

T-LINE SAFETY SYSTEM

The next evolution in fall protection



*The most versatile
fall protection system
on the market*

What is the T-Line?

T-Line is a revolutionary safety line system designed for the purpose of fall prevention when working at heights.

T-Line consists of a single unit housing with two separate lifelines on separate spools that work independently of each other. Similar to an inertia reel, the lifelines are self retracting and self locking.

T-Line is typically set up in a triangular format and can cater for long spans up to 24 metres end to end with no intermediate supports. This feature overcomes many engineering issues that are associated with more traditional single line systems.

In a fall situation the two cables equalise to arrest the fall thus eliminating the pendulum swing and slide experienced with traditional systems which can cause injury when hitting structures in a sliding situation.

The T-Line system cables can be configured to bypass pipework or structures in a roof or reconfigured so the integrated rescue system can be adapted to a davit on a platform for the use of rescue or for confined space entry.

The T-Line Advantage

The T-Line Safety system represents the next evolution in fall protection systems and is the most versatile fall protection device on the market today. The system offers a level of versatility and safety that is unmatched by any other temporary fall protection system available.

T-Line's innovative design is engineered to give you:

Unprecedented hands-free, freedom of movement in all directions horizontally and vertically from ground up and across multiple levels

Ability to bypass obstacles while still attached to T-Line

Safe access where other systems can't T-Line gives you the ability to work around overhead obstructions such as pipe lines, steel works and even gantry cranes. In a fall event, T-Line produces much lower forces on the supporting structure thus allowing possible use on scaffolds*

Extremely low fall arrest distance The T-Line can be configured to provide fall protection even when working in low areas such as a flat bed truck

Quick and easy to install The 12 m system requires no tensioning or adjusting and can be installed by the user. The 24 m system should be installed by a trained installer.

Multiple installation options Each end can be mounted at different heights to accommodate sloping roofs, beams and structures with the main housing unit being lower than the secondary pulley.

Permanent or portable Robust build and minimalist design means the T-Line is suitable as a permanent installation yet transportable and



Applications

T-Line's unique design means it can be used where traditional fall protection devices cannot.

T-Line Safety Systems are ideal for:

- Truck and bus workshop bays
- Rail maintenance bays
- Heavy machinery maintenance
- Tanker wash bays
- Tanker repair and access
- Truck wash
- Truck loading
- Aviation
- Conveyor belt safety
- Platforms and walkways
- Access to work areas
- Manufacturing
- Maintenance access
- Construction
- Confined space
- Agriculture
- Telecommunications

quick to install as a temporary solution

Increased safety T-Line's fast locking speed and adjustability allows it to be effective even at low heights.

Simple and comfortable to use Ease of use and freedom of movement in all directions ensures user adoption

Versatile T-Line provides fall arrest, confined space entry and recovery all in one

Economical T-Line's reduced maintenance needs means its 10 year life cost is lower than comparable products.

The T-Line can also be converted to a standard single line fall arrest system enabling the T-Line housing to be used as an inertia reel - no need to buy two systems.

Faster rescue The T-Line has an integral rescue system. This device enables the rescue of a worker by drawing them back towards the T-Line device without the rescuer having to gain access to the fallen user

Re-usable after a fall T-Line can be serviced and re-used after a fall

**Must be certified by an engineer, based on actual scaffold design*



fall protection systems cannot

FERNO
When It's Critical®

The most versatile fall protection system on the market

T-Line Safety System is available as a 12 m or 24 m system and is supplied with all necessary components. Anchor point hardware is sold separately.

The T-Line range of anchors are specifically designed to simplify and minimise installation time and prevent the T-Line from swinging.

T-LINE BEAM CLAMP is adjustable to suit most beam sizes. Adjustable using standard tools, the Beam Clamp also incorporates a bi-directional anchor that can be altered to suit the install.

ANCHOR CLEVIS is designed to be bolted or welded to the structure and placed in the perfect orientation for the install.

Specifications

SYSTEMS	12 m SYSTEM	24 m SYSTEM
Product Code	MS-T01A	MS-T01L
Maximum Span	12 m	24 m
Maximum Vertical Range	@12 m Span = 6 m @ 6m Span = 12 m	@24 m Span = 20 m @18m Span = 18 m @12 m Span = 12 m
Maximum Fall Arrest Distance	1.8 m	1.8 m
Maximum Fall Arrest Force	6 kN	6 kN
Anchorage Requirement	19 kN	19 kN
Wire Rope Minimum Breaking Force	17 kN	17 kN
Wire	5 mm Diameter 7 x 19 Strand	5 mm Diameter 7 x 19 Strand
Weight	22.5 kg	29 kg
Installation	Self install OK	Requires a trained installer
Standards	CE Meets EN360 Requirements Compliant with AS/NZS 1891.3	CE Meets EN360 Requirements Compliant with AS/NZS 1891.3
ANCHOR POINTS	PRODUCT CODE	
Beam Clamp	MS-BC-01	
Clevis Anchor	MS-C-01	

Ferno and manufacturers of components reserve the right to change specifications without notice.



FERNO AUSTRALIA

Head Office: 11 Johnstone Road, Brendale, QLD 4500

T: +61 7 3881 4999 E: info@ferno.com.au F: +61 7 3881 1125

www.ferno.com.au