



# Xenon

## Horizontal Lifeline System

### **Trust an international leader in fall protection**

**When safety and productivity are on the line, there is no room for compromise.**

**Which is why architects and engineers have trusted Söll fall protection systems for more than three decades. Söll is Europe's largest manufacturer of fall protection systems.**

**With its international reputation for fixed fall protection systems (such as rail systems, fixed safety ladders etc.) for telecommunications and general industry, Söll is well known for the quality of its products and the constant development of intelligent solutions for the safety of workers.**

**To complement an already varied product line, Söll now introduces an innovative new product to the safety market: the Xenon Horizontal Lifeline.**

**Intelligently designed, suitable for all type of applications (curved and straight installation), Söll has succeeded in bringing to the market a product that is at once highly durable, simple to install, easy to maintain and totally user-friendly.**

**Collaborate with Söll during the design phase to develop a fall protection system that meets the requirements of your specific application. Whether it is along a rooftop, inside an arena or high atop a suspension bridge, our goal is to provide a complete engineered solution, not just a product.**

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## Xenon

Horizontal Lifeline System  
Compromise Nothing



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# Exclusive Söll Features



## Shuttle

The Xenon Horizontal Lifeline shuttle presents a revolutionary design and many innovative benefits, which result from extensive engineering research.

- **Improved safety with the double-locking mechanism**

Allows the user to connect and disconnect very easily with one hand, reducing the chances of a fall while unattached. In the case of a fall, it also provides a backup to the regular lock.

- **Increased ease of use**

Ergonomically designed, the oversized handle makes carrying easier and allows for the use of any type of connecting devices.

- **Resistance to harsh conditions**

Made of stainless steel, with few movable parts, the Xenon Horizontal Lifeline shuttle is ideal for dusty, gritty or salty environments.



## Intermediate brackets

The Xenon Horizontal Lifeline intermediate brackets were engineered for the shuttle to glide easily and smoothly over the line.

- **Increased user protection and maneuverability**

The shuttle glides over the intermediate points, on both sides of the line, which allows the user greater mobility and workspace without having to connect or disconnect. Because the intermediate bracket absorbs energy by distorting, the risk of injuries from impact forces on the body during a fall is greatly diminished.

- **Total safety with simpler maintenance**

Designed to withstand the forces generated by the fall of one or several users, the intermediate bracket will conserve all of its properties even when subject to a considerable load impact. This feature enables the subsequent full inspection and repair of the horizontal lifeline in complete safety whilst attached to the lifeline.

In addition to its unique, patented design, the intermediate bracket can be replaced without having to cut the cable.

This guarantees minimum maintenance with considerable time and costs savings.



## Multi-function shock absorber unit

The Xenon Horizontal Lifeline features a revolutionary 'four-in-one' shock absorber, which serves as a shock absorber, turnbuckle, tension indicator and fall indicator.

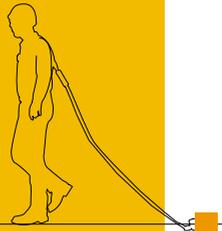
- **Increased safety**

The main purposes of the shock absorber are to reduce the load impact generated by a fall and so protect the user and the supporting structure. The shock absorber has an integrated load indicator that enhances the safety of the user. By providing a visual indication of the state of the lifeline the user is alerted to any load impact on the system.

The compact design of the multi-function shock absorber allows for a reduced distance between the end of the cable and the end brackets, thus enabling safer system entry and exit.

- **A unique component for easier installation and maintenance**

A single element allows you to both verify and adjust the tension easily. In the event of a fall, only the shock absorber unit need be replaced, thus guaranteeing easier maintenance and reduced costs.



# A better system by design

By developing revolutionary designs and making premium quality features standard to every system, Söll has created the next generation of fall protection technology adapted to difficult environments.

Manufactured under ISO quality control, the Xenon Horizontal Life line is the first system designed to conform to all standards worldwide (CE, OSHA, AS/NZS, CSA) for better safety.

A team of engineers using the best modern techniques have created **an ergonomic system with multiple applications**. Composed of fewer elements than other systems, the Xenon Horizontal Lifeline is **fast to install**. Because it adapts to both 8mm and 10mm cables, the Xenon Horizontal Lifeline is **competitively priced** and **highly versatile**. While other systems require limited entry points and do not permit more than 3 users at a time, the Xenon Horizontal Life line **allows for connection anywhere on the line and for up to 4 people**.

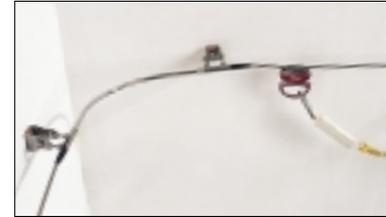
Each and every component of the Söll Xenon Horizontal Lifeline is designed with versatility, reliability and comfort in mind.

## System Components



### Cables

- **Greater versatility and flexibility for reduced cost**  
Both 8mm and 10mm stainless steel are available. This represents better economy when compared with systems limited to one type of cable.



### Corner part

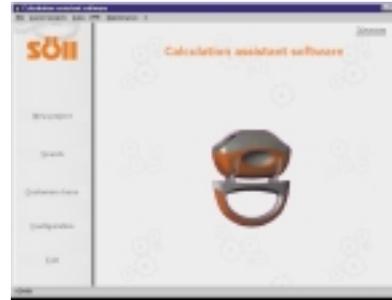
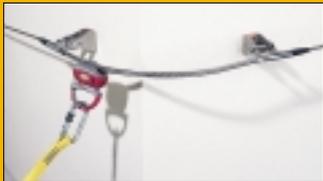
- **Highly adaptable and easy to install**  
The corner part of the Xenon Horizontal Lifeline is adjustable for multiple angles, and allows it to be fitted to many types of buildings and adapted to different situations. Two attachment bolts make them easy to install and adjust.



### Swaging components and end brackets

Stainless steel parts anchor the system without compromising cable strength or integrity.

# Design and installation tools



## ■ Calculation program

The calculation software guarantees better installation of the system for increased quality. It is specifically designed to allow installers to calculate compatibility between a system and a fixed structure. For greater peace of mind, a program validates all resistance and forces calculations and so eliminates the risks of human error.

## Applications

The Xenon Horizontal Lifeline is primarily designed to protect workers during operations at heights. Developed to allow an increased freedom of movement at any angle, it is adapted to any type of work at heights where a fixed safety system is required. Because of its versatility, simplicity and minimal maintenance, the Xenon Horizontal Lifeline is the perfect tool for engineers, contractors and architects to provide secure access on new buildings or industrial sites.

## Key benefits

- Increased peace of mind because of the calculation tools
- Less quoting and installation time for reduced costs
- Highly adaptable
- Versatile
- Easy to install
- Minimal maintenance required