

A large, bold, yellow letter 'G' is centered on the right side of the image. The background is black with a repeating pattern of grey, diamond-shaped elements. A vertical white line runs down the right edge of the image, partially overlapping the 'G'.

G

introduction

Word from the President ↘

Welcome to the newest catalog by Guardian Fall Protection! Since the beginning of my tenure at Guardian over eight years ago, every year we have expanded our product line, services and capabilities to better provide cost effective and safe fall protection solutions for all those in construction and industrial markets.

I am very excited to introduce, what I consider to be, the best fall protection catalog in the industry. As always, whether you are an end user or a distributor, you will find very useful information inside the catalog focused on improving your knowledge in relation to fall protection.

In addition to our new products, you will also learn about our efforts to transition Guardian into the greenest fall protection manufacturer in the world as well as our Halo Charity Program, whose sole purpose is to give back to those in need across the globe and here at home.

On behalf of all those that work for Guardian Fall Protection I want to thank you for taking your time to explore our newest catalog. We would also like to thank you for your business and providing us all a means to provide for our family as well as give back to the community – without you our company would not be where it is today.

Ed Marquardt
President, Guardian Fall Protection
E-mail: ed@guardianfall.com
Cell: 206.229.9877

Focus on the Environment ↘

Here at Guardian Fall Protection we take great pride in our focus on conservation and taking care of the environment. Every year Guardian recycles over 100,000 pounds of recyclable material. Working with local representatives, Guardian has implemented the use of energy efficient lighting, heating and other ways to help contribute towards a responsible environmental philosophy.



New Products ↘

Inside you will be introduced to the following new products:

Velocity Series Harnesses	Higher quality economy harnesses for an incredible value
Cyclone Series Harnesses	An ideal combination of durability, comfort and versatility for an exceptional value
Mini-Hammer Fall Arrest System	Single Man Mobile Fall Protection System
Blow Blocker	Extremely lightweight 7 ft. Web Self-Retracting Lifeline
Double Blow Blocker	Compact Double Web Self-Retracting Lifeline
New Yellow Jacket	New design and lighter weight 10 ft. Cable Self-Retracting Lifeline
SkyNet	Skylight Fall Protection Netting System
Beamer™ 3000	New Dual Adjusting Lightweight Beamer
MEGA Swivel Anchor	Superior Bolt Anchoring Device
Ultra CB Anchor	New and Improved CB Anchor
Basemate	Temporary Non-Penetrating Ladder Leveling System
Rung Step	Anti-Fatigue Ladder Run Extender
Aluminum High Strength Rebar Hooks	The best 3,600 lb. Aluminum High Strength Rebar Hooks on the market

Guardian Fall Protection is a U.S. owned business. We employ over 100 U.S. citizens as well as provide employment for hundreds of additional U.S. citizens through our made in the U.S.A. suppliers. Guardian is proud to be a small business and strongly believes in supporting small businesses here in the U.S.

Look for These Symbols ↘

RENTAL

Guardian Fall Protection now offers flexibility with the largest rental fleet offered by any manufacturer. The products in our rental fleet are located throughout our network of regional warehouses.

Please call **(800) 466.6385** or go online @ www.guardianfall.com for rental rates. Rental rates do not include freight to and from warehouses.



This symbol identifies products that **DO NOT QUALIFY** for prepaid freight on any orders. Customers are responsible for 100% of the freight on products with the freight symbol. Please contact Guardian for estimated shipping charges and weights.



This symbol identifies a new product now available at Guardian Fall Protection.

These symbols help to quickly identify the intended use for each Occupational Protective Equipment (OPE) item and its function:



Fall Arrest



Work Positioning



Suspension



Retrieval



Ladder Climbing

guardrail systems	006
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Personal Fall Arrest Systems or PFAS are comprised of many options for the end user to consider. Remember the options that make up a PFAS are as simple as learning your ABC's of fall protection.

A NCHORAGE / ANCHORAGE CONNECTOR

Anchorage is a secure point to make an attachment. Often referred to as an anchor point or tie-off point, it must be able to support a 5,000 lb. load in any direction that a fall might occur. Examples of an anchor connector would be a Beamer™ 2000, a Temper Anchor or a Premium Anchor Strap.

Remember that anchorage connectors can vary from permanent to temporary, commercial construction to residential construction. Consult a manufacturer if you are unsure of your application or environment.

B ODY WEAR / HARNESS

Most workers are familiar with harnesses, yet much is neglected when considering the right type to use. Full body harnesses vary greatly and utilizing the proper harness to safely perform your work is very important. In addition, injuries sustained in a fall can be greater if a harness is not properly sized, adjusted and fitted to the worker.

CONNECTING DEVICE / LANYARD / RETRACTABLE

A connecting device connects the harness of the worker to the anchorage point. Utilizing the proper connecting device is important as they differ in arresting distances. If your fall distance to the lower level is significant (exceed 18½ ft.) and a rescue plan is in place, then a shock absorbing lanyard might be a good option. If your fall distance to a lower level is less than 18½ ft., then a retractable might be a better choice. Discuss your situation with your company's competent person as required by OSHA and ANSI.

Remember that connecting devices include shock absorbing lanyards, restraint lanyards and retractable lifelines.

DESCENT & RESCUE SYSTEMS

Often overlooked due to complexity in solutions and training requirements, yet required by OSHA and ANSI guidelines, descent devices and rescue systems are a vital part that make up the safe use of PFAS. The systems vary greatly from Tripods or Davit Systems, to complex rope systems, and simple solutions such as a Rapid Deployment Rescue Ladder. Since not one solution is an answer, consult your company's competent person or your preferred manufacturer for help.

GUARDRAIL SYSTEMS

If the use of a guardrail is a suitable option, then it is highly encouraged to utilize this product to mitigate your fall hazard exposure. This will minimize training related issues and rescue scenarios. If not, utilizing a system that is simple will make compliance more easy to achieve for your workers.

Hierarchy of Fall Protection Controls

The following hierarchy shall be used to choose methods to eliminate or control fall hazards.

The Fall Protection Hierarchy shall be considered when designing fall protection solutions for both existing and new facilities.

The Fall Protection Hierarchy is:

1. **Elimination of the Fall Hazard** – Removing the hazard or hazardous work practices.
2. **Guardrails** – Isolating or separating the hazard or hazardous work practice from employees or others.
3. **Fall Restraint** – Securing the worker to an anchorage using a lanyard or lifeline short enough so that it will prevent the person's center of gravity from reaching the fall hazard.
4. **Fall Arrest** – A system designed to stop a worker after a fall has begun.

Log onto www.guardianfall.com to learn more about Guardian's selection of Guardrail Systems.

Tommy Lee
Training Manager



RENTAL 



[1] Angel Anchor System 
The Guardian Fall Protection Angel Anchor System will provide an ideal solution when you need a versatile tie-off point on a roof top where penetrating the roof structure is not an option. The stem is made up of three sections and the weights are individually placed on the spine. The weights have handles for easier transport and there is also an available pick point for use with a crane.

Note: If you are working near a leading edge, be sure to utilize a Heavy Duty Retractable.

[5] Skylight Safety Net System 
Skylight Safety Net System is designed as a cost effective solution to keep workers from falling through a skylight. The mobile system can be used as a temporary system. Assembly is fast and there is a collapsible option available as well. Constructed with powder coated steel framing and UV resistant proprietary SkyNet system meets or exceeds all OSHA requirements.



[3] Ladder Assist 
A simple hand support device to aid the worker when transitioning from a ladder to the rooftop.



[2] Skylight Screens 
Our skylight screens have a non-penetrating compression installation that eliminates the use of fasteners and tapes to hold it in place on most installations.



[4] Mini-Hammer 
The Mini-Hammer is a single worker mobile fall arrest or restraint system. Coming the spring of 2012, this new addition to our product line combines mobility along with the use of a horizontal lifeline to join two systems together for use with three workers, two in arrest and one in restraint. In addition, our new transporter can also be used to move the Mini Hammer as well as our new weighted multi-directional guardrail bases.

RENTAL 



[6] Guardrail System ↘
 The ultimate free standing portable fall prevention system that requires no rooftop surface attachment. The Guardrail System provides fall protection in the form of a guardrail for use in lieu of or in conjunction with safety netting and/or personal fall arrest systems.

RENTAL

[10] Permanent HLL Systems ↘
 Guardian engineers a number of permanent horizontal lifeline systems that can be easily installed by trained personnel. These systems range in variety greatly. Please log on to our new engineering website to learn more at www.guardianesg.com.

RENTAL



[7] Dolly / Mini-Hammer Transporter ↘
 Our new dolly can be used to transport our new multi-directional guardrail base or be used to maneuver the new Mini-Hammer.

RENTAL

RENTAL



[8] Goose Warning Line System ↘
 Designed to be used as a fall protection system to protect workers from leading edge work, unprotected side hazards, holes and any other applicable fall hazard.



[9] Multi-Directional Guardrail Base Plate ↘
 Includes attachment for toe-boards and pick point for movement with new transporter. Be sure to order one extra base plate for each continuous run to cover the end guardrail. Also available in galvanized option.

RENTAL

GUARDRAIL SYSTEM

Part#	Size	Description	Weight
14002		Dolly / Mini-Hammer Transporter	32.00
15177	22" x 22"	New Multi-Directional Guardrail Base Plate*	94.00
15180	36" x 10"	Guardrail Base Plate*	74.00
15181	42" x 10'	Guardrail	54.00
15182	42" x 8'	Guardrail	50.00
15183	42" x 6'	Guardrail	38.00
15184	10" (L)	Short Toe-Board Attachment	1.50
15185	21" (L)	Long Toe-Board Attachment	2.90



Dolly / Mini-Hammer Transporter (14002) ↘

Our new dolly can be used to transport our new multi-directional guardrail base or be used to maneuver the new Mini-Hammer.

Guardrail System ↘

The ultimate free standing portable fall prevention system that requires no rooftop surface attachment. The Guardrail System provides fall protection in the form of a guardrail for use in lieu of or in conjunction with safety netting and/or personal fall arrest systems.

Components are powder coated safety yellow (guardrails) or hot dipped galvanized (base plates) for durability.

- Rail sections include weather protected instruction holster which provides a place for instructions or an Allen wrench to quickly adjust the legs
- The only guardrail system with hot dipped galvanized base plates to prevent rust from bleeding onto the rooftop
- A near ground level protective barrier that will prevent the fall of materials and equipment to lower levels and provide protection from falls for personnel (on non-portable systems mounted on sloped roofs) (OSHA 1926.500)
- Skid resistant bases
- Meets all applicable OSHA & ANSI standards

**Be sure to order one extra base plate for each continuous run to cover the end guardrail.*

THIS IS NOT A FALL ARREST OR FALL RESTRAINT SYSTEM AND IS NOT DESIGNED FOR USE AS AN ATTACHMENT POINT FOR A PERSONAL FALL ARREST SYSTEM



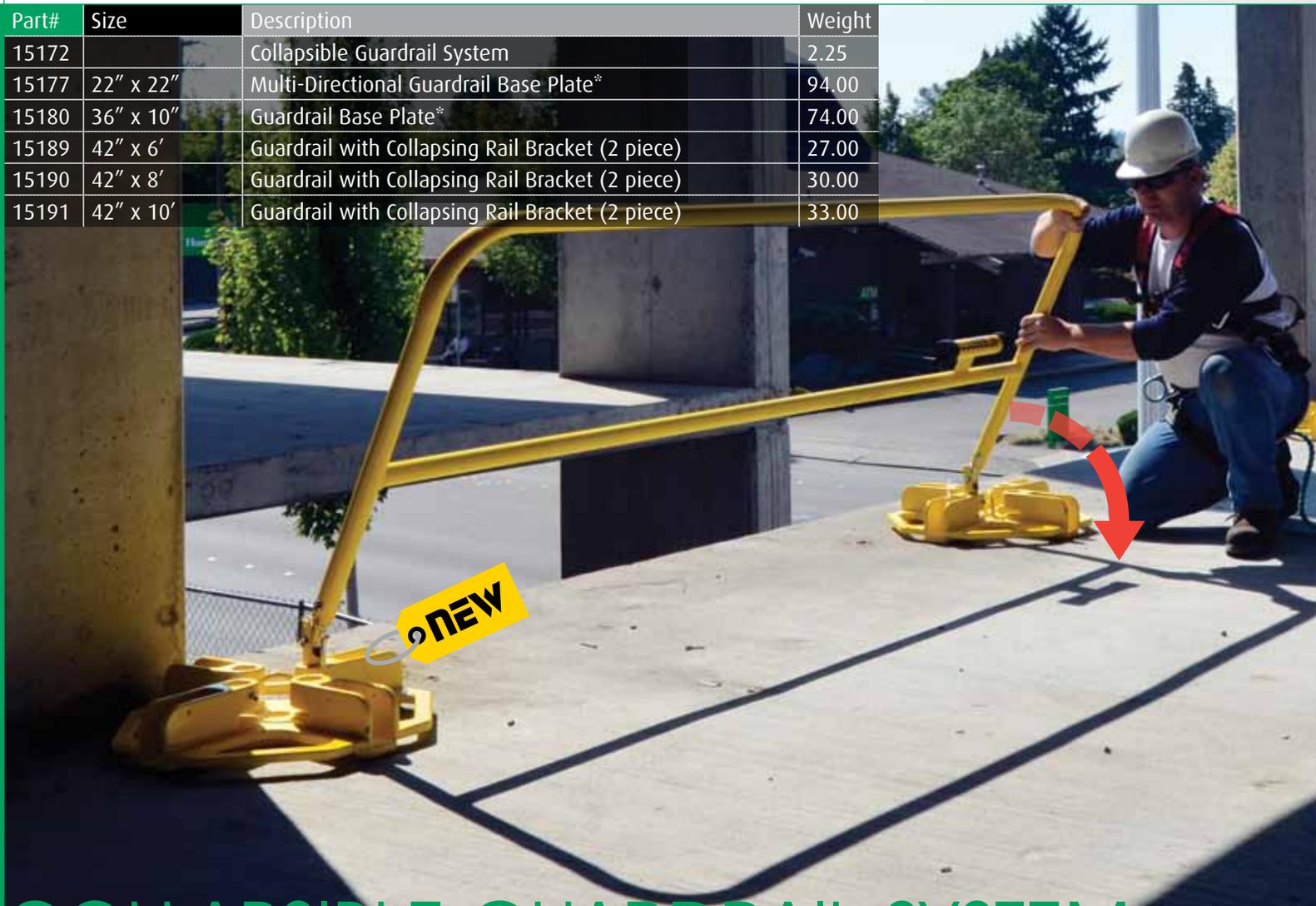
NEW



New base plate is also available in galvanized option!

Note: Includes attachment for toe-boards and pick point for movement with new transporter.

Part#	Size	Description	Weight
15172		Collapsible Guardrail System	2.25
15177	22" x 22"	Multi-Directional Guardrail Base Plate*	94.00
15180	36" x 10"	Guardrail Base Plate**	74.00
15189	42" x 6'	Guardrail with Collapsing Rail Bracket (2 piece)	27.00
15190	42" x 8'	Guardrail with Collapsing Rail Bracket (2 piece)	30.00
15191	42" x 10'	Guardrail with Collapsing Rail Bracket (2 piece)	33.00



COLLAPSIBLE GUARDRAIL SYSTEM

- The ultimate free standing portable fall prevention system that requires no rooftop surface attachment
- The Collapsible Guardrail Adapter can be applied to existing guardrails in the field or to your order prior to leaving one of our many warehouses
- The base plate can be used with our standard G-Rail system & our new Permanent Warning Line system
- Safety locking pin allows for secure & easy attachment
- Rail sections include weather protected instruction holster
- Skid resistant bases
- Meets all applicable OSHA & ANSI standards

**Be sure to order one extra base plate for each continuous run to cover the end guardrail.*



1 Versatility

The collapsible option allows for the Premium G-Rail System to be utilized when needed and lowered when work is completed.



2 Counterweights

Lightweight, non-penetrating counterweights are cost effective to ship and can be easily filled with concrete on-site, requiring no tools for installation.



3 Durable

The non-corrosive all aluminum system and advanced design creates one of the most durable systems available in the market today.

PREMIUM GUARDRAIL SYSTEM

The Premium Guardrail System is a highly superior system that combines functionality and durability with a touch of elegance that both you and your customers will appreciate.

Our “click-and-go” design speeds up the installation of the Premium Guardrail System while providing users with the option of having a straight upright, curved upright, or inclined upright. These options make any installation a possibility.

- The collapsible option allows for the Premium Guardrail System to be utilized when needed and lowered when work is completed
- Lightweight, non-penetrating counterweights are cost effective to ship and can be easily filled with concrete on-site, requiring no tools for installation
- The non-corrosive all aluminum system and advanced design creates one of the most durable systems available in the market today
- Meets OSHA standards

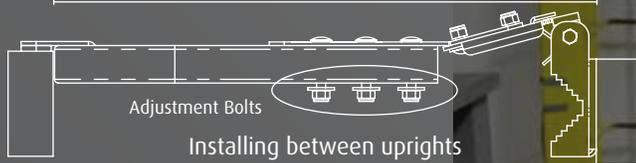
NEW

GUARDRAIL SAFETY SWING GATE

The new Guardian Safety Swing Gate meets OSHA's 1910.23 and is designed to be used on our Guardrail System as well as competitor's systems. Standard sizes include 18", 24" and 36". Our system can also be mounted to angle iron as show in the diagram.

- Steel construction
- Ships complete with bolts attaching to round or square tube
- Adjustable in width by quick adjustment bolts
- Fits openings from 18" to 36"
- Fits up to 2" maximum diameter round pipe

Standard sizes are 18" , 24" & 36"



Mounting to Angle Iron



Mounting between Guardrail Posts



Part#	Size	Description
15105	18"	Guardrail Safety Swing Gate
15110	24"	Guardrail Safety Swing Gate
15111	36"	Guardrail Safety Swing Gate

Applications include:

- Ladders
- Platforms
- Floor Openings
- Hand Railings
- Roof Hatches
- Stairwells
- Roof Tops
- Portable Guardrail
- Unfinished doorways with 2 x 4 framing



PERMANENT WARNING LINE SYSTEM

Part#	Size	Description	Weight
01401	5/32"	Vinyl Coated Cable	N/A
15038	9"(W) x 11½"(H)	Stamped Steel Warning Flag	0.80
15039	42"(H)	Permanent Warning Line Mast	34.00
15177	22" x 22"	New Multi-Directional Guardrail Base Plate	94.00
15180	36" x 10"	Guardrail Base Plate	74.00



Permanent Warning Line System ↘

The Guardian Permanent Warning Line System is a durable alternative to the flimsy temporary warning line systems. The system combines a heavy duty base with long lasting components that are weatherproof.

The Stamped Steel Warning Flag is powder coated and permanently attached to the cable line for ease of installation and compliance with OSHA standards. Using our Guardrail Base Plates, the Permanent Warning Line post is easily attached. The lengths of the cable and flags are pre positioned for quick and easy installation.

Stamped Steel Warning Flag (15038) ↘

- Durable & long lasting
- Special coating & plating
- Coated cable for added strength
- Complies with OSHA standards

Permanent Line Mast (15039) ↘

- Powder coated safety yellow
- Post height: 42"
- Hot dipped galvanized
- Utilizes same base plate as Guardrail & Collapsible Guardrail systems

NEW

GOOSE WARNING LINE SYSTEM

NOT RATED FOR PERSONAL FALL ARREST
NOT RATED FOR FALL RESTRAINT
NOT RATED FOR WORK POSITIONING
NOT RATED FOR RESCUE



Spring Loaded Legs – No Additional Tools Required



Flag Line Keeper



Fast & Easy Set Up

Goose Warning Line Stanchion System

The Goose Warning Line Stanchion System is designed to be used as a fall protection system to protect workers from leading edge work, unprotected side hazards, holes and any other applicable fall hazard where a passive Goose Warning Line Stanchion System can perform properly.

Provides protection and limited access to fall hazards by creating a barrier that must be negotiated before accessing the hazard.

Do not hang lifelines, support tools or equipment from any Goose Warning Line stanchion components.



Part#	Size	Description	Weight
15225	39" (H)	Single Stanchion	23.00
15227	39" (H)	Goose Single Stanchion	17.75
15228		Goose Transporter	72.00
15230		Transporter for Single Stanchions	147.60
15231	105' (L)	Replacement Flag Line	0.80



Goose Single Stanchion (15227) ↘

- Zinc plated steel
- Convenient side handle for easy carrying
- Easy to connect stem system on top for flag line connection
- Spring loaded legs – no additional tools required
- Quick installation
- Can be permanently installed by using a #12 screw
- Reusable & easy to set up

105' Replacement Flag Line (15231) ↘

- Large, heat-sealed flags
- Flags spaced every 2 feet
- Heavy-duty nylon cord
- OSHA compliant

Goose Warning Line System Transporter (15228) ↘

- Makes transporting stanchions easier & safer
- Holds nine Goose stanchions (15227)
- Zinc plated steel construction

Transporter for Single Stanchions (15230) ↘

- Rolls 465 lb. system with ease
- Holds nine single stanchions (15225)
- Built-in lift ring for hoisting to a roof
- Built-in reel holds 300 feet of flagged line

GUARDRAIL MOUNTING OPTIONS

[1] Friction Fit Bracket (15026) ↘

- High quality grip tape on zinc plated steel
- Brackets can be spaced as far apart as 8 feet
- Fits 52", 65" & 74" Guardrail Posts
- Make installation of Guardrail Posts simple, easy & secure
- Adjust to securely hold on to fascia boards

[1]

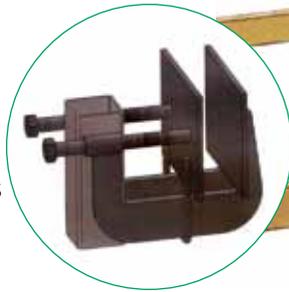


[2]



[2] Guardrail Gusset Mounts ↘

- Galvanized steel
- Saves 40% of installation labor
- Mounts with screws or nails
- Can also mount to concrete with tapcon screws
- Bring Guardrail Posts flush with outside walls
- Reusable



[3]



[4]



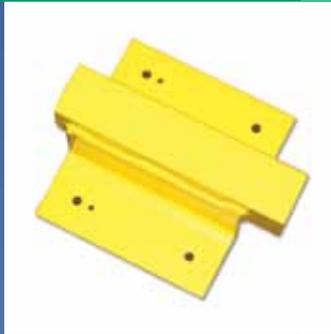
[3] Guardrail Angel Boot (15188) ↘

- Durable high strength plastic
- Pliable
- Reusable
- Integrated toe board design
- For wood or concrete applications
- Reinforced gussets for long life
- Inexpensive option for residential & commercial applications
- Extremely lightweight
- Simple design

[4] Stair Mounts ↘

- Durable welded steel
- Mounts with 4 screws or nails
- Engineered to be used on concrete 2,000 psi or stronger

Part#	Dimensions	Description	Weight
15026		Friction Fit Bracket	3.00
15159		Guardrail Standard Gusset Mount	0.25
15188	8½" x 5¾" x 5¼"	Guardrail Angel Boot	0.88
61027		Extended Guardrail Gusset Mount	0.46
61140	6" x 6" x 6"	Stair Mount for use with Guardrail Posts	3.00
61141	10" x 6" x 6"	Stair Mount for use with 2 x 4 Boards	3.00



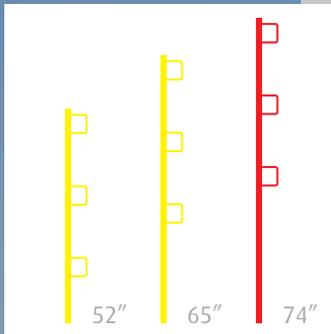
1 Guardrail Receiver for Posts (15158)

- Durable welded steel
- Mounts with screws or nails
- Tested for concrete 2000 psi
- For use with Guardrail Posts



2 Guardrail Receiver for Boards (61029)

- Durable welded steel
- Mounts with screws or nails
- Tested for concrete 2000 psi
- For use with 2 x 4 Boards



3 Guardrail Posts

- Available in 52"/65"/74"
- Lightweight welded steel
- Installs easily into mounts
- Maximum spacing 8' apart

Part#	Height	Description	Weight
15158		Guardrail Receiver for use with Guardrail Posts	4.00
61029		Guardrail Receiver for use with 2 x 4 Boards	11.00
61133	52"	Universal Guardrail Post	11.00
61135	65"	Universal Guardrail Post	14.00
61136	74"	Universal Guardrail Post	17.00

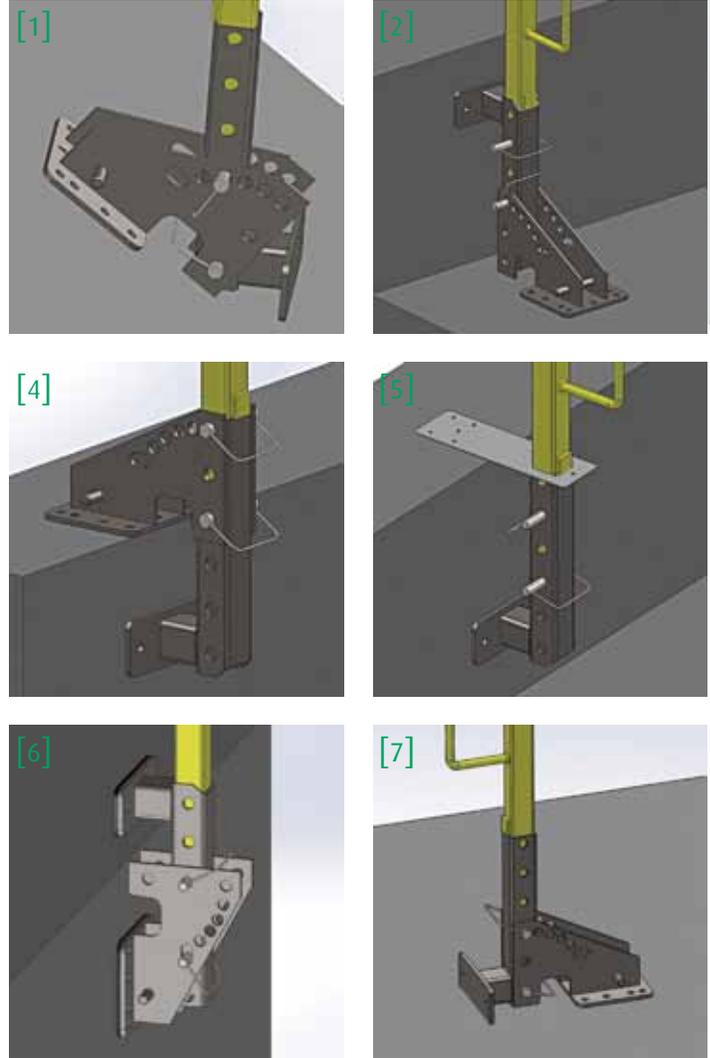
NEW

ALLIGATOR PARAPET ROOF SYSTEM

Alligator Parapet Roof System

- All heavy-duty steel construction
- Same clamp works on parapet walls or slab floors 4" - 24"
- Systems are available to accommodate steel railings or wood 2 x 4's
- Posts adjust in height to accommodate varying parapet heights
- Tightens with fasteners for [1] thru [7] & with one compression bolt for [3]
- Fits into box gutters
- Angle Clamp [1] adjusts to 3/12, 6/12 & 9/12 pitches as well as barrel mount roofs

- [1] Angle Clamp
- [2] Corner Clamp
- [3] Parapet Wall Application
- [4] Side & Top Connection
- [5] Side Connection with Gusset
- [6] Side Connection
- [7] Flush Connection



ALLIGATOR
parapet roof system

Part#	Size	Description
15167		Alligator Clamp Kit: Alligator Clamp (1), 47" Guardrail Post (15163) (1) & Extended Guardrail Gusset (61027) (1)
15163	47"	Alligator Guardrail Post
61027		Extended Guardrail Gusset

GUARDRAIL SYSTEMS



* Toe-board attachment required.

[1] Parapet Clamp Guardrail System (15170) ↘

Parapet Guardrail System offers the contractor an economical and easy-to-use system. Each system includes a Parapet Clamp and a Guardrail Post.

- Installed by one person without ladders or scaffolding
- Adjusts to wall widths between 4" to 24"
- Complies with OSHA standards
- Maximum spacing 8' apart

System is not designed as an anchorage point for a fall protection system. When working near a leading edge, always use a personal fall arrest or restraint system.

[2] Parapet Anchor System (15171) ↘

- Single point tie-off
- Works with 52" Guardrail Post (61133)
- Easy to adjust handles
- Integrated safety pin for secure set up
- Reinforced for long life
- Rated for 5,000 lb.
- Can be used with shock absorbing lanyards & SRL's
- Only one option in use at a given time

[3] Residential Guardrail System (15173) ↘

- Roof Bracket includes Guardrail Holder & Bracing Support
- Adjustable from 6/12 to 12/12
- Versatile & cost effective
- Slotted for easy removal
- Lightweight & compact for storage
- Can be used as a slide guard or guardrail for sloped roofs
- Maximum spacing 8' apart
- When used in conjunction with 2 x 4 & 2 x 6 toe boards, the system complies with OSHA regulations

[4] C-Slab Grabber (15500) ↘

- Ideal solution during concrete decking operations
- Back-up safety pin prevents separating
- Quick-adjust handle
- Anti-slip tape
- Fast & easy to set up
- Adjusts up to a 36" slab
- Meets or exceeds OSHA standards
- Can use 2 x 4's, 2 x 6's or cable for rails
- Affordable & built to withstand rugged construction
- Maximum spacing 8' apart

Part#	Size	Description	Weight
15170		Parapet Clamp Guardrail System: Clamp (1) & 42" Guardrail Post (15175) (1)	19.00
15171		Parapet Anchor System	19.00
15173		Residential Guardrail System: Bracket (1) & 42" Guardrail Post (15175) (1)	19.00
15175	42"	Guardrail Post	4.00
15500		C-Slab Grabber	21.80
61133	52"	Universal Guardrail Post	11.00

full body harnesses



Do All Harnesses Fit The Same?

The answer to that question is no. When eliminating the hazard and guardrails or safety nets will not work, you will need to rely upon Personal Protective Equipment (PPE) – fall restraint systems, personal fall arrest systems, or work positioning systems.

In simple terms:

1. Restraint systems keep you from falling
2. Fall arrest systems stop falls
3. You will need a full body harness if you use one of these systems

If you fall, a properly fitted harness spreads the arresting forces over your thighs, pelvis, chest and shoulders. The key fact to point out is that a harness can work properly only if the harness actually fits the worker and is properly worn. Thus, not all harnesses fit the same, nor do all harnesses perform the same. If you select a harness that isn't right for the job or does not fit properly, a worker is risking serious injury. Make sure to select the proper harness. Most manufacturers do an excellent job and provide an abundant variety of harnesses to choose from.

Choosing The Correct Harness

1. **Learn** about the types of fall hazards on your job.
2. **Choose** the right type of fall protection for each type of fall hazard that you are exposed to. Never use a body belt. Use a properly fitted full body harness instead.
3. **You can** use a harness with a variety of fall protection devices such as lanyards, retractable lifelines, vertical lifelines, horizontal lifelines, etc. According to the standards, a fall arrest system should let you fall no more than 6 feet. A work positioning device should let you fall 2 feet or less.
4. **Make sure** the harness fits you and is comfortable. This will prevent added stress to your body. You can get shoulder and back pads to reduce harness pressure. Full body cross chest harnesses are more comfortable for women and can reduce bruising when falls are arrested. Physical conditions and health conditions can impact the injuries sustained in a fall.
5. **Make sure** to have your company's Competent Person review the fit of your harness prior to use.

Log onto www.guardianfall.com to learn more about Guardian's selection of Full Body Harnesses.

CHOOSING YOUR HARNESS



1 Impact Indicator

This feature tells the user if the equipment has been loaded in a fall. If the indicator is pulled and the full tag is showing, the harness should be removed from service.



2 Adjustable Dorsal D-ring

Compatible for safe connection to any manufacturer's ANSI compliant fall protection system. The adjustable D-ring stays between the user's shoulders.



3 Adjusting Points

Whether you wear a harness 4 hours a day or 14, it needs to fit right for safety and comfort. Harnesses with adjusting points allow a better fit.



4 Web Keepers

Special web keepers and sewing processes keep our webbing secure to the harness.



5 Rescue D-rings

Rescue D-rings are used in the event a user falls and needs to be rescued.



6 Sub-Pelvic Strap

A cradle seat or sub-pelvic strap helps distribute body weight evenly across the legs and pelvis in a fall. This helps relieve the pressure of the leg straps on the leg arteries.



7 Side Positioning D-rings

Side positioning D-rings are backed with heavy duty cordura and a wear pad to increase durability.



8 Padding

Closed cell foam padding with breathable lining increases comfort and reduces the fatigue caused by the weight of tools hanging on the harness and shoulders.



9 Roller Buckle

All Edge Series harnesses feature a "Quick-Adjust" friction torso buckle with a release tab. The notched sliding dowel holds straps firmly in place. Lift up on the release tab to loosen.



10 Quick-Connect Buckle

Rated at 5,000 lb. Requires both tabs to be compressed to release the male end. This feature protects against accidental release. Green indicator is seen when buckle lock is fully engaged.



11 Pass-Thru Buckle

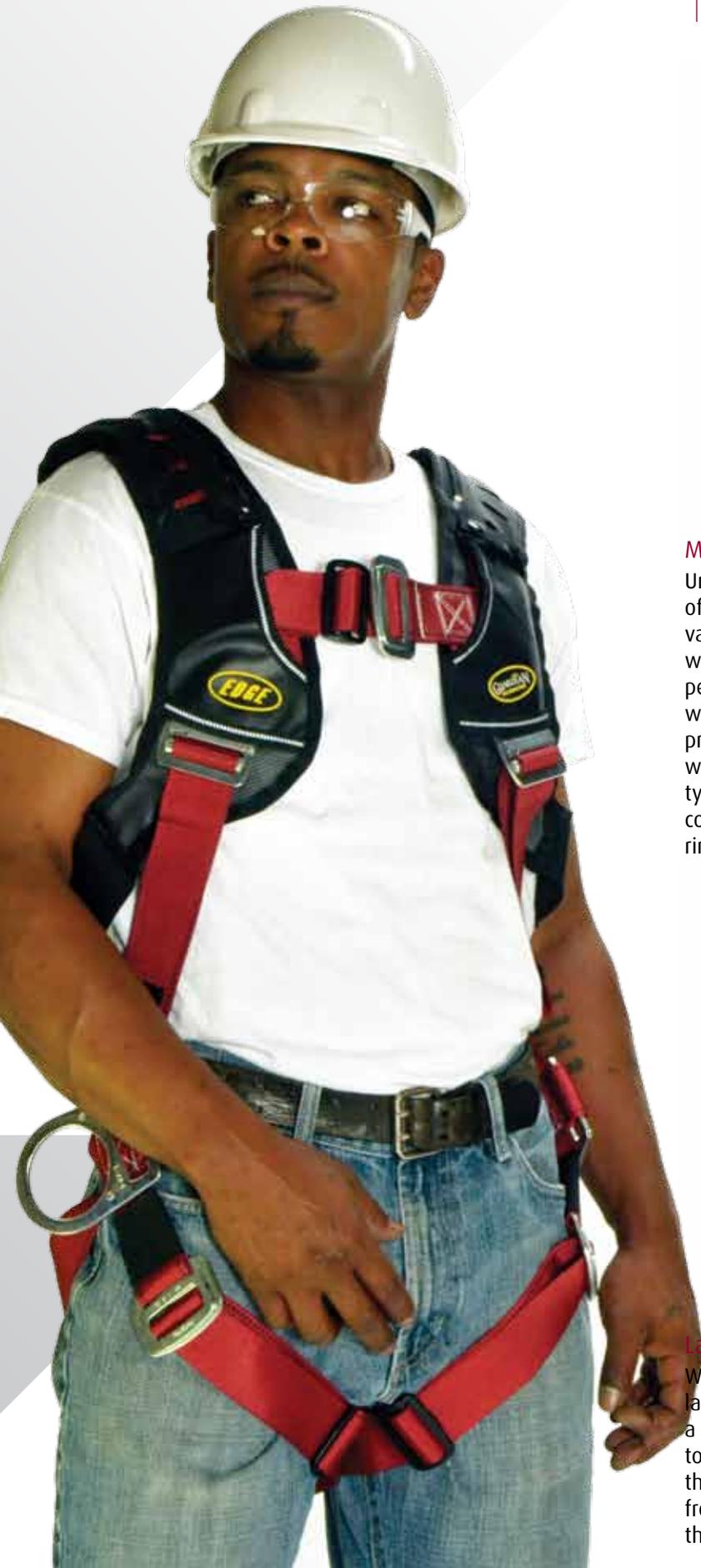
This notched buckle fastens without twisting for a quick and easy connection and release every time.



12 Tongue Buckle

This fastener style is easy to use and will not loosen with weight or movement. It is used in the leg and waist area. 1 3/4" grommet spacing is important for proper adjustment.

full body harnesses



Multi-Purpose Harness ↘

Unlike other harnesses, this type of harnesses often provides a variety of attachment points which will enable you to perform a variety of tasks. The waist belt and back pad will provide more support for the worker's lumbar area. These types of harnesses can also come with work positioning rings and tool carrying pouches.

Work Positioning Harness ↘

A work positioning harness will have D-rings positioned at the hips for use with rebar positioning devices. This will allow for the worker to perform their tasks safely and hands free.



Ladder Climbing Harness ↘

When climbing permanent ladders these harnesses provide a frontal means of attachment to safely ascend and descend that system. These can include front loops or D-rings located on the chest of the worker.

Confined Entry/Retrieval ↘

These harnesses are typically used for retrieval from confined spaces when using an Arc-O-Pod or Davit System. They can also be used for everyday rescues of any construction trade.



full body harnesses



CYCLONE HUV HARNESS

Designed with the unique X-back which leaves the harness straps tangle free. An ideal combination for fall arrest, work positioning, rescue and rope access applications.

Identification: Now your employees can personalize their harnesses without jeopardizing the integrity of the webbing.

Adaptability: Fully adjustable shoulder, chest strap & leg straps.

Convenience: Shoulder and leg straps have combination buckles for easy adjustment. Web keepers on shoulder straps for easy placement of free lanyards.

Ergonomics: Specially cushioned mesh net has been used for better shock absorption and comfort of the user. Ideally positioned sub-pelvic strap for extended comfort.



1 **Stitching Pattern**
Unique aesthetic stitch pattern for enhanced stitching strength with smart styling.



2 **Combination Buckle**
With a unique pull-up grip, the shoulder adjustment can be tightened and loosened with one hand.



3 **Identification**
Now your employees can personalize their harnesses without jeopardizing the integrity of the webbing.



Size	Chest	Legs	Cyclone HUV		HUV w/ Side D-rings		Cyclone Construction Harness		
			Part#	Weight	Part#	Weight	Part#	Waist	Weight
S	Pass-Thru	Tongue Buckle	21052	8.00			21064	Tongue Buckle	9.50
M - L	Pass-Thru	Tongue Buckle	21053	8.50	21077	9.00	21065	Tongue Buckle	10.00
XL	Pass-Thru	Tongue Buckle	21054	9.00	21078	9.50	21066	Tongue Buckle	10.50
2XL	Pass-Thru	Tongue Buckle	21055	9.50			21067	Tongue Buckle	11.00
S	Quick-Connect	Quick-Connect	21045	8.00			21033	Tongue Buckle	9.50
M - L	Quick-Connect	Quick-Connect	21046	8.50	21081	9.00	21034	Tongue Buckle	10.00
XL	Quick-Connect	Quick-Connect	21047	9.00			21035	Tongue Buckle	10.50
2XL	Quick-Connect	Quick-Connect	21048	9.50			21036	Tongue Buckle	11.00
S	Quick-Connect	Tongue Buckle	21041	8.00			21029	Tongue Buckle	9.50
M - L	Quick-Connect	Tongue Buckle	21042	8.50			21030	Tongue Buckle	10.00
XL	Quick-Connect	Tongue Buckle	21043	9.00			21031	Tongue Buckle	10.50
2XL	Quick-Connect	Tongue Buckle	21044	9.50			21032	Tongue Buckle	11.00



full body harnesses

NEW

CYCLONE CONSTRUCTION HARNESS



* Bags sold separately (page 193).

** Refer to previous page for part numbers.

The new Cyclone Construction harness is part of many new additions to our product offering. The overall comfort and styling of this harness is far superior to many other harnesses on the market. Match the quality with the pricing, and the everyday contractor can afford a high end harness that does not require an advanced degree to simply perform inspection.

Our design engineers took what makes a harness simple and made slight improvements so that you can work more comfortably and with added versatility without breaking the bank.

Ed Marquardt, President of Guardian Fall Protection, says: "We were after developing a great product that is safe and that is affordable for the everyday contractor... The Cyclone Series will deliver guaranteed satisfaction."

- Ultra-Flow padding helps to keep sweat away from the body
- Double grommeted tool belt is removable & has extra space for tool bags
- Optional affordable & durable tool bags
- Velcro waist belt for added support & custom fit
- Multiple buckle configurations are available
- Finished ends for a clean & professional look
- D-rings are bent & powder coated



full body harnesses

NEW

CYCLONE TOWER HARNESS

Part#	Size	Chest	Legs	Waist	Weight
21082	S - L	Quick-Connect	Quick-Connect	Combination	11.00
21083	XL	Quick-Connect	Quick-Connect	Combination	12.00



1 Shoulder Straps
Fully padded straps with comfortable knitted mesh pads for better shock absorption & air circulation.



2 Quick-Connect Buckle
Extremely easy to use with single-hand adjustment. Made from top-grade corrosion-resistant steel.



3 Ventral D-ring
Provided to be used for rope access, rescue and many other applications making the harness multi-purpose.



4 Leg Straps
The distinctively placed fully padded straps with automatic buckles for easy adjustment.



The newest addition to our line of harnesses, the Cyclone Tower Harness is the latest in engineering technology for body harnesses. The harness combines durability, comfort and versatility for an exceptional value. An ideal combination for Wind Construction, Wind Maintenance, Wind Rescue and Evacuation.

Attachment Elements:

- 1 Dorsal & 1 Sternal D-ring for fall arrest
- 1 Ventral D-ring at waist level in front for rope access & 2 Side D-rings

Adaptability: Fully adjustable shoulder & leg straps, chest strap and waist belt.

Convenience: Shoulder, waist & leg straps have combination buckles for easy adjustment. Tool holder loops & an additional bigger handle at the back for keeping extra carabiners and accessories. Web keepers on shoulder straps for easy placement of free lanyards.

Ergonomics: Ideally positioned elasticized straps for extended comfort. Specially cushioned mesh net has been used for better shock absorption and comfort of the user.



full body harnesses



VELOCITY SERIES HARNESSES



1 Break-Away Lanyard Keepers

Lanyard keepers reduce the risk of dragging and snagging lanyards. The keeper is on the chest to make the lanyard end more accessible.



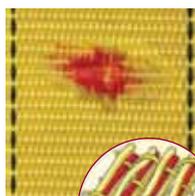
2 Finished Webbing Ends

Keeps the webbing ends from fraying or getting damaged as well as providing a clean and professional look.



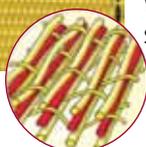
3 Identification

Now your employees can personalize their harnesses without jeopardizing the integrity of the webbing.



4 Webbing Wear Indicator

Unique red webbing core provides a visual warning to the user that the webbing has been damaged and should be taken out of service.



Size	Chest	Legs	Velocity HUV		Velocity w/ 3 D-rings	
			Part#	Weight	Part#	Weight
S - L	Pass-Thru	Pass-Thru	01700	2.75	01702	3.00
XL - 2XL	Pass-Thru	Pass-Thru	01701	3.00	N/A	N/A
S - L	Pass-Thru	Tongue Buckle	01703	2.75	01705	3.00
XL - 2XL	Pass-Thru	Tongue Buckle	01704	3.00	01706	3.50

Your employees and customers will appreciate this higher quality economy harness for an incredible value. While other manufacturers look to cut costs by cheapening up their lower end products, Guardian Fall Protection proves that we will not sacrifice quality or the protection of your employees to save a few nickels and dimes.

The new Velocity Harness by Guardian Fall Protection brings the best economy harness to the market. Our engineers revamped the tired old basic harness into a higher quality product that your employees and customers will enjoy.

Dual Lanyard Keepers: Other manufacturers provide only one or none on their economy harness.

Finished Webbing Ends: Keeps the webbing ends from getting damaged as well as providing a clean and professional look.

Identification: Now your employees can personalize their harnesses without jeopardizing the integrity of the webbing.

Webbing Wear Indicator: The only economy harness on the market that provides a visual warning to the user and safety director that the webbing has been damaged and should be taken out of service.



PREMIUM EDGE SERIES HARNESSSES

1 Quick-Connect Buckle

Quick-Connect buckle is rated at 5,000 lb. The unique design requires both tabs to be compressed to release the male end. This feature protects against accidental release. Green indicator is seen when buckle lock is fully engaged.



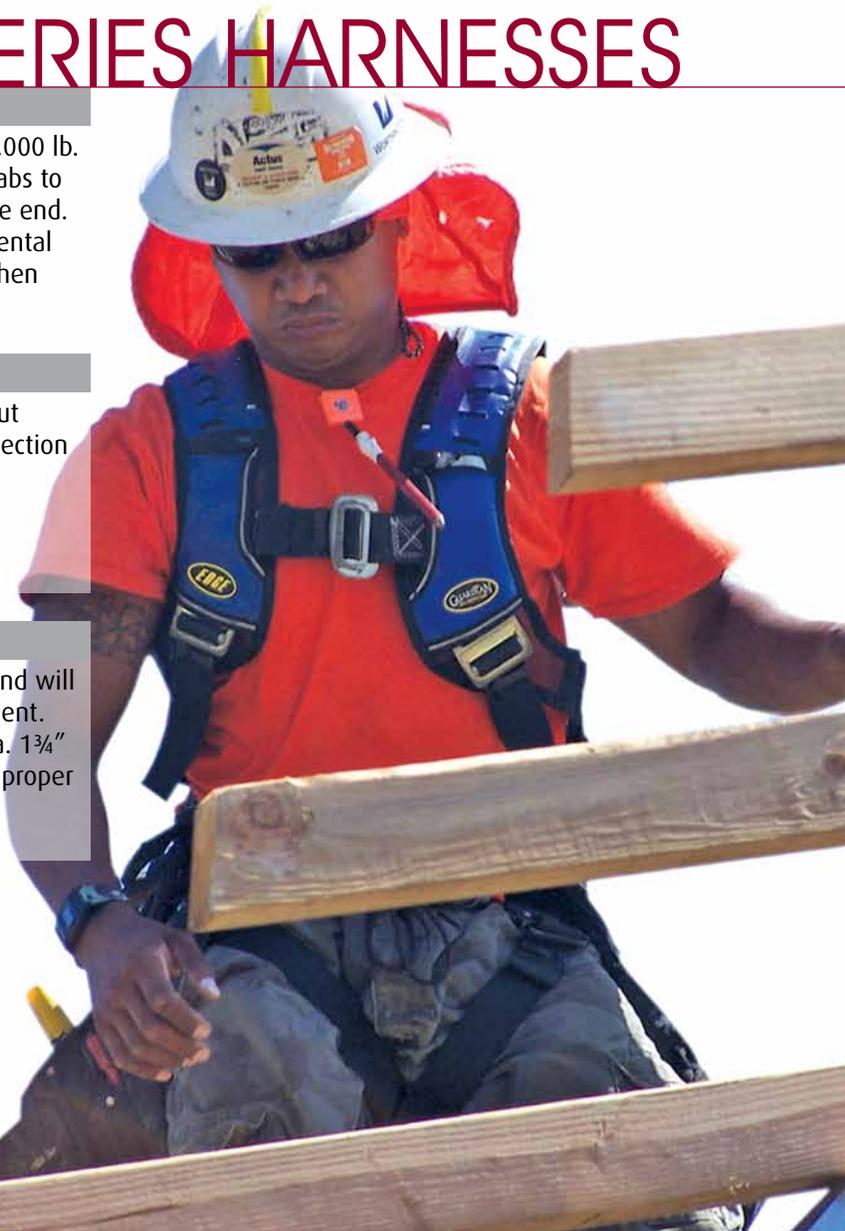
2 Pass-Thru Buckle

This notched buckle fastens without twisting for a quick and easy connection and release every time.



3 Tongue Buckle

This fastener style is easy to use and will not loosen with weight or movement. It is used in the leg and waist area. 1 3/4" grommet spacing is important for proper adjustment.



Basic HUV Premium Edge Harnesses ↘

- Award winning design
- Five points of adjustment
- Impact indicator
- Adjustable dorsal D-ring
- Edge Comfort Pocket for Steele® Cool Packs or Hydrapak®
- Reflective trim
- Side stretch points
- Chest equipment slots
- "Quick-Adjust" friction torso buckles
- Web keepers
- Sub-pelvic strap
- Back pad

Construction Premium Edge Harnesses ↘

Contains the same features as Basic HUV, plus:

- Closed cell foam padded waist belt
- Side positioning D-rings
- Optional back brace

Buckle Configurations ↘

With the buckle configurations and various color options, the Edge harness comes in over 450 different styles to choose from. While we do keep a large amount in inventory, please be aware that custom orders can take up to 3 weeks depending on quantity.

full body harnesses

		Basic HUV Harness		HUV w/ Side D-Rings		Construction Harness		
Chest	Legs	Core#	Weight	Core#	Weight	Waist	Core#	Weight
Pass-Thru	Pass-Thru	1810##	8.00	1820##	8.50			
Pass-Thru	Tongue Buckle	1811##	9.00	1821##	9.50	Tongue Buckle	1930##	9.50
Pass-Thru	Quick-Connect	1812##	9.00	1822##	9.50			
Quick-Connect	Quick-Connect	1813##	7.00	1823##		Quick-Connect	1933##	7.50
Quick-Connect	Tongue Buckle	1814##	7.00	1824##	9.50	Tongue Buckle	1931##	7.50
Quick-Connect	Quick-Connect					Tongue Buckle	1932##	7.50



Size	Digit#
S	0
M - XL	1
2XL	2

HOW TO BUILD A HARNESS

STEP 1

Pick a harness and a buckle style from the chart above and use it as your core # for your total price estimate (Example: Edge HUV with Pass-Thru Chest & Legs = **1810##**)

STEP 2

Pick a color combination from the color options and add one digit # to the end of your core # (Example: Edge HUV with Pass-Thru Chest & Legs + Yellow/Black (**6**) = 1810**6**##)

STEP 3

Pick a size from the size chart and add one digit # to the end of the six digit # to complete your part # (Example: Edge HUV with Pass-Thru Chest & Legs + Yellow/Black + Size M - XL (**1**) = 1810**61**)

EDGE SERIES FEATURES



1 Impact Indicator

This feature tells the user if the equipment has been loaded in a fall. If the indicator is pulled and the full tag is showing, the harness should be removed from service.



2 Adjustable Dorsal D-ring

The back D-ring is compatible for safe connection to any manufacturer's ANSI compliant fall protection system. The adjustable D-ring stays between the user's shoulders.



3 Edge Comfort Pocket

This unique pocket can house Steele® Thermo Cool Packs or 50 oz. Hydrapak®. There is a Velcro opening at the top for the insert and a small opening at the bottom for the Hydrapak® straw.



4 Chest Strap

This adjustment area allows 4 inches of chest strap adjustment.



5 Webbing

70% of all structural webbing on the harness that is usually at risk for abrasion is protected by a durable water and weatherproof Hypolon. The Hypolon can be unzipped for webbing and tag inspection.



6 Slots

Convenient slots offer workers a place to clip their radio, flashlight, pager, cell phone, or Hydrapak® straw. We have a variety of clips available to you upon request.



7 Friction Buckle

All Edge Series harnesses feature a "Quick-Adjust" friction torso buckle with a release tab. The notched sliding dowel holds straps firmly in place. Lift up on the release tab to loosen.



8 Web Keepers

Special web keepers and sewing processes keep our webbing secure to the harness.



9 Padded Waist Belt

The belt is made of a closed cell foam with a mesh lining that allows the material to breathe. All the structural webbing on the belt is covered by a durable Hypolon that lifts for inspection.



10 Side Positioning D-rings

Side positioning D-rings are backed with heavy duty cordura and a wear pad to increase durability.



11 Sub-Pelvic Strap

A cradle seat or sub-pelvic strap helps distribute body weight evenly across the legs and pelvis in a fall. This helps relieve the pressure of the leg straps on the leg arteries.



12 Excellence Award

In 2007 the Edge Harness received a Gold International Design Excellence Award and recognized by *Business Week* magazine.



EDGE SERIES ACCESSORIES

Part#	Description	Weight
10830	Steele® Thermo Cool Packs	1.00
10832	Hydrapak® Drink System	0.30



Steele® Thermo Cool Packs (10830) ↘

When the body is unable to cool itself from sweating, serious heat illness may occur. The most severe heat induced illnesses are heat exhaustion and heat stroke. OSHA recommends workers who are exposed to high temperatures and humidity try to stay cool and consume about a cup of water every 15 to 20 minutes.

Steele® Thermo Cool Packs stay cold for 3 – 4 hours. The packs are lightweight, biodegradable, non-toxic, non-flammable, durable, and an efficient way to keep cool during the summer months. They can be frozen and melted repeatedly without degradation. Steele® Thermo Cool Packs represent the industry standard for efficient heat stress reduction.

Hydrapak® Drink System (10832) ↘

Hydrapak® Drink System is completely different from ordinary screw-top systems. It is designed with a Velcro roll-top to solve all the performance, cleaning and storage problems found in other company's hydration packs. The Hydrapak® Drink System works better and lasts longer so you can drink easier and play harder.

The roll-top closure is fast, easy and water-tight. Just fill, roll and you're good to go. The hook-and-loop closure locks the roll in place – the seal actually gets stronger under pressure. Hydrapak® Drink System is made from FDA approved polyurethane that can be stretched up to 8 times its original size. Holds up to 50 oz of liquid.

EDGE SERIES HARNESSSES

Monster™ Edge Harness ↘

Monster™ Edge is the specially designed, highly rugged and durable harness. It includes all the standard features of our popular Edge Harness along with the new addition of Monster™ Harness webbing. This harness is ideal for highly abrasive and rough environments.

- Monster™ Harness webbing
- Vest style harness for ease of putting on
- Curve design for a better fitting harness
- Pouch in the back for Hydrapak® or Steele® Thermo Packs
- Sure-Grip rollers for ease of adjustments
- Ultra comfortable padding
- Construction version includes a new tapered belt

Flame Retardant Edge Harness ↘

Designed with welding applications in mind, this revolutionary design allows for the user to replace the outer shell for a new one. This prolongs the life of the product and gives the user a better value. Simply unbutton the shell and replace it with a new one.

- Replaceable outer flame retardant shell
- Nomex/Kevlar blend webbing
- Dielectric dorsal D-ring
- Powder-coated buckles
- Pouch in the back for Hydrapak® or Steele® Thermo Packs



Monster™ Edge



Flame Retardant Edge

Part#	Size	Description	Weight
Monster™ Edge Harness			
193190	M - L	Monster™ Edge Harness w/ Side D-rings	7.00
193191	XL	Monster™ Edge Harness w/ Side D-rings	8.00
193192	2XL	Monster™ Edge Harness w/ Side D-rings	9.00
Flame Retardant Edge Harness			
181080	S	Flame Retardant Harness w/ Pass-Thru Chest & Leg Straps	4.00
181081	M - XL	Flame Retardant Harness w/ Pass-Thru Chest & Leg Straps	5.00
181082	2XL	Flame Retardant Harness w/ Pass-Thru Chest & Leg Straps	6.00
182080	S	Flame Retardant Harness w/ Pass-Thru Chest/Leg Straps & Side D-rings	4.50
182081	M - XL	Flame Retardant Harness w/ Pass-Thru Chest/Leg Straps & Side D-rings	5.50
182082	2XL	Flame Retardant Harness w/ Pass-Thru Chest/Leg Straps & Side D-rings	6.50
02001	S	Replacement Flame Retardant Panel – pair	1.00
02002	M - XL	Replacement Flame Retardant Panel – pair	1.50
02003	2XL	Replacement Flame Retardant Panel – pair	2.00



TOWER EDGE CONSTRUCTION

Tower Edge Construction Harness

This harness is designed for the professionals whose work involves a lot of climbing, work positioning and suspension. Our new Tower Edge Construction harness is built off of the award winning design of the Edge Series harness and combines comfort, flexibility, safety and overall durability.

The Tower Edge Construction harness utilizes a vest style design that makes the harness easy to put on as well as comfortable to wear. The harness includes a body belt for positioning and a highly durable and comfortable saddle which utilizes dual durometer padding and our G-Tech fabric.

- Compatible with OSHA/ANSI compliant PFAS on the market
- Features one of the most comfortable saddles available
- Utilizes platform of award winning harness design
- Integrated hydration/cool pouch for those long climbs
- Ultra padding utilized throughout the design



Note: Harness is shown with Guardian 50 oz Hydrapak® Drink System (PN #10832). For details go to page 31.

Part#	Size	Chest	Legs	Waist	Weight
293070	S	Pass-Thru	Tongue Buckle	Tongue Buckle	9.00
293071	M - XL	Pass-Thru	Tongue Buckle	Tongue Buckle	10.00
293072	2XL	Pass-Thru	Tongue Buckle	Tongue Buckle	11.00
293170	S	Quick-Connect	Tongue Buckle	Tongue Buckle	9.00
293171	M - XL	Quick-Connect	Tongue Buckle	Tongue Buckle	10.00
293172	2XL	Quick-Connect	Tongue Buckle	Tongue Buckle	11.00
293270	S	Quick-Connect	Tongue Buckle	Quick-Connect	9.00
293271	M - XL	Quick-Connect	Tongue Buckle	Quick-Connect	10.00
293272	2XL	Quick-Connect	Tongue Buckle	Quick-Connect	11.00
293370	S	Quick-Connect	Quick-Connect	Quick-Connect	9.00
293371	M - XL	Quick-Connect	Quick-Connect	Quick-Connect	10.00
293372	2XL	Quick-Connect	Quick-Connect	Quick-Connect	11.00



SERAPH HARNESSSES

Size	Part#	Weight	Part#	Weight
	Seraph HUV Harness		HUV w/ Side D-rings	
M - L	11160	3.10	11161	3.30
XL - 2XL	11162	3.70	11163	3.90
	HUV w/ TB Legs		TB Legs & Side D-rings	
M - L	11164	3.50	11165	3.70
XL - 2XL	11166	4.10	11167	4.30
	Seraph Construction		Const. w/ Side D-rings	
M - L	11170	4.80	11173	5.00
XL - 2XL	11172	5.40	11171	5.60



Seraph HUV (11160)



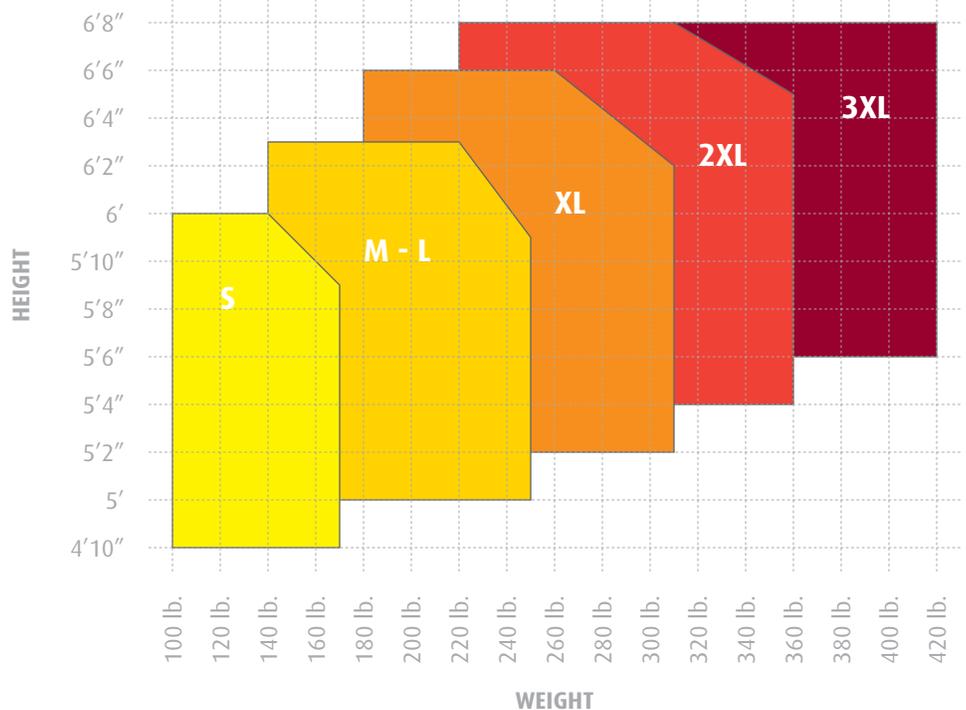
Seraph Construction (11173)

Seraph Universal Harness ▾

- Five points of adjustment
- Adjustable dorsal D-ring
- Impact indicator & inspection log tag
- Snap-on back pad
- Stretch ability in the shoulders & back
- "Quick-Adjust" friction torso buckles
- Lanyard keepers
- Web keepers
- Optional front & side positioning D-rings

Seraph Construction Harness ▾

- Six points of adjustment
- Adjustable dorsal D-ring
- Impact indicator & inspection log tag
- Shoulder pads
- Stretch ability in the shoulders & back
- "Quick-Adjust" friction torso buckles
- Web keepers
- Optional front & side positioning D-rings
- Padded waist belt
- Hammer loops
- Tongue buckle leg straps
- Cradle seat



SERAPH HARNESS FEATURES



1 Adjustable Dorsal D-ring

Compatible for safe connection to any manufacturer's ANSI compliant fall protection system. The D-ring stays between the user's shoulders.



2 Shoulder Pads

Closed cell foam shoulder pads increase comfort and reduce the fatigue caused by the weight of tools hanging on the harness and shoulders.



3 Stretch Points

Instead of making a harness that stretches out of proportion and sags with the weight of tools, we have added stretch points to increase movement where you need it.



4 Roller Buckle

This type of strap adjustment makes tightening and loosening straps easy. The notched sliding dowel holds straps firmly in place. Lift up on the release tab to loosen.



5 Padded Waist Belt

A sturdy cordura covered foam padding is placed between the tools and the back to distribute weight and increase comfort.



6 Side Positioning D-rings

Side positioning D-rings are backed with heavy duty cordura and a wear pad to increase durability.



CONSTRUCTION TUX™ HARNESSES

Construction Tux™ Vest Harnesses										
Size	Hi-Viz	Weight	Fire Retardant	Weight	Surveyor's	Weight	Flotation	Weight	Blue Duck Flex	Weight
S	02105	3.80	02500	3.10	02705	3.80	N/A	N/A	12305	2.80
M	02115	3.90	02510	3.20	02715	3.90	02810	6.00	12315	2.90
L	02125	4.00	02520	3.30	02725	4.00	02820	6.10	12325	3.00
XL	02135	4.10	02530	3.40	02735	4.10	02830	6.20	12335	3.10
2XL	02145	4.20	02540	3.50	02745	4.20	N/A	N/A	12345	3.20
Mesh Tux™										
Size	Orange	Green	Black	Red	Weight					
S	02100	02200	02600	02700	3.00					
M	02110	02210	02610	02710	3.10					
L	02120	02220	02620	02720	3.20					
XL	02130	02230	02630	02730	3.30					
2XL	02140	02240	02640	02740	3.40					
Duck Tux™										
Size	Brown	Blue	Black	Camo	Weight					
S	02205	02305	02405	N/A	3.80					
M	02215	02315	02415	03010	3.90					
L	02225	02325	02425	03020	4.00					
XL	02235	02335	02435	03030	4.10					
2XL	02245	02345	02445	03040	4.20					
Fleece Zip-in Liners										
Size	Sleeveless	Weight	Long Sleeves	Weight						
M	02010	2.00	02015	3.90						
L	02020	2.10	02025	4.00						
XL	02030	2.20	02035	4.10						
2XL	02040	2.30	02045	4.20						

Orange Mesh Tux™

Hi-Viz Tux™ Harness ↘

- Class II Hi-Visibility material
- Coated polyester material to resist fading from UV Rays
- Meets standards for ANSI/ISEA 107-2004 for roadside work
- Eliminates the hassle of wearing standard body harnesses over reflective garments
- Also available with zip on/off long sleeves (page 38)

Fire Retardant Tux™ Harness ↘

- 100% cotton flame resistant Banox FR3 material
- Meets standards for OSHA regulation 29, ASTM 1506, NFPA 70E & 701
- Nomex Kevlar blend webbing
- Dielectric D-ring & powder-coated buckles

Surveyor's Tux™ Harness ↘

- Class II Hi-Visibility material
- Coated polyester material to resist fading from UV Rays
- Meets standards for ANSI/ISEA 107-2004 roadside work vest
- Includes a variety of pockets for radio, maps, cell phone, etc.

Flotation Tux™ Harness ↘

- Class II Hi-Visibility material
- Coated polyester material to resist fading from UV Rays
- Meets standards for ANSI/ISEA 107-2004 roadside work vest
- PFD automatically inflates within 5 seconds of immersion
- Can also be manually inflated with a pull cord
- Type II performance inflatable mechanism with CO₂ cartridge



Hi-Viz Tux™



Mesh Tux™



FR Tux™



Surveyor's Tux™



Flotation Tux™



Blue Duck Flex Tux™



Camo Duck Tux™

Mesh Tux™ & Duck Tux™ Harnesses ↘

- No-tangle body wear system
- Leg straps zip into the back of the harness for storage
- Include dorsal & side positioning D-rings
- Impact indicator
- Notched pass-thru chest & leg buckles
- Made with reflective strips down the front for visibility
- Mesh Tuxes™ are made with comfortable & breathable mesh
- Duck Tuxes™ are made with durable cotton duck material
- Durable zipper
- Washable materials
- Available with shoulder D-rings for rescue & retrieval
- Available with custom embroidered or silk screened logos
- Available with our butterfly chest D-ring (02000)

Blue Duck Flex Tux™ Harness ↘

- Two lightweight flexible action panels provide increased mobility across the back
- Internal harness stretches with worker's movement
- Velcro pocket for cell phone
- Durable cotton duck material
- Made with a mesh or fleece lining



**Specific part numbers must be ordered.*

full body harnesses



CONSTRUCTION TUX™ HARNESSES

Size	Zip On/Off Long Sleeves Tux™ Harnesses			Hi-Viz Zip On/Off Long Sleeves Tux™		
	Jacket Tux™	Sport Tux™	Weight	Green	Orange	Weight
S				13200	13300	6.00
M	13010	13610	5.50	13210	13310	6.50
L	13020	13620	6.00	13220	13320	7.00
XL	13030	13630	6.50	13230	13330	7.50
2XL				13240	13340	8.00



Jacket Zip On/Off Sleeves Tux™



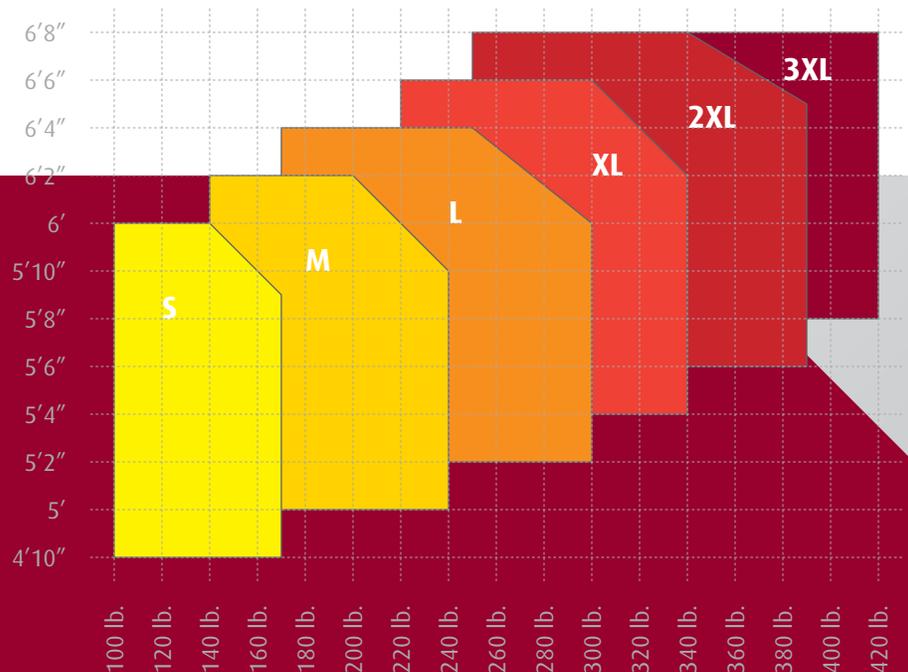
Sport Zip On/Off Sleeves Tux™



Hi-Viz Zip On/Off Sleeves Tux™

Jacket Tux™ & Sport Tux™ Harnesses ↘

- Sleeves can be easily removed
- Outer shell is designed to protect from rain & wind
- Comes with pockets for functionality
- Accessory flaps are designed to prevent rain from getting inside the harness
- Harness legs tuck away when not being used
- Sport Tux™ features 3-layer soft shell comfort technology
- Sport Tux™ comes in 4-way stretch fabric that promotes greater flexibility
- Available in black only



FULL BODY HARNESSSES

Part#	Size	Description	Weight	Part#	Size	Description	Weight
Front Loop Cross-Over Harness				HUV Kevlar Harness			
01191	S - M	Front Loop Cross-Over Harness	4.00	00900	M - L	HUV Kevlar Harness	4.85
01192	L	Front Loop Cross-Over Harness	4.50	00905	XL	HUV Kevlar Harness	4.95
01193	XL	Front Loop Cross-Over Harness	5.00	00920	M - L	HUV Kevlar Harness w/ Side D-rings	4.95
Lineman Harness				HUV Reflective Harness			
01140	M - L	Lineman Harness	6.00	21140	S - L	HUV Reflective Harness	2.50
01145	XL	Lineman Harness	6.50	21145	S - L	Seraph HUV Reflective Harness	3.00
				21146	S - L	Seraph HUV w/ Tongue Buckles	3.70
				21147	S - L	Seraph HUV w/ TB & Side D-rings	3.15



[1] Front Loop Cross-Over Harness ▾

- Front loop for rescue or work positioning
- Includes a dorsal D-ring
- Easy to put on
- "X" design keeps the straps on the shoulders while working
- Impact indicator
- Perfect for use with the Cable Ladder system

[2] Lineman Harness ▾

- Extra wide cradle seat with attached D-rings
- Permanently attached tool belt
- Impact indicator
- Shoulder pads
- Notched Pass-Through chest buckles
- Tongue buckle leg & waist straps
- "No-loose-ends" chest straps
- Six points of adjustment for comfort



[3] HUV Kevlar Harness ▾

- Lightweight welding harness
- Features black flame-retardant Nomex webbing
- Comes with a dielectric dorsal D-ring
- Kevlar stitching for added strength & durability
- Comes with an impact load indicator
- Optional front & side D-rings

[4] HUV Reflective Harness ▾

- 100% reflective harness ideal for railroad workers
- Five points of adjustment
- Stretch points in the shoulders & back
- Comes with impact indicator & inspection log tag
- Optional Tongue buckle leg straps & side D-rings



HARNESSES DONNING INSTRUCTIONS

STEP 1

Hold harness by back D-ring which is held in place by a D-ring pad. Make certain straps are not twisted.



STEP 2

Slip harness over arms and onto shoulders. Make certain all straps are not tangled and hang freely. Shoulder straps should be kept vertical, not pulled into center of body.



STEP 3

Grab black leg straps and connect to buckles attached to yellow straps on each hip. Pass excess strap through loop keepers. Leg straps should fit snugly.

STEP 4

Attach chest strap by passing male buckle through female buckle. Strap should be 6" below top of shoulder. Pass excess strap through loop keeper.



STEP 5

Shoulders: To tighten, pull on free ends of straps as shown. To loosen, push down on parachute, adjuster buckle frame. Straps should be adjusted to same length.

Chest Strap: To tighten, pull free end of strap. To loosen, push on strap from free end through adjuster buckle and take up slack by pulling on adjuster buckle. To position, slide keeper up or down the shoulder strap.

Back D-ring: Center between shoulder blades, slide D-ring and pad up and down along the webbing to position.



NEW

NEW ANSI COMPLIANT LANYARDS



- **3.1.8.1** 6 ft. free fall personal energy absorbers and energy absorbing lanyards when tested in accordance with 4.4 and 4.5 shall have an average arrest force no greater than 900 pounds and a maximum deployment distance of 48 inches without exceeding 1,800 pounds maximum arrest force.



- **3.1.8.2** 12 ft. freefall personal energy absorbers and energy absorbing lanyards when tested in accordance with 4.4 and 4.5 shall have an average arrest force no greater than 1,350 pounds and a maximum deployment distance of 60 inches without exceeding 1,800 pounds maximum arrest force.



[2]

CHOOSING YOUR LANYARD

1 Webbing

Choosing the proper lanyard includes determining the proper webbing type to be used, the correct length and even the standards to which the product must meet such as ANSI Z359 or A10.

Webbing comes in many different styles. Webbing used in lanyards could be used in highly abrasive, corrosive, and flammable environments. Be sure to recognize the working hazards that your fall protection could be exposed to and consult with your Competent Person to determine the best lanyard to choose.

2 Shock Absorbers

Lanyards can come with different shock absorbers as well as connector and hook options. Shock absorbers can come in packs or in a tubular design that is either stretchable or non stretchable.

Shock absorbers are required by ANSI to limit fall arresting forces well below the OSHA requirement of 1,800 lb. Most shock absorbers manufactured by Guardian keep forces below 900 lb... well below the OSHA limit.

[1]

3 Length

The length of the lanyard is a critical consideration as well. While lanyards vary in length, the standard lanyard is 6 feet long. Shorter and longer lengths can be used if determined safe to use by your Competent Person. Minimizing the free fall distance is a big consideration when selecting the proper length.

Be sure to recognize lanyards marked with the new ANSI Z359 (3.1.8.2) 12 feet as shock absorber deployment is now 60 inches. Grabbing the wrong lanyard can be the difference between striking the lower working surface or not.

4 Connector & Snap Hook Options

Our connector and snap hook options vary as you can see below. These provide you with versatility to get your job done safely. Remember the 3,600 lb. gate rule that ANSI Z359 requires when choosing your lanyard.

Guardian is one of only a few manufacturers that offers an aluminum rebar hook that is 3rd party tested for compliance with the ANSI Z359 standard.

[4]

LANYARD HOOK OPTIONS



[1]



[2]



[3]



[4]



[5]



[6]



[7]



[8]

- [1] Forged Aluminum SH
- [2] Stamped Steel Snap Hook
- [3] Swivel Indicating SH
- [4] Swivel Forged Carabiner
- [5] Forged Pompier Hook
- [6] Stamped Steel Rebar Hook
- [7] Forged Aluminum RH
- [8] Forged Triple Lock Tie-Back Carabiner

** All hooks are High Strength with a 3,600 lb. side load on the gate.*

[3]

TYPES OF LANYARDS

Pack Style Shock Absorbing Lanyards ↘

These are the most common type of lanyards used in the marketplace. Typically, these are common because they are simple to use and easier to inspect than other types of lanyards. These lanyards can come in a variety of styles (web, cable, Kevlar and even rope). The shock absorber can deploy up to 60" depending on the style used.



Tubular Style Shock Absorbing Lanyards ↘

These lanyards are also very popular. They are often lighter weight and can include a "stretch" style version that will expand between 4½ and 6 feet. As with all our lanyards, you can specify your connecting components such as rebar hooks, aluminum snap hooks and many more styles.



Positioning Lanyards ↘

These lanyards are made without shock absorbing properties such as a web lanyard and rebar chain assemblies. These are used as positioning or restraint and eliminate the likelihood of a fall occurring.



Cable & Kevlar Shock Absorbing Lanyards ↘

These lanyards are considered specialty lanyards, offering high cut resistance or heat resistance used for arc flash protection or welding applications. Most of these styles utilize a shock absorbing pack to reduce fall arresting forces.



Extended Free Fall Shock Absorbing Lanyards ↘

These lanyards are specifically designed to be used when the worker is connected to an anchor point located at their feet. For example a Guardian Beamer™. Allowing an extended free fall up to 12' can extend the shock absorber deployment up to 60". Be absolutely sure to consult your company's Competent Person for authorization prior to use.



Tie-Back Shock Absorbing Lanyards (TBL) ↘

For greater versatility for the worker, a TBL can be used when an appropriate anchorage connector is not made available. A Tie-Back Lanyard is the perfect addition to any employee's fall protection system. Be sure to consult your company's Competent Person for authorization prior to use.



Double Leg 100% Tie-off Lanyards ↘

These are lanyards with two separate legs, connected at one end. This allows for continual attachment to an anchor point by the worker. 100% Tie-off Lanyards can be custom made to fit a variety of possibilities.



Rescue Shock Absorbing Style Lanyards ↘

This style of lanyard is becoming more common as more contractors implement rescue plans compliant with the new ANSI standards. These lanyards are used by those typically engaged in specialty tasks where a fall from heights will trigger a precarious rescue situation such as tower or wind turbine erectors.





SHOCK ABSORBING LANYARDS

Shock Absorbing Lanyards ↘

Meeting the stringent requirements of the ANSI .13 standard, Guardian's shock absorbing lanyards limit the average arresting forces to 900 lb. or less. With 1 inch nylon webbing, and a variety of hook options, Guardian's ANSI and OSHA compliant lanyards are a valued selection of any personal fall arresting system.

- 1" Nylon Webbing
- Clear shock absorbing pack for easy inspection
- Always ANSI compliant 3,600 lb. Steel Rebar Snap hooks, Aluminum Rebar Snap hooks, Standard Steel Snap hooks or Standard Aluminum Snap hooks
- 100% of the lanyards meet the ANSI .13 requirements



01220



01217



21214



01231

3'	4'	6'	Description
01214	01215	01220	Shock Absorbing Lanyard – Single Leg w/ Snap Hooks
	01217	01230	Shock Absorbing Lanyard – Double Leg w/ High Strength Snap Hooks
	01218	01231	Shock Absorbing Lanyard – Double Leg w/ High Strength Steel Rebar Hooks & Steel Snap Hook
		21214	Shock Absorbing Lanyard – Double Leg w/ High Strength Aluminum Rebar Hooks & Snap Hook
		01221	Shock Absorbing Lanyard – Single Leg w/ Rebar Hook

NEW

BIG BOSS EXTENDED FF LANYARDS

Part#	Size	Description	Weight
21300	6'	Big Boss Extended Free Fall Lanyard - Single Leg w/ High Strength Snap Hooks & 12' Shock Pack	2.20
21301	6'	Big Boss Extended Free Fall Lanyard - Single Leg w/ HS Snap Hook & Rebar Hook & 12' Shock Pack	2.40
21302	6'	Big Boss Extended Free Fall Lanyard - Double Leg w/ High Strength Snap Hooks & 12' Shock Pack	4.20
21303	6'	Big Boss Extended Free Fall Lanyard - Double Leg w/ HS Snap Hook & Rebar Hooks & 12' Shock Pack	4.60

Big Boss Extended Free Fall Lanyards ↘

When there is no overhead anchorage and your only option is to secure a tie-off at your feet, look to use our Big Boss Lanyard - Extended Free Fall System. It can be used for up to a 12 ft. free fall and this lanyard system will limit the average arresting forces below the 1,350 lb. This new lanyard can also be used as a standard lanyard for workers between 310 lb. to 420 lb.

- Extended Free Fall Lanyards
- 1" Nylon webbing is light & durable
- Clear shock absorber pack for easy inspection
- Standard with 3,600 lb. Steel Rebar or Standard Steel Hook
- Complies with the ANSI .13 Standard



21303



21300



BUNGEE STYLE LANYARDS

Tiger Tail Stretch Lanyards ↘

Our Tiger Tail Stretch lanyard helps to reduce trip hazards by stretching from 4½' to 6'. This lanyard has been tested to reduce fall forces to fewer than 900 lb. The shock pack helps to create one of the most consistent deployment rates of any stretch lanyard on the market.

Shock Absorbing Stretch Lanyards ↘

Our Stretch Lanyards help to reduce trip hazards by stretching from 4½' to 6'. The stretch design lessens the potential of tripping, dragging and snagging during work. Available in many different styles including single leg or double leg for fall arrest and fall restraint.

The sewn in stretch design eliminates the need for a shock pack making this lanyard lightweight and easy to inspect. Compliant with ANSI Z359-2007.



11900



01298



11902



11212

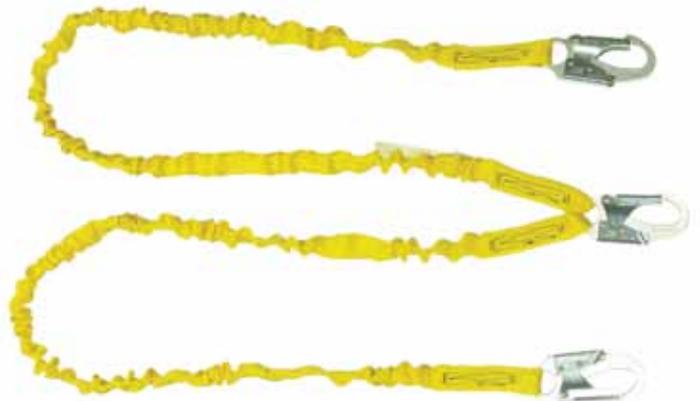
Part#	Size	Description	Weight
11900	4½' - 6'	Tiger Tail Stretch Lanyard – Single Leg w/ Snap Hook	2.30
11901	4½' - 6'	Tiger Tail Stretch Lanyard – Double Leg w/ Snap Hooks	3.90
11902	4½' - 6'	Tiger Tail Stretch Lanyard – Single Leg w/ Rebar Hook	3.00
11903	4½' - 6'	Tiger Tail Stretch Lanyard – Double Leg w/ Rebar Hooks	5.00
01295	4½' - 6'	Shock Absorbing Stretch Lanyard – Single Leg	2.30
01296	4½' - 6'	Shock Absorbing Stretch Lanyard – Double Leg	3.90
01297	4½' - 6'	Shock Absorbing Stretch Lanyard – Single Leg w/ Rebar Hook	3.00
01298	4½' - 6'	Shock Absorbing Stretch Lanyard – Double Leg w/ Rebar Hooks	5.00
11211	4½' - 6'	Stretch Lanyard – Single Leg w/ Black Tube & High Strength Snap Hooks	2.20
11212	4½' - 6'	Stretch Lanyard – Double Leg w/ Black Tube, Rebar Hooks, Snap Hook & D-ring Extender	5.20
11213	4½' - 6'	Stretch Lanyard – Single Leg w/ Black Tube, High Strength Rebar Hook & Snap Hook	2.20

INTERNAL SHOCK LANYARDS

Part#	Size	Description	Weight
11200	6'	Internal Shock Lanyard – Single Leg	2.20
11201	6'	Internal Shock Lanyard – Single Leg w/ Rebar Hook	2.20
11202	6'	Internal Shock Lanyard – Double Leg	3.40
11203	6'	Internal Shock Lanyard – Double Leg w/ Rebar Hooks	4.75
21215	6'	Internal Shock Lanyard – Double Leg w/ High Strength Aluminum Rebar Hooks	4.75



11200



11202



11203



21215

Internal Shock Lanyards ↘

The Internal Shock Lanyard is made with a heavy-duty outer polyester webbing and a polyester core specially sewn in to reduce impact forces. This lanyard does not stretch, and has no shock pack, so it is lightweight.

SPECIALTY LANYARDS

Tie-Back Lanyards ↘

Tie-Back Lanyards eliminate the need for a separate anchorage connector. The adjustable tie-back point allows anchorage size versatility.



Adjustable Lanyards ↘

- Ideal for positioning and restraint situations
- Quickly adjusts from 4 feet to 6 feet
- Available with or without shock absorber



Double & Triple Lock Lanyards ↘

- Available with double or triple locking action carabiner
- Convenient wrap style adjusts in length providing versatility
- Reduced possibility of roll out
- Rugged Monster™ Edge poly webbing



Non-Shock Absorbing Lanyards ↘

- For positioning & restraint only
- Durable nylon webbing
- Allows workers to attach to an anchor point or system with enough length to safely complete the job



* Refer to the next page for part numbers.

Loop Lanyards ↘

Most of our lanyards are available with a loop end. Please refer to price list or call Guardian at **800.466.6385** for more information.

2'	3'	4'	6'	4' - 6'	Description
			01275		Heavy Duty Tie-Back Lanyard
			01289		Non-Shock Absorbing Tie-Back Lanyard w/Adjustable D-ring
			01290		Tie-Back Lanyard – Single Leg w/Adjustable D-ring
			01291		Tie-Back Lanyard – Double Leg w/Adjustable D-rings
			01280		Adjustable Non-Shock Absorbing Lanyard
			01285		Adjustable Shock Absorbing Lanyard
			20091		Adjustable Lanyard – Double Leg w/ High Strength Rebar Hooks
01250	01255	01260	01265		Non-Shock Absorbing Lanyard – Single Leg
	01251	01261	01266		Non-Shock Absorbing Lanyard – Single Leg w/ Rebar Hook
			01270		Non-Shock Absorbing Lanyard – Double Leg
			01271		Non-Shock Absorbing Lanyard – Double Leg w/ Rebar Hooks

SPECIALTY LANYARDS

4 in 1 Lanyard (11520) ↘

The 4 in 1 Lanyard is designed to give the user greater flexibility and safety. The versatile system gives the worker a number of options so that they have the right tool to get the job done safely. Many accidents occur when the user is left no choice but to improvise as they would rather get the job done than climb back down to get additional equipment.

- Complete versatility on the jobsite
- Allows for connection of retractable without attaching two snap hooks to a single D-ring which is a safety violation & against OSHA regulations
- One leg allows for tie-off at the feet; another leg allows to tie back into the lanyard using a 5K triple lock carabiner
- "Y" configuration gives you ability to tie-off 100% of the time
- D-ring extender
- Adjustment for greater flexibility
- 12K webbing for added strength



11520

6' Double Leg Heavy Duty Lanyard (21210) ↘

- 18" Extension with D-ring
- Snap Hook at top
- High Strength Rebar Hooks on legs



21210

Extension Lanyards ↘

Extension Lanyards are attached to the harness before use to lower the lanyard attachment point to waist level. Ideal for workers who cannot comfortably reach the dorsal D-ring on their harness.



01121

6'	4' - 6'	18"	Other	Description
			11520	4 in 1 100% Adjustable Lanyard
21210				Heavy Duty Lanyard - Double Leg w/ High Strength Rebar Hooks
		01121		Extension Lanyard w/ Snap Hook end
		01122		Extension Lanyard w/ Web Loop end
		01205		Shock Pack Extension Lanyard
		01206		Extension Lanyard w/ Shock Pack & Rebar Hook
11730	11830			Double Lock Wrap Lanyard - Single Leg
11740	11840			Double Lock Wrap Lanyard - Double Leg
11750	11855			Triple Lock Wrap Lanyard - Single Leg
11760	11865			Triple Lock Wrap Lanyard - Double Leg

REBAR POSITIONING DEVICES



13'	22'	24'	26'	Description
	01610			Rebar Web Assembly
		01600		Rebar Chain Assembly with Swivel Rebar Hook
01603				Rebar Chain Assembly with High Strength Rebar Hook & High Strength Clevis Pin Snap Hooks
		01605		Rebar Chain Assembly Standard
			01608	Rebar Chain Assembly ANSI Compliant w/ Grade 80 Chain & High Strength Rebar & Snap Hooks
		01609		Rebar Chain Assembly Standard w/ High Strength Snap Hooks

REBAR POSITIONING DEVICES



01600



01608



01609



01610

Rebar Positioning Devices allow workers to lean away from walls while keeping their hands free. Must be accompanied by a harness with side positioning D-rings. Free fall must be limited to under 2 feet if not using a fall arrest system.

Positioning device systems are combinations of equipment which are intended to permit the user to use both hands freely while being supported on an elevated vertical surface as in rebar and concrete form work.

Our 01608 unit is designed to comply with the latest, most stringent A10.32-2004 requirements:

- Chain must be grade 80 & 9/32" or greater
- Overall minimum tensile strength of 5,000 lb.

CABLE & KEVLAR LANYARDS

Cable Lanyards ↘

For use during welding or applications with abrasive edges. Vinyl-coated for additional protection. Cable Shock Absorbing Lanyards are durable and versatile.

Cable Lanyard with Flame Resistant Cover ↘

- Ideal for welding applications
- Removable Flame Resistant cover for safety inspection of shock pack
- Vinyl coated cable for added protection from welding slag or sparks
- Double swaged ends for added safety
- Durable inspection tag for monthly use



Kevlar Lanyard with Shock Cover ↘

The new Guardian Kevlar Lanyard with removable shock pack cover is ideal for use during welding operations. The removable FR cover is essential to make sure the shock pack can be inspected prior to each use and after each use. Abrasive services, UV degradation, and welding slag are the most dangerous types of exposure to any fall protection equipment.

- Durable Kevlar webbing
- Removable Flame Resistant protective cover



Part#	Size	Description	Weight
01240	6'	Cable Lanyard w/ Snap Hook ends	2.50
01241	6'	Cable Lanyard - Double Leg	3.00
01242	6'	Cable Lanyard w/ Rebar Hook end	3.50
01243	6'	Cable Lanyard - Double Leg w/ Rebar Hooks	4.00
01223	6'	Kevlar Shock Absorbing Lanyard w/ Shock Cover	1.00
01245	6'	Coated Cable Lanyard - Single Leg w/ Removable Flame Resistant Cover	4.00
01246	6'	Coated Cable Lanyard - Double Leg w/ Removable Flame Resistant Cover	6.00

NEW

RESCUE MAX LANYARDS



The Rescue Max Lanyard is a system designed by expertly trained rescue personnel. The Rescue Max combines a sturdy rescue ladder within the lanyard itself. When a worker falls, the encapsulated ladder can be either deployed automatically or manually. The unit can also be used to conduct a self rescue when using a controlled descent device similar to the SRK-11 by Tech Safety Lines. The worker can add the rescue ladder to any lanyard configurations by using our 18" Ladder Extension kit.

NEW

RESCUE MAX LANYARDS



20402



20400



20404



20410

Part#	Size	Description
20400	4' - 6'	Rescue Max Self-Deployment Lanyard - Double Leg w/ Carabiner, Rebar Hooks & D-rings
20402	4' - 6'	Rescue Max Self-Deployment Lanyard - Single Leg w/ Carabiner, Snap Hook & D-rings
20403	4' - 6'	Rescue Max Self-Deployment Lanyard - Double Leg w/ Carabiner, Snap Hooks & D-rings
20404	4' - 6'	Rescue Max Auto-Deployment Lanyard - Double Leg w/ Carabiners & Rescue D-ring
20410	4' - 6'	Rescue Max Self-Deployment Lanyard - Double Leg w/ Carabiner, Rebar Hooks & Rescue D-rings
20300	18"	Extension Lanyard w/ 3-Step Manually Deployed Rescue Ladder, Deployment Tab at Snap Hook & 2" D-ring
01130	4½' - 6'	Rescue Lanyard - Double Leg w/ Rebar Hooks & D-rings
01131	6'	100% Tie-off Rope Lanyard - Double Leg w/ Rebar Hooks

NEW

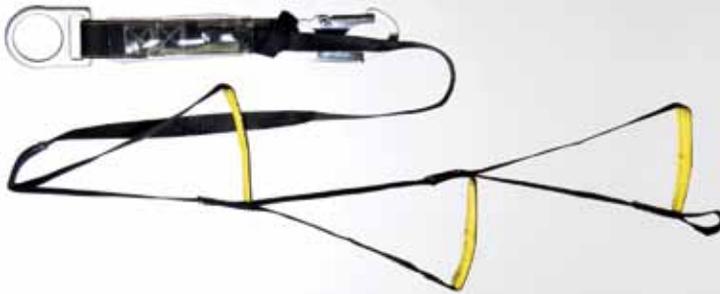
RESCUE & ROPE LANYARDS



01130



01131



20300

Rescue Lanyard with Rescue D-rings (01130) ↘

Our Rescue lanyard helps to reduce trip hazards by stretching from 4½' to 6'. The stretch design lessens the potential of tripping, dragging and snagging during work. Compliant with ANSI Z359-2007.

This ANSI compliant lanyard provides 100% tie-off and comes with Rescue D-rings. The Rescue Lanyard is specifically designed for use when connecting at your feet. The lanyard is 6 feet long with 2¼" gate opening.

100% Tie-off Rope Lanyard (01131) ↘

100% Tie-off Rope Lanyard comes with 3,600 lb. rated snap hooks. It is lightweight, durable and compact. Made from 5/8" Polydac™ rope.

18" Ladder Extension Lanyard (20300) ↘

The 18" Ladder Extension Lanyard allows a worker to add a self-rescuing device to their PFAS. This rescue ladder deploys manually in the event of a fall and allows the worker to either release pressure systemic with suspension trauma or to complete a self rescue entirely which is required in the rescue portion of ANSI Z359-2007.

self-retracting lifelines



Small Web SRL



Daytona Big Block SRL



Medium Cable SRL

self-retracting lifelines

Ways To Use G-Track ↘

Choose your reader method:

- Your existing RFID reader
- Economical USB RFID scanners like “The Stick” that plug into your PC or laptop



- Handheld scanner
 - Base model*
 - Rugged model*
 - Intrinsically Safe model*



Choose from a variety of tracking options:

- Use GFP’s **FREE** Product Inspection Log in Excel format
- Use InfoChip® **FREE** Online Inspection log
- Your company’s existing inspection log

For more information on the reader, handheld devices or software, visit www.infochip.com or call **1.877.747.2448** for more information on the InfoChip® software.

G-Track RFID® ↘

The G-Track provides a durable and unique electronic identification tag that can be scanned into any tracking software including spreadsheets, maintenance systems or lifting industry applications. Instant, accurate information ensures your safety program is on track.

The Guardian RFID program now offers InfoChip® High Frequency RFID chips factory-attached to our family of products. Also available is the new low-cost InfoChip® USB “The Stick” reader that automatically scans your chip ID into any application. This “plug-and-play” reader helps you enjoy the benefits of RFID without the investment typically associated with this technology. It can scan any asset with high frequency chips including fall protection, slings, rigging, etc.

* COMING SOON *

BLOW BLOCKER & DOUBLE BLOW

Part#	Size	Description
11005	7'	Single Blow Blocker Web SRL w/ High Strength Snap Hook
11006	7'	Single Blow Blocker Web SRL w/ High Strength Aluminum Snap Hook
11007	7'	Single Blow Blocker Web SRL w/ High Strength Rebar Hook
11008	7'	Single Blow Blocker Web SRL w/ High Strength Aluminum Rebar Hook
10907	7'	Double Blow Blocker Web SRL w/ Gold Rebar Hook (R) & Silver Rebar Hook (L)
11002	6'	Double Blow Blocker Web SRL w/ High Strength Aluminum Snap Hooks
11003	6'	Double Blow Blocker Web SRL w/ High Strength Rebar Hooks
11004	6'	Double Blow Blocker Web SRL w/ High Strength Aluminum Rebar Hooks

Blow Blocker Web Self-Retracting Lifeline ↘

The new Guardian Blow Blocker is an exciting addition to our line of retractables. The nano of retractables, this 7 ft. retractable is extremely lightweight, fits nicely in your hand and offers the worker safe mobility when using a lanyard type product.

Double Blow Blocker Web Self-Retracting Lifeline ↘

The Double Blow Blocker is a continuation of our product development to offer a variety of retractable lifelines aimed at providing the worker with a versatile, high quality product for an exceptional value. The new Guardian Double Blow Blocker is designed to provide 100% tie-off while decreasing your arresting distance inherent with fall limiters.

- Lightweight system in conjunction with our industry leading 3,600 lb. aluminum rebar hooks
- Super strong housing designed for harsh construction environments
- Left (L) & Right (R) indicators to eliminate the hazard of line entanglement
- Guides for webbing that are specifically designed for use with the retractable providing longer life for the units
- Swivel top feature for better unit mobility
- Disposable unit

The engineers here at Guardian have designed one of the most cost effective double fall limiters on the market today. Block your body and your wallet from a blow today and buy the new Guardian Double Blow Blocker.

BLOW BLOCKER



self-retracting lifelines

BLOCKER WEB RETRACTABLES

DOUBLE
BLOW
BLOCKER



MK EDGE SERIES SRL'S



1 Brake Pawls
The bolts for the MK SRL's pawls are heat treated grade 8 bolts. These bolts are 5 times stronger than stainless steel and are specifically engineered to absorb energy resulting from a fall.



2 Brake Ring
The brake ring is comprised of 100% brass making for an optimum energy absorbing system when engaging our stainless steel brake ring holder. We call this the T-LoK® combination.



3 Ergonomic Handle
The ergonomic handle is designed for comfort and provides the user with the ability to carry the retractable easily.



50'	65'	Description
10917	10918	3/16" MK Galvanized Cable SRL w/ Swivel Top & High Strength Snap Hook
10937	10938	3/16" MK Stainless Steel Cable SRL w/ Swivel Top & High Strength Snap Hook

MK Edge Series Self-Retracting Lifeline ↘

- Stainless steel & aluminum components
- Dual braking mechanism
- Limited nuisance lock up
- Lighter than most competitive models
- Dual-swivel design
- Simple design allows for quick inspection & turn around
- Includes:
 - steel twist-lock carabiner*
 - tag line*
 - swivel top*
 - high strength indicating swivel snap hook*

Snap & Rebar Hooks ↘

- All of our hooks are made with the finest quality materials and workmanship.
- Easy to use one-hand operation
 - Securely attach lanyards or SRL's to anchorages
 - Offer maximum strength of 5,000 lb.

EDGE SERIES SRL's



[1] 11' Web Self-Retracting Lifelines ↘

- Ergonomic frame makes handling more comfortable
- Durable aluminum housing
- Dependable performance
- Stainless steel & non-corrosive components
- New Technora webbing features a Kevlar core
- Quick-action braking system
- Cost effective & priced competitively
- Meets or exceeds all OSHA & ANSI standards
- Can be ordered with rebar hook
- No recertification required: considered a disposable unit

[2] & [3] 20'/25'/30' Web & Cable SRL's ↘

- Compact & lightweight design
- Durable aluminum housing
- Stainless steel & non-corrosive components
- Webbing: nylon
- Cable: 3/16" galvanized cable
- Quick-action braking system
- Cost effective & priced competitively
- Meets or exceeds all OSHA & ANSI standards
- Can be ordered with rebar hook
- Comes with swivel top, carabiner & tag line

[4] G-Link Connector Bracket (11001) ↘

- Constructed of stainless steel & aluminum
- Designed to integrate two (2) SRL's into a single unit
- Easy retractable replacement
- Lightweight system
- Simple design
- Attaches to dorsal D-ring on harness
- Provides 100% tie-off
- Cost-effective

1" Nylon Webbing with Snap Hook & Tag Line

6'	11'	20'	25'	30'	Description
	10900				1" Technora Webbing w/ Carabiner, Swivel Top & Snap Hook
	10901				1" Technora Webbing w/ Carabiner, Swivel Top & Rebar Hook
		10909			1" Technora Webbing w/ Carabiner, Swivel Top, Snap Hook & Tag Line
		10910	10912	10915	3/16" Galvanized Cable w/ Carabiner, Swivel Top, Snap Hook & Tag Line
		10910-AR	10912-AR	10915-AR	3/16" Galv. Cable w/ Carabiner, Swivel Top, HS Aluminum RH & Tag Line
		10930	10932	10935	3/16" Stainless Steel Cable w/ Carabiner, Swivel Top, Snap Hook & Tag Line
10993	10994				G-Link Dual Retractable System with Aluminum Snap Hooks
10996	10995				G-Link Dual Retractable System with Steel Rebar Hooks
10998	10997				G-Link Dual Retractable System with Aluminum Rebar Hooks

HEAVY DUTY EDGE SERIES SRL'S

20'	25'	30'	50'	65'	Description
10908					1" Technora Webbing w/ Carabiner, Swivel Top & Boot Cover
10911	10913	10916			3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover
10921	10923	10926			Heavy Duty 3/16" Galvanized Cable w/ Swivel Top, Snap Hook & Boot Cover
10931	10933	10936			3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover
10920	10922	10925	10927	10928	Heavy Duty SRL w/ HD Shock Pack & Removable Shock Pack Protective Cover

Retractable Protective Boot Cover ↘

- Made of lightweight pliable neoprene
- Helps to prolong the life of your product
- Helps to protect the braking mechanisms when retractables are dropped or tossed onto the ground
- Fasteners & adhesive tape helps keep the protective boot in place in harsh & abusive environments
- Protective label cover helps maintain compliance with the ANSI labeling requirements
- Fits Guardian Edge Series Cable or Web 20'/25'/30' SRL's
- Must be ordered & installed prior to shipment. Cannot be added in the field



Boot Cover

Heavy Duty Edge Series SRL's ↘

The Guardian HD Retractable is designed to be used specifically for Leading Edge work. With an integrated shock pack attached to the cable lifeline, the retractable will keep the arresting forces below 900 lb. while at the same time reducing the amount of impact forces on the cable lifeline itself. The ideal position of a retractable, when used as a part of a PFAS, is directly overhead. Often, contractors will place a retractable on the deck and use it at foot level. Almost all retractables on the market are not allowed to be used in this manner if the worker is exposed to a leading edge hazard.

The integrated shock pack will help to reduce the impact forces of the cable as it comes into contact with the leading edge.



Heavy Duty SRL

Heavy Duty SRL with Boot Cover

* COMING SOON *

NEW

NEW YELLOW JACKET CABLE SRL



1 High Strength



The proprietary ABS housing is supported by an inside steel brace which increases the overall durability of this lightweight retractable.

2 Advanced Technology



The interior brake body is specifically designed to reduce the amount of debris that enters the braking mechanism. The partially sealed brake body helps protect the deceleration components.

3 Lightweight



The Yellow Jacket retractable has been machined and fabricated specifically to reduce the weight of the retractable. The Yellow Jacket retractable is small and compact making it easier to handle.

Part#	Size	Description
10946	10'	Heavy Duty Yellow Jacket Cable SRL w/ Shock Pack
10950	10'	Yellow Jacket Cable SRL w/ High Strength Swivel Snap Hook
10952	10'	Yellow Jacket Cable SRL w/ Aluminum Rebar Hook
10956	10'	Yellow Jacket Cable SRL w/ High Strength Non-Indicating Snap Hook
10957	10'	Yellow Jacket Cable SRL w/ High Strength Indicating Snap Hook

- Compact & lightweight design
- Durable ABS reinforced housing
- High strength composite cable guide
- Stainless steel & non-corrosive components
- Quick-action braking system
- Cost effective & priced competitively
- Meets or exceeds all OSHA & ANSI standards
- Comes with swivel top & carabiner
- Can be ordered with rebar hook
- Retractable is fully repairable

DAYTONA BIG BLOCK SRL



1 Quality

The internal components of this retractable lifeline are comprised of high-end materials. The special coated brake pawl bolts are heat treated, grade 8 and impervious to salt water contamination.



2 Value

Other retractables of this quality are priced at least 20% higher than ours. Guardian's Daytona Big Block brings our distributors and end users a better value than the competition, yet the quality is high-end.



3 Durability

The nylon housing is reinforced with an inner brace. Internal components are made of aluminum, treated steel, and stainless steel parts. Critical parts are machined and void of any plastic components.



50'	65'	Description
10968	10967	Daytona Big Block SRL w/ Nylon Housing & Shock Pack
10979	10980	Daytona Big Block SRL w/ Nylon Housing, SS Cable & Shock Pack

- Priced 20% less than like-in-kind units
- Lightweight & easy to carry
- High strength composite cable guide
- Stainless steel & non-corrosive components
- Quick-action braking system
- Reinforced nylon housing
- Meets or exceeds all OSHA & ANSI standards
- Comes with swivel top, shock pack for leading edge use, carabiner & tag line
- Can be ordered with rebar hook
- Reflective 3M stickers for easy recognition

3-WAY RESCUE & RETRIEVAL SRL



1 Easy Handle

Easy handle feature allows for quick adjustment and movement of the 3-Way Retractable.



2 High Quality

High quality machined parts make up the 3-Way Retractable so that the product is durable and dependable.



3 Proprietary Design

Proprietary design of internal mechanisms have created a cost effective system unlike anything available on the market today.



50'	65'	Description
10974	10981	3-Way Rescue & Retrieval Self-Retracting Lifeline

Guardian is excited to introduce our new 3-Way Confined Space Rescue Retrieval Retractable. To the chagrin of our competitors, and in keeping with our market approach, we are able to bring this unit to market at a considerable savings. Through U.S. machining fabrication and manufacturing, the new 3-Way Retractable provides a dependable alternative to the overpriced systems on the market today.

AARDVARK SERIES CABLE SELF-RETRA

1 Spring Loaded Absorber

The spring loaded absorber limits the redundant locking up of the retractable that can create costly repairs and frustrated employees. This added flexibility makes the retractable easier to use.

2 Steel Framed Housing

The steel plate insert molded into the ultra lightweight housing provides added strength and durability to the retractable. This superior, advanced manufacturing process is cost effective, yet delivers the dependability you require.

3 Triple Locking Device

Our new pawl design creates a backup safety feature so that the retractable will lock up well within ANSI guidelines. The combination of the brass pawls and unique braking mechanisms create an energy absorbing system designed to limit fall arrest forces.



The Aardvark retractable series has been a very popular product line for Guardian. The Aardvark is durable, resilient, and able to handle those tough jobs that other, more expensive retractables just can't. The Aardvark line has now been expanded to include up to an 80' unit. The pricing is exceptional and we will offer a 10% discount guarantee if anyone can match this price from the factory.

- Lightweight
- Durable housing
- Swivel top
- Incorporates RFID Technology
- Cable grip
- Anti-nuisance lock-up feature

self-retracting lifelines

CTING LIFELINES

16'	20'	25'	50'	80'	Description
10989	10984	10985	10987	11009	Galvanized Cable SRL w/ Swivel Top, Swivel Snap Hook & Carabiner

NOW AVAILABLE IN 80 FEET
* BEST VALUE AWARD WINNER *





anchor points

Anchorage connectors are used to connect lanyards, lifelines or self-retracting lifelines to a suitable anchor point. Anchor points must conform to applicable fall protection standards, namely, 5000 lb. strength or twice the expected load. Of all aspects of the fall protection standard, understanding anchor points, their intended load and load transfer to the structure are some of the most commonly misunderstood. It is generally accepted that the OSHA/ANSI 5,000 pound limit is adequate in terms of tensile strength of materials to resist the impact force with which a worker under 310 pounds should not exceed at the end of a six-foot arrested free fall. This statement is based on sections 1926.502(d)(15)(i) and (ii), which state: "Anchorages used for attachment of personal fall arrest equipment shall be ... capable of supporting at least 5,000 pounds (22.2 kN) per employee attached, or shall be designed, installed, and used ... as part of a complete personal fall arrest system which maintains a safety factor of at least two; and under the supervision of a Qualified Person."

What Is A Qualified Person?

The responsibility to select the structure that will serve to absorb the terminal forces of an arrested fall shall fall on the shoulders of the Qualified Person (QP). How does an employer designate an employee as a Qualified Person? OSHA defines a Qualified Person (1926.32) as "One who, by possession of a recognized degree, certificate or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated the ability to solve or resolve problems relating to the subject matter, the work or the project." It may not be a position requiring a state engineer's license, but it must be filled by one who has "extensive" and "demonstrable" qualifications.

BEAMER™ SERIES ANCHOR POINTS



Beamer™ 2000

Minotaur

Fits up to 30" beam

NEW

DON'T FORGET TO ORDER YOUR NEW ANSI .13 COMPLIANT LANYARD

Part#	Description	Flange Size	Flange Thickness	Flange Use	Weight
00101	Beamer™ 2000	3½" - 14"	Up to 1¼"	Top or bottom	4.00
00103	Beamer™ 2000	6" - 16"	Up to 1¼"	Top or bottom	4.00
00106	Minotaur	12" - 30"	Up to 2½"	Top or bottom	7.00

Beamer™ 2000 Anchor Point ↘

- Designed specifically for use at your feet & overhead
- When used at foot level, Big Boss Extended Free Fall Lanyard (page 47) must be used
- Nylon bushings provide smooth movement along beam & act as an impact indicator in the event of a fall
- Reusable & extremely durable
- Ratcheting end piece
- Lightweight
- Slides easily in both directions
- Welding spatter does not stick to aluminum bar
- No tools are needed for fast installation
- Precision machined aluminum bar
- One-handed operation

Minotaur Anchor Point ↘

The Minotaur Anchor point, one of the newest anchor points being launched by Guardian Fall Protection, functions much like the new Beamer™ 3000 in that it is lightweight in construction, features dual adjustability with superior strength and fits a much larger beam than anything out on the market today. The Minotaur adjusts from a 12" wide beam all the way up to a 30" beam.

BEAMER™ 3000

NEW



1 Lightweight

The Beamer™ 3000 weighs 25% less than her sister, the Beamer™ 2000, making this one of the lightest beam anchors on the market today.



2 ANSI Z359.13 Compliant Lanyard

When used with the ANSI Z359.13 compliant Extended Free Fall Lanyard, the Beamer™ 3000 provides a system that meets the requirements by the standard.



3 Adjustability

The new dual adjustment gives the worker the ability to adjust the Beamer™ 3000 to its ideal position. It utilizes many of the industry leading features of the Beamer™ 2000, but adds a lighter weight option with more adjustability.



DON'T FORGET TO ORDER NEW YOUR ANSI .13 COMPLIANT LANYARD

Part#	Description	Flange Size	Flange Thickness	Flange Use	Weight
00104	Beamer™ 3000	3½" - 14"	Up to 1¼"	Top or bottom	3.00

Beamer™ 3000 Anchor Point ↘

The Beamer™ 3000 is Guardian's newest addition to its wide range of beam anchors. It combines many of the features of the Beamer™ 2000 with some new ones:

- Dual adjustment
- Easy slide system
- Fixed D-ring centered between adjustment points
- Lighter weight than Beamer™ 2000
- ANSI compliant system when used with an ANSI Z359.13 Big Boss Extended Free Fall Lanyard

BEAMER™ SERIES ANCHOR POINTS

Part#	Description	Flange Size	Flange Thickness	Flange use	Weight
00110	Beamer™ BMR 12 - 1	4½" - 12"	Up to 1"	Top or bottom	3.50
00120	Beamer™ BMR 18 - 2	8" - 18"	Up to 2"	Top only	4.00
00133	Beamer™ BMR 24 - 2	12" - 24"	Up to 2½"	Top only	5.00
00140	Vertical Beamer™	3" - 12"	Up to 1"	Top or bottom	8.00
00125	Beamer™ BBC	8" - 18"	Up to 2½"	Top or bottom	4.00
00127	Beamer™ BBC	8" - 18"	2½" To 4"	Top or bottom	4.00
00130	Beamer™ BBC	12" - 24"	Up to 2½"	Top or bottom	5.00
00135	Beamer™ BBC	12" - 24"	2½" To 4"	Top or bottom	5.00
00134	Beamer™ Pin				1.00



Beamer™ BMR Series ↘

- BMR-12 for use on top or bottom flange of an "I" or "H" beam
- BMR-18 & BMR-24 for top flange of an "I" or "H" beam only
- Will accommodate SRL when used on the bottom of an overhead beam
- Lightweight
- Slides easily in both directions

Beamer™ BBC Series ↘

- For use on top or bottom flange of an "I" or "H" beam
- Will accommodate SRL when used on the bottom of an overhead beam

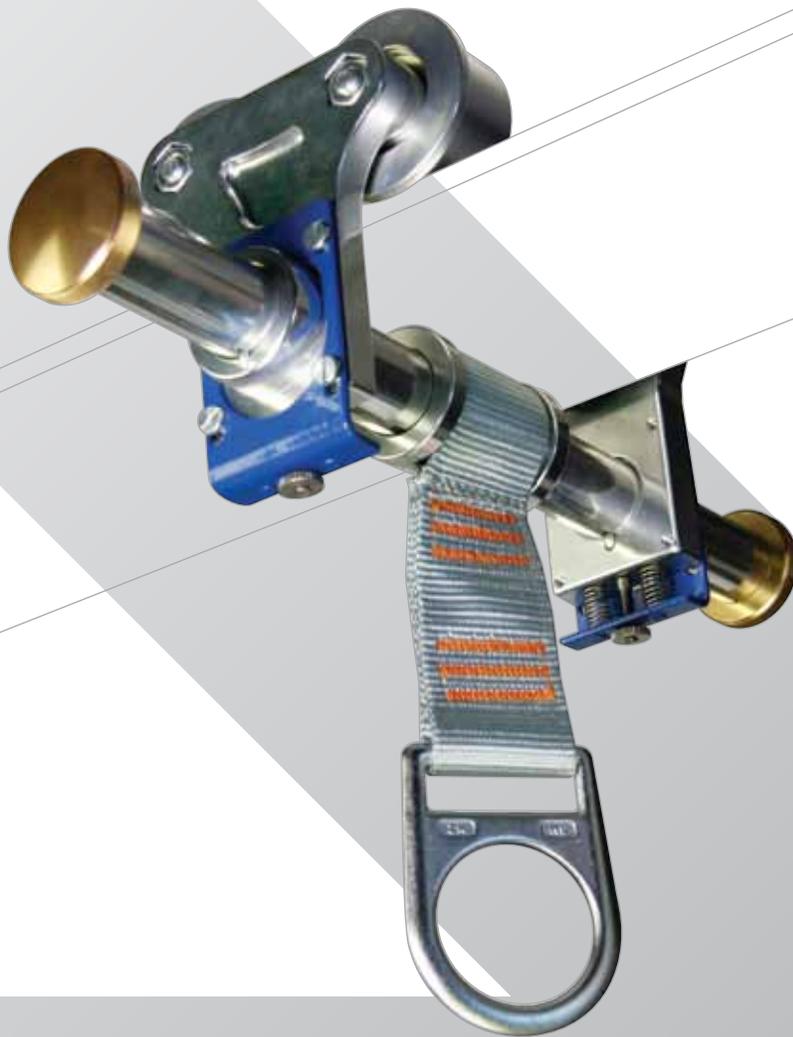
Vertical Beamer™ (00140) ↘

- Stationary attachment point for an I or H beam
- Lightweight
- Attaches to vertical, angled or horizontal columns
- Attaches by hand tightening with no tools required
- Can accommodate a retractable
- Will accommodate vertical & horizontal cable lifelines



BMR TROLLEY ANCHOR

Part#	Description	Flange Size	Flange Thickness	Flange Use	Weight
00215	BMR Trolley Anchor	3" - 10"	0.9"	Bottom only	7.70



BMR Trolley Anchor (00215) ↘

The BMR Trolley Anchor is to be used as part of a personal fall protection system. It is intended to be used as an anchorage point with either a shock-absorbing lanyard or a self-retracting lifeline (SRL) for fall arrest, or with a positioning lanyard for fall restraint.

This unit should not be used for material handling or any use other than that of a fall protection anchorage device. Only one person may use the BMR Trolley Anchor at a time with a combined weight (including tools and other equipment) of 310 lb.

- Free moving rollers
- Web/D-Ring connection point
- Easy pin adjustment
- Cannot be used for material handling
- Spring Material: Stainless Steel
- Load Bar Material: Aluminum Alloy 7075-T6
- Clamps (Jaws): Aluminum Alloy 7075-T6
- D-Ring Material: Steel Alloy SAE4140-Nickel Plating
- Webbing Material: Polyester
- Minimum Breaking Strength: 3,300 lb. (15 kN)

COMMERCIAL ANCHOR POINTS

Part#	Size	Description	Application	Weight
00610	2½" Diameter	CB-1-W	Weld-On Steel	0.70
00600	6" x 6" Base	CB-1-B	Bolt-On Steel/Concrete	4.10
10685	6" x 6" Base	CB-1-B Galvanized Backer Plate	Sandwich Beam or Column	3.60
00360	¼" x 2" x 4¼" Plate	D-Ring 2 Hole Anchor Plate	Bolt-On/Weld-On	3.00



D-Ring 2 Hole Anchor Plate ↘

- Bolt or weld to structure
- Two ½" attachment holes
- Stainless steel
- Plate size ¼" x 2" x 4¼"

CB-1-W ↘

- Weld on steel application
- Temporary anchor point
- Permanent application permissible if user applies appropriate finish
- Forged steel D-ring

CB-1-B ↘

- Permanent or temporary anchor point
- Can facilitate a horizontal lifeline system
- Powder coated for corrosion protection
- Available in stainless steel
- Available with a backer plate for use on a beam or structure capable of withstanding 5,000 lb.
- Fasteners not included

3'	4'	6'	8'	10'	12'	15'	20'	30'	Description
01640	01630	01620							Cross Arm Strap w/ Loop end
		01625							Cross Arm Strap w/ Large & Small D-rings
10785	10786	10787	10788	10790	10791	10792	10793	10794	Premium Cross Arm Strap w/ Large & Small D-rings
10400	10401	10402							Galvanized Cable w/ Thimble ends
10410	10411	10412							Galvanized Cable w/ 2½" & 3" O-ring ends
10420	10421	10422							Galvanized Cable w/ 3" O-ring & Snap Hook ends
10430	10431	10432							Galvanized Cable w/ Snap Hook ends
10440	10441	10442							Vinyl Coated Galvanized Cable w/ Thimble ends
10450	10451	10452	10453	10454					Vinyl Coated Galvanized Cable w/ 2½" & 3" O-rings
10460	10461	10462							Vinyl Coated Galv. Cable w/ 3" O-ring & Snap Hooks
10470	10471	10472							Vinyl Coated Galvanized Cable w/ Snap Hooks



Cross Arm Strap



Premium Cross Arm Strap



Cable Anchorage Sling

Cross Arm Straps ↘

Cross Arm Straps are durable anchorage connectors for many applications. Features include a pass-thru loop end design for easy use. To shorten the anchorage connector simply wrap the webbing around the anchorage and pass through the loop end. Cross Arm Straps are convenient end points for use with horizontal lifeline systems.

Premium Cross Arm Straps ↘

The Premium Cross Arm Straps are twice as durable with dual enforced webbing and heavy duty stitching. The heavy duty wear pad protects the structural webbing against abrasion and snags. The Premium Cross Arm Strap features a large D-ring and standard size D-ring for pass-thru, thus increasing the versatility of length adjustment. To shorten the anchorage connector simply wrap the webbing around the anchorage and pass through the large D-ring.

Cable Anchorage Sling ↘

Galvanized steel 5/16" wire Cable Anchorage Slings are used by looping around a beam or anchorage and connecting ends using a carabiner. This convenient anchor point is durable and easy to use. While the cable resists wear around sharp edges, a coated cable is available to protect anchorage surfaces. End point options provide solutions for all your hardware and connection needs.

CONCRETE ANCHOR POINTS

5K Concrete Anchorage Connector ↘

- Used in concrete substrate only
- Applications include: fall protection, restraint, work positioning
- Bright yellow tubing
- 3/4" hole diameter, 3" deep minimum
- Keep hole 6" from edge
- Substrate must be at least 12" thick
- Maximum capacity: 400 lb.
- Ultimate breaking strength: 5,000 lb.



5K Multi-Use Concrete Anchorage Connector ↘

- Can be used in either concrete or rock substrate
- Applications include: staging, rigging, tie-back, lifting, high access, scaffolding, demolition
- Do not use for fall protection
- Galvanized steel thimble
- 3/4" hole diameter, 3 1/2" deep minimum
- Keep hole 6" from edge
- Substrate must be at least 5" thick
- Safe working load: 1,000 lb.
- Ultimate breaking strength: 5,000 lb.



10K Concrete Anchorage Connector ↘

- Used in concrete substrate only
- Applications include: fall protection, restraint, work positioning
- Can be placed in Horizontal & Vertical surfaces, Overhead/Ceiling surfaces + Horizontal & Vertical lifelines
- Bright yellow thimble
- 1" hole diameter, 4 1/2" deep minimum
- Keep hole 10" from edge
- Substrate must be at least 10" thick
- Maximum capacity: 400 lb.
- Ultimate breaking strength: 10,000 lb.



10K Multi-Use Concrete Anchorage Connector ↘

- Can be used in either concrete or rock substrate
- Applications include: staging, rigging, tie-back, lifting, high access, scaffolding, demolition
- Do not use for fall protection
- Galvanized steel thimble
- 1" hole diameter, 4 1/2" deep minimum
- Keep hole 10" from edge
- Substrate must be at least 10" thick
- Safe working load: 2,000 lb.
- Ultimate breaking strength: 10,000 lb.



Part#	Description	Weight
00235	5K Concrete Anchorage Connector	0.50
00236	10K Concrete Anchorage Connector	0.80
00284	5K Multi-Use Concrete Anchorage Connector	0.50
00285	10K Multi-Use Concrete Anchorage Connector	0.80

Concrete Anchorage Connectors are developed for both fall protection and multi-use. Well known for their safety, speed, and versatility, Concrete Anchors can be removed and reused at any desired location.

- Easy installation – just compress spring & insert cable shaft into the hole
- Constructed of non-corrosive materials
- Designed for single user connection or Horizontal Lifelines
- Reusable & temporary
- Can be placed in:
 - Horizontal surfaces*
 - Vertical surfaces*
 - Overhead/Ceiling surfaces*



CONCRETE / MINING ANCHORS



00365



00283

Precast Hollow Core Concrete Anchor ↘

- Can be used in either concrete or steel substrate
- Applications include: fall protection, restraint, work positioning
- Bright yellow tubing
- 3/4" hole diameter
- Core wall must be 1 1/2" thick & hole must be 6" from any corner or edge
- Steel flange must be at least 1/4" thick & hole must be 1 1/2" from any corner or edge
- Maximum capacity: 400 lb.
- Ultimate breaking strength: 5,000 lb.

2,600 lb. Concrete Anchorage Connector ↘

- Can be used in either concrete or rock substrate
- Applications include: rigging, high access, work positioning & restraint
- Do not use for fall protection
- Bright yellow tubing
- 1/2" hole diameter, 2" deep minimum
- Keep hole 6" from edge
- Substrate must be at least 3" thick
- Safe working load: 500 lb.
- Ultimate breaking strength: 2,600 lb.



00281

Mining Anchorage Connector ↘

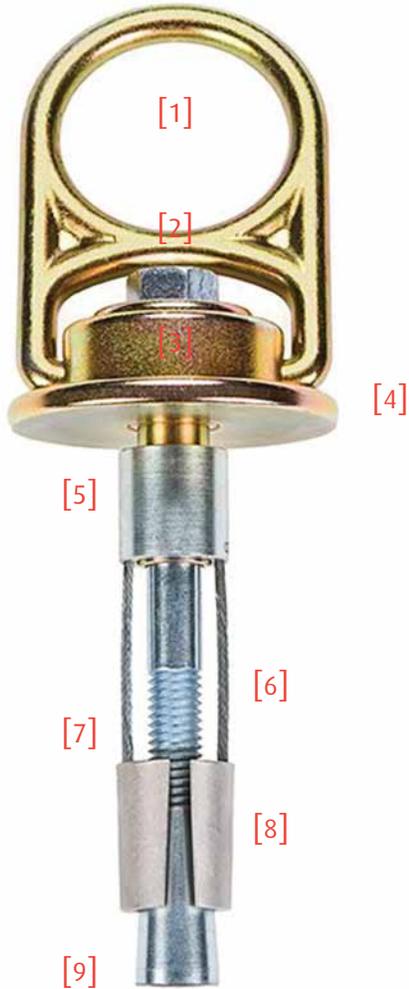
This portable friction rock bolt anchorage connector is used for underground mining and tunneling. It inserts directly inside friction rock bolts. Available in 39 mm and 47 mm for either fall protection or multi-use.

- Used in friction rock bolt only
- Applications include: fall protection, restraint, work positioning
- Bright yellow thimble
- Maximum capacity: 400 lb.
- Ultimate breaking strength: 10,000 lb.

Part#	Description	Weight
00281	Mining Anchorage Connector	1.40
00282	Multi-Use Mining Anchorage Connector	1.40
00365	Precast Hollow Core Concrete Anchor	0.50
00283	2,600 lb. Concrete Anchorage Connector	0.20

NEW

HYBRID MEGA SWIVEL ANCHOR



The Hybrid MEGA Swivel Anchors utilize combined technology of MEGA Swivel and Concrete Anchors. The patent pending key lock design keeps the D-ring seated and locked into its swivel housing, preventing the steel from spreading outward during heavy loads.

- Applications include: fall protection, horizontal lifeline systems, tie-back, staging & rigging
- Material: drop forged alloy steel
- Hardware for concrete: custom designed bolt (3,000 psi)
- Rated for 4 men HLL systems (10K only)
- Rotates 360° degrees
- Flips 180° degrees
- Certifications: ANSI Z359.1

10K Hybrid MEGA Swivel Anchor ↘

- Used for concrete substrate only
- Safe working load: 2,000 lb.
- Ultimate breaking strength: 10,000 lb.
- Maximum capacity: 400 lb.

5K Hybrid MEGA Swivel Anchor ↘

- Used for concrete substrate only
- Safe working load: 1,000 lb.
- Ultimate breaking strength: 5,000 lb.
- Maximum capacity: 400 lb.

Part#	Description	Weight
00286	10K Hybrid MEGA Swivel Anchorage Connector	2.00
00287	10K Multi-Use Hybrid MEGA Swivel Anchorage Connector	2.00
00290	5K Hybrid MEGA Swivel Anchorage Connector	1.50
00291	5K Multi-Use Hybrid MEGA Swivel Anchorage Connector	1.50

- [1] D-Ring
- [2] Hex Head Bolt
- [3] Mega Swivel
- [4] Base Plate
- [5] Hole Plug
- [6] Return Wires
- [7] Bolt
- [8] Spoons
- [9] Expander Cone

NEW

MEGA SWIVEL ANCHOR



1 Backer Plate

- Expansion range is from 1" to 14"
- Drill your hole straight into the substrate so the bolt can freely slide all the way through the substrate
- Nut must be fully threaded on bolt to ensure maximum strength ratings and integrity of anchor
- Nut torque must be 40 - 50 ft. lb.

2 Swiveling Attachment

The new MEGA Swivel Anchor is ideal for metal decking applications where you need a fast and easy way to provide a fall arrest or restraint anchor for your workers. The anchor incorporates a 360° degree swiveling attachment point to eliminate side loading of your snap hook.

3 Cable Anchor Plate (00516)

- Consists of a 4" x 6" steel plate & swaged cable termination
- Max Capacity: 5,000 lb. / 22kN
- Compliant with ANSI Z359.1 standard
- For fall protection only
- Can be placed in overhead/ceiling surfaces only
- Custom lengths are available

- Rated for 4 men HLL systems
- Rotates 360° degrees
- Flips 180° degrees
- Used for steel flanges or concrete substrate
- Safe working load: 2,000 lb.
- Ultimate breaking strength: 10,000 lb.
- Material: drop forged alloy steel
- 10K MEGA Swivel Anchor weight: 2.00 lb.
- 5K MEGA Swivel Anchor weight: 1.50 lb.

10K	5K	Other	Description
00231			Replacement Steel Bolts – 5/8" x 2" SAE Grade 8
		00234	MEGA Swivel Anchor Backer Plate
00237	00292		MEGA Swivel Anchor for Steel
00238	00293		MEGA Swivel Anchor for Concrete
00239			MEGA Replacement Concrete Bolts – 3/4" x 5" SAE Grade 5
	00294		MEGA Replacement Steel Bolt – 316 1/2" x 4"
	00295		MEGA Replacement Steel Bolt – 304 SS 1/2" x 4"
	00296		MEGA Replacement Steel Bolt – SAE Grade 8
	00297		MEGA Replacement Concrete Bolt – 316 1/2" x 4 3/4"
	00298		MEGA Replacement Concrete Bolt – 304 SS 1/2" x 4"
	00299		MEGA Replacement Concrete Bolt – SAE Grade 8
		00251	Weld-On Puck
		00516	Cable Anchor Plate

NEW

CONCRETE SWIVEL ANCHOR

Part#	Description
00241	Swivel Concrete Anchor Bolt – HSL-3-B M12/5
00242	Swivel Concrete Anchor Kit (includes 00241)
00243	Swivel Concrete Anchor Bolt (5 Pack) – HSL-3-B M12/5
00244	Swivel Concrete Anchor Bolt (12 Pack) – HSL-3-B M12/5

Concrete Swivel Anchor ↘

- Has a visual indicator that allows the user to see that the anchor is hooked up properly: the red cap will break off & green will appear once the proper torque is reached
- Sturdy design of high strength plated steel & stainless steel makes the anchor capable of working in a wide variety of rough environments
- Rotates 180° degrees
- Meets or exceeds all applicable OSHA & ANSI standards

Applications ↘

Perfectly suited for temporary or permanent applications. The reusable D-ring Assembly only requires you to install a new bolt.

Installation ↘

- Drill the hole $\frac{3}{4}$ " \varnothing & 4 $\frac{3}{8}$ " deep
- Blow hole clean with compressed air
- Use a hammer to drive the Swivel Concrete Anchor into the hole. The D-Ring bracket should be seated firmly against the concrete. Do not expand the anchor bolt by hand before completing installation
- The concrete substrate must be at the minimum of 6 $\frac{1}{4}$ " thick & the drilled hole must be at least 15" from any free edge
- Minimum spacing is 10" for multiple anchor installation
- Can be used with lanyard, SRL or HLL



Proper torque
NOT REACHED



Proper torque
REACHED

Weight:	1.2 lbs
Dimensions:	5.73" (L) x 3" (W) x 4 $\frac{1}{2}$ " (H)
Weight capacity:	310 lbs
Minimum breaking strength:	5,000 lbs
Minimum compression strength:	3,000 psi
Hole size for installation:	11/16", $\frac{3}{4}$ " hole (no special drill bits are needed)
The D-ring Bracket:	Zinc plated steel
The D-ring:	Forged alloy steel

COMMERCIAL ANCHOR POINTS

D-Bolt Forged Anchorage Connectors ↘

Designed as the intermediary for securing a connecting device to an anchorage point.



00370



00373

Railmaster™ ↘

- Designed for extended free fall
- Glides easily along most US 30-175 # crane / train rails
- Lightweight & portable
- Durable, weatherproof, zinc coated
- Installs instantly without tools
- Patented product



Bolt Hole Anchor ↘

- Reusable 5,000 lb. anchor point
- Can incorporate HLL
- Easy to install
- May be used with SRL's
- No tools needed
- Can be used vertically or horizontally
- Fits holes 3/4" to 1 1/4"
- Squeeze to twist lock, release to activate lock



Part#	Description	Hole	Weight
00370	D-Bolt Forged Anchorage Connector (does not include bolt)	1/2"	3.50
00371	D-Bolt Forged Anchorage Connector (does not include bolt)	5/8"	3.50
00372	D-Bolt Forged Anchorage Connector (does not include bolt)	3/4"	3.50
00373	D-Bolt Forged Anchorage Connector (includes 1 1/2" long integrated 9/16" bolt, nut & lock washer)	9/16"	3.50
00200	Railmaster™ w/ Attached 01200, SS60 Heavy Duty Lanyard		5.00
00205	Railmaster™ - No Lanyard		4.00
00210	Railmaster™ Pin Assembly Replacement		1.20
00230	Bolt Hole Anchor		

NEW

ACE CONCRETE ANCHOR POINT

Part#	Description	Weight
15040	Ace Concrete Anchor Point	3.00



1 Anchor Kit

The Ace Concrete Anchor Point comes complete and is easily installed by nailing to framework.



1 Versatility

The Ace Concrete Anchor Point can be installed for use with lanyards, vertical lifelines and retractables. Not designed for Horizontal Lifeline use.



1 Cover Plate

Designed to protect the anchor point while not in use. By removing the cover plate the anchor point is easily accessible.



Ace Concrete Anchor Point ↘

The Ace Concrete Anchor is ideal for poured in place concrete. The Ace Concrete Anchor can be specified into architectural drawings prior to the start of a building. This inexpensive, single anchor point attachment is ideal for use by building trades during the construction phase as well as being utilized by facility maintenance crews down the road.

- Meets or exceeds all applicable ANSI & OSHA standards
- Inexpensive
- Easy to install
- Durable
- Requires 3000 psi concrete

Part#	Size	Description	Weight
00260	6' 7" x 5' 2"	Angel Anchor System	575.00
00380		Skyhook™ Swivel Top*	7.00
10925	30'	Heavy Duty Leading Edge Self-Retracting Lifeline*	17.00
10927	50'	Heavy Duty Leading Edge Self-Retracting Lifeline*	21.00
10928	65'	Heavy Duty Leading Edge Self-Retracting Lifeline*	27.00
04628	60'	Polyester Horizontal Lifeline*	16.00

* Not included with Angel Anchor System.



ANGEL ANCHOR SYSTEM

- Our new 3-piece spine allows for easy transport & assembly
- Corrosion resistance for long life
- Suitable for use with SRL's conforming to ANSI Z359.1
- Can be used on roofs up to a 5° degree slope
- Single tie-off point
- Attach two (2) Angel Anchors with our 60 ft. Rope HLL (04628) & provide fall restraint for up to two (2) workers
- Versatile, non-penetrating, free standing unit
- Anti-skid pads on bottom of base plates
- Each weight has an attached handle
- Each plate weighs 45 lb.
- For Leading Edge work, use Guardian HD Leading Edge SRL's
- Does not include Skyhook™ Swivel Top, HLL or SRL's
- Designed for use by persons with the combined weight (tools, clothing, etc.) of no more than 310 lb.
- Personal Fall Arresting Systems used with this equipment must be rigged to limit a free fall of no more than 6 feet as per ANSI Z359.1.
- Minimize the risk of swing falls by working as close to the anchorage point as possible. Do not permit a swing fall or injury could occur.
- It is the responsibility of the user and the purchaser of this equipment to ensure that they are familiar with these instructions, trained in the correct care and use of, and are aware of the operating characteristics, application limits, and the consequences of improper use of this equipment.

TRENCH BOX ANCHOR POINT

Part#	Description	Weight
15192	Trench Box Anchor Point	72.00
15193	Trench Box Anchor Guardrail Receiver	15.00



1 Tie-off Point

Tie-off point for use with retractable lifeline or lanyard. Makes climbing up and down ladders much safer.



2 Easy Adjustability

Easy adjustability allows the system to fit 90% of the trench boxes used in the market.



3 Guardrail Attachment

Simple guardrail attachment enables the system to provide perimeter protection for those workers around the top of the trench box.

The only trench box anchor point and guardrail system available on the market today. In collaboration with American Infrastructure and their safety team, Guardian Fall Protection helped bring to market an anchor point and guardrail system designed for the trench and shoring market. Whether working above the ground or below, OSHA standards require that employees are protected from falls and leading edge hazards.

- Fully adjustable to fit trench boxes with walls up to 10.2" thick
- Solid steel structure to withstand harsh jobsite environments
- 3-part configuration to make transportation easy & safe
- Adjustable single point tie off for SRL's while climbing up & down ladders
- Guardrail receiver is also available to integrate a guardrail system

COMMERCIAL ANCHOR POINTS

Part#	Description	Weight
00250	Standing Seam Roof Clamp	33.50
00255	Screw-Down Metal Roof Anchor	14.75
10600	Two-Way Universal Standing Seam Clamp	5.00
10975	Retractable Swivel Adaptor	2.00



10975



00255

Screw-Down Metal Roof Anchor (00255) ↘

- Designed for use with retractable lifelines*
- 10" x 12" base plate with 7½" post
- Reusable, temporary anchor point
- Mounts to flat wood or metal roofs
- Allows retractable to rotate 360° degrees
- Fits most retractable lifelines up to 50'
- Wood/Metal fasteners provided
- If using 50' or 65' SRL, must be used with the Retractable Swivel Adaptor (10975)

Two-Way Universal Standing Seam Clamp (10600) ↘

- Lightweight, reusable, easy to use
- Durable, all steel construction with zinc electroplate finish
- Unique, reversible design allows for seams up to 1" wide
- MR-24, VSR or similar profiles can be covered with one clamp

Standing Seam Roof Clamp (00250) ↘

- Designed for use with retractable lifelines*
- Reusable temporary anchor point
- Pinch mounts to standing seams
- Legs adjust 24"– 36" to fit seam spacing
- Fits most retractable lifelines up to 50'
- Allows retractable to rotate 360° degrees



10600



00250

GAP ANCHOR POINT

1 Durability

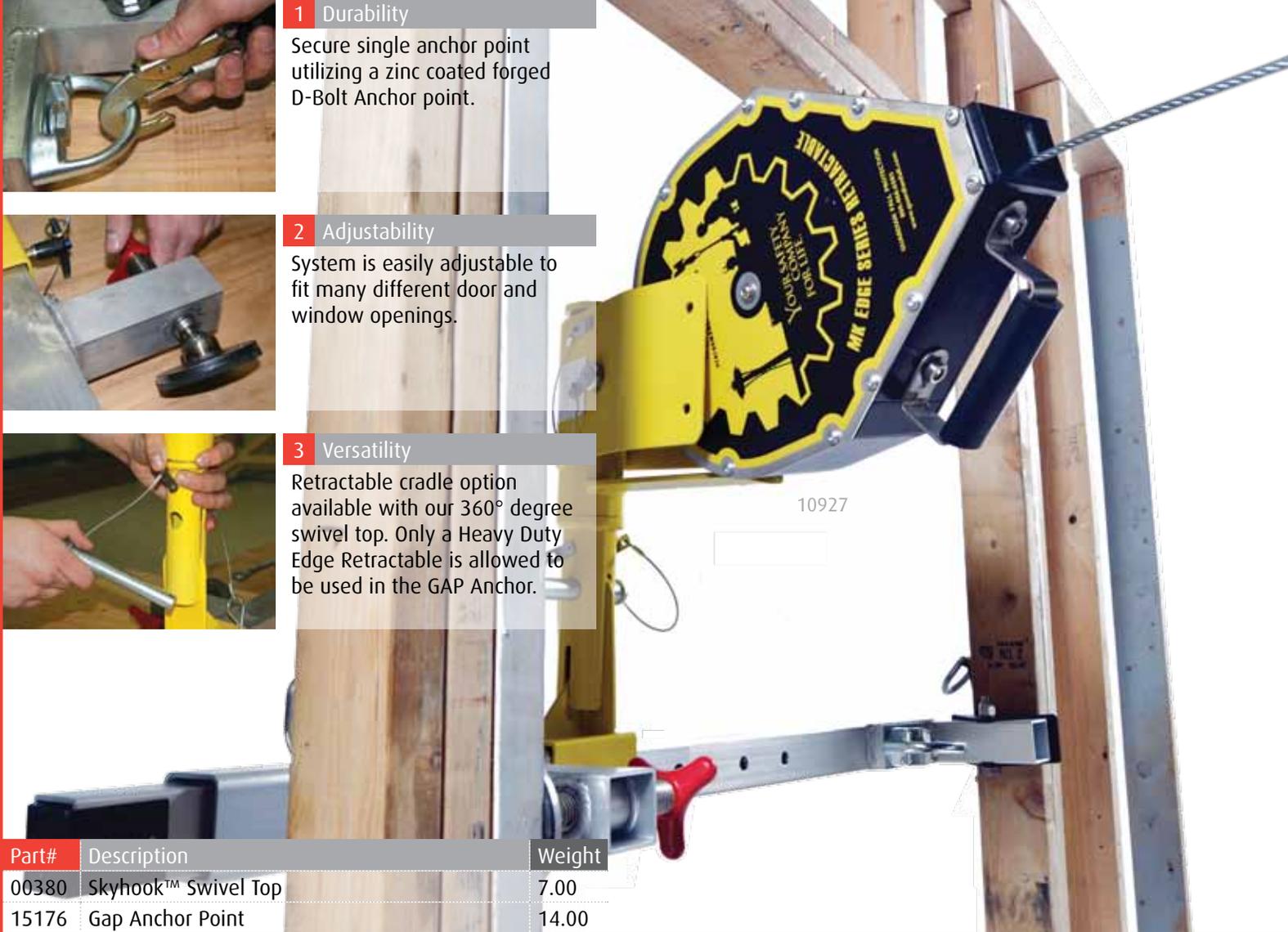
Secure single anchor point utilizing a zinc coated forged D-Bolt Anchor point.

2 Adjustability

System is easily adjustable to fit many different door and window openings.

3 Versatility

Retractable cradle option available with our 360° degree swivel top. Only a Heavy Duty Edge Retractable is allowed to be used in the GAP Anchor.



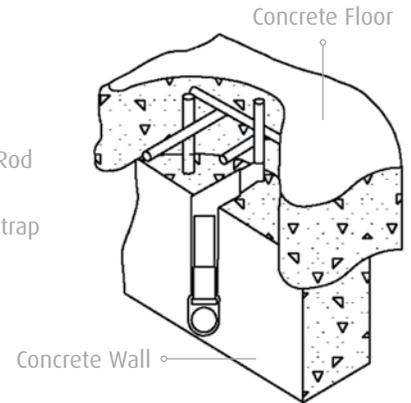
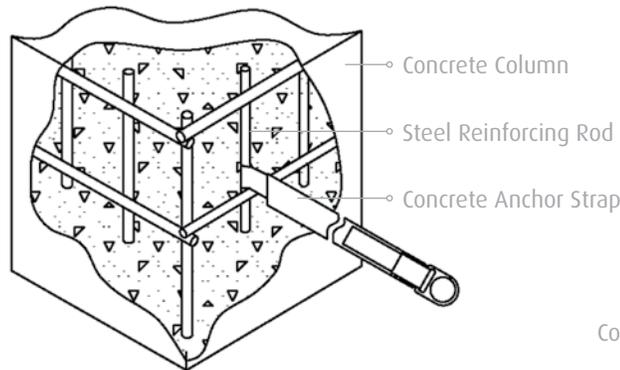
Part#	Description	Weight
00380	Skyhook™ Swivel Top	7.00
15176	Gap Anchor Point	14.00

The new and improved GAP Anchor was designed to create greater versatility when the need to tie off inside the interior of a building or window opening also requires the use of a self retracting lifeline. The lightweight and fully adjustable system creates an anchor point that enables the most difficult jobs to get done safely and with confidence.

- Made of lightweight aluminum
- Single point tie-off
- Optional retractable cradle that swivels 360° degrees
- Only HD Edge SRL's (page 64) are allowed to be used
- Secure bracing system for added stability
- Designed for only one worker
- Fits doorways & window openings from 24" to 51"

CONCRETE ANCHOR STRAPS

3'	4'	6'	Description
10705			White Concrete Anchor Strap w/ Loop & D-ring ends
10710	10715	10717	Concrete Anchor Strap w/ Loop & D-ring ends & Protective sheathing
	10720		Concrete Anchor Strap w/ Loop ends



10705



10710



10720

Concrete Anchor Straps ↘

Guardian offers the most extensive line of concrete anchor straps available in the market today. Guardian Fall Protection can custom design and fabricate concrete strap anchors to meet your needs.

A versatile product, concrete anchor straps are gaining in popularity as an inexpensive anchor solution. As a disposable anchor point, our straps can be used in other applications such as wood framing members, rebar, pipe racking, etc. As always, make sure that your anchor strap is attached to a structure capable of supporting 5,000 lb. For questions, please call **800.466.6385**.

10705 can be used as a cross-arm strap in residential construction.

10710 / 10715 / 10717 is sheathed in heavy-duty nylon webbing to protect the inner core webbing from abrasion and wear. The concrete anchor strap is good for one use and must be cut off when the job is complete.

10720 is ideal for use where the metal D-ring can damage glass or other fragile materials.

SKYHOOK™ & SKYHOOK™ SWIVEL TOP

Part#	Description	Pitch	Weight
00300	Skyhook™	Flat	7.00
00310	Skyhook™	1/12 - 3/12	7.00
00320	Skyhook™	4/12 - 6/12	7.00
00330	Skyhook™	7/12 - 9/12	7.00
00340	Skyhook™	10/12 - 12/12	7.00
00342	New Adjustable Skyhook™	Flat - 12/12	7.00
00380	Skyhook™ Swivel Top		7.00

10 FT.
FROM
EACH
EDGE

MAXIMUM
SPACING
BETWEEN
SKYHOOKS



Skyhook™ Swivel Top ↘

- Mounts on top of the Skyhook™
- Easy installation
- Swivels 360° degrees
- Removable and reusable bolt-on application
- Cost effective accessory to the Skyhook™
- Great for first-worker-up system
- Does not include Skyhook™ or retractable

New Adjustable Skyhook™ ↘

- Can adjust from flat to 12/12 roof pitch
- For use on 3/4" CDX plywood or better
- Has 360° Swivel D-ring
- Powder-coated for a durable weather proof finish

Skyhook™ ↘

- Patented permanent anchor point for:
wood: 3/4" CDX plywood or better
metal: 20 gauge or thicker
- Powder-coated for a durable weather proof finish



SKYMAST SKYHOOK™ & SKYMAST



1 SkyMast

- Ideal for safely loading & installing tiles onto the rooftops
- Powder-coat finish is available
- Spanish instructions are available
- Does not include Skyhook™ or SRL's

2 Retractable Cradles

SkyMast system comes with three retractable cradles. These cradles rotate 360° degrees and are set in a position that allows the retractables to perform properly. SkyMast accommodates most SRL's up to 65 feet.

3 Mast

The mast of the system is manufactured out of schedule 80 pipe. The system is designed to take the load of three individuals falling at the same time when used as a personal fall arrest system.

4 Steel Dowel Pins

Steel dowel pins secure retractables and legs to the system. The dowel pins are permanently secured to the system via a tether. The base plates provide further absorption to the system as they engage three trusses.

Part#	Description	Pitch	Weight
00315	SkyMast Skyhook™	1/12 - 3/12	14.00
00325	SkyMast Skyhook™	4/12 - 6/12	14.00
00335	SkyMast Skyhook™	7/12 - 9/12	14.00
00345	SkyMast Skyhook™	10/12 - 12/12	14.00
00271	SkyMast (fasteners included)		40.80

SkyMast Skyhook™ ↘

The specially designed Skyhook™ allows for attachment down the center of a truss with screws. This is the stabilizer to the SkyMast.



NEW

HAMMER MOBILE OPTIONS

Part#	Description	Weight
14001	Mini-Hammer Mobile Fall Arrest System	725.00
14002	Dolly/Mini-Hammer Transporter	32.00

*** COMING SOON ***



Mini-Hammer Mobile Fall Arrest System (14001)

The new Guardian Mini-Hammer is a great addition to meet your fall protection needs. This system is easy to transport with removable counterweights and an attachment point for our dolly. The system is designed for one worker in fall arrest. Coming soon is the ability to connect multiple units with a rope horizontal lifeline for added mobility for workers as well as guardrail attachments.

Take advantage of our Mini-Hammer rental program when considering your fall protection needs. Guardian rents specific fall protection systems throughout the U.S. via our distribution network and regional warehouses.

Dolly/Mini-Hammer Transporter (14002)

The new Guardrail Multi-Direction Base Plate/Mini-Hammer Dolly has a dual purpose for those working on a commercial roof. If you need to position your new Guardian Multi-Directional Base Plates (page 9), then the new dolly is ideal for proper placement of bases and less stress on your back. This device can also be used to maneuver the Mini-Hammer (see above).

* BEST VALUE AWARD *

RESIDENTIAL ANCHOR POINTS

Part#	Length	Description	Application	Weight
00500	9 ³ / ₄ "	Ridge-It Anchor – 1 D-ring	Wood	0.80
00510	17 ⁵ / ₈ "	Ridge-It Anchor – 2 D-rings	Wood	1.10
00511	18"	Ridge-It SAFU Anchor – 2 D-rings	Wood	1.10
00515	18"	Ridge-It Tile Anchor – 1 D-ring	Wood	1.30
00710		Snappy Disposable Anchor – Carton of 25	Wood	25.00
00711		Snappy Disposable Anchor – Carton of 8	Wood	8.00

Snappy Disposable Anchors ↘

- Fits any roof pitch
- Easy to install by nailing into the truss
- Just hammer over the attachment point when the job is done & install roofing substrate over destroyed anchor point
- Fasteners provided
- Sold in cartons of 8 or 25
- Meets all applicable OSHA & ANSI standards

Ridge-It SAFU Anchor ↘

The new Ridge-It SAFU Anchor now comes with butyl as extra water tight protection. Butyl is a copolymer of isobutene and isoprene, used as a waterproofing material.

In addition, we are also adding spiral stainless steel fasteners with all SAFU anchors.



Ridge-It Anchors ↘

- For permanent use on wood rooftops
- Discreet design
- Stainless steel anchor
- Easy installation
- Meets all applicable OSHA & ANSI standards

[1] Ridge-It 1 D-ring Anchor (00500)

[2] Ridge-It 2 D-ring Anchor (00510)

[3] Ridge-It 2 D-ring SAFU Anchor (00511)



RESIDENTIAL ANCHOR POINTS

[1]



[2]



[3]



[4]



[5]



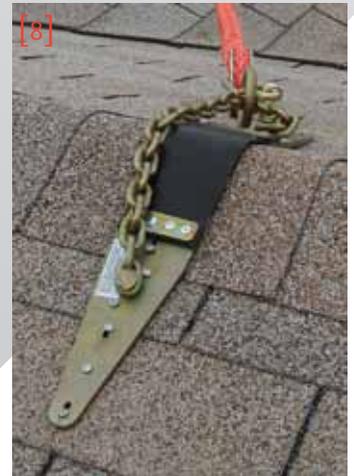
[6]



[7]



[8]



[9]



Part#	Description	Pitch	Weight
00420	Truss Boss Anchor Kit: weather-proof cap & fasteners		2.00
00422	Truss Boss Anchor Cap		0.50
00432	Truss Boss Anchor		1.50
00440	T-T Boss Anchor Kit (fasteners included) – grey		5.00
00441	T-T Boss Anchor Kit (fasteners included) – terracotta		5.00
00442	T-T Boss Anchor Kit (fasteners included) – black		5.00
00455	Temper Reusable Anchor	Any	3.50
00458	Temper Reusable Anchor with Swivel Top	Any	4.10
00460	SP-Anchor	Any	2.00
00470	Stainless Steel Reusable Anchor	Any	0.45
00480	WA-Anchor (fasteners included)	7/12	0.80
00481	WA-Anchor (fasteners included)	7/12 – 12/12	1.00
00482	Halo Anchor (fasteners included)	Any	0.80
00485	Global Anchor (fasteners included)		6.00

[1] & [2] Temper Reusable Anchors ↘

- Meets all applicable OSHA & ANSI standards
- Can be installed with screws or duplex nails
- For temporary use on wood rooftops
- Fasteners provided
- Fits up to 12/12 roof pitch
- Offset holes down the center to avoid truss splitting
- Can be used between 2 trusses when all holes are filled
- Thicker plated metal for longer lasting life of the product
- Approved for use in metal deck 20g or better. Please contact Customer Service for fastener specifications

[3] SP-Anchor (00460) ↘

- Fits any pitch
- Disposable
- Easy to install by nailing or screwing into the truss
- Screws are included
- Meets all applicable OSHA & ANSI standards
- Durable galvanized steel

[4] Stainless Steel Reusable Anchor (00470) ↘

- For temporary use on wood rooftops
- Fits any roof pitch
- Meets all applicable OSHA & ANSI standards
- Durable & reusable
- Easy installation
- Fasteners provided

[5] WA-Anchor ↘

- Can be left in place or removed from service after construction is complete
- Attaches by drilling through the top chord & securing to the wall plate using four (4) 16d sinkers
- Provides safe vertical anchorage access when performing siding/external wall constructions
- Cost effective and versatile
- Attaches to 2 x 4 & 2 x 6 top plates
- Supplied with all necessary fasteners
- Used as fall arrest or fall restraint

[6] Truss Boss Anchor (00432) ↘

- Installs in less than a minute
- Extremely cost effective
- Attach Truss Boss Anchor to truss while on the ground
- Waterproof flashing for both composite & tile roof
- Non-corrosive materials

[7] T-T Boss Anchor Kit ↘

- Does not penetrate the top sheathing
- Comes with environmentally safe Aluminum flashing w/ vulcanized EPDM
- Cap is made of Luran-S which is highly durable unlike the competition & designed not to blow off
- Anchor can be put on the truss while the truss is on the ground
- Hassle-free flashing design makes it extremely easy to install
- Unique design absorbs energy in a fall registering impact forces below 900 lb.
- Used as fall arrest or fall restraint

[8] Halo Anchor (00482) ↘

- Reusable ¼" thick steel roof anchor
- Complete with zinc plated forged alloy steel O-ring
- Nail or bolt into the roof member
- Removable, it may be used again after an inspection
- 5,000 lb. minimum breaking strength
- Supplied with all necessary fasteners
- Used as fall arrest or fall restraint
- May also be used in conjunction with temporary Rope HLL

[9] Global Anchor (00485) ↘

- Universal anchor that gives you the choice of installing the anchor at the peak of the roof (up to a 12/12 pitch) or in the field using our hex head screws or duplex nails
- Fasteners included
- Used as fall arrest or fall restraint
- You can install through:

*sheathing only
sheathing into the top chord
existing roofing/sheathing*



CB SERIES ANCHOR POINTS

Standard	Swivel Top	Post	Base	Description	Weight
00645	00651	12"	16" x 16"	CB-12 for Wood, Steel & Concrete	35.00
00656	00652	18"	12" x 12"	CB-18 for Concrete	31.00
00690	00653	24"	12" x 12"	CB-24 for Steel & Concrete	48.00
00657		18"	16" x 16"	CB-18 for Wood & Steel	35.00
10645	10651	12"		CB-12 Weld-On Post	35.00
10656	10652	18"		CB-18 Weld-On Post	31.00
10681			16" x 16"	Backer Plate for CB-12	
10683			12" x 12"	Backer Plate for CB-18	
00680				CB Swivel Top System for CB-12 or CB-18	12.00

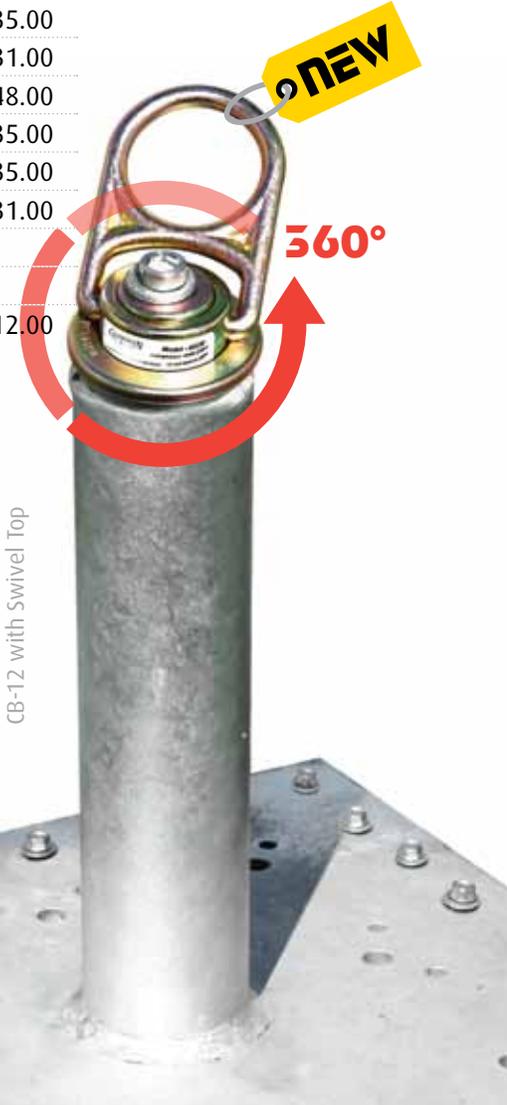
CB-12 Welded to the I-Beam



CB Swivel Top System



CB-12 with Swivel Top



CB-12 & CB-18 Anchor Points ↘

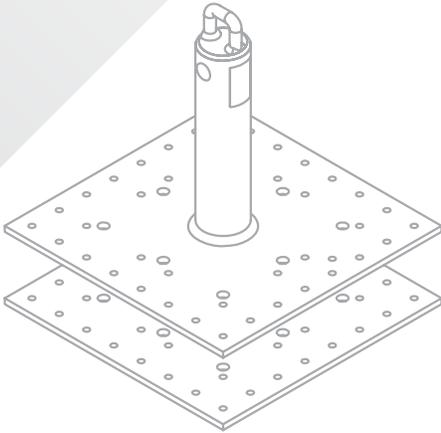
- CB-12 is for use on wood, steel or concrete
- CB-18 is for use on concrete, metal or plywood deck
- Durable galvanized finish
- Fasteners provided for wood & steel
- Post extends past roofing substrate to keep attachment point accessible
- Round post works with most off-the-shelf flashing kits
- CB Series can be used as single anchor points or in conjunction with our new Absorbator HLL kit (page 114)
- Custom design & fabrication available
- Available in stainless steel
- Installation details are available upon request

CB Swivel Top System ↘

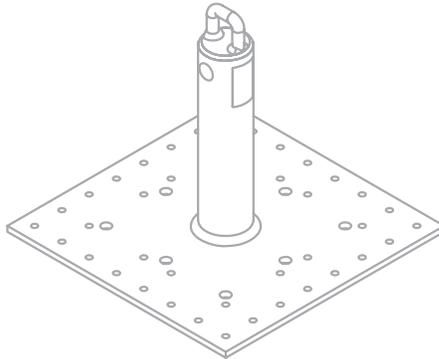
- Mounts on top of the CB-12 or CB-18
- Easy installation
- Swivels 360° degrees
- Removable & reusable bolt-on application
- Cost effective accessory to the CB
- Great for first-worker-up system
- Does not include CB or retractable

TYPES OF INSTALLATION

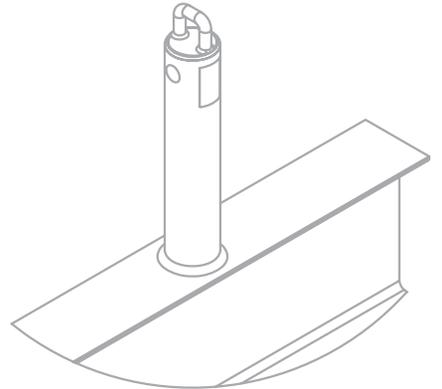
CB-12 ANCHOR POINTS



CB-12 AND CB-18 ANCHORS FOR CONNECTION WITH BACKER PLATE
(8) 1/2" BOLTS

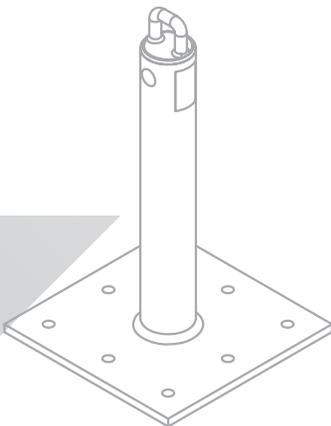


5/8" CDX PLYWOOD
22 GA METAL DECK
CONCRETE DECK
(40) METAL/WOOD
DECK SCREWS OR
(8) 1/2" BOLTS

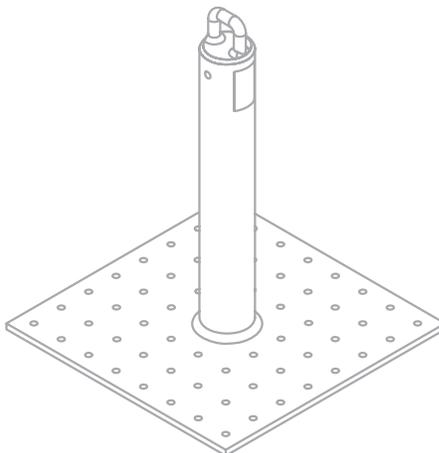


WELD-ON
5/16" FILLET WELD

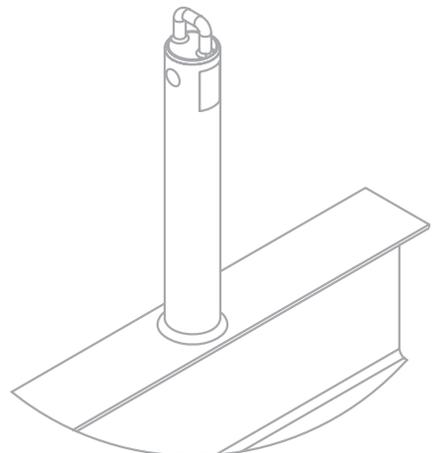
CB-18 ANCHOR POINTS



CONCRETE DECK WITH
(8) 1/2" BOLTS



5/8" CDX PLYWOOD
20 GA METAL DECK
(60) METAL/WOOD
DECK SCREWS



WELD-ON
5/16" FILLET WELD

NEW

HYDRAJAWS



15031



15004

Part#	Description	Weight
15004	Hydrajaws Adapter for CB Anchors	15.00
15031	2000C Deluxe Hydrajaws Testing Kit	17.00

Hydrajaws Adaptor for CB Anchors (15004) ↘
 Optional load spreading bridge for spanning larger areas of the base material and can also be used for checking the CB-12 plate.

2000C Deluxe Hydrajaws Testing Kit (15031) ↘
 The model is a purpose-made system for testing fixings, fasteners and anchors. It consists of a mechanical screw arrangement acting through a hydraulic load cell, which measures the load applied to the fixing directly. The resulting load value is then indicated on the dial-type gauge or optional digital gauge.

The tester has a built-in movement indicator scale 50mm standard or 100mm option, to show "first movement" on the fixing prior to the test load being applied. The tester is supplied as an integral part of the tester kit.

3000

anchor points



QUADRAT SERIES ANCHOR POINTS

Part #	Post	Description
53237	16"	Quadrat 10 – Stainless Steel Universal Anchor for Concrete
53238	16"	Quadrat 11 – Stainless Steel Anchor for Wood
53240	16"	Quadrat 13 – Stainless Steel Anchor for Metal Deck

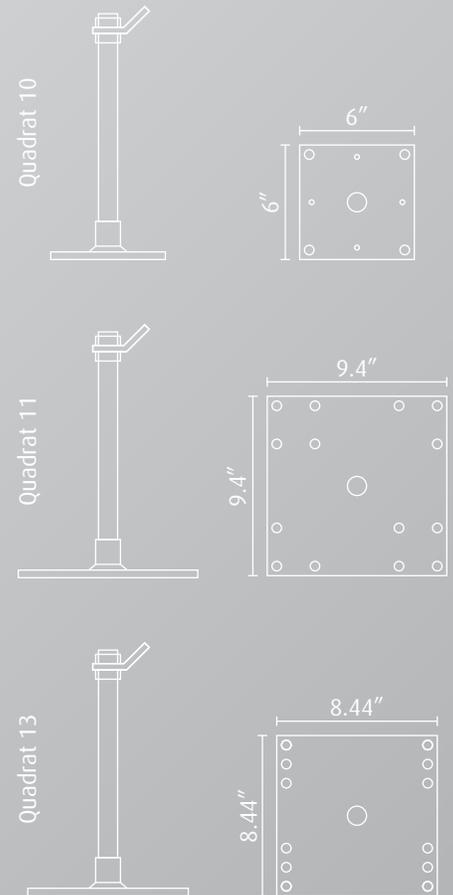
SPECIAL POST SIZES ARE AVAILABLE UPON REQUEST



Quadrat 10



Quadrat 13



- Includes an additional safety bushing on the post
- Additional to EN 795 2 x dynamically tested for rescuing
- Stainless steel post: 0.65 in (d)
- Material thickness minimum 30 in
- Special post sizes are available upon request

Quadrat 10 (53237) ↘

- Stainless Steel Universal Anchor for Concrete
- Assembles with self drilling screws
- Base plate size: 6 x 6 x 0.16 in

Quadrat 11 (53238) ↘

- Stainless Steel Universal for Wood
- Assembles with fastening screws
- Base plate size: 9.4 x 9.4 x 0.16 in

Quadrat 13 (53240) ↘

- Stainless Steel Anchor for Metal Deck
- Assembles with self drilling screws
- Base plate size: 8.44 x 8.44 x 0.16 in



anchor points

NEW

GLOBE ANCHOR POINT



Part#	Description	Weight
53001	Globe Anchor Point	10.00

Globe Anchor (53001) ↘

The Globe Anchor Point is a single point of attachment ideal for both fall arrest and fall restraint. The Globe Anchor Point comes in both the blue cap version and the stainless steel version.

The key feature of the system is the unique base that allows for a variety of attachments to be combined whether it is a single point tie-off or as part of a horizontal lifeline system.

Base Plate: 13" X 13"



XSPLATFORMS® ANCHOR POINT



1 Confidence

With on-site engineering, technical drawings and installation instructions, the third party tested system provides installers, dealers and users with the confidence that they are putting their trust in one of the world's best systems.



2 Versatility

No matter the application, the XSPlatforms® system will meet your needs. With the screw top design, multiple options for tie-offs can be created.



3 Technology

The XTS anchor points absorb the energy of a fall in the stem, which minimizes the transfer of forces to the structure. Thanks to the separate base plates, replacements after a fall is easy; simply unscrew the anchor from the base plate.

XSPlatforms® Anchor Point System ↘

Guardian Fall Protection and XSPlatforms® introduces one of the most versatile anchor point systems in the world. The new premium anchor point is the ideal solution for single anchor point tie-off for roof top applications comprised of wood, metal or concrete surfaces.

In addition, the system performs exceptionally on membrane roofs where the need for minimum penetration is required. With the system, there is no need to cut large sections of roofing material away to properly secure the anchor, thus saving you time and more importantly, money!

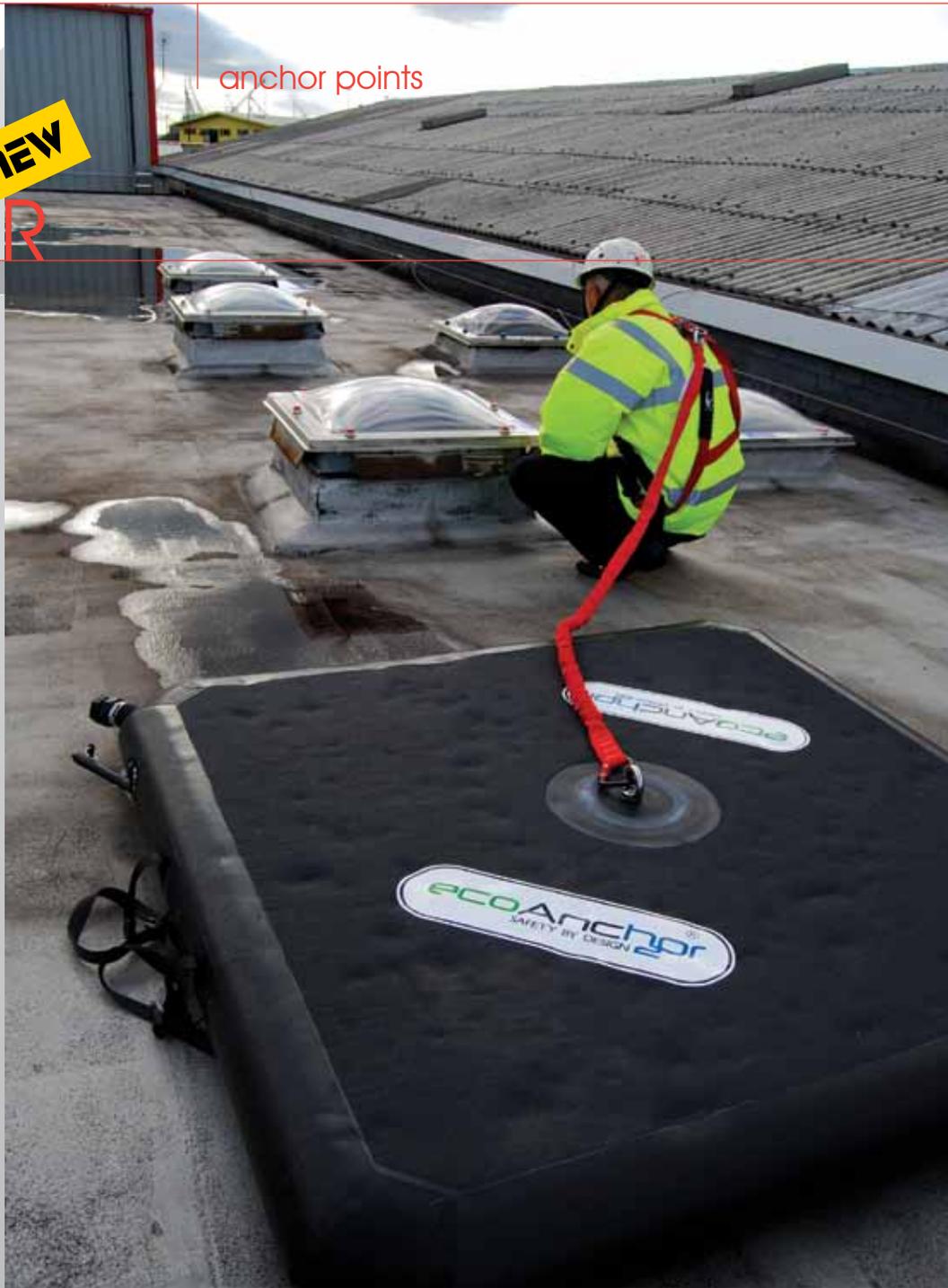
RENTAL

anchor points

NEW

ECOANCHOR

Part#	Description
30801	EcoAnchor



- Material: Fire resistant neoprene
- Surface Contact Dimensions: 4'4" x 4'4"
- Weighs: Empty = 18 lb., Full = 948 lb.
- Pressure Loading: 50 lb. per square foot
- Puncture resistant
- Patent Pending No. 0901634.6

In direct partnership with CHECKMATE, an industry leading fall protection manufacturer in the UK, Guardian is excited to introduce the EcoAnchor. As a stocking supplier of the EcoAnchor, a distributor can expect quick turnaround to meet your customer and production needs.

The EcoAnchor, which is available for rent, offers end users an alternative to the heavy-to-transport system like our Angel Anchor. The EcoAnchor has the following features and benefits.

- Water filled neoprene counterweight fall arrest anchor system
- Sold individually as a single point fall arrest anchor or in a kit with Guardian Temporary Horizontal Lifeline
- Tested & approved for use on a wide variety of low slope roof surfaces
- Weighs less than 20 lb. when empty & comes with a carry bag for stowing
- Requires no holes to be drilled in mounting surface
- Requires no heavy weights be lifted to mounting surface
- Installs faster (fills in approximately 15 minutes) than traditional counterweight systems
- Less expensive than traditional rooftop counterweight systems

anchor points

THE RACK

NEW

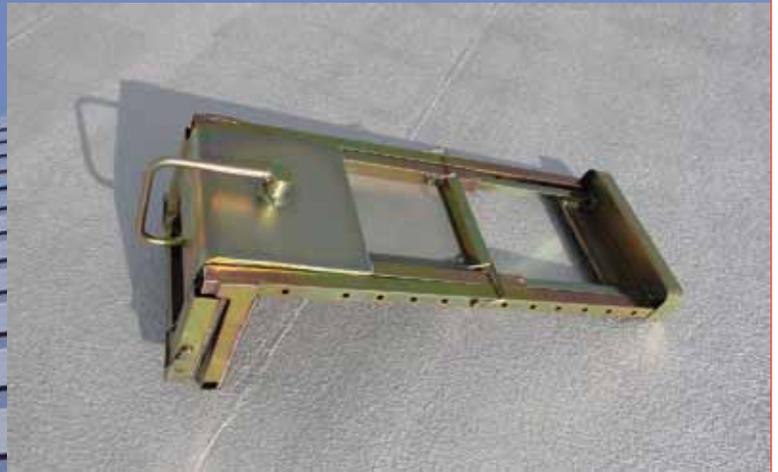
Coming soon! Call 800.466.6385 for more details.



The Rack is a one of a kind fall protection rated anchor point system designed specifically for window washers using bosun chairs. The Rack, invented by an industry expert, was designed to provide a much safer means of accessing the leading edge and descending during window cleaning operations.

- The Rack breaks down so the worker can easily carry it to the work location
- With a variety of adjustments, The Rack can be modified in the field to fit your parapet thickness
- Rated as an approved fall protection anchorage connector or positioning point
- Rope guide to protect rope fibers from abrasive edges
- The Rack comes with handles designed to help the worker descend and ascend

Durable and easy to use, The Rack is an industry first that will provide you with a useful and safe tool to use for years to come.







engineered lifeline systems

Guardian Fall Protection offers turnkey fall protection and maintenance solutions for your permanent lifeline and window washing needs. Guardian's Engineered Services Group (ESG) provides a vast array of solutions that incorporates a number of industry leading technologies (be sure to check out our new green roof HLL system). Guardian Fall Protection is the only fall protection manufacturer in the U.S. that designs, engineers, fabricates, project manages, installs and trains on our own systems. This means greater control, more communication, complete compliance with the standards, better cost management, and in the end a much happier end user.

Be sure to check out our engineering website at www.guardianesg.com.

XSPlatforms[®]



NEW

HYBRID ANCHOR POINT



Hybrid Anchor Point

Continuous intermediate attachment allows for safe transition across the roof structure.

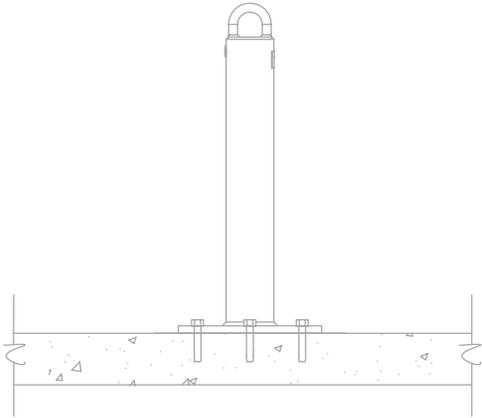
Whether the turn is 45° or 90° degrees, with our attachments, you have the ability to manipulate turns around corners and rooftop obstructions.

The CB Hybrid System allows for attachment directly to the substrate or structural steel while utilizing our XS accessories to maximize versatility in the design and safety of the workers.

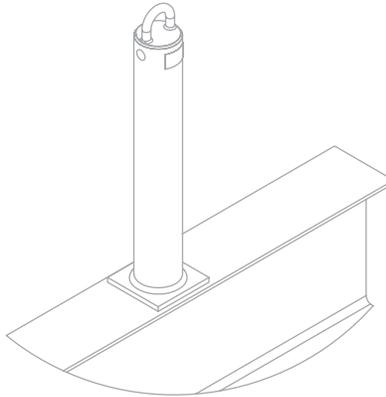


NEW

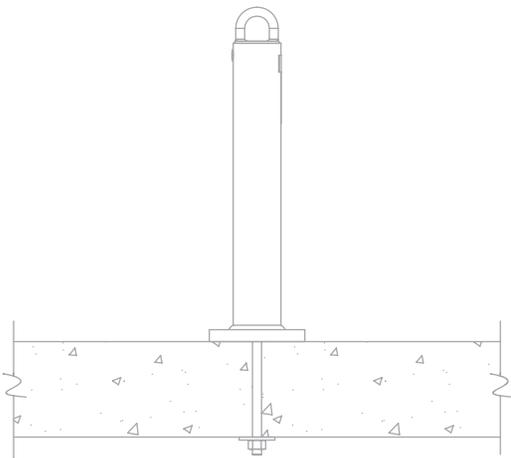
WINDOW WASHING ANCHOR



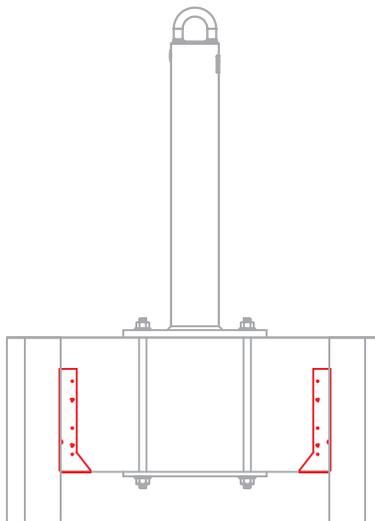
WINDOW WASHING TIE-BACK ANCHOR DETAIL (CONCRETE)



WINDOW WASHING TIE-BACK ANCHOR DETAIL (WELD-ON)



WINDOW WASHING TIE-BACK ANCHOR DETAIL (ONE-BOLT)



WINDOW WASHING TIE-BACK ANCHOR DETAIL (WOOD)

Design Load: 1,250 lb.
 Allowable Load (testing): 2,500 lb.
 Ultimate Load: 5,000 lb.

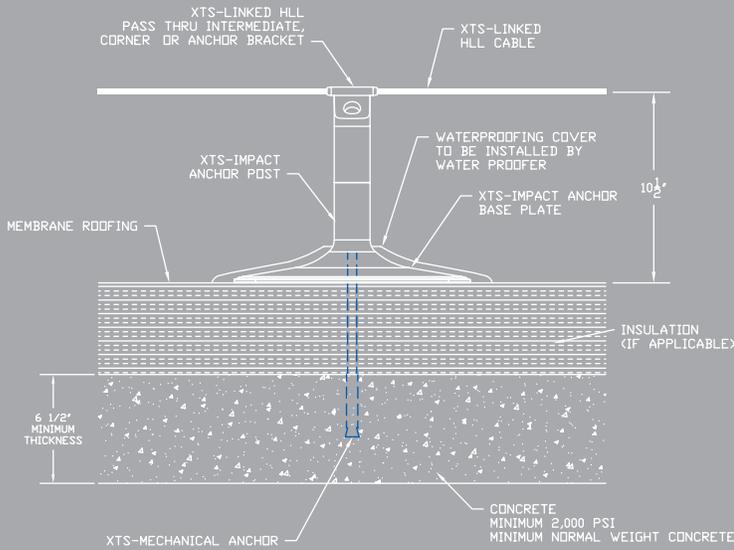
Window washing anchors must be inspected on a yearly basis and may be subjected to routine testing. Anchorages targeted for post installation testing shall be tested at a proof load of twice the intended design load per IWCA 8.1.3. The anchor must be capable of resisting this proof load without permanent deformation.

IWCA I-14.1 (International Window Cleaners Association) (9.1)

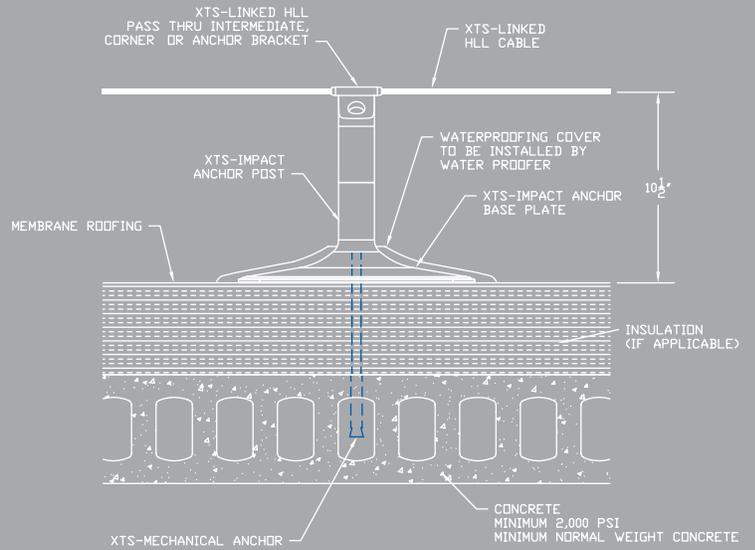
Anchorage shall be capable of sustaining a 5,000 lbs. minimum load or a minimum 4 to 1 factor of safety, whichever is greater in any direction the load is applied.

XS XTS-IMPACT ANCHOR

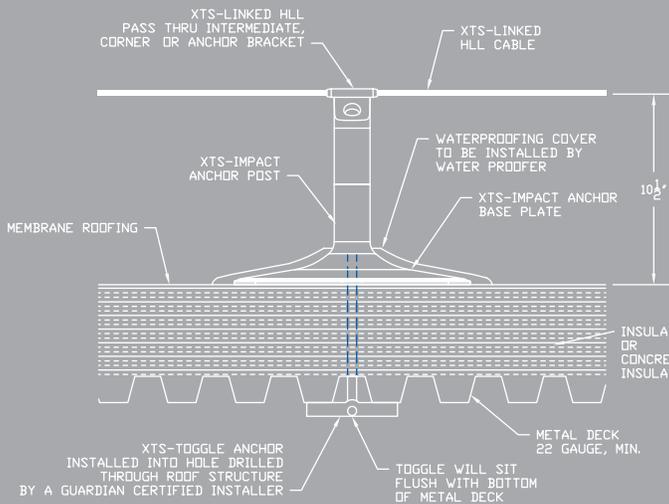
GUARDIAN XS XTS-IMPACT ANCHOR DETAIL
CONCRETE DECKING + MEMBRANE
CONCRETE DECKING + INSULATION + ROOFING MEMBRANE



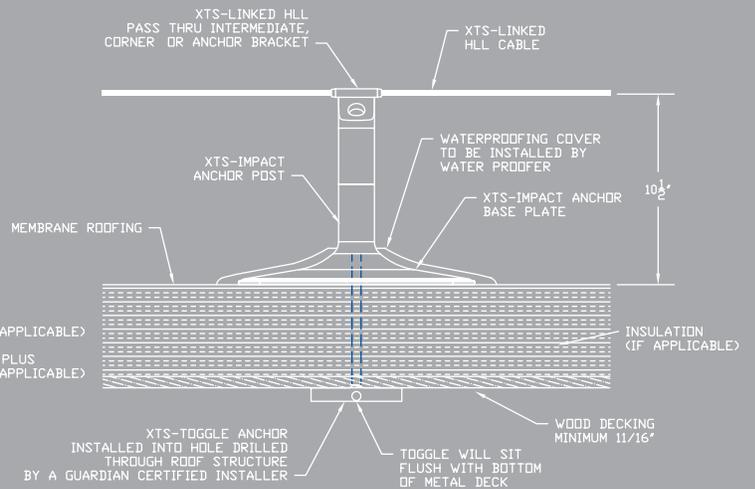
GUARDIAN XS XTS-IMPACT ANCHOR DETAIL
HOLLOW CORE CONCRETE + MEMBRANE
HOLLOW CORE CONCRETE + INSULATION + ROOFING MEMBRANE
 NOTE: SPECIAL INSTALLATION INSTRUCTIONS REQUIRED



GUARDIAN XS XTS-IMPACT ANCHOR DETAIL
METAL DECKING + ROOFING MEMBRANE
METAL DECKING + INSULATION + ROOFING MEMBRANE
METAL DECKING + CONCRETE + INSULATION + ROOFING MEMBRANE



GUARDIAN XS XTS-IMPACT ANCHOR DETAIL
PLYWOOD DECKING + ROOFING MEMBRANE
PLYWOOD DECKING + INSULATION + ROOFING MEMBRANE



TYPES OF INSTALLATION





1 Efficient System

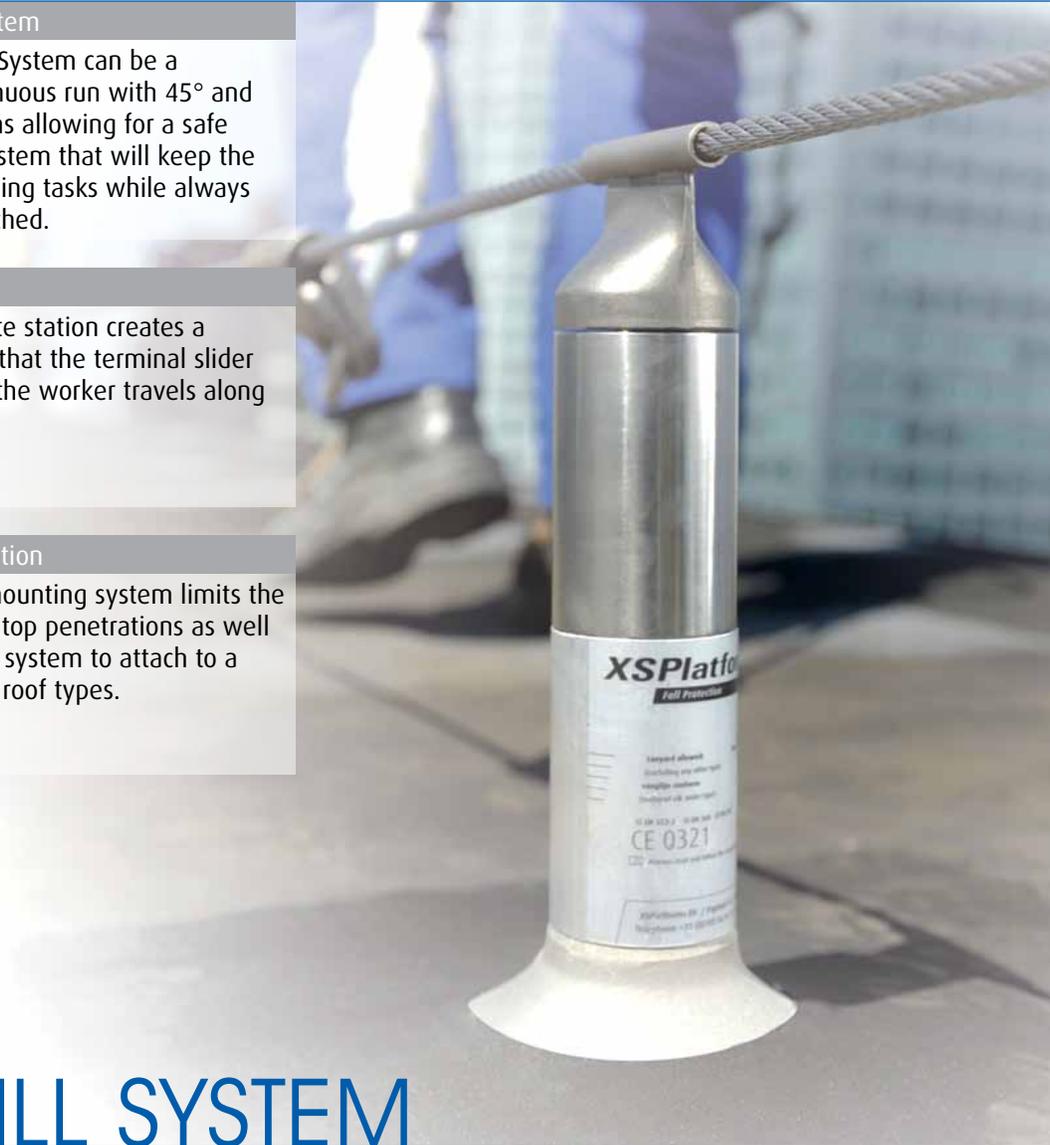
XTS-Linked HLL System can be a complete continuous run with 45° and 90° degree turns allowing for a safe and efficient system that will keep the worker performing tasks while always remaining attached.

2 XTS Slider

The intermediate station creates a continuous run that the terminal slider passes over as the worker travels along the system.

3 Easy Installation

The patented mounting system limits the number of roof top penetrations as well as allowing the system to attach to a huge variety of roof types.



XTS-LINKED HLL SYSTEM

The XTS-Linked Horizontal Lifeline System is comprised of different components that form a Horizontal Lifeline System (HLL).

The lifeline allows horizontal movement when working at heights. The XTS-Linked Lifeline System can be fixed to almost every surface on a job-site, serving as a safeguard to those working at heights. Fall hazards are minimized, and the ability to work at the required height is not compromised.

With the only single point penetration system available on the market, you save money and time!



XTS-LINKED HLL SYSTEM



1 Unique Base

The key feature of the system is the unique base that allows for a variety of attachments to be combined whether it is a single point tie-off or as part of a horizontal lifeline system.



2 Globe Anchor Point

The Globe Anchor Point is a single point of attachment ideal for both fall arrest and fall restraint. The device easily connects to the XTS system. The Globe Anchor Point comes in both the blue cap version and the stainless steel version.



3 Single Point Tie-off Post

The single point tie-off post is ideal on roof tops where holding power is a concern. This system will absorb energy in the post and reduce impact forces that are transferred to the roof top.



In partnership with XSPlatforms®, Guardian has taken the lead on providing this vastly superior lifeline system to clients ranging from the U.S. Military, Government, Universities, Airports, Semi-Conductors, Private Developers, and many more. The XTS-Linked Horizontal Lifeline System has dominated the interest of many architects over the last two years as the system provides the greatest amount of options for attachment, ranging from single point anchorage connections to continuous horizontal lifeline runs and overhead systems.

To learn more about Guardian's engineering capabilities go to www.guardianesg.com.

NEW

STEEP ROOF SLING



Part#	Description
15080	Steep Roof Sling

- Well priced single attachment point for steep roof
- Fast & simple assembly
- Work positioning just in roof-slope line
- Ideal for historical buildings
- Nearly invisible from the ground



VARIO DEAD WEIGHT ANCHOR



Vario 10 (15081) ↘

- Dimensions: 64" x 64" x 6.6"
- Weight: 700 lb.

Vario 20 (15082) ↘

- Intermediate bracket
- Dimensions: 20" x 64" x 6.6"

Vario 40 (15083) ↘

- End or corner unit

Part#	Description
15081	Vario 10 Dead Weight Anchor
15082	Vario 40 Dead Weight Anchor for HLL end or corner
15083	Vario 20 Dead Weight Anchor for HLL intermediate

Vario Dead Weight Anchor ↘

- Variable dead weight anchor without roof perforation
- Ideal for planted house tops
- Can be filled with concrete or concrete slabs
- Supplied without concrete
- Picture:

Vario 40 (15082) as an end unit

Vario 20 (15083) as an intermediate

ABSORBINATOR / ABSORBINATOR KITS

Part#	Description
15021	Replacement Absorbinator: 1 [1] / 2 [2]
15044	HLL Attachment System for applications less than 60': 1 [1] / 2 [2] / 2 [3] / 1 [4]
15045	HLL Attachment System for applications more than 60' & up to 100': 2 [1] / 2 [2] / 2 [3] / 1 [4]
15070	HLL Attachment System for column or ceiling mount under 60': 1 [1] / 2 [6]
15071	HLL Attachment System for column or ceiling mount over 60': 1 [1] / 2 [7]
15072	HLL Attachment System for column or ceiling mount under 60': 1 [1] / 2 [8]
15073	HLL Attachment System for column or ceiling mount over 60': 2 [1] / 3 [2] / 2 [3] / 1 [4] / 4 [5] / 2 [6]
15074	HLL Attachment System for column or ceiling mount under 60': 2 [1] / 3 [2] / 2 [3] / 1 [4] / 4 [5] / 2 [7]
15075	HLL Attachment System for column or ceiling mount over 60': 2 [1] / 3 [2] / 2 [3] / 1 [4] / 4 [5] / 2 [8]

- [1] Absorbinator
- [2] Steel Shackle
- [3] Thimble
- [4] Turnbuckle
- [5] Wire Rope Clip
- [6] Premium Cross Arm Strap (10787)
- [7] CB-1-B (00600)
- [8] CB-1-W (00610)



What Is The Absorbinator? ↘

Hot off the production line, the Absorbinator is an energy absorber to be combined in conjunction with two anchorage points and the included hardware to produce a Horizontal Lifeline system. Add your ABC's to make a complete personal fall arrest system.

- Easy to install
- 6 installation options to choose from
- Also available in stainless steel
- No ratcheting needed
- Economical way to provide HLL Personal Fall System

How It Works? ↘

1. Choose the appropriate kit for your application
2. Install the anchor points to manufacturer recommendations
3. Attach the shackle & Absorbinator to your approved anchor
4. Attach the turnbuckle
5. Wrap the cable around the thimble eye
6. Clamp off the cable at each end with the provided clamps



ABSORBINATOR APPLICATIONS



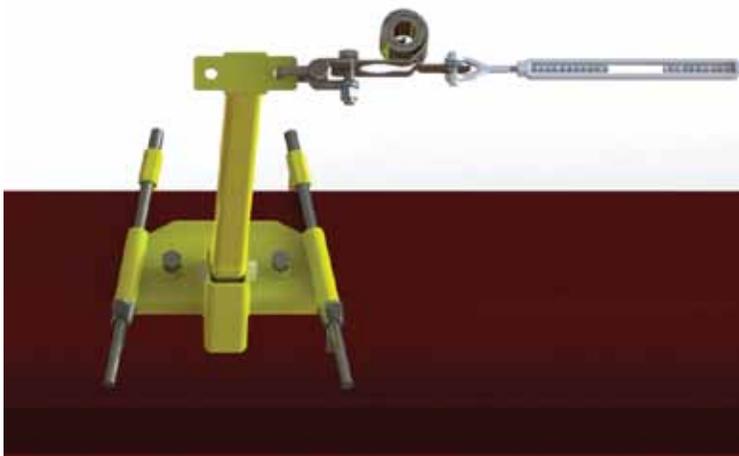
Absorbator on Pass-Thru ↘

The Absorbator Pass-Thru system is designed for roof mounted applications but can be modified for interior use as well. The system consists of intermediate brackets, sliding D-rings and a horizontal lifeline kit. The intermediate brackets are one of a kind with a design that allows for the system's sliding D-ring to pass-thru without detachment or, when the horizontal lifeline isn't in use, provide a snap hook attachment for single point anchor use.



Absorbator on CB-1-B ↘

The Absorbator CB-1-B system is designed for column or overhead horizontal lifeline applications. The system is typically used during floor by floor concrete construction that requires an easily assembled horizontal lifeline system. Also, the system is frequently used as a simple overhead lifeline in industrial facilities for safe access to machinery, train cars, buses, etc.



Absorbator on Beamguard™ ↘

The Beamguard Absorbator system is ideal for any structural steel erection project or for providing access to existing beams. The Beamguard Absorbator consists of a beam clamp, post and horizontal lifeline kit. The system is frequently used for bridge structure access during both the erection phase but also as a long term maintenance system for accessing either above or below the bridge deck.



Absorbator on CB-1-W ↘

The Absorbator CB-1-W system is designed for column or overhead horizontal lifeline applications. The system is typically used during floor by floor steel construction that requires an easily assembled horizontal lifeline system. Also, the system is frequently used as a simple overhead lifeline in industrial facilities for safe access to machinery, train cars, buses, etc.



SKYLIGHT PROTECTION SYSTEMS



Guardian's ESG division is capable of providing roof layouts for skylight protection that can incorporate a number of solutions. In full compliance with OSHA, our skylight solutions are cost effective and practical.

The reality is that falls from heights not only impact a business, but much more importantly, impacts the life of a worker and their family.

A 19 year old laborer working for an HVAC contractor fell 35 feet through a skylight onto a concrete floor. While renovating the roof with new air conditioning units, the worker tripped and fell through the skylight.

The worker suffered a traumatic brain injury, skull fracture, intracranial hemorrhaging, blunt trauma injuries and fractures to the tibia and fibula. It is a miracle that this worker survived such an event.

The worker now suffers from difficulty concentrating, processing information, memory loss, blurred vision, headaches, impaired balance and numbness to his scalp. Medical expenses are estimated to be close to \$1MM. In addition to his medical expenses, the worker received a settlement of \$965,000 due to the employer failing to meet OSHA's guidelines and offering personal fall protection, guardrails, or skylight safety.

SKYLIGHT PROTECTION WITH THE OPTION OF ANCHOR POINT ATTACHMENT

Part#	Size	Description
70024	80" x 80"	Mobile Skylight Protection System
70025	120" x 120"	Mobile Skylight Protection System

1926.501(b)(4)

“Each employee on walking/working surfaces shall be protected from falling through holes (including skylights) more than 6 feet above lower levels, by personal fall arrest systems, covers, or guardrail systems erected around such holes.”



Please call 614.846.2525 for your quote today.



1910.23(a)(4)

OSHA standards that apply to general industry state: “Every skylight floor opening and hole shall be guarded by a standard skylight screen or a fixed standard railing on all exposed sides.”



BRIDGE GUARD™



Part#	Description	Weight
04725	Bridge Guard™ – 75" Post w/ 2-Way Topper	43.00
04726	Bridge Guard™ – 75" Post w/ 4-Way Topper	55.00
04727	Intermediate Bridge Guard™ Post (for runs longer than 50' - 90')	15.00
04728	2-Way Topper (for Bridge Guard™ only)	28.00
04729	4-Way Topper (for Bridge Guard™ only)	40.00

- Cost effective & reusable
- Use for bridge building, precast or any leading edge structural concrete
- Installs instantly into a core hole drilled into concrete or into PVC pipe embed set in the concrete
- May span up to 50' between safety posts
- Designed to work in minimum 3,000 lb. psi concrete
- Allows for instant HLL configuration on-site
- Shock absorbing aluminum poles with shock absorbing toppers on end posts
- Provides overhead HLL anchorage for two (2) workers*

* Additional spans (and workers) can be added with the use of intermediate posts and continuous cabling.



BEAMGUARD™



1 Quick Installation

The installation of the BeamGuard™ is designed for simplicity and requires the use of a standard wrench.



2 Easy Set Up

The BeamGuard™ is extremely easy to set up and use. The system requires very little time to set up and can fit flanges over 4" wide.



3 Durable Components

The BeamGuard™ has durable reinforced welds and gussets. The system utilizes all steel and metal components with few loose parts. The system does not require an in-line shock absorber to safely arrest a fall.



Part#	Description	Rod	Base	Flange Hook	Flange Thickness	Flange Width	Weight
04710	Pass-Thru Top	N/A	N/A	N/A	N/A	N/A	N/A
04700	Standard Beamguard™	18"	Standard	Standard	Up to 1 1/4"	4" - 13 3/4"	47.00
04701	Intermediate Beamguard™	24"	Intermediate	Intermediate	Up to 2 1/8"	4" - 19 3/4"	47.00
04702	Large Beamguard™	36"	Large	Large	Up to 3 3/8"	4" - 31 3/4"	50.00

- Mounts to any beam or girder with top flange over 4" wide & up to 3 3/8" thick
- Use Beamguard™ post as a personal anchor or in conjunction with an HLL
- 42" post sits at an angle to allow free movement while walking on the beam
- Posts may be placed 10 to 60 feet apart
- System allows up to two (2) workers in each section
- Pass-Thru Top (04710) available to convert any Beamguard™ to an Intermediate Post

NEW

LIFLINE MOBILE ANCHORAGE SYSTEM

1 Adjustability

The LifLine Mobile Anchorage System is fully adjustable to accommodate whatever needs your job-site demands.

2 Non-Slip Grid

The non-slip surface of the LifLine Mobile Anchorage System helps workers keep their footing even in wet conditions.

3 Stability

Once engaged, the LifLine Mobile Anchorage System creates an extremely stable anchor point with an arresting force of 3,600 lb.



Part#	Size	Description	Weight
33000	18'	LifLine Mobile Anchorage System w/ Outriggers	720.00
33001	18'	LifLine Mobile Anchorage System w/ Outriggers & 3-Way SRL	747.00
33004	18'	LifLine Mobile Anchorage System w/ Counterweights & 3-Way SRL	1347.00
33005	18'	LifLine Mobile Anchorage System w/ I-beam 25' System	720.00
33006	22'	LifLine Mobile Anchorage System w/ Counterweights	1420.00
33002	18'	LifLine Mobile Anchorage System w/ Counterweights	1320.00
33007	18'	LifLine Mobile Anchorage System w/ Counterweights (dual tie-off)	1320.00

For work environments where an overhead anchor point is not possible and clearance is limited, the LifLine Mobile Anchorage System is the answer to your fall protection needs. Designed to accommodate working on large equipment or on vehicles such as flatbed trucks, this mobile system is stable, versatile and strong.



CABLE HORIZONTAL LIFELINE SYSTEM



Part#	Size	Description	Weight
04800	100'	Cable HLL Kit w/ Web Tensioner / 2 Anchorage Web Slings / 3 Cable Clamps / Impact Attenuator	56.00

- Maintains & controls desired tension
- Permits adjustments substantially reducing the forces on the anchorages in case of a fall
- 620 lb. combined maximum worker weight
- 2 person system for fall arrest
- 3/8" diameter cable
- Retractable sold separately



FIXED LADDER SYSTEMS

Part#	Size	Description	Weight
04810	100'	Cable Ladder System Kit	58.00
04820	200'	Cable Ladder System Kit	88.00
04830	300'	Cable Ladder System Kit	118.00

Cable Ladder System Kit ▾

- Sealed anchor head with impact attenuator
- Permanently secured forged eye bolt
- Permanently swaged cable sleeves
- Adjustable clamp brackets
- HD steel square tubing supports
- Cable stand-offs (every 25 feet)
- 3/8" diagonal galvanized wire rope
- Cable grab is sold separately

Our systems offer the following:

- Tension Indicator
- Custom options are available
- Shock Absorbing
- Intermediate Cable Guides
- Hands Free Climbing
- Rigid Rail
- Vertical Trolley
- Stainless Steel Grab
- Mounting Brackets



There are a variety of vertical lifeline systems to choose from and Guardian is excited to introduce a number of new systems designed to fit many of your needs.

Types of Vertical Lifeline Systems ▾

As a worker moves up and down the entire length of a fixed ladder, there are some important things to consider when deciding what system to utilize.

Is the system needed permanent or temporary/portable? Most often workers need a permanent solution for repeat maintenance tasks.

Our temporary systems are lightweight and cost effective. They can be moved easily from one structure to another. If there are frequent accesses required, then the use of our permanent systems is in order. These systems can include cable or rigid rail.

Also, consider the type of cable grab that would be used. This can be a manual system or automatic trailer. Ideally you would want a hands free system to travel with the worker. Don't forget to utilize a couple of Tool Lanyards for that long climb.

Need a custom solution? Contact our Engineered Services Group at 800.466.6385.

FIXED LADDER SYSTEMS

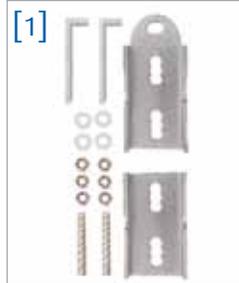
Guardian Fall Protection has a variety of pre-engineered fixed ladder systems that include cable and rigid rail. In addition to our pre-engineered systems, our ESG division can design, engineer, fabricate and install custom ladders including ladder cage systems.

- If the total length of a climb on a fixed ladder equals or exceeds 24 feet (7.3 m), the following requirements must be met: fixed ladders must be equipped with either (a) ladder safety devices; (b) self-retracting lifelines, and rest platforms at intervals not to exceed 150 feet (45.7 m); or (c) a cage or well, and multiple ladder sections, each ladder section not to exceed 50 feet (15.2 m) in length. These ladder sections must be offset from adjacent sections, and landing platforms must be provided at maximum intervals of 50 feet (15.2 m).
- All safety devices must be capable of withstanding, without failure, a drop test consisting of a 500 lb. weight (226 kg) dropping 18 inches (41 cm).
- All safety devices must permit the worker to ascend or descend without continually having to hold, push, or pull any part of the device, leaving both hands free for climbing.
- All safety devices must be activated within 2 feet (.61 m) after a fall occurs, and limit the descending velocity of an employee to 7 feet/second (2.1 m/sec) or less.
- The connection between the cable/rail grab or lifeline and the point of attachment to the harness must not exceed 9 inches (23 cm) in length.

1926.1053(a)(18)

“Fixed ladders shall be provided with cages, wells, ladder safety devices, or self-retracting lifelines where the length of climb is less than 24 feet (7.3 m) but the top of the ladder is at a distance greater than 24 feet (7.3 m) above lower levels.”

100' STEP SAFE LADDER FALL ARREST SYSTEM

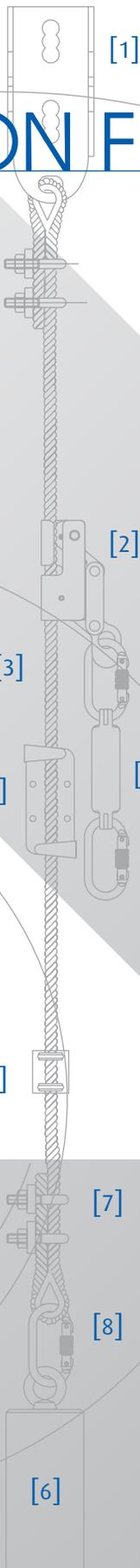


Kit includes:

- [1] Mounting Bracket
- [2] Cable Grab
- [3] 316 Stainless Steel Wire Rope – 100 ft.
- [4] Shock Absorbing Lanyard
- [5] Intermediate
- [6] End Clamp
- [7] Set of 4 U-bolts & 2 Thimbles
- [8] Locking Carabiner
- [9] Dead Weight



SYSTEM ON FLEXIBLE CABLE LINE



Conforming to the OSHA 1926.1053-Ladders this vertical Fall Arrest System is an integrated solution to arrest the fall of a user who has to constantly climb up and down a ladder. It consists of a vertical anchorage line made of stainless steel wire rope installed on a ladder using an appropriate mounting bracket at the top.

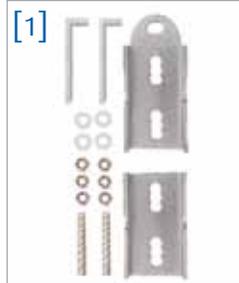
A stainless steel cable grab moves up and down the anchorage line, accompanying the user who is connected to this grab with the help of a small shock absorbing lanyard.

To maintain the tension in the wire rope, a dead weight is connected to the lower end. Also, an end clamp provided at the end of the wire rope is fitted to the ladder rung to maintain the anchorage line position. Intermediates are provided at regular intervals to prevent dislocation of the anchorage line from its optimal position due to wind pressure or mechanical movement.

- The Step Safe Ladder System is simple & easy to install, requiring minimal effort for installation
- The Cable Grab comes with a special anti-gravity locking feature which enables it to always be fitted in the correct position

Part#	Size	Description
40500	100'	Step Safe Ladder Fall Arrest System – See page 124 for components

VERTEX VERTICAL ANCHORAGE LINE SYSTEM



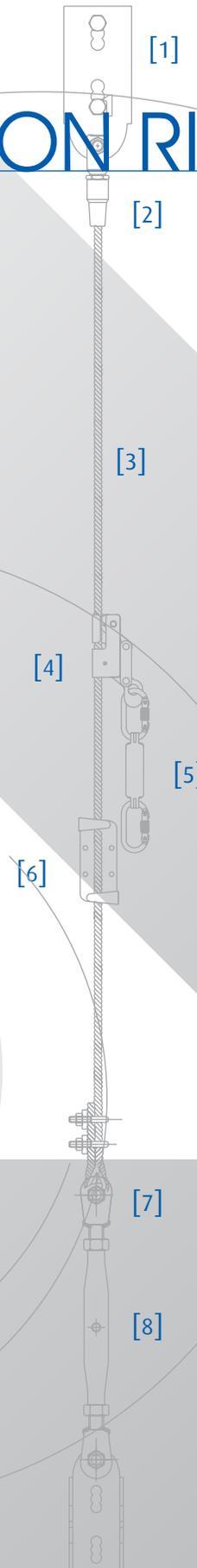
Kit includes:

- [1] Mounting Bracket
- [2] Cable Extremity
- [3] 316 Stainless Steel Wire Rope – 100 ft.
- [4] Cable Grab
- [5] Shock Absorbing Lanyard
- [6] Intermediate
- [7] Set of 2 U-bolts & 1 Thimble
- [8] Tensioner



NEW

SYSTEM ON RIGID CABLE LINE



Conforming to the 1926.1053-Ladders this vertical fall arrest system is an integrated solution to arrest the fall of a user who has to constantly climb up and down a ladder.

The Vertical Anchorage Line is made of stainless steel wire rope and is maintained in the rigid position by use of two mounting brackets – one at the top and one at the bottom.

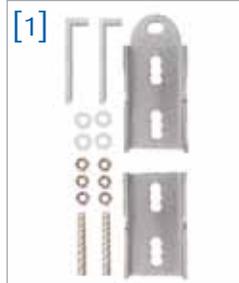
A stainless steel cable grab moves up and down the anchorage line, accompanying the user who is connected to this grab with the help of a small shock absorbing lanyard.

To maintain rigidity and tension in the anchorage line, a screw type mechanical tensioner is provided at the end of the anchorage line at the bottom, connecting it to the lower mounting bracket. Intermediates are provided at regular intervals to prevent dislocation of the anchorage line from its optimal position due to wind pressure or mechanical movement.

Connection of the wire rope at the two ends to the cable extremity and tensioner makes installation easy, avoiding the use of specialized machinery.

Part#	Size	Description
40051	100'	Vertex Vertical Anchorage Line System – See page 126 for components

SHOCKTEX VERTICAL ANCHORAGE LINE

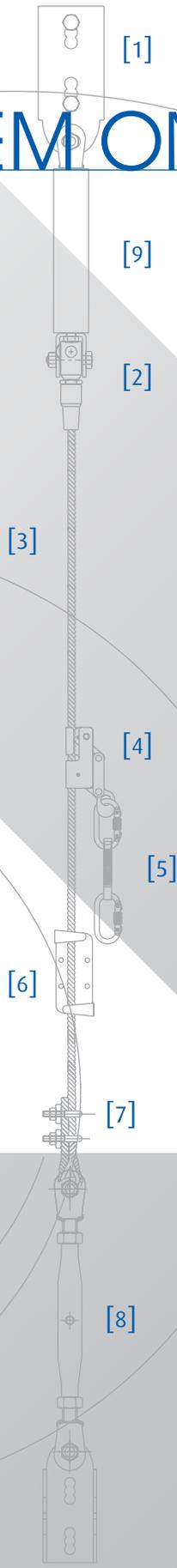


Kit includes:

- [1] Mounting Bracket
- [2] Cable Extremity
- [3] Wire Rope
- [4] Cable Grab
- [5] Connecting Lanyard
- [6] Intermediate
- [7] Set of 2 U-bolts & 1 Thimble
- [8] Tensioner
- [9] Shock Absorber



FALL SYSTEM ON RIGID CABLE LINE



Conforming to the 1926.1053-Ladders this vertical fall arrest system is an integrated solution to arrest the fall of a user who has to constantly climb up and down a ladder.

The unique feature of this system is a permanently installed stainless steel shock absorber at the top of the line which offers distinct advantages over textile absorbers used in other lines in terms of UV degradation or resistance to harsh climate conditions.

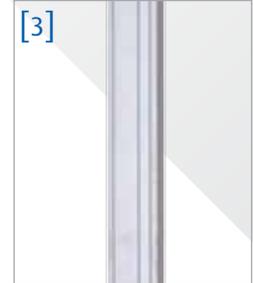
The ShockTex Vertical Anchorage Line is made of stainless steel wire rope and is maintained in the rigid position by use of two mounting brackets – one at the top and one at the bottom.

A stainless steel cable grab is directly connected to the user without any additional lanyards.

To maintain rigidity and tension in the anchorage line, a screw-type mechanical tensioner is provided at the end of the anchorage line at the bottom, connecting it to the lower mounting bracket.

Part#	Size	Description
40052	100'	ShockTex Vertical Anchorage Line System – See page 128 for components

RIGIDTRAX VERTICAL ANCHORAGE LINE



- [1] Aluminum Extension
- [2] Vertical Trolley
- [3] Horizontal Aluminum Rail Intermediate
- [4] Locking Carabiner
- [5] Rung Clamp
- [6] Junction
- [7] Horizontal Aluminum Extremity



[1]

FALL ARREST SYSTEM ON RIGID ALUMINUM RAIL

[3]

Conforming to the 1926.1053-Ladders this vertical Fall Arrest System is an integrated solution to arrest the fall of a user who has to constantly climb up and down a ladder.

The RigidTrax Vertical Anchorage Line is made of stainless steel wire rope and is maintained in the rigid position by use of two mounting brackets - one at the top and one at the bottom.

A stainless steel cable grab moves up and down the anchorage line, accompanying the user who is connected to this grab with the help of a small shock absorbing lanyard.

To maintain rigidity and tension in the anchorage line, a screw type mechanical tensioner is provided at the end of the anchorage line at the bottom, connecting it to the lower mounting bracket. Intermediates are provided at regular intervals to prevent dislocation of the anchorage line from its optimal position due to wind pressure or mechanical movement.

Connection of the wire rope at the two ends to the cable extremity and tensioner makes installation easy, avoiding the use of specialized machinery.

[2]

[4]

[5]

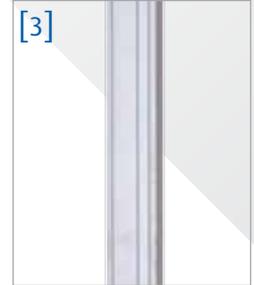
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[7]

** RigidTrax Vertical Anchorage Line System can be made in any length to meet your specific needs. Please call 614.846.2525 for your quote today.*

Part#	Description
40053	RigidTrax Vertical Anchorage Line System on Rigid Aluminum Rail
40006	KI Ladder System Locking Carabiner
40013	KI Ladder System Aluminum Extension - Length: 60"
40014	KI Ladder System Aluminum Rail Intermediate - Length: 120"
40015	KI Ladder System Vertical Trolley - Stainless Steel 304
40017	KI Ladder System Rung Clamp - Stainless Steel 304
40018	KI Ladder System Junction - Stainless Steel 304
40019	KI Ladder System Aluminum Rail Extremity - Length: 120"

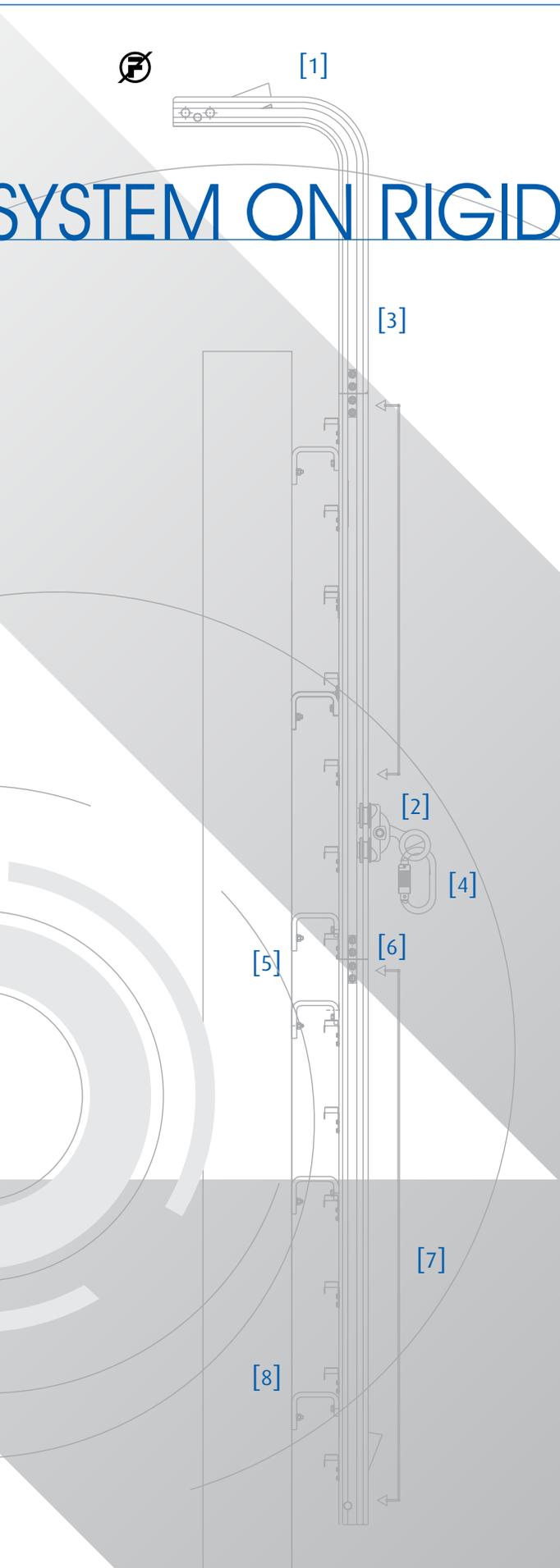
STEPTRAX VERTICAL ANCHORAGE LINE SYSTEM



- [1] Aluminum Extension
- [2] Vertical Trolley
- [3] Horizontal Aluminum Rail Intermediate
- [4] Locking Carabiner
- [5] Mounting Bracket
- [6] Junction
- [7] Horizontal Aluminum Extremity
- [8] Ladder Rung Assembly



SYSTEM ON RIGID ALUMINUM RAIL



Conforming to the 1926.1053-Ladders this vertical Fall Arrest System is an integrated solution to arrest the fall of a user who has to constantly climb up and down a ladder.

The StepTrax Vertical Anchorage Line is made of stainless steel wire rope and is maintained in the rigid position by use of two mounting brackets - one at the top and one at the bottom.

A stainless steel cable grab moves up and down the anchorage line, accompanying the user who is connected to this grab with the help of a small shock absorbing lanyard.

To maintain rigidity and tension in the anchorage line, a screw type mechanical tensioner is provided at the end of the anchorage line at the bottom, connecting it to the lower mounting bracket. Intermediates are provided at regular intervals to prevent dislocation of the anchorage line from its optimal position due to wind pressure or mechanical movement.

Connection of the wire rope at the two ends to the cable extremity and tensioner makes installation easy, avoiding the use of specialized machinery.

** StepTrax Vertical Anchorage Line System can be made in any length to meet your specific needs. Please call 614.846.2525 for your quote today.*

Part#	Description
40054	StepTrax Vertical Anchorage Line System on Rigid Aluminum Rail
40006	KI Ladder System Locking Carabiner
40013	KI Ladder System Aluminum Extension - Length: 60"
40014	KI Ladder System Aluminum Rail Intermediate - Length: 120"
40015	KI Ladder System Vertical Trolley - Stainless Steel 304
40018	KI Ladder System Junction - Stainless Steel 304
40019	KI Ladder System Aluminum Rail Extremity - Length: 120"
40020	KI Ladder System Ceiling Mounting Bracket - Stainless Steel 304
40021	KI Ladder System Ladder Rung Assembly - Galvanized Steel

NEW

2-PERSON ROPE HLL SYSTEM

Part#	Size	Description	Weight
04625	30'	Black Polyester HLL Kit: Tensioner / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack Bag	14.00
04628	60'	Black Polyester HLL Kit: Tensioner / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack Bag	16.00
04630	100'	Black Polyester HLL Kit: Tensioner / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack Bag	19.25
04638	30'	Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack	14.00
04639	60'	Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack	16.00
04640	100'	Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack	19.25

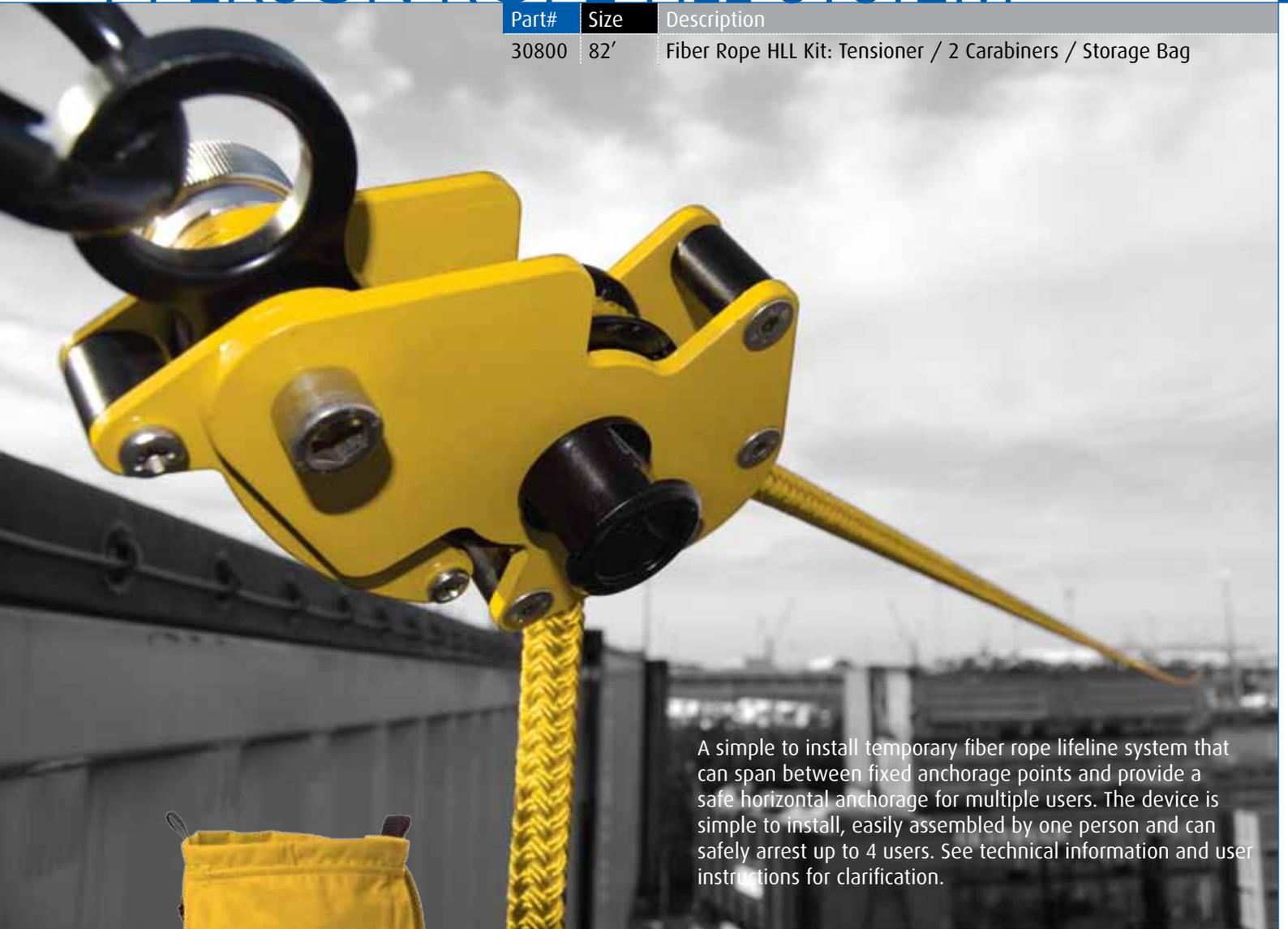


- [1] Ultra Sack Bag
- [2] Black & Yellow Kernmantle Rope
- [3] Cross Arm Straps
- [4] O-rings
- [5] Tensioner
- [6] Galvanized Metal Thimble End
- [7] Carabiners
- [8] Shock Pack

NEW

4-PERSON ROPE HLL SYSTEM

Part#	Size	Description
30800	82'	Fiber Rope HLL Kit: Tensioner / 2 Carabiners / Storage Bag



A simple to install temporary fiber rope lifeline system that can span between fixed anchorage points and provide a safe horizontal anchorage for multiple users. The device is simple to install, easily assembled by one person and can safely arrest up to 4 users. See technical information and user instructions for clarification.



- 16 mm low stretch polyester double braided rope with wear indicator
- Max span of 82 ft. with up to 4 persons
- Simple to install via RVT – Rope Vice Tensioner
- Rope bag keeps equipment protected & stowed
- Easy to take down & install with quick release arm
- 24 mm spanner flats allow additional tension reducing sag
- Pulley will slip to avoid over tensioning
- Lightweight & portable
- Alloy construction powder coated
- Over 10K rope strength

* System may ship with red tensioner & red rope.

ROPE & CABLE ASSEMBLIES

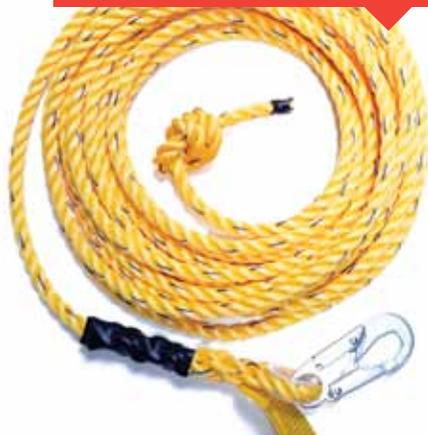
01340



Custom VLA*



POLY STEEL ROPE ALSO AVAILABLE IN YELLOW



11331



01400



Poly Steel Rope ↘

Poly Steel rope is exclusive to Guardian. It is ideal for environments that are found to be damp or wet. Nylon rope, when wet, will become 10% - 15% weaker than dry ropes. While the strength does return when nylon rope dries out, the Poly Steel will hold up better overall in these types of environments as they do not absorb water. Poly Steel is particularly strong when it comes to ultraviolet light damage. The synthetic makeup of Poly Steel gives the rope excellent abrasion resistant characteristics resulting in a longer life. The Guardian exclusive Poly Steel is 10 X stronger than Polypropylene. While the rope will become fibrous, this does not mean it needs to be replaced. This is a result of normal everyday wear.

Polydac™ Rope ↘

Polydac™ rope is one of the strongest conventional ropes available today. The Polydac™ rope is 100% resistant to rot or mildew even if stored wet. Polydac™ rope absorbs more energy than any other type of rope available today, 12 times as much as Manila and 50% more than polyester. The working load elongation is 8%. Polydac™ rope has excellent resistance to alkalis and most solvents. Polydac™ rope provides good abrasion protection, but UV rays still degrade all synthetic fibers. Polydac™ rope has a melting point of over 300 degrees.

* Custom ropes are available upon request.

ROPE & CABLE ASSEMBLIES

Part#	Size	Description	Weight
Poly Steel Rope Assemblies			
01310	25'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	5.00
01320	50'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	8.00
01323	75'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	10.00
01324	100'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	12.00
01325	130'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	14.00
01327	150'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	17.00
01326	200'	Vertical Lifeline Assembly w/ Shock Pack, Positioning Device & 18" Lanyard Extension	19.20
11318	30'	No Tangle VLL Assembly w/ Swivel Snap Hook, Shock Pack, Positioning Device & 18" Lanyard Extension	6.13
11320	50'	No Tangle VLL Assembly w/ Swivel Snap Hook, Shock Pack, Positioning Device & 18" Lanyard Extension	8.23
01330	25'	Standard 5/8" Rope w/ Snap Hook end	2.90
01340	50'	Standard 5/8" Rope w/ Snap Hook end	5.00
01350	75'	Standard 5/8" Rope w/ Snap Hook end	7.00
01360	100'	Standard 5/8" Rope w/ Snap Hook end	9.00
01365	150'	Standard 5/8" Rope w/ Snap Hook end	11.00
01345	200'	Standard 5/8" Rope w/ Snap Hook end	13.00
White Polydac™ Rope Assemblies			
11321	25'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	3.90
11322	30'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	4.00
11323	50'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	5.00
11324	75'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	7.00
11325	100'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	9.00
11326	130'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	11.00
11327	150'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	13.00
11328	200'	VLL Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	17.00
11329	25'	Polydac™ Rope w/ Snap Hook end	3.50
11330	30'	Polydac™ Rope w/ Snap Hook end	4.00
11331	50'	Polydac™ Rope w/ Snap Hook end	5.00
11332	75'	Polydac™ Rope w/ Snap Hook end	7.00
11333	100'	Polydac™ Rope w/ Snap Hook end	9.00
11334	150'	Polydac™ Rope w/ Snap Hook end	13.00
11335	200'	Polydac™ Rope w/ Snap Hook end	17.00
Wire Rope			
01400	3/8"	Wire Rope – Tensile Strength 14,400 lb. (cut to order by ft.)	0.32
01410	3/8"	Drop Forged Clamp for Wire Rope	0.50

A confined space is any space that ↘

1. Has limited or restricted means of entry or exit
2. Is large enough for a person to enter to perform tasks
3. Is not designed or configured for continuous occupancy
4. Is any covered space of depth more than 4 feet

A utility tunnel, the inside of a fluid storage tank, a septic tank that has contained sewage and a small underground electrical vault are all examples of confined spaces. The exact definition of a confined space varies depending on the type of industry. That is, confined spaces on a construction site are defined differently than confined spaces in a paper mill. Confined spaces that present special hazards to workers, including risks of toxic or gas accumulation, fires, falls, flooding, and entrapment may be classified as permit-required confined spaces depending on the nature and severity of the hazard.

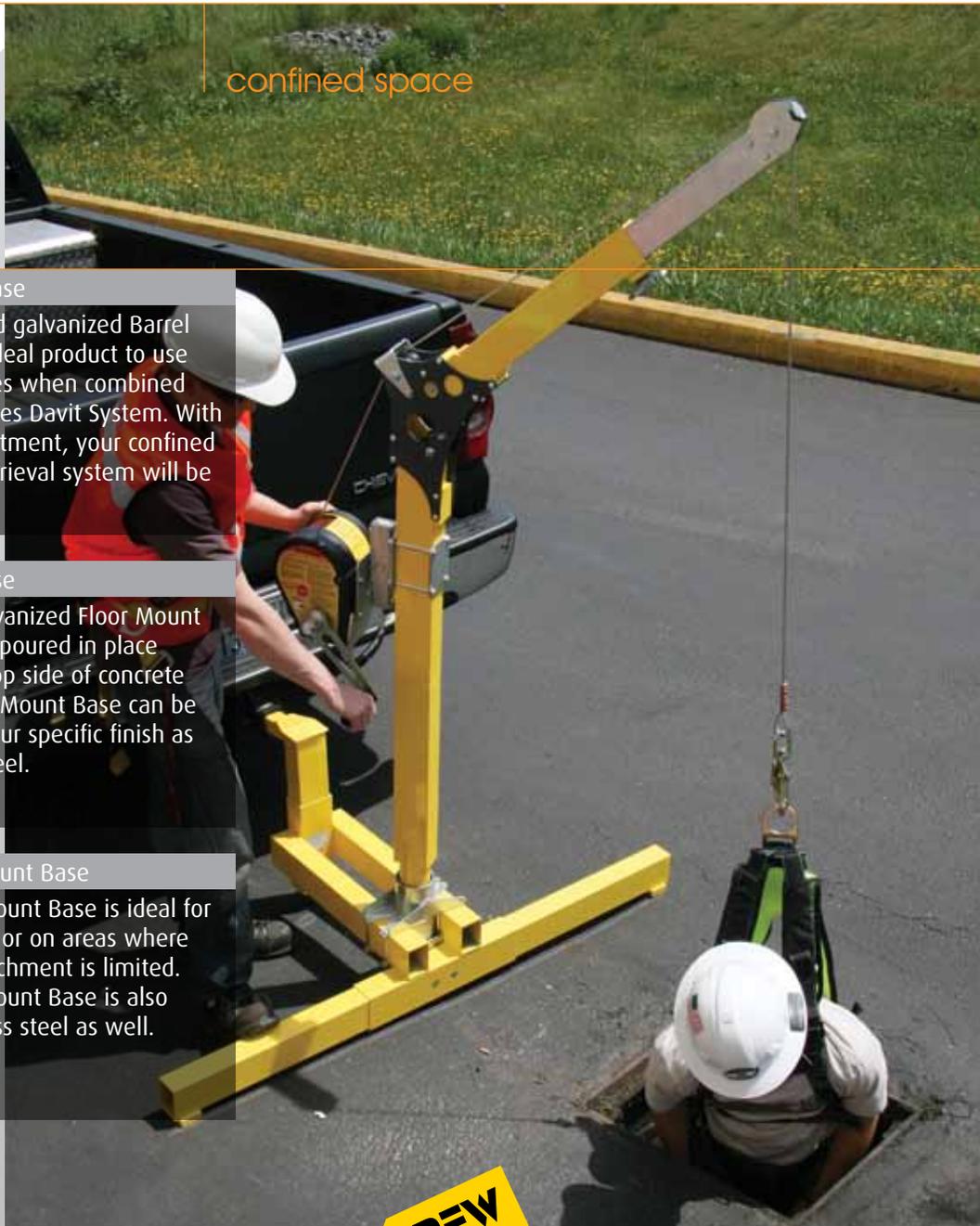
A confined space that requires a permit must meet the guidelines as established by either Federal or State safety standards and regulations. These regulations include developing a written program, issuing entry permits, assigning attendant(s), designating entrants, and ensuring a means of rescue.

Injuries and fatalities involving confined spaces are frequent and often involve successive fatalities when would-be rescuers succumb to the same problem as the initial victim. According to data collected by the U.S. Department of Labor and Statistics, Census of Fatal Occupational Injuries program, fatal injuries in confined spaces fluctuated from a low of 81 in 1998 to a high of 100 in 2000 during the five-year period, averaging 92 fatalities per year.

** The rescue scene on this page uses a rescue mannequin and is not the image of an actual rescue victim.*







1 Barrel Mount Base

Our new hot dipped galvanized Barrel Mount Base is an ideal product to use on circular structures when combined with our PRO-2 Series Davit System. With four points of adjustment, your confined space entry and retrieval system will be stable for use.

2 Floor Mount Base

Our hot dipped galvanized Floor Mount Base can be either poured in place or secured to the top side of concrete flooring. The Floor Mount Base can be customized with your specific finish as well as stainless steel.

3 4-Point Wall Mount Base

The 4-Point Wall Mount Base is ideal for use in utility vaults or on areas where your means of attachment is limited. The 4-Point Wall Mount Base is also available in stainless steel as well.



"NO PIN" PRO-2 DAVIT SYSTEM

Part#	Description
30671	PRO-2 Plus Series Hitch Mount Base (2 piece)
30693	PRO-2 Series Hitch Mount Base (4 piece)
30672	PRO-2 Series Bridge Barrier Base (2 piece)
30673	PRO-2 Series Counterweight Base (3 piece)
30174	PRO-2 Davit, 22R-117H (2 piece)
30056	PRO-2 Davit, 22R-137H (2 piece)
30636	Barrel Mount Base, 3/16" to 2 1/4", CS-500 finish
30648	Floor Mount Base, mild steel, hot dip galvanized
30630	Floor Mount Base, 304 stainless steel, sandblasted
30633	4-Point Wall Mount Base, 304 stainless steel
30654	4-Point Wall Mount Base, mild steel

The PRO-2 Series Davit System is ideal if you experience multiple entry environments. We can provide a number of base options including custom design support. The base options even include an aluminum truck mounted system as seen in the picture above.



1 PRO-3 Portable Base
 The PRO-3 Portable Base has four independent support legs. The male legs can also be adjusted outward, so the base can “wrap around” a hole from 54” to 75” Ø. The Davit sleeve may also be moved left to right to allow rotating the davit in rescue applications.



2 Adaptor Bracket
 Our Pro-3 Series allows for a variety of competitor’s 3-Way Retractable’s to be attached to the post. System is designed for a 3-Way, material or personnel winch.



3 Upper & Lower Masts
 The Davit Arm allows for easy adjustment as well as providing an energy absorbing feature that is unsurpassed by any other product on the market. The entire system adjusts without pins of any kind.



“NO PIN” PRO-3 HOIST SYSTEM

Part#	Description
20635	PRO-3 Hoist System: 30604 / 30608/ 60641
30604	54”(H) x 28”(W) PRO-3 Series Upper Mast
30608	40”(H) PRO-3 Series Lower Mast
60641	62 mm Bracket, Winch Structure #6 - 62 mm for Davits
60686	Adaptor Bracket
10983	3-Way Tri-Pod Bracket for use w/ Arc-O-Pod
60690	Davit Bracket Kit: 60641 / 60686 / 10983

The legs of the base can be adjusted to accommodate the size of the confined space entrance as well as uneven surfaces. The davit arms can be used in conjunction with a Guardian Winch or one of our SRL’s. One of the key advantages to this system is that it gives the user maximum safety while still being easily portable once the work is done.

Guardian’s PRO-Series Davits are available in a wide variety of heights and reaches, with features ranging from basic fixed position jobs to fully rotational and adjustable Davit arms for multiple applications. PRO-Series Davits feature pin-less adjustment, which eliminates lost or damaged locking pins. Various designs are available, including free-standing, counterweighted, clamp-on or vehicle mounted systems.

The PRO-3 Hoist System is designed for confined space work and rescue. The PRO-3 base is both portable and adaptable to whatever confined space applications you may encounter.

NEW

"NO PIN" TRIPODS & WINCHES

1 PRO-Series Winches

Guardian PRO-Series winches are available in a variety of cable capacities with your choice of lifeline length, size and materials. These winches are specifically designed for personnel handling in a wide range of confined space, fall protection and rescue applications.

2 Adaptor Bracket

Guardian offers Adaptor Bracket for our popular 3-Way units as well as the PRO-Series Winches.

3 3/16" SS Cable w/Snap Hook

- 3/16" 7 x 19 Stainless Steel Cable
- 3,700 lb. tensile strength

"NO PIN" Tripods

Tripods remain the first choice for economical compliance in many basic confined space and fall arrest applications. Guardian "NO PIN" Super Light Tripods provide outstanding value in a lightweight package featuring pinless adjustment.

PRO-Series Winches

- Ergonomic cranking (folding) carrying handle
- High impact resistant plastic cover
- Hardened stainless steel drive gears
- Secondary brake (meets ANSI Z359.4 - 2007)
- Brake wear indicator



Part#	Size	Description	Weight
30612	7'	PRO-2 7' 3 Stage "NO PIN" Super Light Tripod	36.50
30614	10'	PRO-3 10' 3 Stage "NO PIN" Super Light Tripod	43.50
60002	60'	PRO-1 Best Winch w/ 60' Stainless Steel Cable	27.00
60604	100'	PRO-1 Best Winch w/ 100' Stainless Steel Cable	31.00
60610	150'	PRO-2 Best Winch w/ 150' Stainless Steel Cable	35.80
60612	200'	PRO-2 Best Winch w/ 200' Stainless Steel Cable	N/A
60618	250'	PRO-3 Best Winch w/ 250' cable	N/A
60620	300'	PRO-3 Best Winch w/ 300' cable	N/A
10974	50'	3-Way Rescue & Retrieval Retractable Lifeline	26.00
10981	65'	3-Way Rescue & Retrieval Retractable Lifeline	27.00
10983		3-Way Tripod Bracket for use w/ Arc-O-Pod	N/A
60642	38 mm	Bracket, Winch Structure #2 - 38 mm for 30612 Tripod	N/A
60643	44 mm	Bracket, Winch Structure #3 - 44 mm for 30614 Tripod	N/A
60686		Adapter Bracket	N/A
60691	7'	Tripod Bracket Kit: 60686 / 60642 / 10983	N/A
60692	10'	Tripod Bracket Kit: 60686 / 60643 / 10983	N/A



COLLAPSIBLE TOWER



1 Lightweight
Made of reinforced aluminum, the Collapsible Tower is lightweight and easily breaks down for transportation.



2 Easy to Handle
The Collapsible Tower sets up in seconds and is completely removable.



3 Unique
The system can be used for fall arrest up to 3 people or fall restraint up to 6 people.

Part#	Description
30639	Weld On/Bolt On Mounting Bracket for Tri-Post
30646	PRO-1 Series Fall Arrest Tri-Post, 288" working height, 1 person fall arrest
30647	PRO-2 Series Fall Arrest Tri-Post, 172" working height, 2 person fall arrest
30637	PRO-3 Series Fall Arrest Tri-Post, 55" working height

The Collapsible Tower is the only fall arrest and/or restraint device of its kind. The unit is lightweight, versatile, and cost effective. Unique only to this system is the ability to put either three (3) workers in arrest or six (6) workers in restraint. The Collapsible Tower device is ideal for leading edge work, concrete, or steel. There are a variety of bases and the "NO PIN" feature allows for fast deployment.

The Arc-O-Pod is a high quality tripod that incorporates a variety of upgraded features over other brands at an affordable price. The Arc-O-Pod comes with a stability chain and carrying case. All of our confined space systems are stocked in regional warehouses for reduced shipping costs.

7 ft. aluminum tripod is lightweight and portable, easily set-up by one worker and can be transported from one location to another just as easy with the included bag.

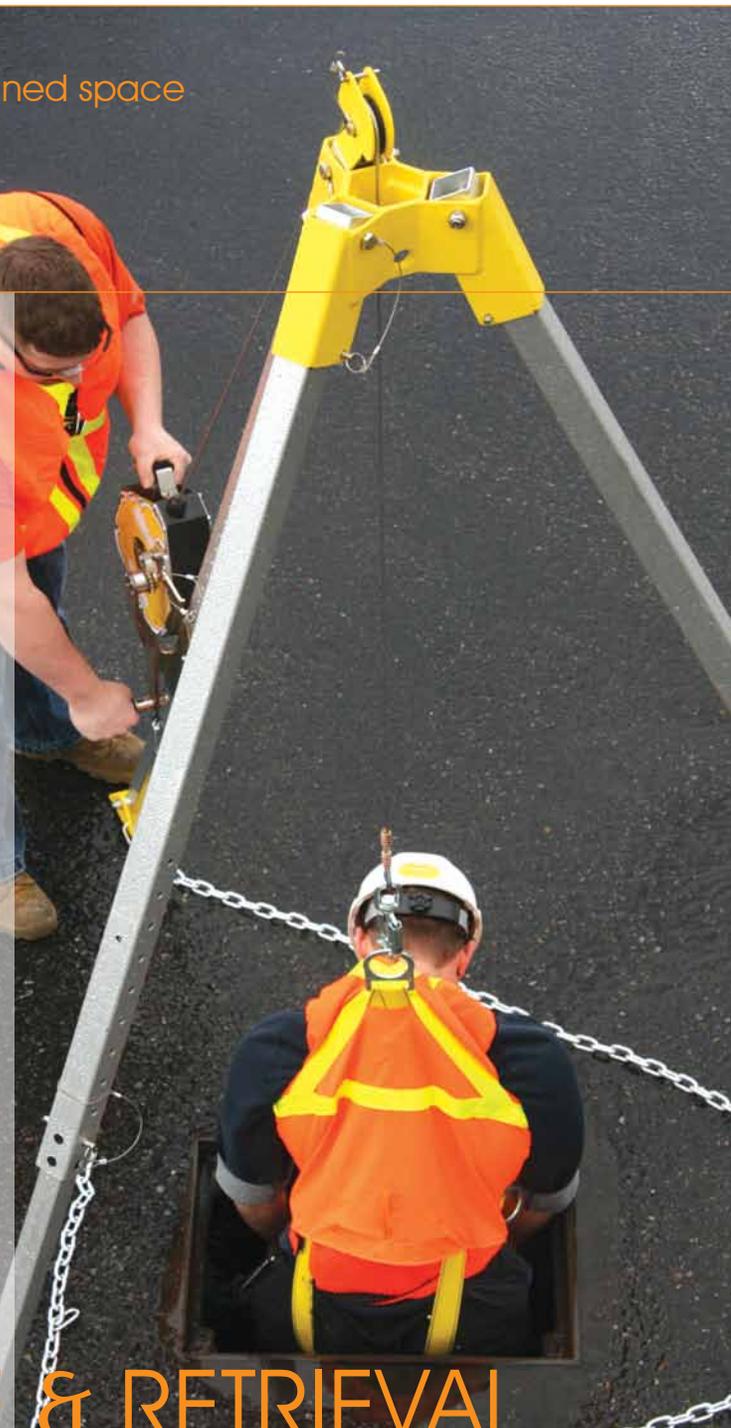
Adjustable locking legs adjust quickly in increments of 2" for added safety and are kept in position with locking push pins and will span a 5½ ft diameter hole. Legs are non-slipping to eliminate handling difficulty while adjusting.

Complete with safety chain to prevent movement and safety shoes that incorporate a rubber sole for flat surfaces and spiked edges for slippery surfaces.

Heat treated cast aluminum head incorporates a built-in pulley system to route lifeline of mechanical device directly over opening. Also equipped with drop forged steel eyebolts for use as anchorage point for secondary or back-up system. Complete with quick-mount bracket for attachment of Guardian 3-Way Rescue Retrieval SRL for ease of use.

Additional mechanical devices can be mounted to tripod with optional bracket/pulleys. Rated working load is 350 lb. for work support and 310 lb. for fall arrest and can withstand up to 5,000 lb. of vertical pull.

Meets or exceeds ANSI Z359.1, ANSI A10.14 and OSHA strength requirements for anchorages (5,000 lb.).



ARC-O-POD RESCUE & RETRIEVAL

Part#	Description
20001	Arc-O-Pod Rescue & Retrieval System Kit: 15030 (64" Tripod) / 10974 (50' 3-Way SRL) / 00768 (Ultra Sack Bag)
20004	Arc-O-Pod Rescue & Retrieval System Kit: 15030 (64" Tripod) / 10981 (65' 3-Way SRL) / 00768 (Ultra Sack Bag)
15050	Arc-O-Pod Rescue & Retrieval System Kit: 15030 (64" Tripod) / 15028 (Winch) / 15027 (Winch Adaptor) / 00768 (Bag)
15030	Arc-O-Pod Rescue & Retrieval System: 64" Tripod / Pulley / Bracket / Chains / 00768 (Ultra Sack Bag)
10974	50' 3-Way Rescue & Retrieval Retractable*
10981	65' 3-Way Rescue & Retrieval Retractable*
10983	Bracket for 3-Way Rescue & Retrieval Retractable*
10991	Adapter Shim for 3-Way Rescue & Retrieval Retractable*
15025	Tripod Pulley*
15027	Winch Adaptor for Arc-O-Pod*
15028	60' Man-Rated Winch*

* Sold separately.

3-WAY RESCUE & RETRIEVAL SRL



1 Easy Handle
Easy handle feature allows for quick adjustment and movement of the 3-Way Retractable.



2 High Quality
High quality machined parts make up the 3-Way Retractable so that the product is durable and dependable.

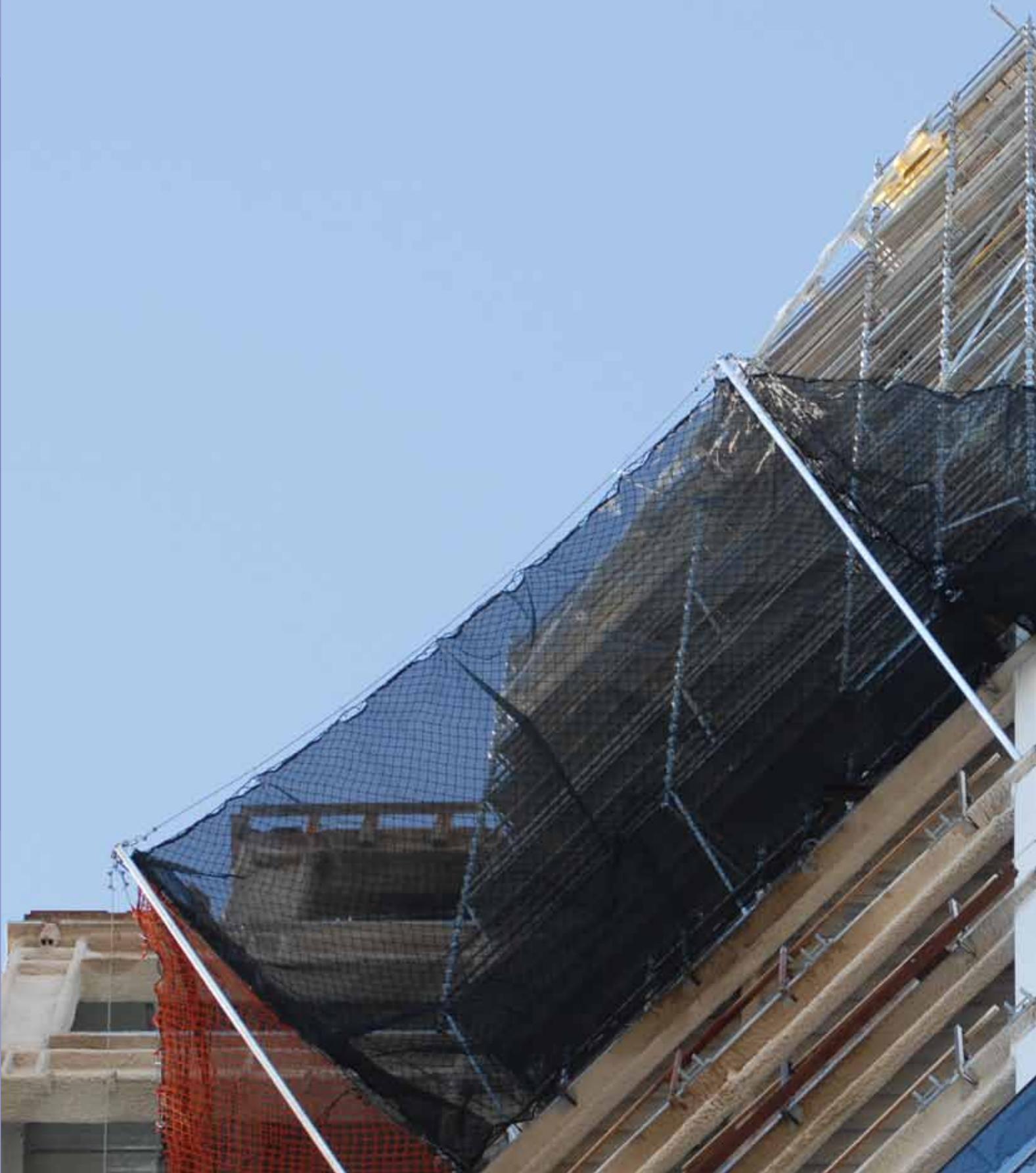


3 Proprietary Design
Proprietary design of internal mechanisms have created a cost effective system unlike anything available on the market today.



50'	65'	Description
10974	10981	3-Way Rescue & Retrieval Self-Retracting Lifeline

Guardian is excited to introduce our new 3-Way Confined Space Rescue Retrieval Retractable. To the chagrin of our competitors, and in keeping with our market approach, we are able to bring this unit to market at a considerable savings. Through U.S. machining fabrication and manufacturing, the new 3-Way Retractable provides a dependable alternative to the overpriced systems on the market today.



Job shutdown, two weeks to design, fabricate and install... sound familiar? This is, and has always been, the speciality of Guardian Fall Protection. We are there to respond when others simply can't because they are too big to react or unwilling to step outside of their corporate parameters to get the job done.

We specialize in achieving what is not always the easiest thing to do. As was the case with this netting project, with Guardian's vast resources, relationships, and capabilities, we enjoy being that 911 call you or your customers can make to get the workers back to the job safe and productive.

CONSTRUCTION SAFETY NETTING



Part#	Size	Description
70001	48"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70002	48"(h) x 150'(l)	Blue Fire Retardant Debris Polyethylene (PE) Netting – Roll
70003	48"(h) x 150'(l)	Black Fire Retardant Debris Polyethylene (PE) Netting – Roll
70004	60"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70005	66"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70006	102"(h) x 150'(l)	Orange Fire Retardant Debris Polyethylene (PE) Netting – Roll
70007	48"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70008	66"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70009	102"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70010	180"(h) x 150'(l)	Black Fire Retardant 70 Pro-Knit MM Polyethylene (PE) Netting – Roll
70014		Netting Plate
70015		Netting Clip

CONSTRUCTION SAFETY NETTING

Standards ↘

1926.502(b)(4)

When the 200 pound (890 N) test load specified in paragraph (b)(3) of this section is applied in a downward direction, the top edge of the guardrail shall not deflect to a height less than 39 inches (1.0 m) above the walking/working level. Guardrail system components selected and constructed in accordance with the Appendix B to subpart M of this part will be deemed to meet this requirement.

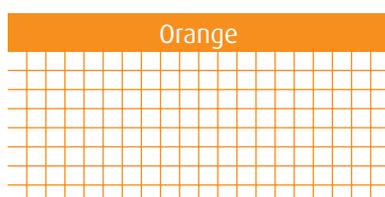
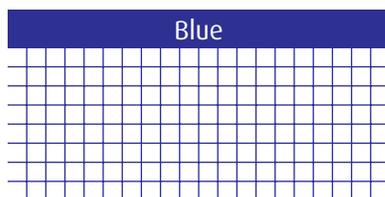
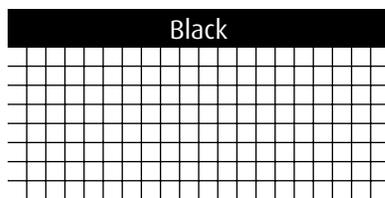
1926.502(b)(5)

Midrails, screens, mesh, intermediate vertical members, solid panels, and equivalent structural members shall be capable of withstanding, without failure, a force of at least 150 pounds (666 N) applied in any downward or outward direction at any point along the midrail or other member.

Specifications ↘

- UV resistant
- Reinforced border
- Stocked in regional warehouses
- Custom colors available

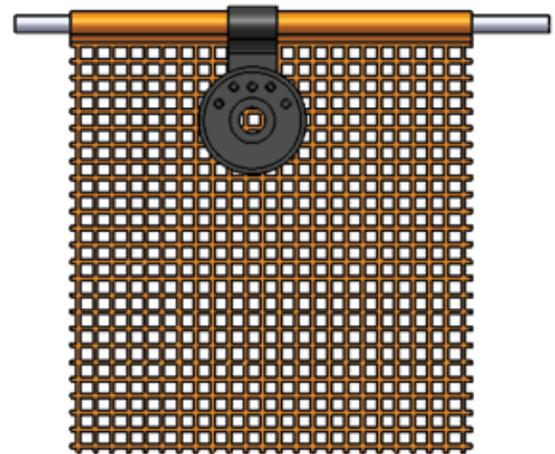
Color Options ↘



Netting Top Installation ↘

Step 1 Attach top of net to 1/4" aircraft cable with plastic clips.

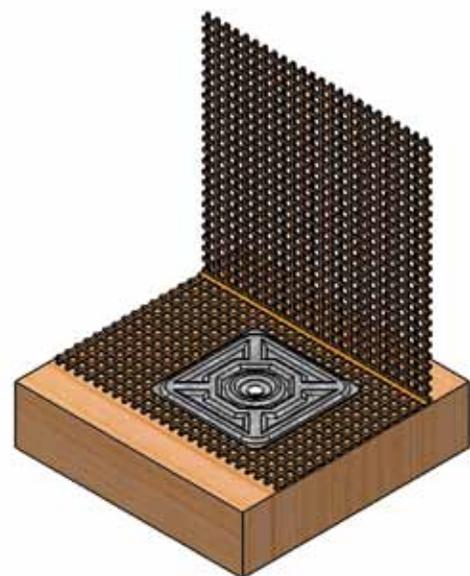
Step 2 Install plastic clips every 2 feet on center.



Netting Bottom Installation ↘

Step 1 Fasten bottom of net to floor slab with metal plates using 16 penny nails.

Step 2 Install metal plates every 2 feet on center.



RESIDENTIAL SAFETY NETTING

Part#	Size	Description
61095	7' x 7'	Residential Safety Netting - Web w/ 8 Web Straps
61085	12' x 12'	Residential Safety Netting - Web w/ 14 Web Straps
61086	12' x 17'	Residential Safety Netting - Web w/ 16 Web Straps
61087	12' x 22'	Residential Safety Netting - Web w/ 19 Web Straps
61088	12' x 27'	Residential Safety Netting - Web w/ 22 Web Straps
61089	17' x 17'	Residential Safety Netting - Web w/ 20 Web Straps
61090	17' x 22'	Residential Safety Netting - Web w/ 22 Web Straps
61091	17' x 27'	Residential Safety Netting - Web w/ 25 Web Straps
61092	22' x 22'	Residential Safety Netting - Web w/ 24 Web Straps
61093	22' x 27'	Residential Safety Netting - Web w/ 27 Web Straps
61094	27' x 27'	Residential Safety Netting - Web w/ 30 Web Straps



Style: Raschel Knotless Netting
Fiber: High Tenacity, Polypropylene (HTPP)
Cord Diameter: 3/16 inch (4.75 mm)
Mesh Size: 4" (100 mm) square opening measured between mesh joints
Mesh Break: 720 lb.
Dynamic Drop Test: 7,000 lb.
ANSI A10.11 test method, 350 lb. test weight dropped 20 ft into 17 x 24 ft bordered net without deformation
Weight: 0.034 lb/ft² (166 g/m²)
Melting Point: 320°F (160°C)
UV: Extra UV Stabilizers added
Color: Orange

CHOOSING YOUR NETTING

Knotless netting with a four inch square mesh. Knots are eliminated using a balanced knitted construction with filaments running continuously throughout the netting to enhance strength and durability. HTPP fiber is highly resistant to abrasion, is lightweight and resistant to moisture and chemicals.

Residential Safety Netting System eliminates the need for interior scaffolding in clear story/balloon framed areas. The safety net is easy to setup, remove and store. Constructed of rugged high-strength fiber netting with integrated rope cording, the safety net is held in place over the work area with rope and adjustable cinch straps.

Choose the appropriate safety net by measuring the width and length of the work area to be protected. The net structure is supported with three sets of reinforcement ropes affording up to twenty-five dimensional adjustments in width and length. Lay the net on the floor and choose the appropriate perimeter rope to be used for fastening the net over the work area. **Custom sizes are made to order.**

Note: If plumb and line braces need to be removed to complete installation of the safety net, ensure that the Foreman for that job is present and that the braces are reinstalled properly.

Caution: Care must be taken not to draw the walls in toward the net when the straps are tightened. Temporary reinforcement of the frame work may be necessary, taking into consideration the weight and stress of the net in use. Safe practices must always be used when employing the use of ladders, hoists and scaffolding during installation and removal of the net.

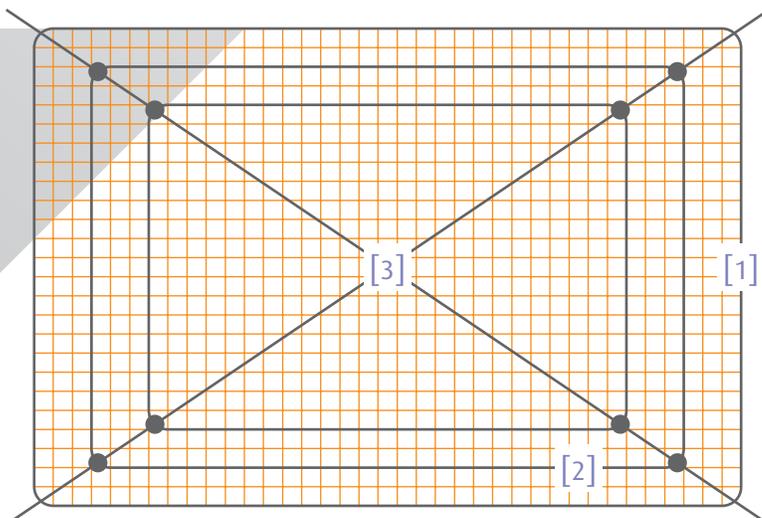
17' x 22' (X x Y)				
13' x 18'	13' x 19'	13' x 20'	13' x 21'	13' x 22'
14' x 18'	14' x 19'	14' x 20'	14' x 21'	14' x 22'
15' x 18'	15' x 19'	15' x 20'	15' x 21'	15' x 22'
16' x 18'	16' x 19'	16' x 20'	16' x 21'	16' x 22'
17' x 18'	17' x 19'	17' x 20'	17' x 21'	17' x 22'

17' x 27' (X x Y)				
13' x 23'	13' x 24'	13' x 25'	13' x 26'	13' x 27'
14' x 23'	14' x 24'	14' x 25'	14' x 26'	14' x 27'
15' x 23'	15' x 24'	15' x 25'	15' x 26'	15' x 27'
16' x 23'	16' x 24'	16' x 25'	16' x 26'	16' x 27'
17' x 23'	17' x 24'	17' x 25'	17' x 26'	17' x 27'

22' x 22' (X x Y)				
18' x 18'	18' x 19'	18' x 20'	18' x 21'	18' x 22'
19' x 19'	19' x 20'	19' x 21'	19' x 22'	
20' x 20'	20' x 21'	20' x 22'		
21' x 21'	21' x 22'	22' x 22'		

22' x 27' (X x Y)				
18' x 23'	18' x 24'	18' x 25'	18' x 26'	18' x 27'
19' x 23'	19' x 24'	19' x 25'	19' x 26'	19' x 27'
20' x 23'	20' x 24'	20' x 25'	20' x 26'	20' x 27'
21' x 23'	21' x 24'	21' x 25'	21' x 26'	21' x 27'
22' x 23'	22' x 24'	22' x 25'	22' x 26'	22' x 27'

27' x 27' (X x Y)				
23' x 23'	23' x 24'	23' x 25'	23' x 26'	23' x 27'
24' x 24'	24' x 25'	24' x 26'	24' x 27'	
24' x 25'	25' x 26'	25' x 27'		
24' x 26'	26' x 27'	27' x 27'		



- [1] Perimeter Ropes (3) one feet apart
- [2] Knotted Cross Ropes (8) places
- [3] Cross Ropes (2)

rescue, escape & descent systems





rescue, escape & descent systems

What OSHA Says About Rescue ↘

1926.502(d)(20)

The employer shall provide for prompt rescue of employees in the event of a fall or shall assure that employees are able to rescue themselves.



RAPID DEPLOYMENT RESCUE LADDER

Part#	Size	Description	Weight
15022	12'	Rapid Deployment Rescue Ladder	17.00
15023	12'	Rapid Deployment Rescue Ladder Kit	25.20
15046	20'	Rapid Deployment Rescue Ladder Kit	36.50

While 300 feet off the ground and rescuing a fellow co-worker every second counts. The Rapid Deployment Rescue Ladder (R.D.R.L.) is an industry first-employing a simplistic approach to a self or assisted rescue.

Rope ladders are difficult and create further fatigue on the rescuer and the fallen victim. The R.D.R.L. is specially designed and tested for the wind energy market. The durable ladder is safe for work positioning while rescuing a victim. The unique ladder standoffs make footholds easier to use and self-rescue more likely.

The purpose of this Rapid Deployment Rescue Ladder is to close the loop on safety – to give you a reliable option when you need it. The rescue ladder can be deployed in seconds and save the life of a fellow co-worker and reduce the exposure of rescue personnel.



Rapid Deployment Rescue Ladder ↘

- Drastically reduces rescue time
- Simple training
- Easy to use
- The only rescue device on the market for the wind energy field that doesn't cost thousands of dollars to buy & thousands of dollars for training

Rapid Deployment Rescue Ladder Kits ↘

- One 12 ft. or 20 ft. Aluminum Ladder
- Two 3 ft. Premium Cross Arm Straps (10785)
- Two 3,600 lb. gate rated Pompier Hooks (01850)
- Weather Grade Carrying Bag (00763-RDRL)
- Instructional DVD & card

R.D.R.L. DEPLOYMENT STEPS



1 Step

Locate the R.D.R.L. upon entry into the nacelle.



2 Step

Remove the R.D.R.L. and the Pompier Hooks from the weather-proof storage bag.



3 Step

Attach the Pompier Hooks to the swaged eyes at the top of the R.D.R.L. and put the ladder back to the storage bag.



4 Step

Attach the Premium Cross Arm Straps to the fall protection anchor rail.



5 Step

Attach the Pompier Hooks to the Premium Cross Arm Straps.



6 Step

Deploy the R.D.R.L. to one side of the fallen victim. Worker now can self-rescue or rescuer can easily reach the victim to assist.

The deployment of the R.D.R.L. is simple and fast. The system can be easily stored in any nacelle for quick access.

The first 3 steps must be completed prior to moving out to the top of the nacelle. If a worker falls while performing construction or maintenance tasks, the kit is ready for immediate use.

AUTHORIZED RESCUE TRAINING IS REQUIRED PRIOR TO USING ANY GOTCHA RESCUE KITS. GO TO PAGE 196 FOR MORE DETAILS.

rescue, escape & descent systems

NEW

GOTCHA RESCUE KITS

Part#	Description	Weight
53027	Gotcha Rescue Kit w/ 160 ft. Rope	15.00
53028	Gotcha Rescue Kit w/ 325 ft. Rope	24.00
53029	Gotcha Rescue Kit w/ 490 ft. Rope	33.00
53030	Gotcha Rescue Kit w/ 655 ft. Rope	42.00
53031	Grabba – Optional add to Gotcha Rescue Kit	0.70
53036	Gotcha Shark Rescue Kit w/ 215 ft. Rope	18.00
53037	Gotcha Shark Rescue Kit w/ 325 ft. Rope	23.00

Gotcha Rescue Kit ↘

The Gotcha Rescue kit is a unique solution to problems faced by all workers at height who use PPE for protection against falls. Whereas most rescue provisions have focused on the more extreme activities carried out at height, the Gotcha Kit is designed for tradesmen who use common items of fall protection. In the event of a fall their situation, if suspended in a harness, is just as serious as any other worker and a swift recovery is essential. The kit will work effectively with conscious or unconscious victims, the rescuer can carry out the rescue from a point of safety, the rescue can be carried out by a single person, no cutting is required and you can raise or lower the victim in a controlled manner to the nearest point of safety.

- Suitable for rescue from lanyards & retractables
- Victim is raised to release from their original attachment
- No assembly is required by the user
- The kit is for raising or lowering a single person
- Color coded for simplicity

Grabba (53031) ↘

The Grabba is an optional add-on to the Gotcha kit. It enables the rescue of persons suspended from retractable fall arrest devices while using rope or wire. The Gotcha Kit should be attached to the Grabba. The Grabba is then mounted on the rope or wire that the victim is suspended from. The Gotcha Kit is then extended so the Grabba slides down the rope or wire to the victim. When it reaches the victim the device locks onto the dorsal D-ring. When pulled upwards the Grabba grabs the wire or rope and a normal Gotcha Kit rescue can now be performed, raising or lowering the casualty to a point of safety.

Gotcha Shark Rescue Kit ↘

A rescue kit that is ideal for those who consider work at height a key part of their skill such as those who work on towers and masts.

- Suitable for rescue from lanyards, vertical fall arrest systems & web SRL's
- Victim is released by cutting attachment with a unique bladeless cutter
- The Shark is a descent rescue kit
- No assembly is required by the user
- The rescuer accesses the victim in order to recover them
- Two person use – rated for loads up to 660 lb. in normal use



Gotcha Rescue Kit



Gotcha Shark Rescue Kit

GOTCHA RESCUE KITS

Part#	Description	Weight
53032	Gotcha CRD Rescue Kit w/ 195 ft. Rope	22.00
53033	Gotcha CRD Rescue Kit w/ 325 ft. Rope	25.00
53034	Gotcha Fire & Rescue Kit w/ 195 ft. Rope	20.00
53035	Gotcha Fire & Rescue Kit w/ 325 ft. Rope	23.00



Gotcha CDR Rescue Kit

Gotcha CRD Rescue Kit ↘

The CRD is a Constant Rate Descent device suitable for rescue and evacuation. It is suitable for rescue from vertical situations where you can access the casualty.

- Suitable for evacuation from high structures where constant rate lowering & minimal user input are required
- The victim can be lowered to safety or raised for limited distances
- The user can descend to safety at a constant rate controlled by the device
- No assembly is required by the user
- Multiple evacuation – once the first user has safely descended the system can be used by additional users in quick succession
- Two person use – the Gotcha CRD is rated for loads up to 495 lb.
- For loads up to 330 lb. it is available in lengths of up to 1310 ft.

Gotcha Fire & Rescue Kit ↘

This is a rescue kit for the professionals and is ideally suited for fire and rescue services. The Fire and Rescue kit provides a flexible solution to rescues involving vertical, horizontal and tensioned lines.



Gotcha Fire & Rescue Kit

- Suitable for rescue from vertical and horizontal situations where a flexible line system is required that can be tensioned or released in a controlled manner. This will allow raising, lowering and tensioning operations.
- Victims can be recovered without the need to cut them free
- The Gotcha Fire and Rescue kit is capable of rescuing vertically up and down as well as horizontally by tensioning
- No assembly is required but the kit can be changed from lowering mode into raising mode by altering the configuration
- Assisted rescue – the Gotcha Fire and Rescue kit can be used in many ways and is designed to work in conjunction with a second kit to provide additional security where required
- A single kit is capable of lowering or raising a single casualty
- Two person use – two kits used together will provide a secondary system suitable for lowering a rescuer to victim and then raising or lowering both the rescuer and the victim to a point of safety
- Capable of being used for lowering operations up to maximum length

AUTHORIZED RESCUE TRAINING IS REQUIRED PRIOR TO USING ANY GOTCHA RESCUE KITS. GO TO PAGE 196 FOR MORE DETAILS.

rescue, escape & descent systems



SELF & ASSISTED RESCUE KITS

[1] Self-Rescue Kit (15006) ↘

The SRK-11™ is a true Self-Rescue kit: each worker has his own kit, assuring independent, immediate self-rescue capability! The SRK-11™, Tech Safety Lines' unique emergency egress and Self-Rescue kit, utilizes a high-heat line with a tensile strength exceeding 7000 lb. The SRK-11™ features the Military Compact Descender, the MCD. This descent device provides a rapid means of descent – safeguarded by both a passive and active braking system.

The SRK-11™ Self-Rescue kit is certified by UL as being ANSI Z359.4-October, 2007 compliant which is the ANSI standard for Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components.

[2] Assisted Rescue Kit (15005) ↘

This Tech Safety Lines Assisted Rescue kit allows just one person to successfully perform a rescue in minutes! This rescue system is based upon three basic steps:

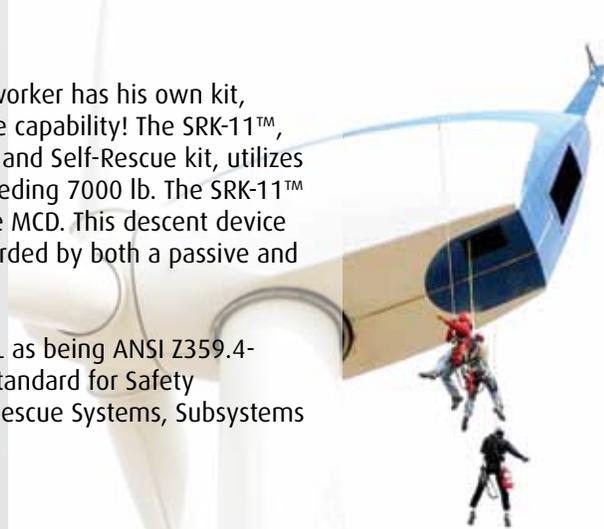
1. Access victim
2. Raise the victim to release pressure on fall
3. Lower him or her easily to the ground

Innovative gear includes:

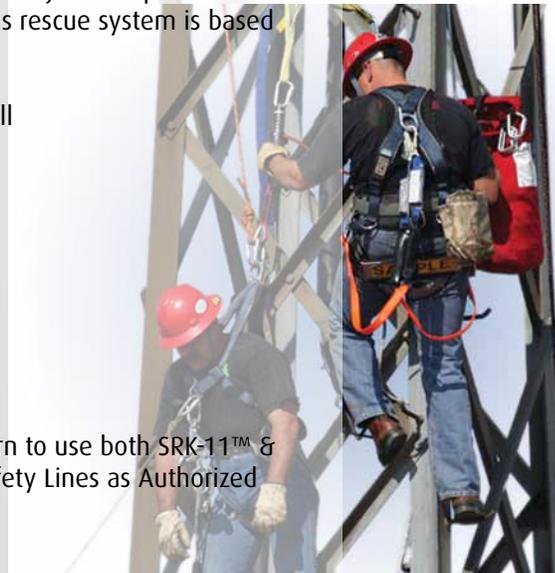
- Telescopic pole used to reach victim
- Components for a variety of situations
- Proven track record
- Adaptable for Real-Life Rescues

2-Day Training (EDU-15005/6) ↘

Students that attend our 2-day class and learn to use both SRK-11™ & ARK successfully, will be certified by Tech Safety Lines as Authorized Rescuers for their company.



[1]



[2]



Part#	Description	Weight
15005	Assisted Rescue Kit (ARK)	40.00
15006	Self-Rescue Kit (SRK-11™)	7.00
EDU-15005/6	TSL Authorized Rescue 2-Day Training	N/A



RESCUE KITS & ACCESSORIES

Gotcha Evacuation Kit



Gotcha Evacuation Kit (53040) ↘

The Gotcha Evacuation kit is a lightweight, self-contained kit intended for evacuation of stranded personnel from elevated work areas – an evacuation kit that is ideal for use on elevated machinery. The kit is suitable for evacuation from automated racking systems, overhead cranes, elevated work platforms and high bay storage areas.

- No cutting or assembly is required by the user
- Rated for loads up to one person use
- Maximum Working Length – 65 ft. descent rescue kit
- Anchoring sling & connecting steel carabiners
- Auto-lock descender
- Rope protection



Rescue Ladder

Gotcha Suspension Loop (53038) ↘

The use of a Suspension Loop is an addition to any rescue system that can help to alleviate the effects of suspension in a harness. However, this must not be seen as a solution to the problem and is also of little use to unconscious victims. It can therefore be classed as an intermediate measure and rescue must follow.



Suspension Loop

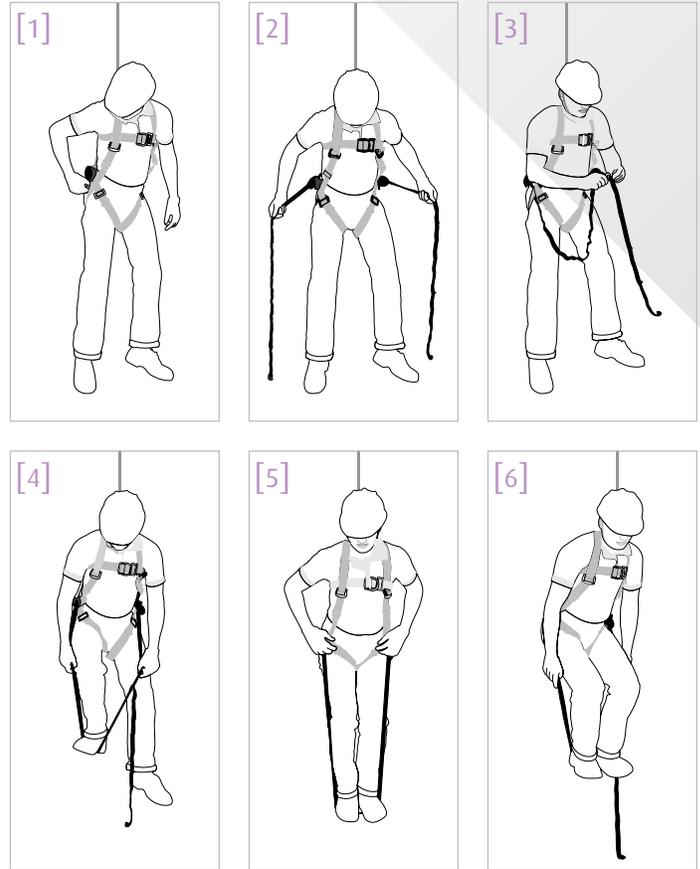
Rescue Ladder (10817) ↘

When working out of bucket trucks, aerial lifts, or any elevated work surface, it is important to be prepared at all times with this portable 14 ft Rescue Ladder. The Rescue Ladder device attaches to an anchor point and then to your harness. In the event of a fall, the ladder deploys and allows the worker to rescue him or herself.

Part#	Description	Weight
53038	Gotcha Suspension Loop Rescue Kit	1.50
53040	Gotcha Evacuation Rescue Kit	5.00
10817	Rescue Ladder	8.00

NEW

RESCUE G-LOOP



Part#	Description	Weight
10731	Rescue G-Loop	0.50

- Specially designed to help relieve the negative effects of Suspension Trauma
- Compact & lightweight
- Does not hamper the activity of worker while at work
- Allows the suspended worker to stand up in his harness to relieve pressure
- Easy to attach to the harness with the help of the textile loop & Velcro
- Easy deployment & full-proof operation

- [1] Unzip the pouches fitted on both sides of harness
- [2] Hold the two straps together
- [3] Connect the straps with each other making a loop with the help of easy-to-use buckle
- [4] Put your feet into the loop
- [5] Stand into the loop, so that the thigh straps are free to move
- [6] Adjust the sit strap towards the front to release pressure and give a seat-posture

TRAUMA PACK STRAP



Part#	Description	Weight
10730	Trauma Pack Strap	0.50



1 Easy Access

The Trauma Pack Strap partially deploys in the event of a fall that can be easily accessed by the worker. The Trauma Pack Strap can be attached to most make or models of harnesses, even the competitors.



2 Custom Fit

The web bridle includes foot stirrups and adjuster that allows the worker to custom fit their size. Located down the front of the fallen worker, the stirrups are simple to place your feet into to help relieve pressure off of your arteries until help arrives.



3 Construction

The Trauma Pack Strap is lightweight, made of durable nylon and loops onto most harnesses. No extra hardware is needed. The Trauma Pack Strap comes with a Velcro closure that can be manually deployed.

The Trauma Pack Strap is designed to address a serious problem associated with arrested falls called Suspension Trauma. The purpose of the Trauma Pack Strap is to give the user relief while waiting to be rescued.

The strap consists of a web bridle with foot stirrups and adjuster, contained in a pouch. It can easily be retrofitted to any full body harness, without altering the harness.

During the fall arrest, the Trauma Pack Strap will partially deploy, making it easy for the user to fully pull it from the pouch. The user would then place their feet in the rungs. The user can now stand or maintain a seated position.



scaffolding systems

The United States Department of Labor's Occupational Safety and Health Administration (OSHA) has issued a directive rescinding the Interim Fall Protection Compliance Guidelines for Residential Construction (STD 03-00-001).

Before issuance of this new directive, STD 03-00-001 allowed employers engaged in certain residential construction activities to use specified alternative methods of fall protection (e.g., slide guards or safety monitor systems) rather than the conventional fall protection (guardrails, safety nets, or personal fall arrest systems) required by the residential construction fall protection standard (29 CFR 1926.501(b)(13)). Employers could use the alternative measures described in STD 03-00-001 without first proving that the use of conventional fall protection was infeasible or created a greater hazard and without a written fall protection plan. With the issuance of the new directive, all residential construction employers must comply with 29 CFR 1926.501(b)(13).

Residential construction employers generally must ensure that employees working six feet or more above lower levels use guardrails, safety nets, or personal fall arrest systems. A personal fall arrest system may consist of a full body harness, a deceleration device, a lanyard, and an anchor point. (1)*

With the new focus by OSHA on fall arrest hazards regarding residential construction, Guardian has your full line of hanging scaffolds to get the job done safely. Capitalizing on our vast line of guardrails, we have the largest selection of steel and aluminum framed hanging scaffold in the market. In addition, we can provide engineering support for your custom requirements if needed.

* (1) Excerpt taken from www.osha.gov.

HANGING SCAFFOLDING SYSTEMS

1 End Rail

- 3' tall
- Lightweight welded steel
- Installs easily onto posts
- Caps off platform ends



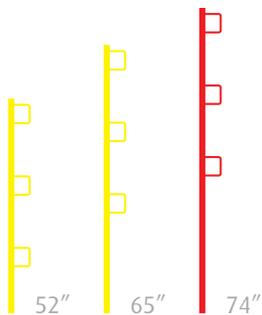
2 Bracket Frame

- Durable welded steel
- Great for eaves up to 18"
- Platform is 17" down from top plate
- Rails are 28" out from wall
- Extended bracket frame available for up to 2' overhangs
- 32" out from wall, 23" down from top plate



3 Guardrail Posts

- Available in 52"/65"/74"
- Lightweight welded steel
- Installs easily into mounts
- Maximum spacing 8' apart



Stacker Bracket systems are available for rent or purchase. To set up a system is easy:

Determine the number of linear feet you will need to utilize. There are three (3) main components to a Stacker Bracket:

1. The *Bracket Frame* is the main support, what your planks rest on and is the working surface
2. The main support rests on what is referred to as the *Top Clamp*. Since the width of the top plate to the structure can vary, you need to be sure to order the appropriate wall size unit

3. Determine additional accessory components such as *End Rails* which provides end guardrail safety, *Toe Board Attachments* to keep tools and other material from falling on workers below, or *Indoor Hanger Brackets* which allow for a working platform from the interior to help in rolling floors or trusses

To learn more about our rental program or for assistance with a layout, please call 800.466.6385.

HANGING SCAFFOLDING SYSTEMS

Indoor Hanger Bracket (61038) ↘

- Use for rolling floor or roof trusses
- Provides working platform from interior
- Easy tool-free setup
- Adjusts for 2 x 4 or 2 x 6 walls
- Secures to top plate
- Easy attachment for toe boards & optional guardrail posts

Toe Board Attachment (61142) ↘

- Durable welded steel construction
- Powder coated safety yellow

Snap-On Metal Rail (61074) ↘

- Allows for quick and secure installation
- Zinc plated for weather resistance
- Reusable – eliminates waste of 2 x 4 lumber

Top Clamps ↘

- Attaches to the Bracket Frame (61129)
- Eye bolt to bring brackets flush to outside wall
- Double safety mechanism with Grade 5 bolt & safety pin
- 4" (61146) for 2 x 4 walls, 6" (61148) for 2 x 6 walls, etc.



Part#	Height	Length	Width	Description	Min.	Max.	Weight
61128		35¾"	16¾"	End Rail			10.00
61129		38¾"	2"	Stacker Bracket Frame			18.20
61133	52"			Universal Guardrail Post			11.00
61135	65"			Universal Guardrail Post			14.00
61136	74"			Universal Guardrail Post			17.00
61038		95¼"	26"	Adjustable Height Hanger Bracket			40.00
61142			2"	Toe Board Attachment			0.20
61074			10'	Snap-On Metal Rail			11.00
61075	4' - 7'			Metal Adjustable Guardrail			8.00
61076	7' - 10'			Metal Adjustable Guardrail			11.00
61146		4"		Top Clamp for 2 x 4 walls	3"	4¼"	3.00
61148		6"		Top Clamp for 2 x 6 walls	5"	6¼"	3.60
61149		8"		Top Clamp for 2 x 8 walls	7"	8¼"	4.50

WALLWALKER™ HANGING SCAFFOLDING



Long gone are the days of fall exposures due to walking the top-plate and trying to set up awkward scaffolding. WallWalker™ eliminates the need for makeshift scaffold and provides a quick and safe platform. Now with WallWalker's patented hanging scaffold system, you will save time and build smarter.

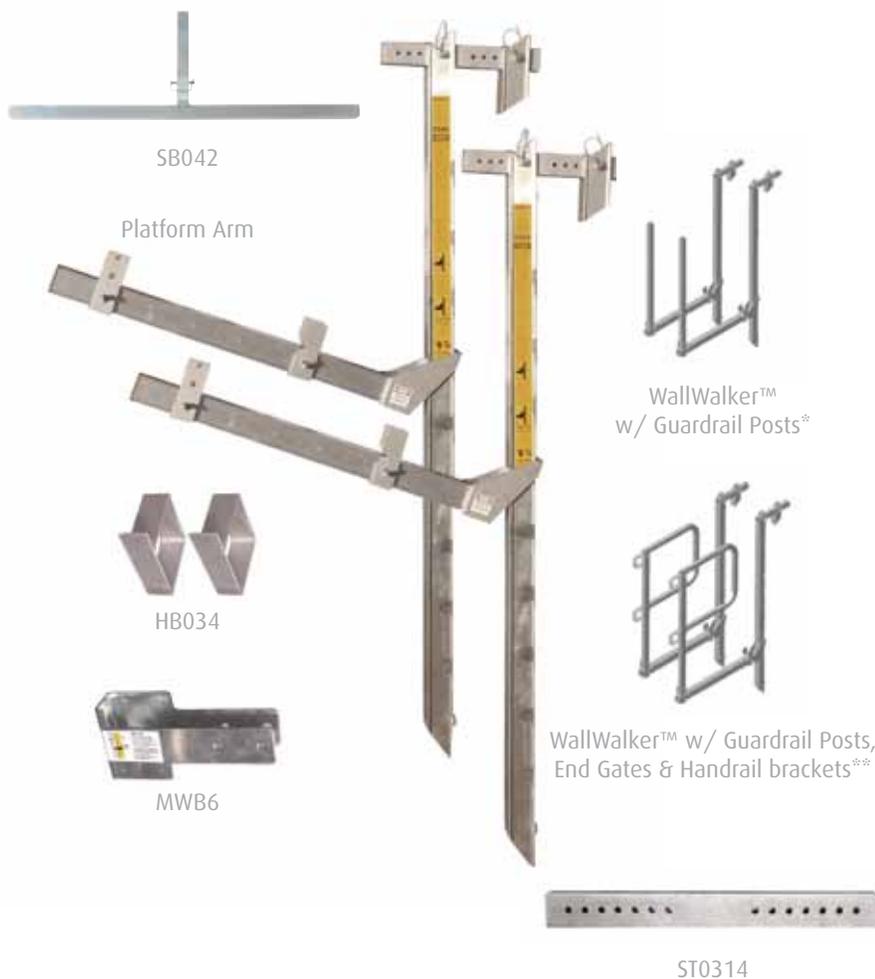
With quick setup and easy adjustments, you can use the WallWalker™ for cutting tails, setting trusses, installing roof sheathing and fascia board. It is also used to do work on window and hurricane shutters, concrete walls, ships, piers and bridges, etc.

With WallWalker's latest mid-wall bracket assembly you can install the WallWalker™ system below the soffit line to install soffits as well. WallWalker™ is the first hanging scaffold of its kind with lightweight aluminum construction.



Part#	Height	Width	Description	Weight
WW03644	6'	44'	WallWalker™ with G-Rail Posts & Handrail Brackets (1 pair 6' with 44" arm)	38.00
WW03844	8'	44	WallWalker™ with G-Rail Posts & Handrail Brackets (1 pair 8' with 44" arm)	45.00
MWB6			Mid Wall Bracket (1 each)	1.00
ST0314			Slider Tubes - 4 to 14" wall widths (1 pair)	3.00
EG03A			End Gate (1 each)	5.00
HB034			Handrail Bracket (1 pair)	1.00
SB042	2½"	15½"	42" WallWalker Stabilizer Bar	11.00

ING SYSTEMS & COMPONENTS



* Kit includes one pair of WallWalkers™ with Guardrail Posts

** Optional components not included with WallWalker™ kit:

- Handrail Brackets (HB034)
- Mid Wall Bracket (MWB6)
- 14" Slider Tube (ST0314)
- End Gate (EG03A)
- 42" Stabilizer Bar (SB042)

WallWalker™ Aluminum Scaffolding System ↘

- Lightweight structural aluminum construction
- Adjustable platform for width & height
- Folds up for easy storage & transport
- Accommodates walls up to 8" thick or 14" thick with optional 14" Slider Tube accessory

Over-The-Wall Hanging Scaffolding System ↘

Both our aluminum WallWalker™ and steel Stacker Bracket™ hanging scaffolding systems are perfect for soffit, truss, roofing and fascia installation. They conveniently hang over concrete or wood walls. Each system is rated for a capacity of 2 workers plus 75 lb. for every 8 feet. They can additionally be installed as a through-the-wall configuration and provide appropriate fall protection when used in accordance with instructions.

HUGS SYSTEM

The Department of Labor states that almost 40% of injuries from falls to a lower level result in over 31 days away from work and “Fatal falls increased by 17% to a new series high, led by increases in the number of fatal falls from ladders and from roofs.”

OSHA mandates that every employer must provide all workers with fall protection while working on a roof. At the very minimum a slide guard and safety harness or guardrail should be in place to protect the workers. The minimum slide guard is described as a 2 x 4 nominal dimension member secured on edge to the roof below the workers, to prevent their possible slide.

Many trades work or stand on sloped roofs such as framers, roofers and plumbers. Working on roofs with multiple levels such as house wrap-pers, window, siding & soffit installers, lath, stucco, painting and cleaning crews.



Part#	Size	Description	Weight
15007	2 x 4	Hugs Quick Bracket	4.00
15008	2 x 6	Hugs Quick Bracket	4.00
15009	2 x 4	Hugs Hawaii Bracket	4.00
15010	2 x 6	Hugs Hawaii Bracket	4.00
15011		Hugs Adapter Bracket	4.00
15012		Hugs Adapter Bracket Strap	4.00
15013		Hugs Stanchion Hug	4.00
15014		Hugs Opening Bracket	4.00
15015		Hugs Wall Bracket – Type A	4.00
15016		Hugs Wall Bracket – Type B	4.00
15017		Hugs New Post	23.00
15103		Hugs System – includes packaging & labeling	19.00

DRYWALL CARTS & UTILITY CASTERS

"The Warrior" Drywall Cart ↘

- Powdered coated finish
- Casters sold separately

"The Hercules" Drywall Cart ↘

- Powdered coated finish
- Removable/Collapsible poles
- Easy to maneuver
- Casters sold separately

Casters ↘

- Contain sealed bearings for smooth rolling
- Come standard with brakes
- Available individually as extras or replacements



"The Warrior" (61220) with "BlueMaxx" Casters (61225)



"The Hercules" (61191) with "BlueMaxx" Casters (61225)

61002 Caster Capacity: 600 lb.
Cart Capacity: 2,500 lb.

61225 Caster Capacity: 1,150 lb.
Cart Capacity: 3,000 lb.

61312 Caster Capacity: 600 lb.
Cart Capacity: 2,500 lb.



Black Rubber Swivel Caster (61002)



"BlueMaxx" Swivel Caster (61225)

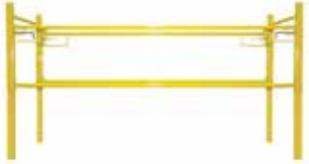


Grey Non-Marring Caster (61312)

Part#	Description	Length	Width	Height	Weight
61191	"The Hercules" "1" style Drywall Cart	49"	27"	45"	44.00
61192	"The Warrior" "PD3" style Drywall Cart	48"	22"	48"	56.00
61225	"BlueMaxx" Non-Marring Swivel Caster w/ brake	8"	2"	10"	11.00
61312	Grey Non-Marring Caster w/ brake	8"	2"	10"	7.00
61002	Black Rubber Swivel Caster w/ brake	8"	2"	10"	10.00
61219	"The Hercules" (61191) w/ BlueMaxx Casters (61225)	49"	27"	45"	88.00
61308	"The Hercules" (61191) w/ Grey Casters - 2 Swivel (61223) & 2 Non-Swivel (61312)	49"	27"	45"	72.00
61308-S	"The Hercules" (61191) w/ Grey Casters - 4 Swivel (61223)	49"	27"	45"	72.00
61220	"The Warrior" (61192) w/ BlueMaxx Casters (61225)	48"	22"	48"	100.00

MULTI-FUNCTION SCAFFOLDS

1 Guardrails



Guardrails are required when stacking and suggested even when using only a single unit. They install into trusses so they will conveniently raise and lower with the platform. Guardrails also have built-in toe-boards.

2 Narrow & Wide Outriggers



Guardian offers narrow and wide outriggers. Narrow outriggers are required when stacking two (2) MFS together. Wide outriggers are required when stacking up to three (3) MFS.

3 39" & 65" Ladders



Guardian offers 39" and 65" ladders. Two (2) 65" ladders come standard with MFS. 39" ladders are ideal for those who do not require to go up a full 6 feet.

4 Open Ladder Chain Lock



Open Ladder Chain Lock is easier to operate than competing brands. Attaching this is as easy as clipping the carabiner to the hook on the ladder.

Clone Universal Rolling Scaffold ↘

- Steel reinforced seven-ply plywood platform
- Smooth rolling bearings in casters
- Adjustment holes every 2" for leveling on stairways, etc.
- Spring loaded locking adjustment pin for added safety
- Wide outrigger will swivel for convenience when working in narrow areas or next to the wall
- Replacement trusses are available upon request
- Load Capacity: 1,000 lb.



Steel/Clone	Weight	Aluminum	Weight	Description	Qty.	Length*	Width*	Height*
15300	154.00	61067	88.00	Multi-Function Rolling Scaffold	1	74"	29"	73"
15501				Spring Pins	4	N/A	N/A	N/A
61327	80.00	61068	28.50	Guardrail Set	1	70"	29"	45"
61060	6.60	61070	6.25	Narrow Outrigger	4	18"	19"	18 ³ / ₄ "
61066	19.00	61072	7.25	Wide Outrigger	4	33"	33"	32 ³ / ₄ "
61333	12.00			MFS 39" Open Ladder with Chain	2	2"	29"	39"
61334	16.00			MFS 39" Closed Ladder	2	2"	29"	39"
15358	22.00			MFS 65" Ladder	2	2"	29"	65"
61328	22.00			6' Truss	2	74"	2"	18"
15361	33.00	15373	25.50	6' Plank	1	67"	29"	2"
61006	4.90	61006	4.90	5" Rubber Caster with Brake	4	6"	2"	9"

* All dimensions are for individual pieces.



ROLLING TOWER ASSEMBLY & PARTS

Rolling Tower Assembly ↘

- Professional grade heavy duty all aluminum planks, 75 lb./ft.
- Built-in ladders
- High strength steel tubing w/ heavy duty powder coat finish
- 1,000 lb. capacity heavy duty locking casters
- Outriggers (61184) are available

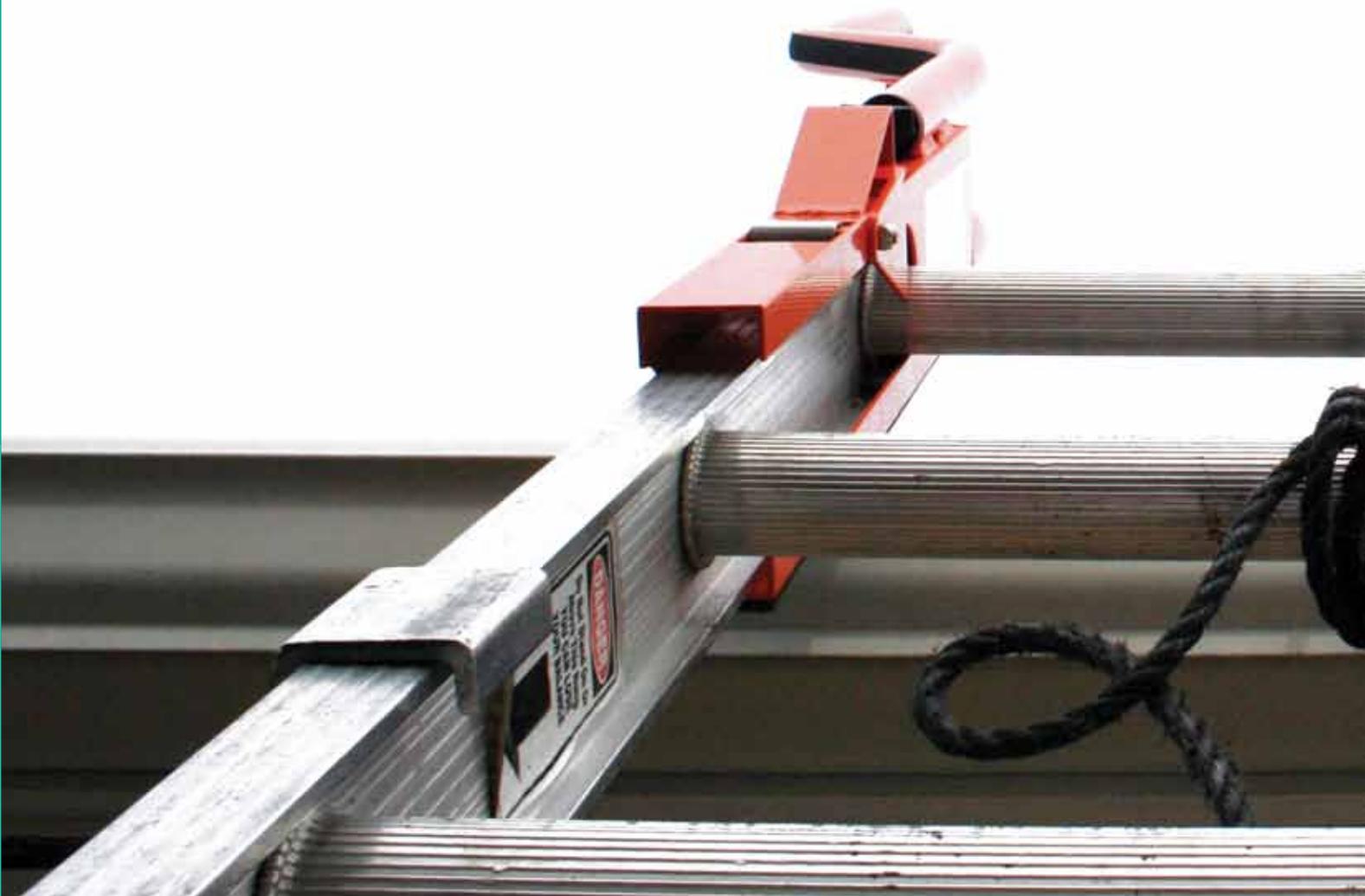
* Additional aluminum planks available separately.



61184



Part#	Qt.	Description	Length	Width	Height	Weight
61206	1	Rolling Tower Assembly	84"	60"	180"	585.00
61007	4	Heavy Duty Caster	13"	10"	9½"	14.00
61152	3	All Aluminum Board	84"	19¼"	2"	32.00
61158	4	Cross Brace - Punched Hole	84"	1"	n/a	14.00
61161	8	Coupling Pin	9"	1¼"	n/a	1.50
61163	1	Diagonal Gooser	106"	1½"	n/a	12.00
61164	12	Gravity Pin	5"	1¼"	n/a	0.15
61171	4	Galvanized Guardrail	84"	1"	n/a	8.00
61181	2	5' Rolling Tower Frame	60"	2"	60"	45.00
61182	2	6' Rolling Tower Frame	60"	2"	72"	55.00
61183	2	Rolling Tower Guardrail Gate	60"	2"	45"	45.00
61184	2	Outrigger	34"	4"	26"	20.00
61185	8	Spring Clip for Coupling Pin	3"	3"	n/a	0.05



Guardian Fall Protection has the largest selection of ladder safety devices available in the construction market today. This vast selection of products helps to provide workers with greater safety when it comes to using ladders.

Under the provisions of 29 CFR 1926, Sub Part X employers must provide a training program to employees using ladders. The training must enable each employee to recognize hazards related to ladders. In relation to 29 CFR 1926, this training is required to be conducted by a Competent Person.

Most ladder accidents are the result of careless or improper ladder usage. A proper ladder safety class along with the proper equipment can help the users work more safely.

OSHA requires that safe equipment be furnished for use no matter the type of equipment. Falls from ladders can seriously injure a worker and possibly be even fatal.

Ladder safety begins with the selection of the proper ladder for the job and includes inspection, setup, proper climbing and standing, proper use, care, and storage. In addition to the general safety rules for all ladders there are special rules for using stepladders and for single and extension ladders.

These safety rules are a combination of OSHA regulations and proven commonsense procedures. Through the use of the proper safety equipment and the safe use of a ladder, most accidents can be avoided.

Ladder Selection ↘

Be sure the ladder being used has the proper duty rating to carry the combined weight of the user and the material being installed.

Type IA*

These ladders have a duty rating of 300 pounds. Type IA ladders are recommended for extra heavy-duty industrial use.

Type I*

These ladders have a duty rating of 250 pounds. Type I ladders are manufactured for heavy-duty use.

Type II

These ladders have a duty rating of 225 pounds. Type II ladders are approved for medium-duty use.

Type III

These ladders have a duty rating of 200 pounds. Type III ladders are rated for light-duty use.

** Remember Type IA and Type I ladders are the only acceptable ladders on a construction site.*

The Information above does not address or supplement your company requirements to meet OSHA's training guidelines or individual company requirements. Please refer to your company manual for further information.

SAFE-T™ LADDER EXTENSION SYSTEM



1 Simple To Use Knob
Tightens by hand without scratching or damaging the ladder.



2 Safety Latch
Safety latch prevents unit from slipping off the ladder.



3 Cushioned Pads
Cushioned bumper pads help to protect the edge of a roof.



4 Hand Grips
Added hand grips for safe and easy use.



5 Retail Display Box
Retail display box for easy storage of 6 Safe-T™ Ladder extensions.



"ACCORDING TO THE U.S. BUREAU OF LABOR STATISTICS, 80% OF ALL FALLS FROM LADDERS OCCUR AT THE TOP OF THE LADDER AND 50% OF FALLS FROM LADDERS OCCUR DURING THE TRANSITION FROM THE LADDER TO A SECOND SURFACE."

Designed to attach over the top of the ladder and provide a safe and easy transition from the ladder to a second surface, the Safe-T™ Ladder requires no tools, drilling or bolting to hold it securely in place. Once installed, the unit provides two offsetting handrails that can be used to walk through and step on or off the ladder.

The patented Safe-T™ Ladder also helps workers comply with OSHA standard 1926.1053(b)(1) which states: "When portable ladders are used for access to an upper landing surface, the ladder side rails shall extend at least 3 feet above the upper landing surface to which the ladder is used to gain access." Meets OSHA standard 1926.502(b)(3) and OSHA standard 1926.1053(b)(1) as well as ANSI standard 14.2 section 8.3.3.

NEW

BASEMATE LADDER LEVEL SYSTEM

Part#	Description	Weight
10800	Safe-T™ Ladder Extension System	15.00
10804	6-Pack Safe-T™ Ladder Extension System Display Box	90.00
2475	Basemate Ladder Level System	11.00



Basemate Ladder Level System (2475) ↘

- Triple action locking system – one foot operation
- Patented design
- Fits most ladders 12" - 18" rung width
- Adds less than 12 lb. to the ladder
- Weight tested to 1,200 lb.
- Improves Safety
- Saves time & money
- Easy to use & understand
- Built tough
- Does not penetrate the ladder, making installation & removal fast & easy

LADDER JACKS & LADDER PRODUCTS

Part#	Description	Weight
2420	2-Rung Short Body Ladder Jack	5.00
2420P	2-Rung Short Body Ladder Jack (packaged)	6.25
2422	2-Rung Short Body Ladder Jack (pair)	11.00
2430	3-Rung Long Body Ladder Jack	6.00
2432	3-Rung Long Body Ladder Jack (pair)	13.00
2470	Corner Buddy Ladder Stabilizer	5.00
2480	Ladder Hook (no wheel)	5.00
2481	Ladder Hook (with wheel)	7.00



3-Rung Ladder Jack



Corner Buddy



Ladder Hooks

Corner Buddy Ladder Stabilizer (2470)

- For use on corners, flat, round & multi-dimensional construction surfaces
- Easier access to gutters, downspouts & soffits
- Adds stability & safety

Ladder Hooks ↘

- Adjusts to fit between top 2 ladder rungs
- Fits single or extension, wood, fiberglass & aluminum ladders with round or "D" rung styles
- 2481 rolls ladder without damaging shingles

Aluminum Ladder Jacks ↘

- Will accommodate up to an 18" wide plank
- Use inside or outside ladder face
- Welded & riveted construction for strength & durability
- Adjustable to fit round or "D" rung ladders
- Available assembled or knockdown
- Capacity: 2 workers plus 75 lb. between 2 ladders
- Packed in pairs

2420/2420P/2422
2430/2432

2-Rung Short Body
3-Rung Long Body

LADDER ACCESSORIES

Part#	Description	Weight
10808	Ladder Stability Anchor (includes 2' & 3' Velcro straps)	2.00
10811	Permanent Ladder Anchor Flat Roof (includes 2' & 3' strap)	1.00
10812	Permanent Ladder Anchor Vertical Wall (includes 2' & 3' strap)	1.00
10825	Ladder Dolly – Standard	4.00
10826	Ladder Dolly – Wide	5.00
10827	Step Ladder Dolly	1.00



Ladder Dolly



Ladder Anchor

The Patented Ladder Dolly ↘

- Designed for single worker use
- Reduces carrying weight by up to 90%
- Attaches quickly and easily to most ladders
- Secures with one bolt, clip or adhesive
- Reduces work fatigue & increases productivity
- Edge-mounted position allows easy storage
- Available in various versions:

Heavy-Duty model with 8" diameter wheels

Light-Duty model with 6" diameter wheels

Step Ladder model with 1" ball bearing wheels

Ladder Stability Anchor ↘

Guardian's Ladder Stability Anchor complies with OSHA 1926.1053(b)(1): "...ladder shall be secured at its top to a rigid support that will not deflect."

The device is made of lightweight aluminum and allows for secure attachment, without penetration, of the fascia board or to rafters. Comes with 2 feet and 3 feet Velcro straps that firmly fasten around top rung of the ladder. No special tools are required and only takes seconds to attach.

NEW

LADDER ACCESSORIES

Part#	Description	Weight
15104	Ladder Assist	21.00
2477	Ladder Rung Step	1.80



Ladder Assist (15104)



Ladder Rung Step (2477)

Ladder Assist (15104) ↘

- Not used for fall protection
- A simple hand support device to aid the worker while transitioning from a ladder to the rooftop
- Device easily attaches to most permanent ladders
- Spring loaded design allows one-handed operation

Ladder Rung Step (2477) ↘

The new Ladder Rung Step is designed to reduce worker fatigue by expanding the foot support of a worker. Easily attached and lightweight, this patented design requires no tools to install and easily fits to most ladders in just seconds. Constructed of reinforced aluminum, this new ladder accessory makes work easier to complete while using a step ladder or extension ladder providing more stability.

NEW

LOCK-N-CLIMB



1 Easy To Install

With easy to read and follow instructions, your ladder will become stable in just minutes.



2 Stable

The stabilization helps to reduce the possibility of the ladder kicking out.



3 Compact

The spring loaded stabilizers allow the unit to fold up quickly and easily.



Part#	Description	Weight
2460	Lock-N-Climb for 16' - 20' Extension Ladders	9.50
2465	Lock-N-Climb for 24' - 40' Extension Ladders	13.75

Lock-N-Climb ↘

Prevent dangerous and costly workplace ladder accidents with Lock-N-Climb. Made of durable 1/4" 6061 grade aluminum, the U.S. Patent Pending Lock-N-Climb has been engineer-certified to withstand loads in excess of OSHA requirements, according to ANSI A14.2, ANSI 14.5 standards.

Lock-N-Climb fits any extension ladder and installs in minutes using the detailed assembly-manual. Lock-N-Climb is used to promote ladder safety in leading companies in the construction, food, housing, roofing, hotel, agricultural and telecommunications industries across America.

- Adds safety & security to 16' - 40' extension ladders
- Strong & stable
- Durable corrosion resistant 6061 grade aluminum
- Exceeds ANSI A14.2 & A14.5 & ANSI load tests
- Engineered tested & ANSI certified
- The new spring loaded Lock-N-Climb attaches easily to extension ladders for commercial & industrial use
- Lock-N-Climb & Safe-T™ Ladder system are built for the ultimate safe work for the professional contractor or home owner

kits



We often hear the term Forged D-ring and Stamped D-ring. Is one better than the other?

Forging ↘

Forging is the process by which metal is heated and is shaped by plastic deformation by suitably applying compressive force. Usually the compressive force is in the form of hammer blows using a power hammer or a press. Forgings are consistent from piece to piece, without any of the porosity, voids, inclusions and other defects. Thus, finishing operations such as machining do not expose voids, because there aren't any.

Also, coating operations such as plating or painting are straightforward due to a good surface, which needs very little preparation. Forgings yield parts that have high strength to weight ratio – thus are often used in the design of aircraft frame members.

Metal Stamping ↘

The stamping of parts from sheet metal is a straightforward operation in which the metal is shaped or cut through deformation by shearing, punching, drawing, stretching, bending, coining, etc. Production rates are high and secondary machining is generally not required to produce finished parts within tolerances. This versatile process lends itself to low costs, since complex parts can be made in a few operations at high production rates. Sheet metal has a high strength-to-weight factor, enabling production of parts that are lightweight and strong.

What OSHA States ↘

Both Forged and Stamped metals have a high strength-to-weight factor. As a result of the process of stamping, stamped parts are less costly than forged parts. In terms of strength, according to OSHA Subpart M 1926.502 (d)(3) D-rings and snap hooks shall have a minimum tensile strength of 5,000 lb. and (d)(4) states that D-rings and snap hooks shall be proof-tested to a minimum tensile load of 3,600 lb., without cracking, breaking or taking permanent deformation.

Additionally, OSHA Subpart M 1926.502 (d)(1) allows the use of connectors made of drop forged, pressed or formed steel. In terms of use, know that if you are using either Forged or Stamped metals, that they are plenty strong enough to handle the load and abuse when used for fall protection. Ideally, look for metals stamped with third party testing such as CSA or other markings indicating strength.

GUARDIAN KITS

Part#	Name	Description	Weight
00105	Beamer™ Erector Set	(2) Beamer™ 2000's (00101), 6' Double Leg Big Boss Lanyard (21302)	11.00
00720	Sack of Safety	HUV (01101), (3) Snappy Anchors (00710), VLA-25' (01310) & SOS Backpack	11.40
00725	Sack of Safety	HUV (01101), (1) Temper Anchor (00455), VLA-25' (01310) & SOS Backpack	10.80
00730	Sack of Safety	HUV (01101), (3) Snappy Anchors (00710), VLA-50' (01320) & SOS Backpack	15.00
00735	Sack of Safety	HUV (01101), (1) Temper Anchor (00455), VLA-50' (01320) & SOS Backpack	14.40
00740	Sack of Safety	HUV (01101), (1) Ridge-It 2 Anchor (00510), VLA-25' (01310) & SOS Backpack	8.90
00745	Sack of Safety	HUV (01101), (1) Ridge-It 2 Anchor (00510), VLA-50' (01320) & SOS Backpack	12.50
00800	Bucket of Safe-Tie	HUV (01101), (5) Snappy Anchors (00710), VLA-25' (01310) & 5 Gallon Bucket	13.20
00803	Bucket of Safe-Tie	HUV (01101), (1) SP-Anchor (00460), VLA-25' (01310) & 5 Gallon Bucket	13.50
00805	Bucket of Safe-Tie	HUV (01101), (1) Temper Reusable (00455), VLA-25' (01310) & 5 Gallon Bucket	12.60
00810	Bucket of Safe-Tie	HUV (01101), (5) Snappy Anchors (00710), VLA-50' (01320) & 5 Gallon Bucket	15.30
00813	Bucket of Safe-Tie	HUV (01101), (1) SP-Anchor (00460), VLA-50' (01320) & 5 Gallon Bucket	15.15
00815	Bucket of Safe-Tie	HUV (01101), (1) Temper Reusable (00455), VLA-50' (01320) & 5 Gallon Bucket	17.30
00830	Bucket of Safe-Tie	HUV (01101), (2) Stainless Steel Reusable (00470), VLA-25' (01310) & 5 Gallon Bucket	10.70
00840	Bucket of Safe-Tie	HUV (01101), (2) Stainless Steel Reusable (00470), VLA-50' (01320) & 5 Gallon Bucket	12.95
00870	Li'L B of Safe-Tie	HUV (01101), 6' Single Leg Lanyard (01220), Nylon Bag (00765) & 1 Gallon Bucket	5.35
00875	Li'L B of Safe-Tie	HUV (01105), 6' Single Leg Lanyard (01220), Nylon Bag (00765) & 1 Gallon Bucket	6.00
17200	Aerial Lift Kit	HUV (01101) w/ Attached 6' Internal Shock Lanyard (11200) & Aerial Lift Bag (00762)	4.50
17201	Aerial Lift Kit	HUV (01101) w/ 3 D-rings, 4' Non-Shock Lanyard (01260) & Aerial Lift Bag (00762)	5.00
17202	Aerial Lift Kit	HUV (01101) w/ 3 D-rings, 2' Non-Shock Lanyard (01250) & Aerial Lift Bag (00762)	4.75

* Bucket of Safe-Tie (00815) is shown.

[16]

Bucket of Safe-Tie Kit ↘

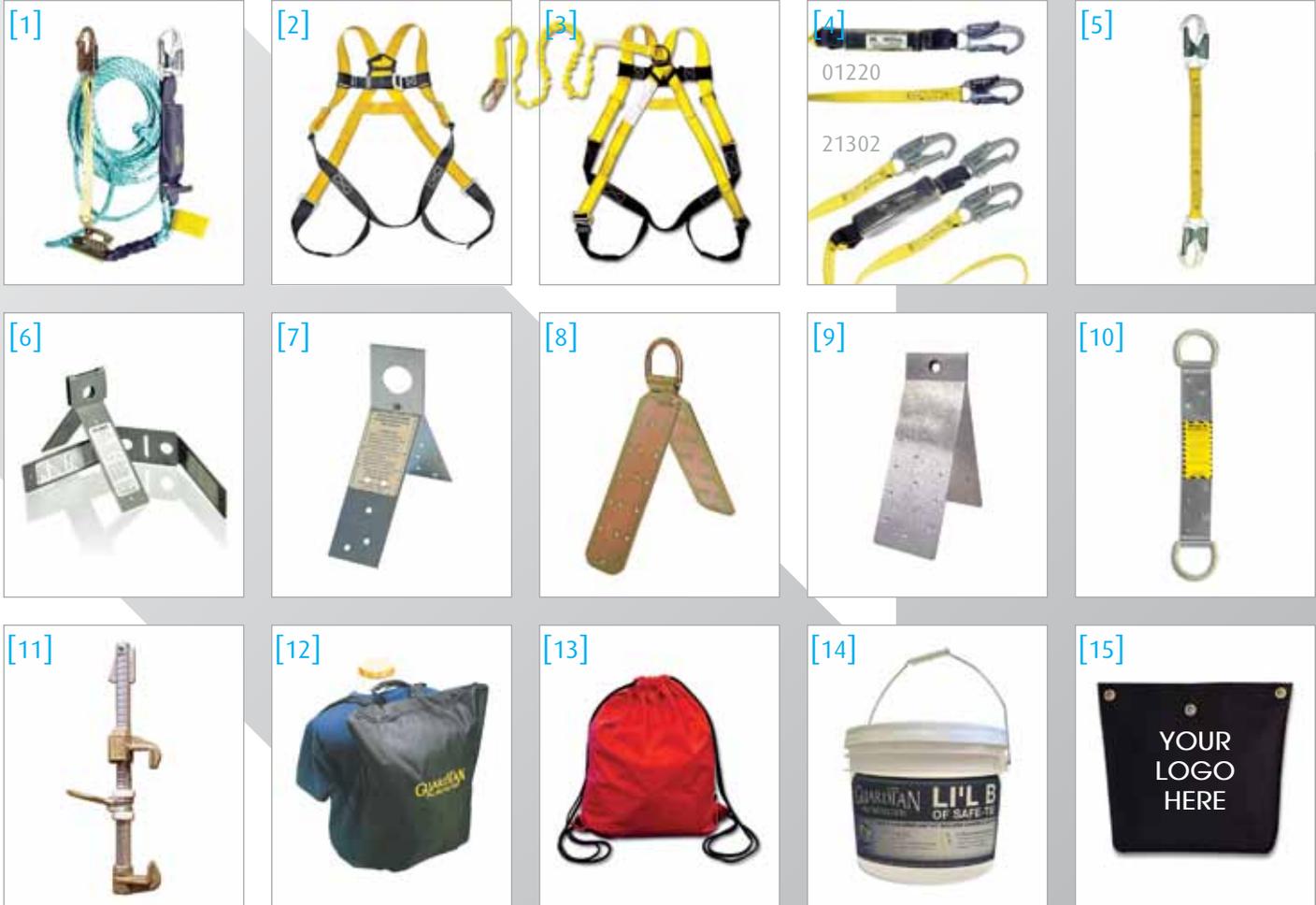
Includes:

- [1] 25' (01310) or 50' (01320) VLA with Shock Pack, Positioning Device & 18" Lanyard Extension
- [2] HUV Universal Harness (01101)
- [16] 5 Gallon Bucket

Your choice of anchors:

- [6] (5) Snappy Anchors (00710)
- [7] (2) Stainless Steel Anchors (00470)
- [8] (1) Temper Anchor (00455)
- [9] (1) SP-Anchor (00460)

GUARDIAN KITS COMPONENTS



Sack of Safety ↘

Includes:

- [1] 25' (01310) or 50' (01320) VLA
- [2] HUV Universal Harness (01101)
- [12] SOS Backpack

Your choice of anchors:

- [6] Snappy Anchor (00710)
- [8] Temper Anchor (00455)
- [10] Ridge-It 2 D-Ring Anchor (00510)

Beamer™ Erector Set ↘

Includes:

- [4] 6' Double Leg Big Boss (21302)
- [11] (2) Beamer™ 2000 (00101)

Li'L B of Safe-Tie ↘

Includes:

- [2] HUV Universal Harness (01101)
- [4] 6' Single Leg Lanyard (01220)
- [13] Nylon Sport Bag (00765)
- [14] 1 Gallon Bucket

Aerial Lift Kit ↘

Includes:

- [3] HUV (01101) with attached 6' Internal Shock Lanyard (11200) or HUV (01101) with 3 D-rings
- [5] 4' (01260) or 3' (01250) Non-Shock Lanyard
- [15] Aerial Lift Bag (00762)



ECO HORIZONTAL LIFELINE KITS

[1]



04639

[2]



30800

[3]



30801

Part#	Size	Description
04633		Kit includes: 2-Person 60' Kernmantle HLL System (04639) & (2) EcoAnchors (30801)
04634		Kit includes: 4-Person 82' Fiber HLL System (30800) & (2) EcoAnchors (30801)
04639	60'	2-Person Kernmantle HLL Kit: Tensioner / Shock Pack / 2 O-rings / 2 Cross Arm Straps / 2 Carabiners / Ultra Sack
30800	82'	4-Person Fiber Rope HLL Kit: Tensioner / 2 Carabiners / Storage Bag
30801		EcoAnchor

2-Person Eco HLL Kit (04633) ▾

Includes:

- [1] 60' Kernmantle HLL System (04639)
- [3] (2) EcoAnchors (30801)

4-Person Eco HLL Kit (04634) ▾

Includes:

- [2] 4-Person 82' Fiber HLL System (30800)*
- [3] (2) EcoAnchors (30801)

* Note: When used in conjunction with EcoAnchor or any other dead-weight anchor, only two workers may be on HLL.



kits

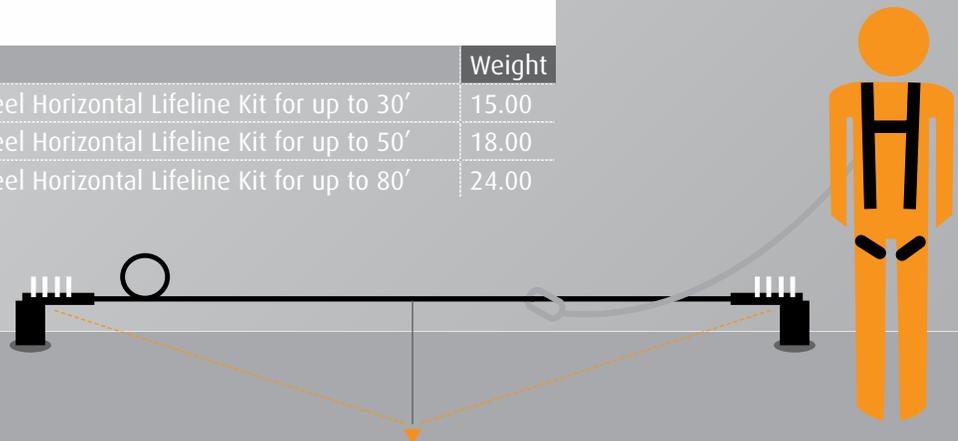
NEW

HORIZONTAL LIFELINE KIT

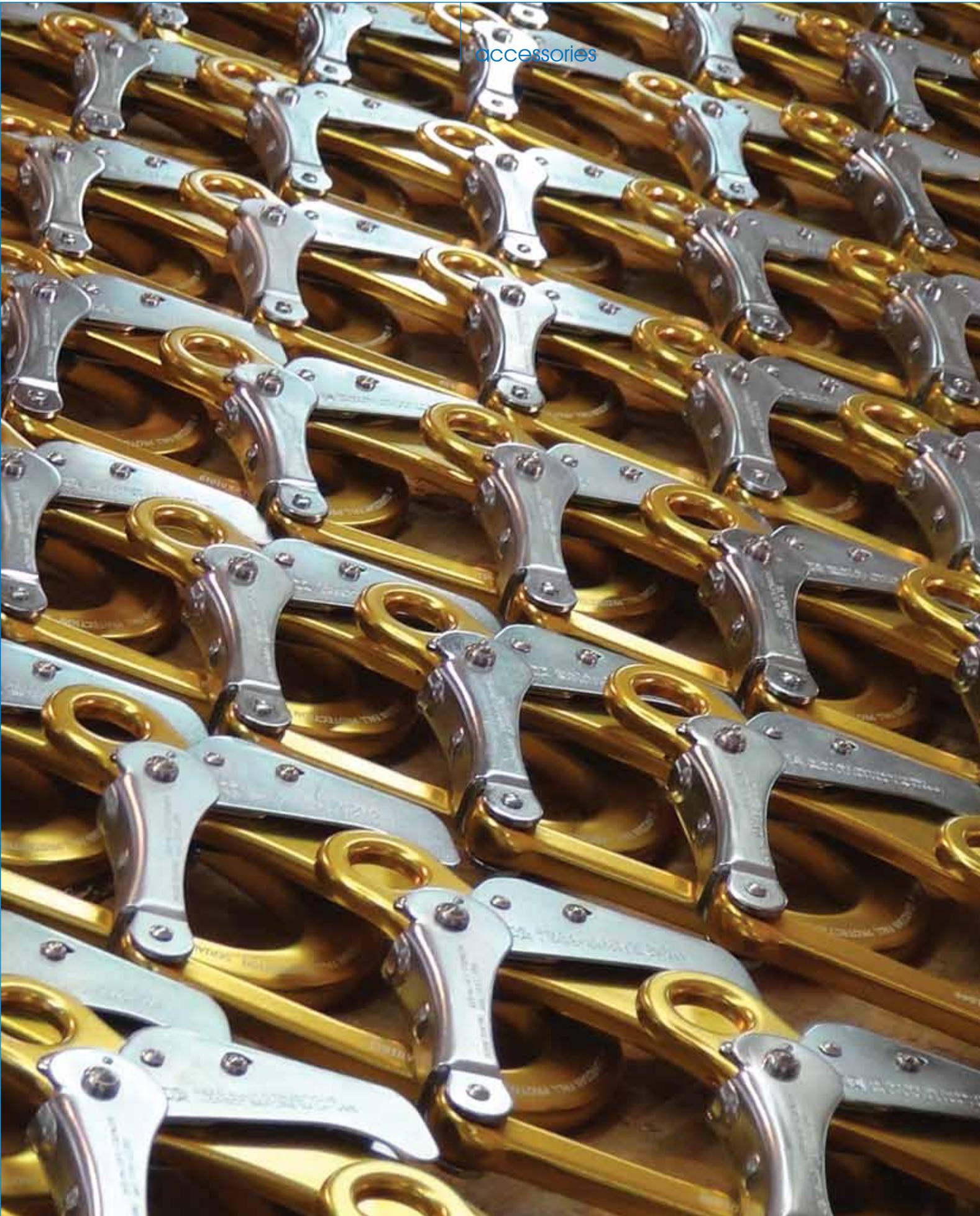


- [1] Bucket
- [2] Cable Spool
- [3] Fall Indicating Clamp
- [4] Hands Free Intermediate
- [4a] Corner Brackets (optional)
- [5] End Assembly
- [6] Tensioner & Tension Indicator
- [7] Anti Seize
- [8] Rating Plate

Part#	Description	Weight
04621	Preassembled Stainless Steel Horizontal Lifeline Kit for up to 30'	15.00
04622	Preassembled Stainless Steel Horizontal Lifeline Kit for up to 50'	18.00
04623	Preassembled Stainless Steel Horizontal Lifeline Kit for up to 80'	24.00



accessories



Falls from heights occur from a variety of work surfaces that include ladders, scaffolding, roofs, work on other unsecured surfaces, unprotected openings, speed and weather conditions. Recognizing fall protection strategies such as guardrails, toe boards, tying off to appropriate anchors, and guarding openings can prevent a number of falls; however these practices are still not the norm on many job sites.

Did You Know?

- The average injury claim including benefits costs the employer \$8,000.
- The average cost savings associated within injury prevention is an estimated \$24,842 a year.

OSHA 1926.503 (a)(1) states the employer shall provide a training program for each employee who might be exposed to fall hazards. The program shall enable each employee to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to minimize these hazards.

OSHA 1926.503 (a)(2) states that the employer shall assure that each employee has been trained, as necessary, by a Competent Person qualified in the follow areas:

- (i) The nature of fall hazards in the work area;
- (ii) The correct procedures for erecting, maintaining, disassembling, and inspecting the fall protection systems to be used;
- (iii) The use and operation of guardrail systems, personal fall arrest systems, safety net systems, warning line systems, safety monitoring systems, controlled access zones and other protection to be used;
- (iv) The role of each employee in the safety monitoring system when this system is used;
- (v) The limitations on the use of mechanical equipment during the performance of roofing work on low-sloped roofs;
- (vi) The correct procedures for the handling and storage of equipment and materials and the erection of overhead protection;
- (vii) The role of employees in fall protection plans;
- (viii) The standards contained in subpart M.

ROPE & CABLE GRABS

Part#	Description	Weight
01500	Rope Grab with Attached 18" Extension Lanyard	2.00
01503	Rope Grab with Attached 3' Shock Absorbing Lanyard	3.00
01505	Rope Grab (no extension)	1.30
01507	Rope Grab with Attached Shock Pack	2.60
01510	Cable Grab for 3/8" Cable	2.40
01515	Cable Grab for 5/16" Cable	2.30
01520	Rope Positioning Device Assembly	1.75
01521	HS Rope Positioning Device Assembly with Attached 18" Extension & Shock Stop	2.50

01505



01520



Cable Grab



Rope & Cable Grabs ↘

- Removable rope grabs are easy to install
- Fits 5/8" or 1/2" safety ropes
- Locks automatically when a fall occurs
- Available with or without 18" extension lanyard
- Stainless steel cable grabs fit 3/8" or 5/16" cable & travel in both directions automatically
- Squeeze to move positioning device, locks automatically
- Can be ordered with a shock absorber

HOOKS & CARABINERS

Part#	Gate	Description	Weight
01813-A	¾"	Locking Aluminum Carabiner	0.20
01813-S	¾"	Locking Steel High Strength Carabiner	0.40
01816		Swivel Forged Carabiner	0.92
01823	2½"	Stamped Steel Rebar Hook	1.74
01822-A		Forged Aluminum Snap Hook	0.50
01823-A		Forged Aluminum Rebar Hook	1.40
01825	¾"	Swivel Indicating Snap Hook	1.20
01835	¾"	Forged Triple Lock Tie-Back Carabiner	0.70
01830	¾"	Stamped Steel Snap Hook	0.80
01850	2¼"	Forged Pompier Hook	1.96



Hooks & Carabiners ▾

Our connector and snap hook options vary as you can see above. These provide you with versatility to get your job done safely. Remember the 3,600 lb. gate rule that ANSI Z359 requires when choosing your connector.

Guardian is one of only a few manufacturers that offers an aluminum rebar hook that is 3rd party tested for compliance with the ANSI Z359 standard.

- [1] Locking Aluminum Carabiner (01813-A)
- [2] Locking Steel Carabiner (01813-S)
- [3] Swivel Forged Carabiner (01816)
- [4] Stamped Steel Rebar Hook (01823)
- [5] Forged Aluminum Snap Hook (01822-A)
- [6] Forged Aluminum Rebar Hook (01823-A)
- [7] Swivel Indicating Snap Hook (01825)
- [8] Stamped Steel Snap Hook (01830)
- [9] Forged Triple Lock Tie-Back Carabiner (01835)
- [10] Forged Pompier Hook (01850)

CARRYING & STORAGE BAGS

Part#	Description	Weight
00763	Large Ultra-Sack Black Canvas Duffel Backpack	3.00
00765	Red Nylon Sport Bag	1.00
00768	Small Ultra-Sack Black Canvas Backpack	1.50
SOS-Backpack	SOS Backpack with Guardian Logo	1.50



00765



SOS Backpack

Ultra-Sack Backpacks ↘

These newly designed ultra premium equipment bags provide the ultimate in durability with more capacity than any other fall protection equipment bags available on the market today.

The Ultra-Sack is available in either our rugged canvas series or our rugged vinyl sack for the ultimate in durability. The backpack configuration makes climbing a ladder with your equipment a snap while staying in compliance with ladder standards.

Carrying & Storage Bags ↘

- Perfect for storage & daily transport to and from the job-site
- Durable & convenient
- Keeps equipment clean & organized
- Helps to protect equipment against UV rays
- ADD YOUR LOGO TO ANY BAG! Call for details 800.466.6385

HOLD ME ROPE ANCHOR



1 Tie Back

Can be used to choke off around a nonabrasive support member when a permanent anchor point is not available.



2 VLL Anchorage

Vertical lifelines with rope grabs are a common use for this anchor.



3 Anchor Termination

Can be used as a termination at the end of a rope to add an anchor point.



Part#	Description	Weight
01300	Hold Me Rope Anchor	0.50

Hold Me Rope Anchor (01300) ↘

- Convenient lifeline connection point
- Safer than tying a knot
- Reusable lightweight aluminum
- Easy instructions for tie off
- Stays taut, but simple to untie
- Attach carabiner to top hole for attachment to anchor point

Dimensions: 10"(L) x 2"(W) x 5/16"(H)
 Holes: 1" (D)
 Material: 70.75 T6 Aluminum

ACCESSORIES

Skyhook™ Flashing Accessories ↘

- Flashing available in a pre-primed ready-to-paint finish
- Gaskets also available & sold separately



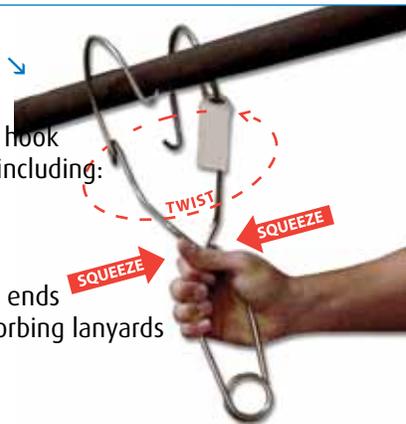
Tool Lanyards ↘

- Help reduce falling object related injuries
- Securely attach tools to wrist or tool belt
- Two connection options for ease & versatility



Wire Hook Anchorage (01860) ↘

- Stainless Steel
- Opens by squeezing spring loaded hook
- Connects to various anchor points including:
 - scaffolding*
 - railings*
 - small I-beams*
- Double leg option has 2 wire hook ends
- Available with attached shock absorbing lanyards



Armadillo (00245) ↘

- Designed specifically for proper use of retractable
- Aluminum cradle makes the unit lightweight
- 360° degree casters make movement of Armadillo smooth
- Can be attached to our Horizontal Rope Lifeline System
- Can be attached to any roof anchor on the market
- Fits our 20'/30'/50'/65' retractables



Part#	Description	Weight
00245	Armadillo	11.00
00352	Skyhook™ Flashing – Primer	2.00
00358	Neoprene Skyhook™ Gasket – Small	1.00
00359	Neoprene Skyhook™ Gasket – Large	1.00
01860	Wire Hook Anchorage	0.90
10725	Tool Lanyard with Mini Twist Locking Carabiner	0.15
10726	Tool Lanyard with Mini Carabiner	0.10

HARNESSES ACCESSORIES

PRO Tool Bags ↘

- A variety of large & small pockets for storage versatility
- Covered pocket to store fasteners
- Tape measure rack



Shoulder Pads & G-Back Comfort System ↘

- Super comfortable padding
- Velcro or snap-on attachment
- Will greatly improve the comfort of your workers



Removable Lanyard Keepers (01802) ↘

The Removable Lanyard Keepers can be put on most harnesses manufactured by Guardian as well as harnesses manufactured by others. Designed to tear away in the event of being snagged, these are an inexpensive way to make your workers more safe.

Butterfly Removable D-ring (02000) ↘

- Incorporates easily into the harness chest strap
- Must be used in compliance with OSHA standards
- Not for fall arrest attachment



- [1] PRO Tool Belt
- [2] 45° Degree Hammer Holder (10824)
- [3] PRO Dual Nail Holder (10822)
- [4] PRO Nail & Tool Holder (10823)

Part#	Description	Weight
01185	Shoulder Pads (1 pair)	1.50
01802	Removable Lanyard Keepers – Velcro with D-ring (1 pair)	0.50
02000	Butterfly Removable Chest D-ring	0.50
10820	PRO Tool Belt – Regular	3.40
10821	PRO Tool Belt – Large	3.60
10822	PRO Dual Nail Holder	1.20
10823	PRO Nail & Tool Holder	1.20
10824	45° Degree Hammer Holder	0.30
21150	G-Back Comfort System	1.00

What ANSI Says About Training ↘

ANSI Z359.2-2007

3.2.7 Authorized Rescuer

3.2.7.1 It is the responsibility of the authorized rescuer to perform or assist in workplace rescues.

3.2.7.2 The authorized rescuer shall through experience and training have a working knowledge of and experience in the selection, use, storage and care of all equipment necessary to perform a rescue.

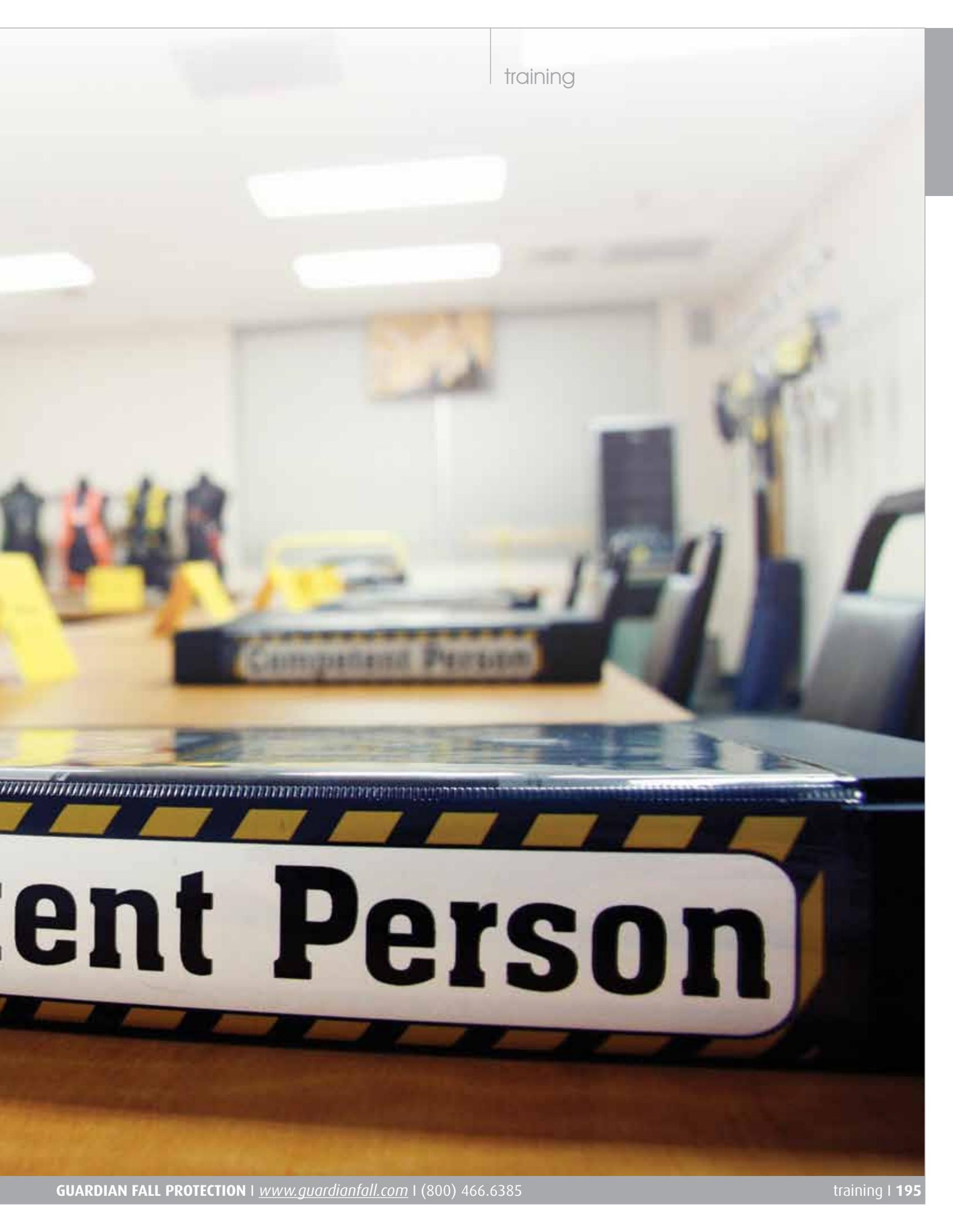
3.2.7.3 The authorized rescuer shall verify that a rescue procedure has been developed for any workplace where that authorized rescuer has been authorized to perform a rescue and shall review that procedure before fall hazards are encountered in the workplace.

ANSI Z359.4-2007

7.3 Prior to performing rescue work, rescuers shall be trained to select, inspect, use, store and maintain the equipment according to the requirements of this standard and the manufacturer's instructions. All training shall be conducted by a Competent Trainer. Trainer shall include lecture, demonstration and hands-on practice in the requirements of this standard.

Employers shall provide training to their employees on whatever type of fall protection they will be using. They shall document the training with the name of employee trained along with the date and the person conducting the training. Training can only be done by a Competent or Qualified person.



A photograph of a training room. In the foreground, a black box with yellow and black diagonal hazard stripes sits on a wooden table. A white label on the box reads 'Competent Person' in bold black text. In the background, another similar box is visible on the table, and further back, there are several mannequins wearing safety gear, including orange and yellow high-visibility vests and helmets. The room has fluorescent lighting on the ceiling and a whiteboard or screen in the background.

Competent Person

Competent Person ↘

16 hours (2 days). Up to 20 people. Cost \$895.00 per person.

The Guardian Competent Person class provides the student with a key knowledge base, designed around the strict guidelines of OSHA 1926/1910 and ANSI A.10, A14 and Z359.

Upon completion, the student will be able to demonstrate knowledge of the following topics:

- Equipment Selection, Inspection & Donning
- Fall Prevention/Restraint/Arrest
- Fall Hazard Elimination
- Passive vs. Active Systems
- Fall Arrest Rescue Systems
- Selection & Usage of Non-Certified Anchorages
- Authorized Persons' Duties & Responsibilities
- Competent Persons' Duties & Responsibilities
- Testing of Fall Protection Equipment
- 'Hands-On' Scenario of Fall Protection Systems
- OSHA & ANSI Standards of Fall Protection

Authorized Person ↘

4 hours. Up to 20 people. Cost \$200.00 per person.

This class is designed for an Authorized User of fall protection. Most of our 'Authorized Person' classes are conducted on-site for a specific group. We can customize the course content for the end user's application/trade.

Competent Person Refresher ↘

8 hours. Up to 20 people. Cost \$495.00 per person.

This Competent Person Refresher course is to be taken two years after completion of the Guardian Competent Person course. Topics highlight the key points of the Competent Person course as well as any updates to OSHA standards/regulations.

Authorized Rescue ↘

8 hours. Up to 5 people. Cost \$495.00 per person.

This course covers the key components to be an "Authorized Rescuer" per the ANSI and OSHA guidelines. Topics covered include:

- Selection, Inspection, Maintenance & Storage of Rescue Equipment
- Various types of 'Hands-On' Rescue Techniques
- Authorized Rescuers' Duties & Responsibilities
- Four Hours of 'Hands-On' Rescue Training Using Guardian's 'State-of-the-Art' Training Tower

Fall Protection Awareness ↘

1 – 2 hours. Up to 100 people. Cost \$50.00 per person.

This is what's traditionally referred to as a "drop presentation", "trailer presentation" or "on-site demo." Historically, fall protection manufactures have performed these demonstrations in about an hour with little to no site specific training held. If you choose Guardian for this service, we will come to your jobsite and perform realistic, hands on site specific fall protection training. Topics covered include:

- ABC's of Fall Protection
- Selection, Inspection & Donning of Fall Protection
- Statistics
- Why Wear Fall Protection
- Site Specific Fall Protection Training

Terms ↘

Guardian will manufacture, ship, invoice, and support your business with the respect and appreciation that our customers deserve. Payment terms are net 30 days. A penalty of 1.50% per month will be added to all past due accounts. Prices are always subject to change without any prior notice. In the event an account is delinquent and actions taken to resolve the matter are not acknowledged within 120 days from the date of invoice, the Purchaser agrees to pay the Seller's reasonable attorney's fees and collection costs in reference to past due amount. Catalog and or quoted prices do not include sales, use, excise, or similar taxes, all of which shall be paid by the Purchaser.

Freight Policy ↘

All shipping prices are F.O.B. shipping point. Freight will be prepaid for the U.S. excluding Hawaii and Alaska on orders of \$2000.00 net or more depending on if the item qualifies for prepaid freight. Refer to the price pages and catalog for specific items that do not meet this guideline.

Returns & Exchanges ↘

An Authorization and a Return Number or Repair Number must be issued by Guardian on all returns and repairs. Credit will not be issued for any custom built item. Unlike competitors, we accept returns on all goods unused, excluding custom built items, with a purchase date of six (6) months or less without a restocking fee of 20% as long as the return is offset with an order. All returns must be shipped to Guardian freight prepaid.

Minimum Order ↘

Unlike our competitors, we have no minimum order. We appreciate your business so, thank you!

Special Orders ↘

Some special orders are subject to minimum order quantities and or set up charges.

Shipment Acknowledgements ↘

Purchaser's claims for shortages or errors in delivery must be made within ten (10) business days after receipt of goods and all other claims must be made within six (6) months thereafter.

Governing Law ↘

Washington State Laws shall govern. Any legal action based on an order must be filed in a court of competent jurisdiction in Washington

Warranty ↘

Guardian Fall Protection expressly warrants to the purchaser that all products are free from defect in material and workmanship at the time of shipment. Guardian Fall Protection's obligation under this warranty is limited to product replacement for a period of two (2) years from either (i) the date of first installation or use of the product or (ii) shipment to the purchaser, whichever period expires first. This warranty is not transferable.

No other person or firm is authorized to assume or assign for Guardian Fall Protection any other liability in connection with the sale or use of our 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. This warranty only covers defects in material and workmanship; it does not cover conditions resulting from normal wear and tear, neglect, abuse or accident. All returns to Guardian Fall Protection must have a return authorization which is obtained from our Customer Service department. All returns must be shipped prepaid.

Entire Contract ↘

All orders are subject to written acceptance by Guardian Fall Protection. This acknowledgment and the purchase order of the Purchaser constitute the entire agreement of purchase and sale between the parties. The Purchaser is responsible for all monies owed and in no way will hold the Seller liable for warranties beyond what is contained in the Terms and Conditions.



Every year the Occupational Safety and Health Administration posts their top 10 recordable citations. Consistently among these top 10 you will find the following citations given to contractors annually.

Most notable is the number 1 cited violation specific to 1926.501. Residential Construction, thus providing further evidence on why OSHA is now enforcing this standard with greater specificity than in previous years.

Guardian provides a number of solutions that would help you cost effectively mitigate these potentially costly citations. You can log onto www.osha.gov/oshstats/commonstats.html for additional information on OSHA's most common citations.

1926.451 Scaffolding: 7,035 Total Violations

- 1926.451 G01 Fall Protection
- 1926.451 B01 Platform Construction
- 1926.451 E01 Access
- 1926.451 C02 Criteria
- 1926.451 G04 Guardrails

1926.501 Fall Protection: 6,984 Total Violations

- 1926.501 B13 Residential Construction
- 1926.501 B01 Unprotected Sides
- 1926.501 B10 Low-Slope Roofs
- 1926.501 B11 Steep-Slope Roofs
- 1926.501 B04 Holes

1926.1053 Ladders: 3,179 Total Violations

- 1926.1053 B01 Portable Ladder Positioning
- 1926.1053 B04 Use For Designed Purpose
- 1926.1053 B13 Top Rung is Not a Step
- 1926.1053 B16 Broken Ladders
- 1926.1053 B22 Load Restriction

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