



# FALLSTOP® SAFETY T-LINE



**T-LINE**  
Fall arrester safety system

# FALLSTOP® SAFETY

## T-LINE

### Automatically controlled fall arrester safety system and swinging falls

Allows unrestricted work at two levels with longer fall edges. The dual rope is arranged in a V-shape to prevent dangerous swinging falls in every work position. This ensures that the user does not suffer any injuries by banging into obstacles or hitting the floor after a fall. The T-LINE safety system is primarily designed for stationary installation.

#### Examples

- Taking samples on tank cars in the chemical industry
- Repairs and inspection on vehicle roofs
- Loading /unloading of commercial vehicles

A dual rope in a fall arrester is arranged in a V-shape and is connected to the rope access technician.

A centrifugally controlled safety catch blocks the rope drum after a fall and arrests the person reliably. A pre-loaded spring keeps both strands of the dual rope taut and prevents slack line. This leads to short arresting paths, which is an advantage especially in light of the limited heights of vehicles.

The ascent from the ground to the working level is also continuously secured.

Thanks to an optionally integrated lifting function in the fall arrester, the person who has fallen can be easily lowered or lifted quickly and easily.

Previous standard safety systems comprised a horizontal rail with a carriage and a fall arrester. It was often not possible to use a system of this kind because there was no suitable sub-construction for attachment. Or a permanently installed continuous rail is not possible due to the existing installations or it would impede crane operations.

The T-LINE system only requires two load suspension points for installation.

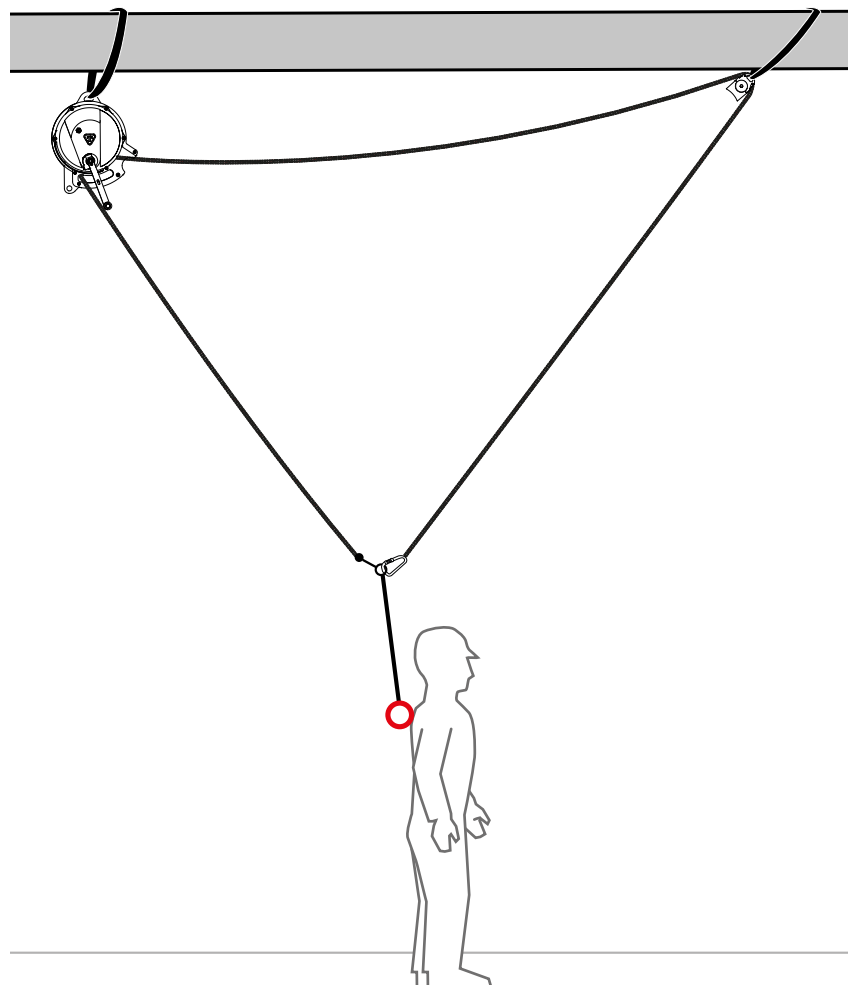
Ready-to-use assembly by our subsidiary SAFEPOINT®.

#### Features

- T-LINE 12.0 m
- T-LINE 24.0 m
- With guide pulley and rigging plate

#### Technical data

- Installation length type 1: 12.0 m max.
- Installation length type 2: 24.0 m max.
- Service life: 15 years is serviced regularly and if wear parts are replaced
- Regular inspection: annually by an expert
- Approval: CE type testing, tested according to EN 360
- Required strength: anchoring points: 10.0 kN in rope pull direction



Design of the T-LINE safety system.

**Attachment**  
For stationary installation

**Rescue lift**  
For lifting/rescuing casualties

**Casing**  
With rope drum  
and return spring

**Safety rope B**

**Attachment D-ring**

**Safety rope A**

**Guide pulley**

**Karabiner**  
For attachment to the person  
who needs to be secured



## Benefits

- No risk of swinging falls
- Absolute freedom of movement – no ropes in the work area
- Short arresting paths
- Low arresting forces for the user (< 6.0 kN)
- No slack ropes
- Optional: integrated rescue equipment (no separate rescue unit required, fast immediate rescue (when the rescue function is installed))
- Assembly service is user-friendly
- Full service: Risk assessment, structural stability, training, inspection
- All-in-one package



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