both the boom and the mast are telescopically adjustable in length and height. The extra length/height settings are important to be able to lift worker's complete body length over an edge or out of a manhole (also if flange/edge higher than the surrounding floor)

Ergonomic in use

Because the device-sleeve can be adjusted in length it's ergonomic for operators of different lengths. Due to its design two devices (fall arrest, man riding winch or rescue, etc.) can both be connected onto device-sleeve on operator's side!

Total concept

The total TwinSleeve davit-concept is a davit with a far reach and height without separate components. The required base is determined by the installation site. If regularly used at a specific point a fixed floor adapt can be preferred. When used at different locations the choice is the flexible mobile base.

Attached fall arrest, rescue- and evacuation systems. When the attached fall arrest, rescue and evacuation systems are combined user-friendliness and ergonomics and local regulations are important. The davit is designed so that the attached systems are operated on the "safe" side of the davit (e.g. not over the edge/ manhole).

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Specifications

| | |
|---|---|
| Setting: | Height, adjustable: 1,950 – 2,500 mm (6.4 - 8.2 ft) Reach (boom length): 620 – 900 mm (24.4 – 35.4") |
| Attachments: | Devices: - On Mast at operator-side - On Boom-Top |
| Structure: | Mast: single piece Boom: two piece, length adjustable Boom-Sleeve & Device-Sleeve: height adjustable Swivable through full 360° (mast with boom) Two cable guides (over the mast-top and boom-top) |
| Materials: | Mast & Boom: aluminum (powder coated) Bases: aluminum & steel (powder coated) |
| Modular brackets for attaching fall arrest devices, recovery blocks, rescue & evacuation devices, man riding winches, Winches directly to davit mast | |
| Capacity: | Max. 1 person (max. 120 kg – 265 lbs) |
| Weight (excl. base): | 22 kg (48.5 lbs) |
| Particularly low examination & inspection costs | |

Characteristics:

- Light weight, mobile anchor provision
- Swivable through full 360°, retaining stability in all positions
- Specifically for positioning along piers, platforms, edges, above pits, tanks, manholes, etc.
- To be combined with: fall arrest devices, fall arrest devices with integrated recovery winch, cable and line grab systems, personnel lifting winches, rescue devices,
- Evacuation systems, load safety arrest devices, etc.;
- Height adjustable: max. 8.2 ft - 2.5 meter;
- Capacity: max. 1 persons (120 kgs - 265 lbs);



Man Riding Winches

A special man riding winch will be installed on the TwinSleeve Davit, two models are available:

- MRW15 with 15 meter 5mm galvanized cable (optional stainless steel cable)
- MRW33 with 33 meter 5mm galvanized cable (optional stainless steel cable)



Article codes:




| Article No. | Description | |
|-------------|--|---|
| DS0005 | TwinSleeve Davit, reach 62-90 cm; h=1.95-2.5 m - EN 795-B (Only TwinSleeve Davit, base, manriding winch and bracket are optional, please see below) |  |
| DS0001 | Manriding winch MRW15, 15m galvanized steel wire (MD 2006/42/EC, EN 1808) (optional Stainless Steel wire) |  |
| DS0003 | Mounting bracket Manriding Winch type MRW 15 (NoBo approved) | |

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| Article No. | Description | |
|-------------|---|---|
| DS0002 | Manriding winch MRW33, 33m galvanized steel wire (MD 2006/42/EC, EN 1808) (optional Stainless Steel wire) |  |
| DS0004 | Mounting bracket Manriding Winch type MRW33 (NoBo approved) | |
| DS0007 | TwinSleeve HitchConnect, Tow-Bar Base Mount, Twinsleeve Davit |  |
| DS0006 | TwinSleeve Spider, Base Mount, Twinsleeve Davit |  |