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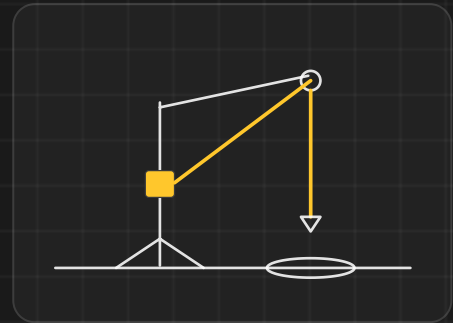
Tactical Safety for Access & Falls

Product datasheet

ANCHORLINE & RESCUE

Anchorline & Rescue System

Fall protection does not end when a fall is arrested, and not every work area has a structure to anchor to. TsaF Anchorline & Rescue combines the FlexiDavit rescue system with the Mobile Anchor Series, giving trained teams a way to retrieve a worker safely and a secure anchor wherever the work is.



12 kN

FlexiDavit Modular Arm maximum load

6

FlexiDavit base types

360°

TruckSafe and ConcreteSafe swing arm rotation

Overview

Two gaps in many fall protection plans

Most fall protection plans focus on stopping a fall. Two questions are often left open: how a worker who has been arrested, or who is injured in a tank, pit or elevated area, will be brought down or out quickly; and how to protect people working where there is no structure strong enough to anchor to, such as on top of a truck in an open yard. TsaF Anchorline & Rescue answers both.

FlexiDavit rescue system

The TsaF FlexiDavit Modular Arm (FD-MA-100) is a portable davit for rescue at height. It is made from stainless steel 304 or 316, with a maximum load of 12 kN, and is used with a limiter as a system requirement. The arm mounts on a range of bases to suit each site: a bolt-down floor base, a side-mounting base, a concrete-embedded base, a recessed flush base, a fixture-mounting base and a portable support base. That allows quick set-up and safe, controlled retrieval of a worker after a fall or incident, including from confined spaces and elevated platforms.

Depending on the site, the rescue system can be integrated with suitable anchor points, lifelines, ropes, connectors and rescue equipment. It is designed for use by trained rescue and safety personnel, and annual maintenance is recommended.

Mobile Anchor Series

Where no fixed structure is available, TsaF mobile anchors provide a freestanding anchor point that can be moved into position quickly.

- **TruckSafe (TS-MHP-T360):** a 6 m high mobile anchor with a 1.5 m swing arm rotating through 360°, for work on trucks and tankers.
- **ConcreteSafe (CS-MHP-T360):** a counterweighted anchor on a 1.44 × 1.30 m footprint with a 1.5 m, 360° swing arm.

- **BallastSafe (BS-EA-PAP-350):** an energy-absorbing ballast anchor built from 12 identical, interchangeable 23 kg blocks, for roofs and open areas.

Applications include roof hatches, skylight guarding, roof perimeters, loading docks and warehouse traffic lanes. For fixed installations at loading bays, see the overhead lifeline system; on roofs, the horizontal lifeline; and on towers and ladders, the vertical lifeline.

Why TsaF

TsaF assesses the rescue scenarios and anchorage needs on your site, recommends the right davit base or mobile anchor and trains your team to use it. Rescue and anchor equipment must be ready when it is needed, so our Annual Maintenance Check covers the davit arm, bases and mobile anchors every year. Request a site assessment to plan rescue and anchorage for your site.

System types

FlexiDavit Modular Arm (FD-MA-100)

Portable stainless steel rescue davit with a 12 kN maximum load, used with a limiter, for controlled retrieval of a worker.

FlexiDavit bases

Bolt-down floor, side-mounting, concrete-embedded, recessed flush, fixture-mounting and portable support bases to suit each location.

TruckSafe (TS-MHP-T360)

6 m high mobile anchor with a 1.5 m, 360° swing arm and a 2.3–2.8 m footprint, for trucks and tankers.

ConcreteSafe (CS-MHP-T360)

Counterweighted mobile anchor on a 1.44 × 1.30 m footprint with a 1.5 m, 360° swing arm.

BallastSafe (BS-EA-PAP-350)

Energy-absorbing ballast anchor in mild steel, built from 12 interchangeable 23 kg blocks.

How it works

- 01 Rescue and anchorage assessment** — TsaF identifies where rescue may be needed and where no fixed anchor structure exists.
- 02 Davit base** — A floor, wall, embedded, flush, fixture or portable base is installed or positioned at each rescue point.
- 03 Davit arm and limiter** — The FlexiDavit arm mounts on the base and is used with a limiter and suitable rescue equipment.
- 04 Mobile anchor** — TruckSafe, ConcreteSafe or BallastSafe is moved into position to give a freestanding anchor point.
- 05 Connection** — Workers connect through compatible personal fall protection equipment, such as a retractable arrestor and harness.

06 **Trained response** — Trained rescuers use the system to access, secure, recover and evacuate personnel in a controlled way.

Benefits

Planned rescue

A reliable means of emergency rescue and controlled recovery of personnel after a fall or incident.

Anchor anywhere

Freestanding mobile anchors where no fixed structure is available.

Adaptable

Six davit bases and three mobile anchors suit different structures, access points and site layouts.

Quick deployment

Portable davits and mobile anchors can be set up quickly in critical situations.

Durable materials

Stainless steel davit arms and galvanised steel and aluminium mobile anchors for demanding environments.

Continuous protection

Mobile anchors keep workers connected while they move along the work area.

Components & specifications

SKU	Component	Key specifications
TSAF-401	Intermediate Cable Bracket for OHLLS	Material: SS-316 · Finishing: Natural Finish · Weight: 0.28 kg · Fixing: Through SS-304 Fasteners
FD-MA-100	TsaF FlexiDavit Modular Arm	Material: Stainless Steel 304/316 (A2/A4 optional) · Colour: Black / Grey · Maximum Load: 12kN · System Requirement: Limiter · Force Analysis: Vertical / 45° / Horizontal
TSOSAR03H	Bolt-down Floor Base	Model: TSOSAR03H · Base type: Bolt-down floor base · Used with: TsaF FlexiDavit Modular Arm FD-MA-100
TSOSAR03L	Side Mounting Base	Model: TSOSAR03L · Base type: Side mounting base · Used with: TsaF FlexiDavit Modular Arm FD-MA-100
TSOSAR03Y	Concrete Embedded Base	Model: TSOSAR03Y · Base type: Concrete embedded base · Used with: TsaF FlexiDavit Modular Arm FD-MA-100
TSOSAR030	Recessed (Flush) Base	Model: TSOSAR030 · Base type: Recessed (flush) base · Used with: TsaF FlexiDavit Modular Arm FD-MA-100
TSOSAR03J	Fixture Mounting Base	Model: TSOSAR03J · Base type: Fixture mounting base · Used with: TsaF FlexiDavit Modular Arm FD-MA-100
TSOSAR03X	Portable Support Base	Model: TSOSAR03X · Base type: Portable support base · Used with: TsaF FlexiDavit Modular Arm FD-MA-100
TS-MHP-T360	TsaF TruckSafe	Material: Carbon Steel, Aluminium Alloy, Galvanized Steel · Overall Height: 6 mtr · Footprint Dimensions: 2.3 to 2.8 m · Swing Arm Length: 1.5 m · Swing Arm Rotation: 360°

SKU	Component	Key specifications
CS-MHP-T360	TsaF ConcreteSafe	Material: Carbon Steel, Aluminium Alloy, Galvanized Steel · Overall Footprint: 1.44m × 1.30m · Swing Arm Length: 1.5m · Swing Arm Rotation: 360° · Weight: 755 kg, including empty counterweight box
BS-EA-PAP-350	TsaF BallastSafe Energy Absorbing	Material: MS · Overall Device Weight: 350 kg · Weight per Block: 23 kg · Number of Blocks: 12 pieces (identical & interchangeable) · Maintenance Cycle: 5 Years

Applications

- Rescue from confined spaces, tanks and manholes
- Rescue from elevated platforms and work areas
- Truck and tanker tops in open yards
- Loading docks and warehouse traffic lanes
- Roof hatches and roof perimeters
- Skylight guarding during temporary work
- Towers and industrial structures

Standards & specifications. Specifications are indicative and may vary with configuration. Final layouts, loads and applicable standards are confirmed by TsaF engineering for each project. Subject to technical changes.

Plan your anchorline & rescue system with TsaF

Site assessment · System design · In-house manufacturing
· Installation · Training · Annual Maintenance Check

We don't just install your safety system. We stand on the roof with you.

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