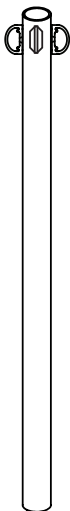


HORIZONTAL LIFELINE STANCHION POST

Part # : 5200064, 5200109, 5200110

Instruction Manual



Contents

Product Specific Applications	2
Worker Classifications	2
Applicable Safety Standards	2
Permitted User Weight	2
Limitations	3
Maintenance, Cleaning, Storage	3
Compatibility	3
Limitations	4
Components and Specifications	5
Materials	5
Compatible HLL Systems	5
Embed Requirements	5
Installation Configurations	6
Span Orientation / Number of Workers	7
Safety Information	8
Inspection	9
Diagram	9
Label	10
Inspection Log	11

✗ Do not throw instructions away.

⚠ Read and understand instructions before using this equipment.

Product Specific Applications



Fall Arrest: May be used to support workers in Fall Arrest. Refer to specific HLL instructions and page 7 for system capacity.

D-ring: Dorsal



Travel Restraint: May be used to support workers in Travel Restraint. Refer to specific HLL instructions for system capacity.

D-rings: Dorsal, Sternal

Applicable Safety Standards

Meets or exceeds:

- OSHA 1910.140
 - OSHA 1926.502
-

Worker Classifications

- **Qualified Person:** A person with an accredited degree or certification, and with extensive experience or sufficient professional standing, who is considered proficient in planning/reviewing the conformity of fall protection and rescue systems.
- **Competent Person:** A highly trained and experienced person who is ASSIGNED BY THE EMPLOYER to be responsible for all elements of a fall safety program, including, but not limited to, its regulation, management, and application. A person who is proficient in identifying existing and predictable fall hazards, and who has the authority to stop work in order to eliminate hazards.
- **Authorized Person:** A person who is assigned by their employer to work around or be subject to potential existing fall hazards.

It is the responsibility of a Qualified or Competent person to supervise the job site and ensure all applicable safety regulations are complied with.

Permitted User Weight

- When using the Guardian HLLs on page 5 in combination with Stanchion Posts, worker weight capacity shall be reduced to 310 lb maximum per user.

Compatibility

When making connections to the Stanchion Post, eliminate all possibility of roll-out. Roll-out occurs when interference between a connector and the attachment point causes the connector gate to unintentionally open and release.

See Diagram A on page 9.

All connections must be selected and deemed compatible with the Stanchion Post by a Competent Person.

All connector gates must be self-closing, self-locking, and withstand a minimum load of 3,600 lb (16 kN).

Limitations

Fall Clearance: There must be sufficient clearance below the work surface to arrest a fall before the user strikes the ground or an obstruction. Refer to respective HLL instructions to calculate Fall Clearance.

Swing Falls: Prior to installation or use, make considerations for eliminating or minimizing all swing fall hazards. Swing falls occur when the anchor is not directly above the location where a fall occurs. Always work as close to in-line with the anchor point as possible. Swing falls significantly increase the likelihood of serious injury or death in the event of a fall.

NOTE: Please refer to respective HLL instructions for complete installation procedures, capacities, and Fall Clearance requirements.

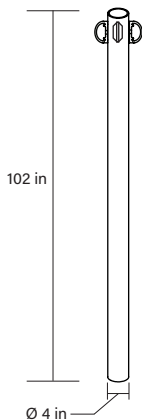
Maintenance, Cleaning, and Storage

Cleaning after use is important for maintaining the safety and longevity of the Stanchion Posts. Remove all dirt, corrosives, and contaminants from the post before and after each use. If post cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean post with corrosive substances.

When not in use or during transport, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

Components and Specifications

Post w/ 4 D-rings



Post w/ 2 D-rings



Post w/ no D-rings



Materials

Aluminum, Steel

Weight: 37 lb

Product Specifications

Part #	Description
5200064	Stanchion Post - 102 in - 4 D-Rings
5200109	Stanchion Post - 102 in - 2 D-Rings
5200110	Stanchion Post - 102 in - No D-Rings
5200078	HLL Kit: #15044 Absorbator HLL System 60 ft
5200106	HLL Stanchion Kit: (2) #5200064 Posts and #15044 Absorbator HLL System 60 ft
5200105	Retractable HLL Stanchion Kit: (2) #5200064 Posts and #04660 Retractable HLL 60 ft

Compatible HLL Systems

Stanchion Posts are compatible with HLL systems that limit dynamic end point loads to 2500 lb or less.

Stanchion Posts are compatible with the following Guardian HLLs. Please refer to respective HLL instructions for complete installation procedures, capacities, and fall clearance requirements.

CAUTION: When using the Guardian HLLs below in combination with Stanchion Posts, worker weight capacity shall be reduced to 310 lb maximum per user.

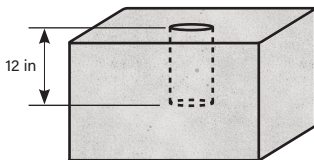
Part #	Description
04660	60 ft Retractable Horizontal Lifeline
15044	Absorbinator System—up to 60 ft (#01400 $\frac{3}{8}$ in wire rope not included) 1 Absorbinator, 2 Shackles, 2 Thimbles, 1 Turnbuckle, 6 Cable Clamps, 2 O-Rings
15045	Absorbinator System—60 ft to 100 ft (#01400 $\frac{3}{8}$ in wire rope not included) 2 Absorbinators, 3 Shackles, 2 Thimbles, 1 Turnbuckle, 6 Cable Clamps, 2 O-Rings
15207	Metal Energy Absorber System—up to 60 ft (#01400 $\frac{3}{8}$ in wire rope included) 1 Metal Energy Absorber, 2 Shackles, 2 Thimbles, 1 Turnbuckle, 6 Cable Clamps, 2 O-Rings
15208	Metal Energy Absorber System—60 ft to 100 ft (#01400 $\frac{3}{8}$ in wire rope not included) 2 Metal Energy Absorbers, 3 Shackles, 2 Thimbles, 1 Turnbuckle, 6 Cable Clamps, 2 O-Rings
01400	$\frac{3}{8}$ in Galvanized Wire Rope for Absorbinator and Metal Energy Absorber Systems

Substrate Preparation & Embed Requirements

⚠ WARNING! Stanchion Posts are suitable for installation in concrete substrates only.

⚠ WARNING! Concrete shall be inspected by a Qualified Person and confirmed to be in good condition and free from cracks, voids, or other deterioration. Installation of Stanchion Posts must be supervised by a Qualified Person.

Embed Depth Requirements:



Embed Requirements: Stanchion Posts shall be embedded 12 in into suitable concrete using compatible PVC sleeve. 12 in measurement shall be from the deepest part of embed to top of concrete surface, not height of any protruding PVC sleeve.

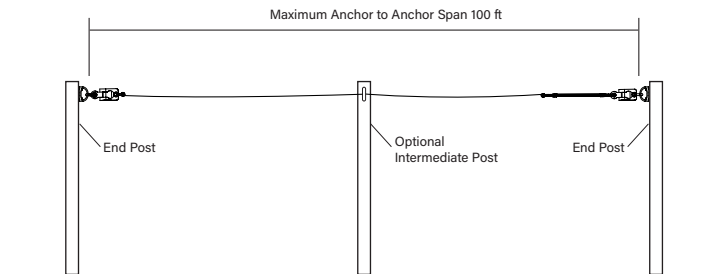
Sleeve Specification:

Sched. 40 PVC NPS 4 in (4.5 in OD, 4.026 in ID)

Installation Configurations

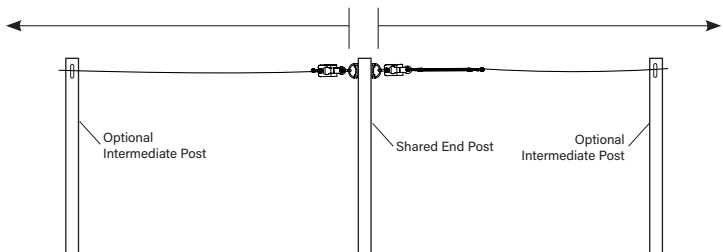
Stanchion Posts may be installed in the following methods:

Single-Span Installation:



Linked-Span Installation:

Create Stanchion Posts systems longer than 100 ft by linking independent systems on a common endpost as shown.

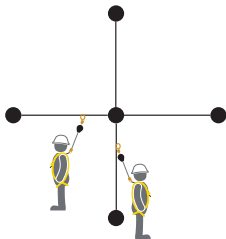


Span Orientations & Number of Workers per System

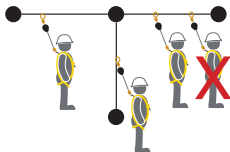
Stanchion Posts may be configured to allow multiple spans to terminate on a single end post, resulting in an X, T, or Multi-Link shaped system as shown in the diagrams below:

CAUTION: For systems that include perpendicular spans, the number of workers per span sharing an end post shall be limited to one (1) when perpendicular spans are used simultaneously. Otherwise, the maximum number of workers per system shall be two (2).

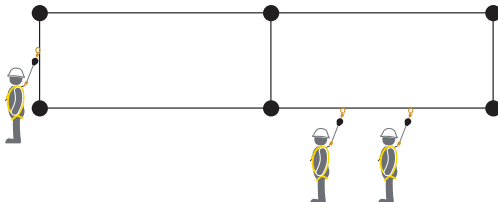
X-Style Configuration:



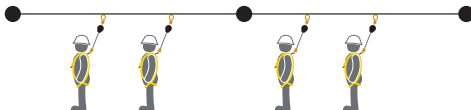
T-Style Configuration:



Multi-Link Configuration:



Single or Linked-Span Configuration:



Safety Information

⚠ WARNING! Failure to understand and comply with safety regulations may result in serious injury or death. Regulations included herein are not all-inclusive, are for reference only, and are not intended to replace a Competent Person's judgment or knowledge of federal or state standards.

⚠ CAUTION! Understand the definitions of those who work near, or who may be exposed to, fall hazards.

⚠ WARNING! Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per O-ring connection point.

Do not alter or misuse equipment.

Workplace conditions, including, but not limited to, corrosive chemicals, electrical shock, sharp objects or edges, machinery, flame/high heat, abrasive or uneven surfaces, UV exposure, and severe or prolonged weather conditions, must be assessed by a Competent Person (CP) before fall protection equipment is selected. The presence of any/all of these conditions may have negative effects on product performance or service lifetime.

The analysis of the workplace must anticipate where workers will be performing their duties, the routes they will take to reach their work, and the potential and existing fall hazards they may be exposed to. Fall protection equipment must be chosen by a CP. Selections must account for all potential hazardous workplace conditions. All fall protection equipment should be purchased new and in an unused condition.

Fall protection systems must be designed and used in compliance with all safety regulations and must be selected and installed under the supervision of a CP. Forces applied to anchors must be calculated by a CP.

Harnesses and connectors selected must be compliant with manufacturer's instructions, and must be of compatible size and configuration. Snap hooks, carabiners, and other connectors must be selected and applied in a compatible fashion. All risk of disengagement must be eliminated. All snap hooks and carabiners must be self-locking and self-closing, and must never be connected to each other.

See Diagram A on page 9.

A pre-planned rescue procedure in the case of a fall is required. The rescue plan must be project-specific. The rescue plan must allow for employees to rescue themselves, or provide an alternative means for their prompt rescue to minimise post fall suspension time. Store rescue equipment in an easily accessible and clearly marked area.

Training of Authorized Persons (APs) to correctly erect, disassemble, inspect, maintain, store, and use equipment must be provided by a CP. Training must include the ability to recognise fall hazards, minimise the likelihood of fall hazards, and the correct use of personal fall arrest systems.

NEVER use fall protection equipment of any kind to hang, lift, support, or hoist tools or equipment, unless explicitly certified for such use.

Equipment subjected to forces of fall arrest must immediately be removed from use.

Age, fitness, and health conditions can seriously affect the worker should a fall occur. Consult a doctor if there is any reason to doubt a user's ability to safely withstand fall arrest forces or perform set-up of equipment. Pregnant women and minors MUST NOT use this equipment.

Physical harm may still occur even if fall safety equipment functions correctly. Sustained post-fall suspension may result in serious injury or death. Use trauma relief straps to reduce the effects of suspension trauma.

Inspection

See Inspection Log on page 11

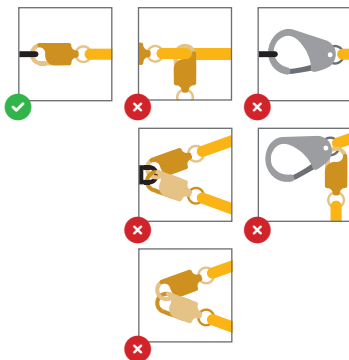
Prior to EACH use, inspect the Stanchion Post, and connection points for signs of deficiencies, including, but not limited to, corrosion, deformation, pits, burrs, rough surfaces, sharp edges, cracking, rust, paint buildup, excessive heating, alteration, broken stitching, fraying, and missing or illegible labels.

IMMEDIATELY remove Stanchion Post from service if defects or damage are found, or if exposed to forces of fall arrest.

Ensure that applicable work area is free of all damage, including, but not limited to, debris, rot, rust, decay, cracking, and hazardous materials. Ensure that selected work area will support the application-specific minimum loads set forth in this instruction manual. Work area **MUST** be stable.

During inspection, consider all applications and hazards the Stanchion Post has been subjected to. Ensure that device certification is current before use, this device must only be repaired by a Competent Person authorised by the manufacturer.

Diagram A - Connections



Labels



GUARDIAN

guardianfall.com

HORIZONTAL LIFELINE STANCHION POST

OSHA 1926.502 & 1910.140

Part #	Serial #	Lot #	DOM

Prior to use, read and understand all manufacturer's instructions provided with equipment at time of shipment. Only make compatible connections. Refer to instructions for proper installation and connection methods.

All PFAS equipment must be selected and deemed compatible with by a Competent Person. Design, installation, and use of suspension system must be in compliance with OSHA regulations.

User must inspect prior to EACH use. Competent Person must complete formal inspection every 12 months. Competent Person to inspect and initial.

IMMEDIATELY REMOVE FROM USE IN THE EVENT OF A FALL.

⚠ WARNING

FOR USE WITH HORIZONTAL LIFELINE SYSTEMS THAT LIMIT DYNAMIC END POINT LOADS TO 2500 lb OR LESS

Installation of Horizontal Lifeline Stanchion Post must be supervised by a Qualified Person. See Instructions for More Information.

Avoid contact with hazards, including, but not limited to, excessive heat, chemicals, electricity, and sharp or abrasive edges and surfaces.



Initials	Date

Date of First Use

HEIGHT SAFETY. SIMPLIFIED.

DO NOT REMOVE LABEL

1500973 Rev. A

Horizontal Lifeline Stanchion Post

Prior to use, read and understand all manufacturer's instructions provided with equipment at time of shipment. Only make compatible connections. Refer to instructions for proper installation and connection methods.

All PFAS equipment must be selected and deemed compatible with by a Competent Person. Design, installation, and use of suspension system must be in compliance with OSHA regulations.

User must inspect prior to EACH use. Competent Person must complete formal inspection every 12 months. Competent Person to inspect and initial.

IMMEDIATELY REMOVE FROM USE IN THE EVENT OF A FALL.

OSHA 1926.502 & 1910.140

Part #
Serial #
DOM
Lot #

⚠ WARNING

FOR USE WITH HORIZONTAL LIFELINE SYSTEMS THAT LIMIT DYNAMIC END POINT LOADS TO 2500 lb OR LESS

- Installation of Stanchion Posts must be supervised by a Qualified Person. See Instructions for Information. -

Avoid contact with hazards, including, but not limited to, excessive heat, chemicals, electricity, and sharp or abrasive edges and surfaces.

DO NOT REMOVE LABEL

1500973 Rev. A



Inspection Log

Serial #:	Date of First Use:
Model #:	User:

[illegible]



USA

607 East Sam Houston Parkway South
Suite 800
Pasadena, TX 77503
800 466 6385
customer.service@guardianfall.com

CANADA

580 Notre Dame Avenue, Unit 16
Sudbury, ON
P3C 5L2
800 466 6385
customer.service@guardianfall.com

WARRANTY: Guardian warrants to Buyer that all products are free from defects in material, workmanship, and design (if a Supplier-responsible design), however this warranty does not cover conditions resulting from normal wear and tear, neglect, abuse, accident or otherwise. Guardian's obligations under this warranty apply for the lifetime of the products and are limited to the replacement of product only. This warranty is not transferable to any other Guardian service and does not apply to product that is resold after having been put into service. No other person, firm, entity, or the like is authorized to assume or assign for Guardian any other liability in connection with the sale or use of Guardian's products. Furthermore, this warranty is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. There are no implied warranties of merchantability or fitness for a particular purpose, which are specifically disclaimed.