



SAFEWAZE



HORIZONTAL LIFELINE SOLUTIONS Stay Protected At Every Step:

A **Horizontal Lifeline (HLL)** is one part of a complete fall protection system consisting of:

- ❧ **Anchor** – A secure attachment point rated for fall protection such as a strap anchor or beam anchor.
- ❧ **Horizontal Lifeline System** – A properly tensioned cable or rope lifeline allowing a full range of movement plus a secure tie-off.
- ❧ **Harness** – A full-body or construction harness designed for fall arrest.
- ❧ **Connecting Device** – Lanyard or SRL that connects the worker's harness to the HLL while allowing mobility.
- ❧ **Proper Training & Inspection** – Workers must be trained in safe use and inspection to ensure all components function correctly.

Why Do You Need a Horizontal Lifeline?

Working at height presents serious fall risks and not every worksite has pre-existing anchor points. An HLL system provides continuous, secure fall protection, allowing workers to move safely across a work area without disconnecting.



CONCRETE



BRIDGE WORK



ROOFING

FIND THE RIGHT HLL FOR YOUR JOB

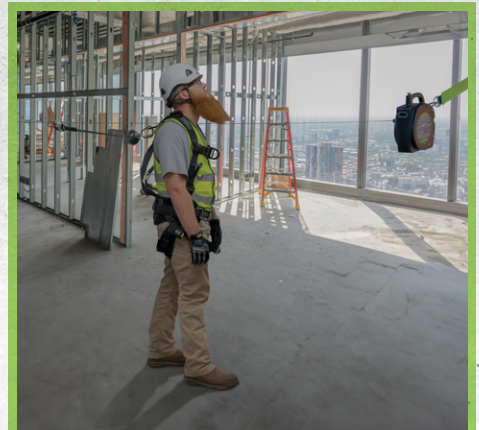
Safewaze offers a variety of HLL solutions tailored to different job sites. Whether you need a quick setup for short-term use or a robust system for ongoing projects, we have a solution that fits.



Cable HLL Systems –
Durable design for heavy-duty, long-term applications



Rope HLL Systems –
Flexible, lightweight and easy to setup



Retractable HLL Systems –
Lifeline stores in housing and can be set up at any length

CONSIDERATIONS WHEN CHOOSING AN HLL SYSTEM

When selecting the right system for your fall protection needs, several key factors need to be considered to ensure safety, compliance and efficiency on the job site.

- 1 Foot Level or Overhead
- 2 Outdoor or Indoor
- 3 Number of Users
- 4 Temporary or Permanent
- 5 Length of Span
- 6 Fall Clearance

THE RIGHT HLL FOR EVERY JOB SITE – IDENTIFY THE PROBLEM, FIND THE SOLUTION

019-8016



CABLE HLLs

Problem: You need a reliable HLL system for long-term use on permanent structures like rooftops or structural steel.

Solution: Choose a **Cable HLL** – Built with high-strength galvanized steel, it's durable and designed to withstand frequent use in harsh environments.

019-8012



ROPE HLLs

Problem: Your job requires a temporary, portable system that can be quickly set up and moved as work areas change.

Solution: Opt for a **Rope HLL** – Lightweight, easy to deploy and perfect for indoor or sheltered outdoor tasks where flexibility is key.

023-8091



RETRACTABLE HLLs

Problem: You need maximum range and fall clearance while maintaining quick setup and takedown.

Solution: Go with a **Retractable HLL** – Combines the mobility of an SRL with advanced fall clearance performance, reducing the distance and impact of a fall.

SELECTING THE RIGHT HLL ANCHOR

Choosing the right anchor for the job will make the most of your HLL, increasing efficiency while protecting your workers. Safewaze has a range of anchors tailored to different structures and job site requirements. Each anchor point must support at least 5,000 lbs (22.2 kN) per attached worker in the event of a fall. Anchor points must be attached to structurally sound surfaces that are capable of bearing the load such as I-beams, concrete columns or walls.



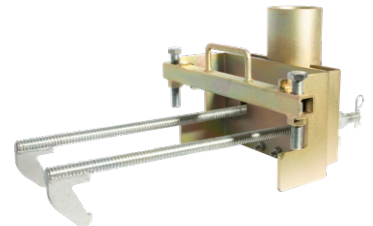
Reinforced Concrete Anchor Strap – offered in various lengths, highly adaptable



Chain Anchor – ideal for flat or sloped wood roof including the roof peak



Removable Concrete Anchor – installs in seconds and can be used vertically or horizontally



SafeLink Bases – four anchor options for use with SafeLink Post allowing overhead tie-off



WHY CHOOSE SAFELINK BASES

A SafeLink Base, when paired with the SafeLink Anchor Post, elevates your HLL system overhead, allowing a range of critical safety and performance advantages.

» Reduced Fall Clearance

Overhead systems reduce the required fall clearance distance, making them ideal for work in low clearance environments or when obstructions are present below. The SafeLink Anchor Post elevates your tie-off point to 7' above the working surface.

» Compatible with Class 1 and Class 2 SRLs

An overhead HLL enables the use of both classes of SRLs based on your jobsite's specific fall clearance requirements.

» Improved Mobility and Efficiency

With an elevated lifeline, the SRL travels effortlessly along the line allowing greater freedom of movement with fewer stops and starts.

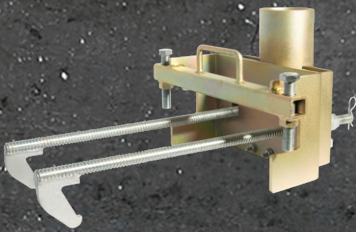
» Reduced Swing Fall Risk

Centralized overhead anchoring minimizes the chance of lateral movement during a fall, helping reduce swing fall risk.

» Protected Equipment and Surfaces

An overhead system keeps SRLs from dragging on the working surface, reducing trip hazards and protecting the area while extending equipment life.

022-8077



SafeLink I-Beam Post Base

Versatile and durable system that can be configured as needed in single or multi-spans up to 195'. Ideal for I-beams that are 6"-36" wide and maximum flange thickness of up to 2-1/4".

- » Easy bolt and wingnut installation
- » Convenient built-in carrying handle
- » Ideal for leading edge and low clearance bridge work
- » No drilling or damage to I-beam

023-8087



SafeLink Nelson/Rebar Assembly

Engineered for versatility in bridge construction, supports various mounting options including Nelson Stud, L-shaped and straight rebar.

- » Smaller footprint design reduces trip hazard
- » Adjustable clamps for a wide range of rebar diameter and spacing
- » Versatile use as single or multi-span

019-8051



SafeLink Loop Rebar Base

Requires no special tools to install and can be mounted to most sizes of pre-stressed concrete beams with rebar loops.

- » Adjustable base to fit angled surfaces
- » Rebar safety caps for added protection
- » Qualified person required for installation

019-8034



Bolt-on SafeLink Post Baseplate

Mounts securely to steel or concrete structures

- » For concrete installations (3000 PSI concrete or higher): (4) 1/2" diameter anchor rods with epoxy or (4) 1/2" diameter concrete mechanical anchors
- » For steel installation: (4) 1/2" grade 8 bolts with locking hardware
- » Option to weld-on with AWS certified welder (019-8035)



SAFELINK

MAXIMUM PERFORMANCE. MINIMAL FALL CLEARANCE.

SafeLink sets the standard for Horizontal Lifeline systems with unmatched performance and ultra-low fall clearance. Designed for demanding worksites, it combines advanced energy absorption with overhead installation to minimize risk and maximize mobility. When safety and efficiency matter most, SafeLink is the trusted solution.

Horizontal Lifeline Energy Absorbers

Energy absorbers are a vital component of any HLL system. In the event of a fall, they reduce the impact force transferred to the user, anchor points and structure. This helps prevent system failure and ensures compliance with OSHA and ANSI safety standards. By controlling deceleration, energy absorbers protect both workers and equipment while enhancing the overall safety and durability of the system.

Safewaze offers several horizontal lifeline energy absorber styles to fit different job site needs, all designed to limit fall forces and protect both the worker and the system:

- **Shock Pack (Web Style):** This compact external pack tears in a controlled manner during a fall, as on many lanyards, reducing the force on the lifeline. Used with our kernmantle rope HLLs.
- **Coil Energy Absorber:** A built-in steel coil that expands during a fall to absorb energy. This durable, low-profile option works well in rugged environments and for permanent systems. Used with our cable HLLs.
- **Built-In Rope Energy Absorber:** Integrated directly into our double braid rope HLLs, this simple, lightweight solution is ideal for short spans, quick setups and temporary use – no extra hardware required.



SIMPLIFIED SETUP WITH STOPLINK BRAKE

The Safewaze StopLink Brake simplifies horizontal lifeline setups by combining energy absorption and tensioning into one compact, easy-to-install component. Designed to reduce fall forces while streamlining system installation, it eliminates the need for separate hardware and minimizes setup time. A built-in, color-coded tension activation window provides quick visual confirmation that proper cable tension has been applied, saving time compared to traditional sag methods and ensuring the system is ready for use. Ideal for both temporary and permanent installations, the StopLink Brake delivers reliable protection with less complexity.

