

SpanSet®



**SAFELINE HT-8
HORIZONTAL LIFELINE**

**Height Safety
Lifting
Load Control
Safety Management**



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HT-8 Horizontal Lifeline

The Safeline HT-8 lifeline system is a high tension permanent installation horizontal lifeline safety system utilising 8mm aircraft grade cable and suitable for work restraint or fall arrest. Designed to accommodate long continuous lifelines under high pretensions of up to 400kgf, and inclines of up to 15 degrees when correctly installed onto a suitable structure.

The HT-8 includes a unique, patented Force Attenuation device which allows systems to be configured to match installation requirements or structural limitations to provide maximum Certified Safety.

Safeline was established in 2002 and is a registered ISO 9001 Quality Management and ISO14001 Environmental Management organisation.



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Features & Benefits

- Unique patented energy attenuation device allows the system performance to be finely matched to the requirements of the installation structure.
- The HT-8 traveller uses sealed stainless steel bearings in the sheave wheels to prolong life and reduce the need for maintenance.
- Multi-function parts give continuous hands free traversing of the lifeline.
- Brackets and accessory components designed to ensure suitability of mounting onto a wide range of structures.
- Designed to provide comprehensive safety of 140kg body mass and up to a team of 4 workers in fall arrest in the worst case.
- Allowing maximum worker access for work at height operations.
- Minimised design style reduces the number of moving parts within the lifeline components to increase the lifespan and durability of the installation.
- Components are predominantly manufactured from marine grade stainless steel and polished to improve corrosion resistance.
- Designed to be installed in continuous unsupported spans of up to 40m.
- Externally tested at a notified body. Tested and certified to the new EN795:2012 Type C Anchor Devices Standard and meets and exceeds the requirements of PD CEN/TS 16415:2013 for systems.

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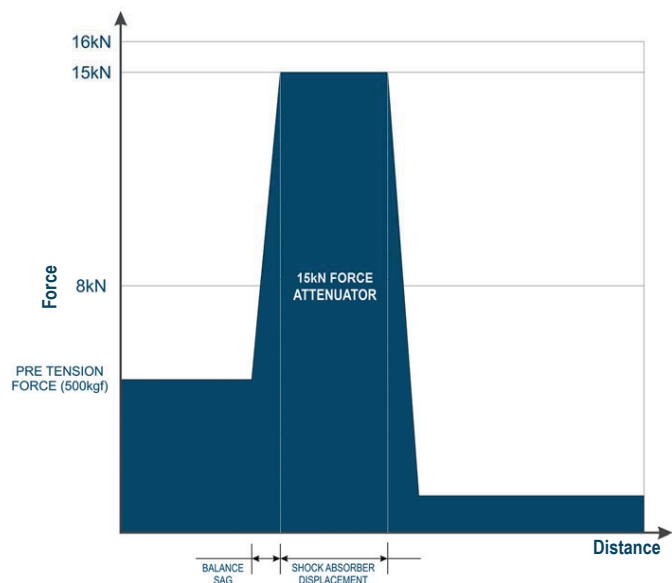
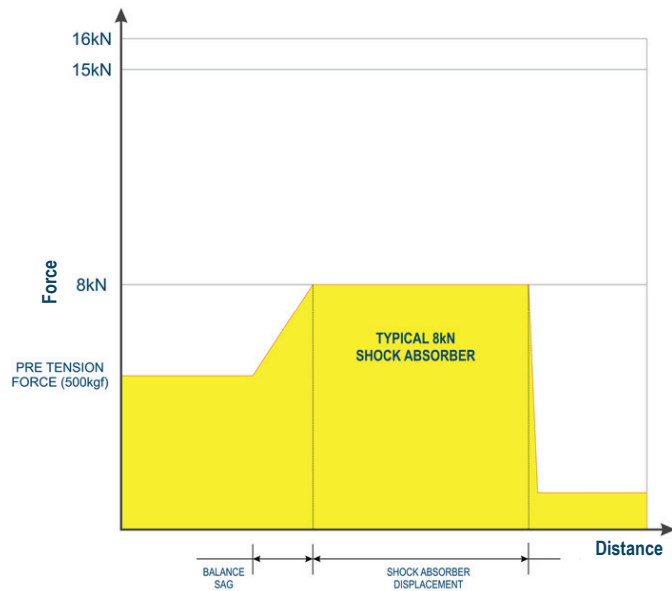
HT-8 Force Attenuation

Safeline's goal is to provide maximised safety for the User by matching the Installation structural mounting requirements with the appropriate patented Force Attenuator.

The HT-8 is able to maximise the loading requirements of the intended installation structures' maximum permissible dynamic force by matching the Attenuator's load characteristics to the structure. This optimises the displacement of the lifeline in a fall arrest event and therefore reduces risk of secondary injuries from swing falls or collision with objects beneath the lifeline. The HT-8 Force Attenuator is available with 10kN, 15kN or 20kN peak force characteristics.

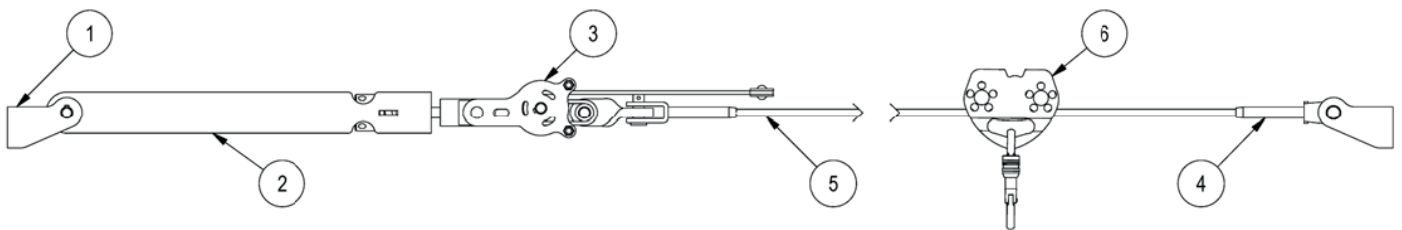
Other lifelines are typically fixed to a single force management value which disregards the capacity of the structure. Using a typical 8kN shock absorber on a structure capable of loads in excess of 16kN would provide a system for use which is only half as efficient as it could be. Using the HT-8 Force Attenuator with the 15kN peak load would result in a system which is 93% efficient and, in comparison with the 10kN absorber, would deploy around half the amount resulting in lower clearance height requirements.

All HT-8 Force Attenuators are capable of providing a consistent force to the structural anchor for up to 4 users in a multi-fall dynamic event.



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Typical Lifeline



| No | Description | Product Code |
|----|--|--------------|
| 1 | Horizontal lifeline end anchor bracket | 198-EAHL |
| 2 | Long Span Tensioner | 89-LST |
| 3 | Force attenuator for horizontal lifeline systems | 198-ATN8R |
| 4 | Fork end type swage cable termination | 198-SL03 |
| 5 | 8mm stainless steel cable. 7x7 construction | 198-SS778 |
| 6 | Single span mobile anchorage traveller | 89-HT8-ST |

The combination of smooth transition throughout the lifeline with the security of knowing the HT-8 lifeline has been installed to maximise safety for Users via the patented Force Attenuator makes the HT-8 a perfect fit for all modern building, refurbishments or lifeline replacement projects.





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HT-8 Applications

HT-8 Applications

The Safeline HT-8 lifeline was designed primarily to meet the needs of Industrial and Transportation customers including workshops, vehicle loading bays, aircraft hangers and other large, unsupported span installations. The HT-8 utilises a high pre-tensile force of up to 400kfg to reduce cable deflection and maximise the efficiency of the system providing maximised Certified Safety.

The system has been carefully designed to provide snag free travel along the installed lifeline and due to the rigid nature of the HT-8 high pretension cable, can support heavier retractable type fall arrest devices without causing excessive the lifeline sag under the device weight. The ease of travel along the HT-8 rigid cable ensures that the retractable fall arrest device will always follow the worker during work at height operations, and ensures that any dynamic fall arrest event would be within the operating cone of the retractable device, reducing the chance of injury caused by swing falls, or failure of the device to arrest the fall correctly.



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Accessory PPE

Only SpanSet approved Personal Protective Equipment should be used with the Safeline Lifeline systems. Compatibility of the Safeline Lifeline product range with other manufactured PPE cannot be guaranteed and in some instances may result in serious failures of the equipment.

For help and advice on the selection of the appropriate PPE for use with Safeline Lifeline systems please contact your local SpanSet service provider.



SpanSet
MEWP PRO



Saverline 10m
Fall Arrest Block



Saverline 3m
Fall Arrest Block



SpanSet Industrial
Safety Helmet

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