



**GUARDIAN**  
FALL PROTECTION  
**PERFORMANCE SAFETY GEAR**

# MESSAGE FROM THE PRESIDENT

First and foremost, on behalf of all the employees of Guardian Fall Protection thank you for your business and support. More than ever, Guardian is committed to providing customers with the greatest selection of fall protection equipment for the best value.

To add greater value for our customers, this newest catalog introduces a number of exciting new products utilizing state-of-the-art materials and designs to improve worker safety, quality, and flexibility in choosing the right products to get the job done.

To learn more about our newest products, please logon to [www.guardianguardrails.com](http://www.guardianguardrails.com), [www.guardiannetting.com](http://www.guardiannetting.com) or [www.guardianesg.com](http://www.guardianesg.com).

We invite you to experience one of the greatest selections of fall protection related products available in the market today. This selection includes our newest partnership with XSPlatforms™, confined space equipment, vertical and horizontal fall protection and debris netting, retractable lifelines, hanging scaffolding, guardrails, rescue related products, rolling scaffolding and much much more.

We graciously ask for the opportunity to support your fall protection related needs. Once again, thank you for your business and support.

*Ed Marquardt  
President, Guardian Fall Protection  
E-mail: [ed@guardianfall.com](mailto:ed@guardianfall.com)  
Cell: 206.229.9877*

**"WE COUNT ON GUARDIAN FOR ALL OF OUR PROTECTION NEEDS. EXCELLENT PRODUCTS – GREAT STAFF"**

*Skip Guardino  
Vice President of Safety  
Miller & Long Co. Inc.*

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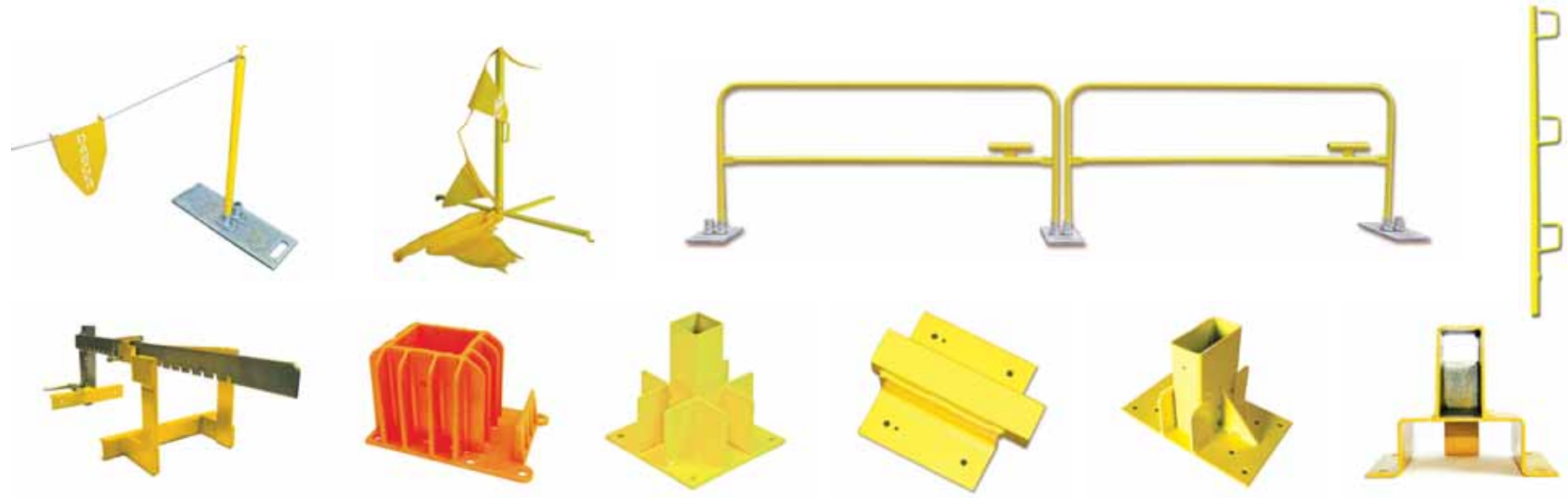
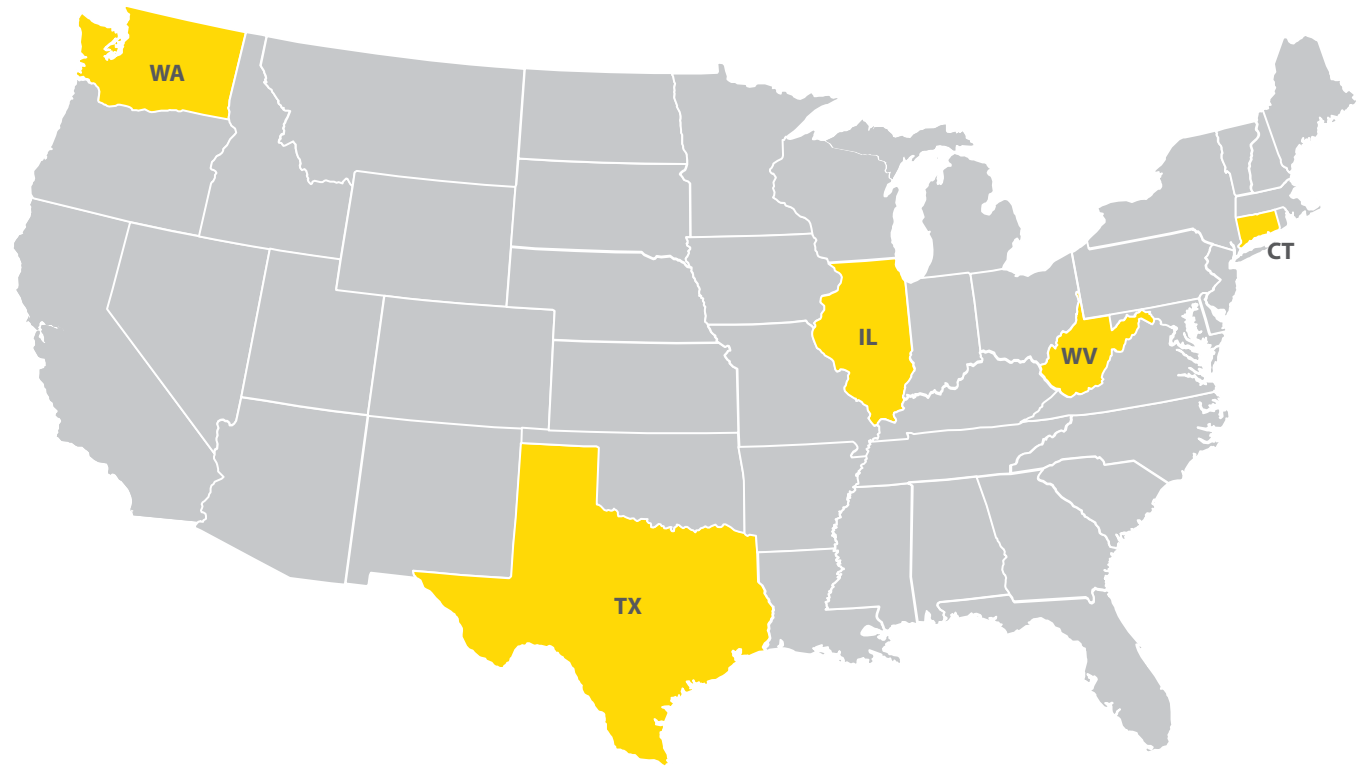
# NEW GUARDRAIL RENTAL PROGRAM

## WAREHOUSE LOCATIONS:

- Chicago, IL
- Hartford, CT
- Houston, TX
- Seattle, WA
- Martinsburg, WV

## RENTAL OF GUARDRAILS:

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# TESTIMONIALS

"What sets Guardian apart from the competition is your unbelievable customer service and knowledge about actual jobsite scenarios. That in combination with the attention we receive, we always feel like we are your top priority."

*Jamie Kaiser*  
Regional Safety Director  
Clark Construction Group, LLC

"Working with Guardian has been an excellent experience. Guardian understands the fall protection challenges that today's contractors face. The diverse selection of products and commitment to their customers has made Guardian the manufacturer of choice for fall protection at Davis Construction."

*Michael McCaffrey*  
James G. Davis Construction Corp.

"Working with Guardian Fall Protection products and knowledgeable field representatives has allowed me to revise our safety-training program and better prepare our new apprentices for the rigors and hazards found in the construction industry."

From aerial lift training to confined space retrieval, our training is on par with what is expected in the real world.

By using Guardian anchors and lifeline systems on our roof, we are now able to have our solar and renewable energy classes move from the classroom to the actual work environment.

Guardian has supported our training activities at the NECA-IBEW Electrical Training Center even though we are not a large consumer of their products. They openly share their expertise with fall protection equipment and our electricians and training program benefit from their efforts."

*Barry Moreland*  
Safety Director  
NECA-IBEW Electrical Training Center

"Guardian Fall Protection has been instrumental in providing expert advice, fall protection systems and training to our employees and subcontractors at P&S Construction. The wide variety of equipment from full body harnesses and lanyards to the array of anchorage devices and C-slab grabbers has helped our company tremendously in protecting the safety and health of everyone working on our projects."

It's great to be able to use one company to meet all our needs who has an outstanding product line and great customer service. I appreciate all you've done over the years."

*Dianna Souza*  
Safety Director  
P&S Construction Inc.

"Guardian has been extremely proactive working with us to service our immediate requirements on the site, as well as helping to develop the correct equipment requirements for new subcontractors as they come on to the project."

In addition, they have been instrumental in coordinating the correct training requirements needed for not only Turner but subcontractors as well. I have personally been to the Guardian's 16-hour Fall Protection Competent Person training at your West Virginia training facility and found the training to be comprehensive, relevant, and timely. We look forward to building our relationship with Guardian in the coming years. Keep up the good work."

*Elizabeth A. Quick*  
Site Safety Manager  
Turner Construction Company

"I wanted to write you and let you know how pleased we at Eckardt are with our recent purchases of the Guardian fall protection equipment. We have purchased 12 harnesses, some retractables and the favorite is the horizontal lifeline."

In Greensboro Georgia we had the difficult task of running conduit on the roof of a church sanctuary for the interior lighting. The roof was very steep (10-12 pitch) and the conduit had to be installed on the roof between layers of the framing and roofing materials. We had never worked in a situation where we had to get on such a steep slope. The quality of the Guardian equipment helped us secure employees that were willing to work on the roof. They commented on the quality and most of all the comfort while wearing the harnesses, along with the secure feeling of the horizontal lifeline."

In Lithia Springs, Georgia we are working on top of switchgear running conduits. We are getting the same response of the quality and comfortable fit of the harnesses. At this location we are using multiple retractables."

Thank you as always for your expertise in helping us with our fall protection needs. In closing we have purchased personal fall arrest equipment from several manufacturers and by far the Guardian equipment surpasses all."

*Wade Tuggle*  
Field Operations Superintendent  
Eckardt Electric Company Inc.

"Baker Concrete has had an excellent experience working with Guardian Fall Protection over the last year. The video they produced for us was top-notch - as was the process, and they have been extremely responsive and innovative to our requests for assistance in addressing site specific challenges. We look forward to other opportunities to collaborate with Jasson Farrier and his team."

*Jane B. Beaudry, CSP, CHST*  
Corporate Safety Director  
Baker Concrete Construction

# PASSIVE SYSTEMS

Falls remain the number one killer of workers in the construction industry and the number two killer of workers in private industry, according to the Bureau of Labor Statistics.

Falls from ladders and roofs still account for the majority of falls. Identifying fall hazards and deciding how best to protect workers is the first step in reducing or eliminating fall hazards.

Why would you use a Passive Fall Protection System (Guardrail System) versus what is referred to as Active Fall Protection System (Harness and Lanyard)?

OSHA has a Hierarchy of Fall Protection Controls and many fall protection hazards simply cannot be engineered out. As such, a passive system is ideal in that it will help keep the individuals from exposing themselves to the hazard altogether if placed properly.

Guardian Fall Protection has the largest selection of passive fall protection systems available on the market today. Outside of removing the hazard, the most responsible means of protecting the worker from a dangerous hazard is to keep the worker removed from the exposure altogether.

## HIERARCHY OF FALL PROTECTION CONTROLS

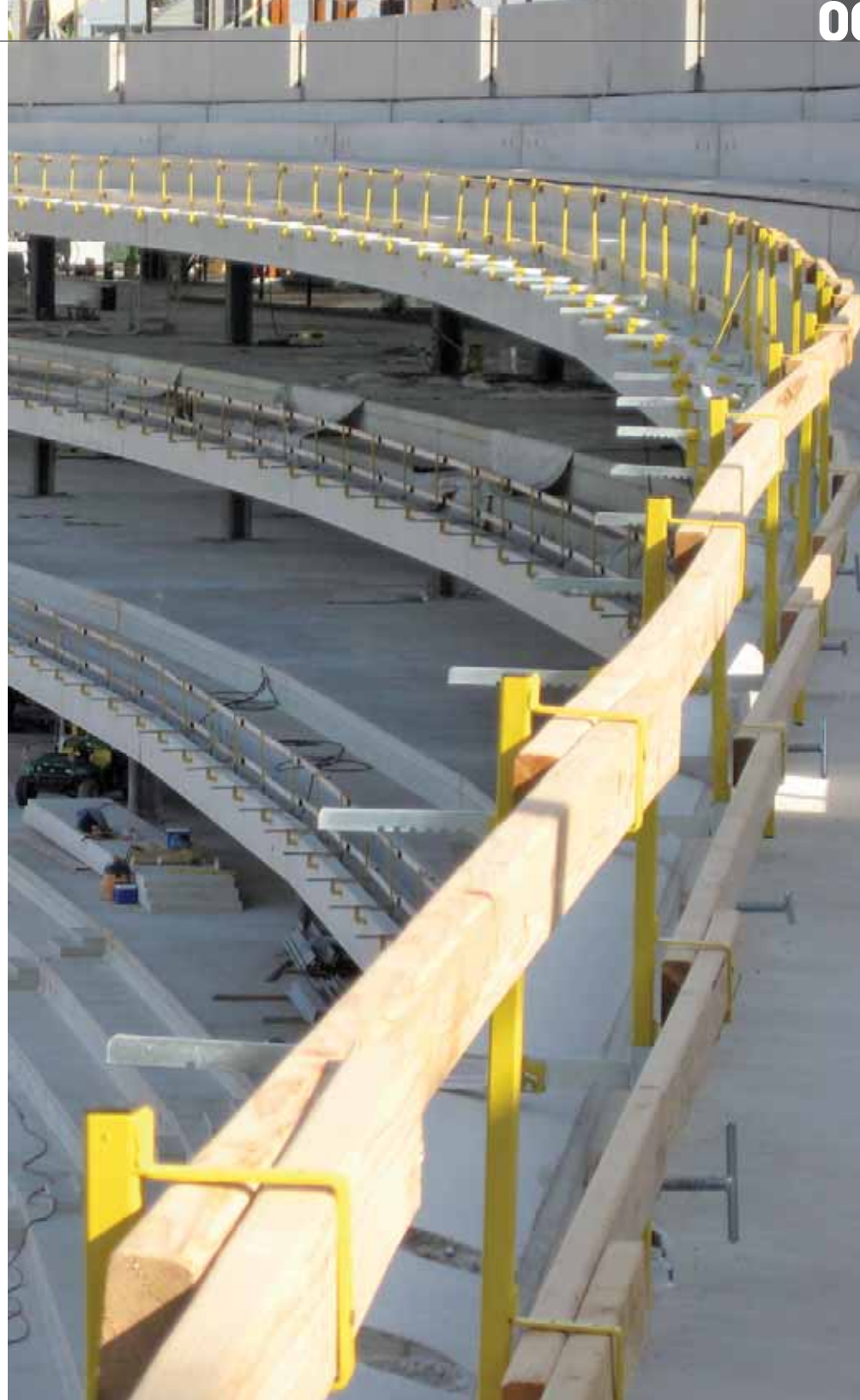
The following hierarchy shall be used to choose methods to eliminate or control fall hazards.

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. **Passive Fall Protection** - 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.guardianguardrails.com](http://www.guardianguardrails.com) to learn more about Guardian's selection of Passive Fall Protection Systems.



# PASSIVE SYSTEMS

## GUARDIAN PREMIUM G-RAIL SYSTEM

In partnership with XSPlatforms™, Guardian Fall Protection is excited to introduce our Premium G-Rail 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 G-Rail System while providing users with the option of having a straight upright, curved upright, or inclined upright. These options make any installation a possibility.

Establishing a new standard in Passive Fall Protection Systems, Guardian is the leader!



### 1 VERSATILITY

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

### 2 COUNTER WEIGHTS

Lightweight, non-penetrating counter weights 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.

Part #	Description
Custom	Guardian Premium G-Rail System

#### FEATURES

- Free standing design
- No tools required
- Collapsible option available
- Made of non-corrosive aluminum
- Architecturally superior
- Non-penetrating design
- Meets OSHA and European Safety standards





# GUARDIAN G-RAIL SYSTEM

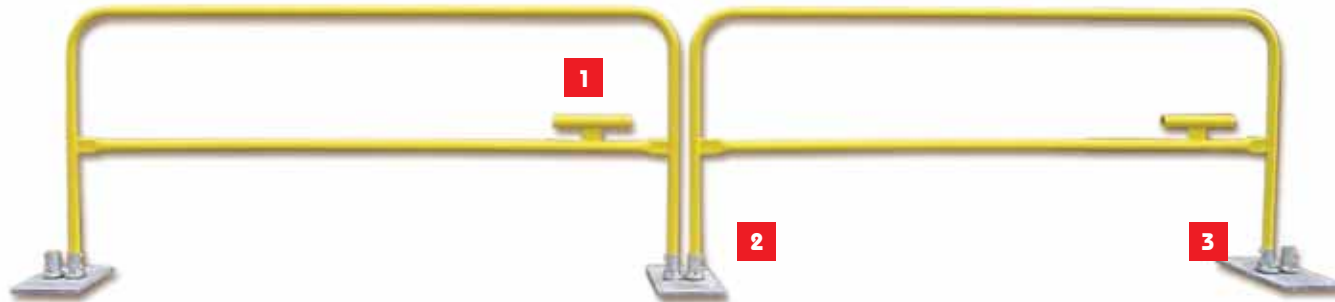
# PASSIVE SYSTEMS

Part #	Size	Description	Weight
15180		Base Plate	72.00
15181	10'	Safety Rail	33.00
15182	8'	Safety Rail	30.00
15183	6'	Safety Rail	27.00
15184		Short Toe-Board Attachment	1.50
15185		Long Toe-Board Attachment	2.90

## FEATURES

- The ONLY guardrail system with hot dipped galvanized base plates to prevent rust from bleeding onto rooftops
- The ultimate free standing portable fall prevention system that requires no rooftop surface attachment
- Meets all applicable OSHA & ANSI standards
- Skid resistant bases
- Rails are powder coated safety yellow
- Rail sections include weather protected instruction holster
- G-Rails come in 6'/8'/10' sections
- Rail height is 42"
- Base plate weighs 70 lbs. Dimensions: 30" x 10"
- Warehoused in 4 regional locations to minimize freight costs

*For G-Rail systems be sure to order one extra base plate for each continuous run to cover the end G-Rail.*



## HIGHLIGHTS

G-Rail 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 (rails), or galvanized (base plates) for durability.

The equipment is designed for use as a part of a personal fall protection system. Components shall not be used for any other operation other than that which it has been designed and approved.

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.



**1 INSTRUCTION HOLSTER**  
Weather protected instruction holster provides a copy of instructions and an Allen wrench to quickly adjust the legs.



**2 GALVANIZED BASE PLATES**  
The ONLY guardrail system with hot dipped galvanized base plates to prevent rust from bleeding onto rooftop.  
  
Weight: 70 lbs  
Dimensions: 30" x 10"



**3 TOE-BOARD ACCESSORY**  
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).

# PASSIVE SYSTEMS

## GUARDIAN COLLAPSIBLE G-RAIL SYSTEM

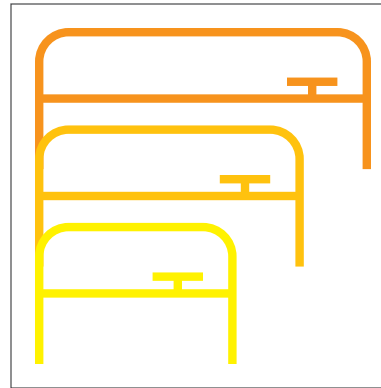
Part #	Description	Weight
15172	Guardian Collapsible G-Rail System	2.25
15189	6' Guardrail with Collapsing Guard Rail Bracket (2 Piece Set)	27.00
15190	8' Guardrail with Collapsing Guard Rail Bracket (2 Piece Set)	30.00
15191	10' Guardrail with Collapsing Guard Rail Bracket (2 Piece Set)	33.00

### FEATURES

- Easy adaptability for existing guardrails
- Modification can be done on site
- Heavy duty steel and aluminum bracket
- Safety locking pin allows for secure and easy attachment
- The ONLY guardrail system with hot dipped galvanized base plates to prevent rust from bleeding onto rooftops
- The ultimate free standing portable fall prevention system that requires no rooftop surface attachment
- Meets all applicable OSHA & ANSI standards
- Skid resistant bases
- Rail sections include weather protected instruction holster
- G-Rails come in 6'/8'/10' sections
- Warehoused in 4 regional locations to minimize freight costs\*

\*Systems are available for rental from one of our four nationwide warehouses.

Be sure to order one extra base plate for each continuous run to cover the end G-Rail.



### PRODUCT SPECIFICATIONS

Base Plate:	Hot dipped galvanized
Base Plate dimensions:	30" x 10"
Base plate weight:	70 lbs
Rails:	Powder coated safety - yellow
Rail height:	42"

### 1 EASY FOLD DESIGN

The Collapsible G-Rail Adapter can be applied to existing G-Rails in the field or to your order prior to leaving one of our many warehouses.

### 2 VARIETY OF SIZES

The Collapsible G-Rail System comes in 3 different sizes which include: 6 ft, 8 ft, and 10 ft rails.

### 3 VERSATILE BASE

The baseplate for the Collapsible G-Rail system can be used with our standard G-Rail system and our new Permanent Warning Line system. This gives our users the best options available.

# GUARDIAN WARNING LINE SYSTEMS

# PASSIVE SYSTEMS

**1 SINGLE STANCHION (15225)**



**2 REPLACEMENT FLAG LINE (15231)**



**3 TRANSPORTER (15230)**



**4 STEEL WARNING FLAG (15038)**



**5 PERMANENT LINE MAST (15039)**



**TEMPORARY WARNING LINE SYSTEM PRODUCTS 1, 2, 3**

**STANCHION (15225)**

- Reusable and easy to store
- Use one stanchion every 50 ft
- Weighs only 39 lbs
- Stanchions are 39 1/2" high

**100' REPLACEMENT FLAG LINE (15231)**

- Large, yellow heat-sealed flags spaced every 5 ft
- Heavy-duty nylon cord
- OSHA compliant

**TRANSPORTER (15230)**

- Lets you roll the 465 lbs system with ease
- Holds 9 stanchions for a complete 300 ft system
- Built-in lift ring for hoisting to a roof
- Built-in reel that holds 300 ft of flagged line

**PERMANENT WARNING LINE SYSTEM 4, 5**

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 G-Rail Baseplate, the Permanent Warning Line post is easily attached. The lengths of the cable and flags are prepositioned for quick and easy installation.

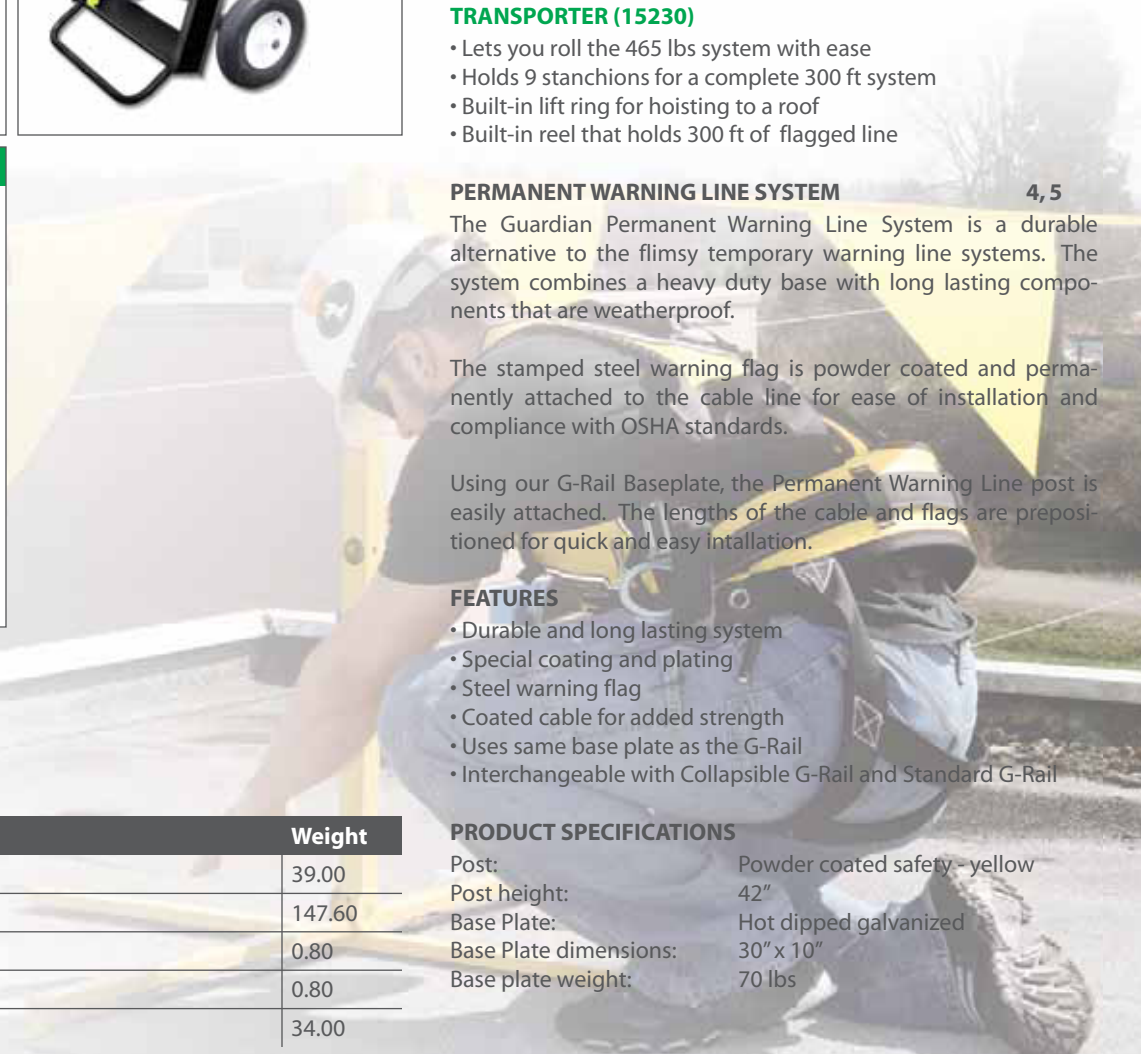
**FEATURES**

- Durable and long lasting system
- Special coating and plating
- Steel warning flag
- Coated cable for added strength
- Uses same base plate as the G-Rail
- Interchangeable with Collapsible G-Rail and Standard G-Rail

**PRODUCT SPECIFICATIONS**

Post:	Powder coated safety - yellow
Post height:	42"
Base Plate:	Hot dipped galvanized
Base Plate dimensions:	30" x 10"
Base plate weight:	70 lbs

Part #	Description	Weight
15225	Single Stanchion	39.00
15230	Transporter	147.60
15231	100' Replacement Flag Line	0.80
15038	Stamped Steel Warning Flag	0.80
15039	Guardian Permanent Warning Line Mast	34.00



# PASSIVE SYSTEMS

## GUARDIAN ANGEL GUARDRAIL BOOT

Part #	Description	Weight
15188	Guardian Angel Guardrail Boot	8.83

### PRODUCT SPECIFICATIONS

Base: Durable high strength plastic  
 Dimensions: 8½ (L) x 5¾ (W) x 5¼ (H)

### FEATURES

- Durable high strength plastic
- Pliable, yet flexible to withstand harsh job-site environments and abuse
- Reusable
- Safety orange for high visibility
- Integrated toe board design
- Fast setup for wood or concrete applications
- Reinforced gussets for long life
- Inexpensive option for residential and commercial applications
- Extremely lightweight
- Simple design allows for proper installation every time

### FEDERAL OSHA 1926.502(B)(3)

Guardrail system shall be capable of withstanding, without failure, a force of at least 200 pounds (890N) applied within 2 inches (5.1 cm) of the top edge, in any outward or downward direction, at any point along the top edge.



#### 1 DURABLE DESIGN

The Angel Guardrail Boot is a durable design with reinforced gussets to withstand the harsh jobsite environment. The Angel Guardrail Boot is reusable.



#### 2 INTEGRATED TOE BOARD

The new Guardian Angel Guardrail Boot includes a simple to use toe board slot for easy attachment of a toe board. In addition, two nail holes are provided so that the toe board can be properly secured.

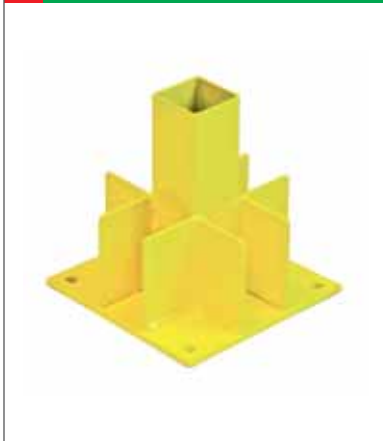


#### 3 QUICK INSTALLATION

The Angel Guardrail Boot is easy to install and can be attached to wood or concrete. Guardian can also provide installation recommendations and layout support from our engineers.

# GUARDRAIL MOUNTING OPTIONS

## 1 STAIR MOUNT (61140)



## 2 STAIR MOUNT FOR 2X4 (61141)



### STAIR MOUNT (61140)

1

- Durable welded steel
- Mounts with 4 screws or nails
- Also engineered to be used on concrete 2,000psi or stronger
- Dimensions: 6" (L) x 6" (W) x 6" (H)

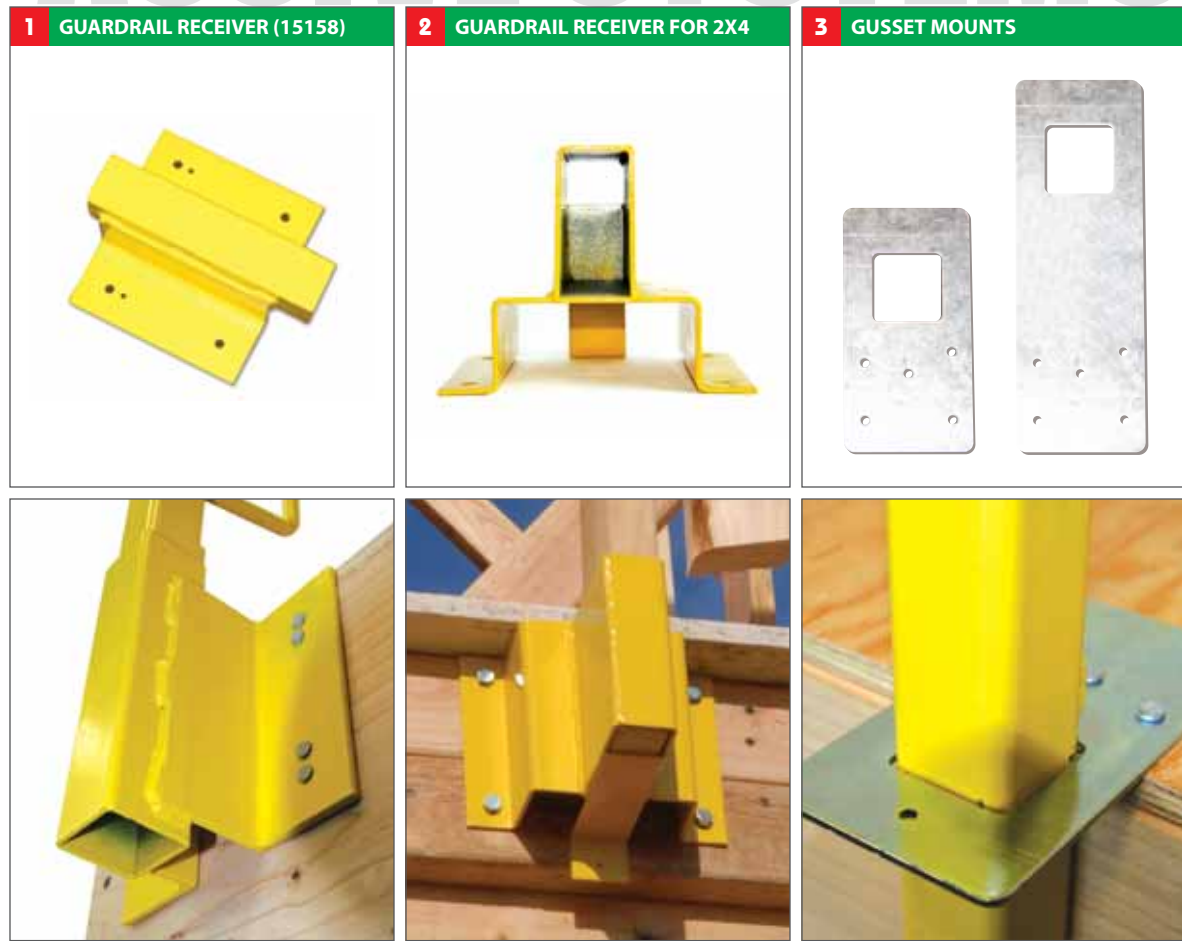
### STAIR MOUNT FOR 2 X 4 (61141)

2

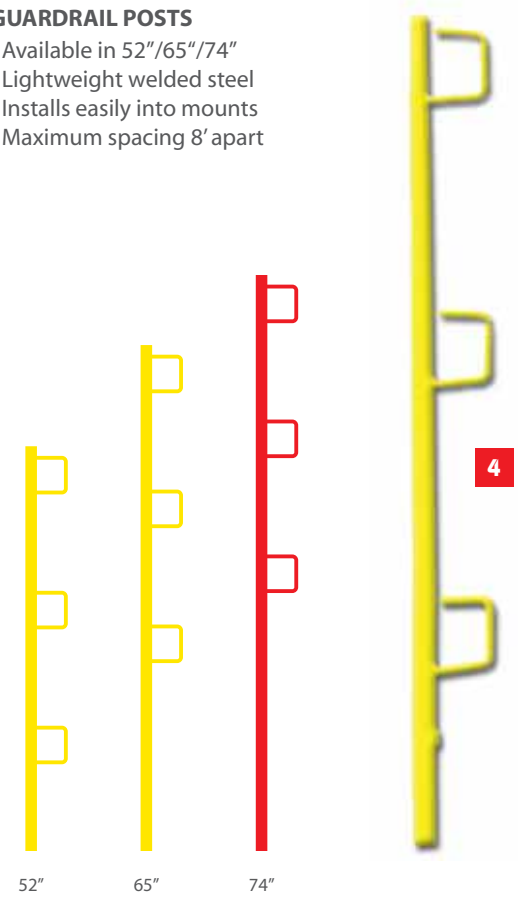
- Durable welded steel
- Mounts with 4 screws or nails
- Also engineered to be used on concrete 2,000psi or stronger
- Dimensions: 10" (L) x 6" (W) x 6" (H)

Part #	Description	Weight
61133	SBMGP-52 - Universal Guardrail Post - 52" Height	11.00
61135	SBMGP-65 - Metal Guardrail Post - 65" Height	14.00
61136	SBMGP-74 - Universal Guardrail Post - 74" Height	17.00
61140	SBPR - Stair Mount for use with Guardrail Post	3.00
61141	SBSB-2X4 - Stair Mount for use with 2 x 4 Boards	3.00

# GUARDRAIL MOUNTING OPTIONS



- GUARDRAIL RECEIVER (15158)** 1
  - Durable welded steel
  - Mounts with screws or nails
  - Tested for concrete 2000psi or more
- GUARDRAIL RECEIVER FOR 2 X 4 (61029)** 2
  - Durable welded steel
  - Mounts with screws or nails
  - Tested for concrete 2000psi or more
- GUARDRAIL GUSSETS (15159 & 61027)** 3
  - Galvanized steel
  - Saves 40% of installation labor
  - Mounts with screws or nails
  - Gusset Mounts bring Guardrail Posts flush with outside walls
  - Reusable
- GUARDRAIL POSTS** 4
  - Available in 52"/65"/74"
  - Lightweight welded steel
  - Installs easily into mounts
  - Maximum spacing 8' apart



Part #	Description	Weight
15158	GRR - Guardrail Receiver	4.00
15159	GRG - Guardrail Gusset	0.25
61027	GRG-E - Extended Guardrail Gusset	0.46
61029	GRR-2X4 - Guardrail Receiver for use with 2 x 4 Boards	5.00
61133	SBMGP-52 - Universal Guardrail Post - 52" Height	11.00
61135	SBMGP-65 - Metal Guardrail Post - 65" Height	14.00
61136	SBMGP-74 - Universal Guardrail Post - 74" Height	17.00

# ANGEL ANCHOR SYSTEM

Part #	Description	Weight
00260	Angel Anchor System (1)	650.00
00380	Skyhook™ Swivel Top (2)	7.00
10925	30' Heavy Duty Leading Edge Retractable (3)	17.00
10927	50' Heavy Duty Leading Edge Retractable	21.00
10928	65' Heavy Duty Leading Edge Retractable	27.00

- Read all instructions included with this product prior to use.
- The Angel Anchor System is designed for use by persons with the combined weight (tools, clothing, etc.) of no more than 310lbs.
- Personal Fall Arresting Systems used with this equipment must be rigged to limit a free fall of no more than 6ft. 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.

## PRODUCT FEATURES

- Easy to assemble
- Each weight has an attached handle for ease of movement / installation
- Suitable for use on multiple roof surfaces
- 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
- Attach two Angel Anchors with our Cable HHL (04800) or Rope HHL (04628) & provide fall restraint for up to two workers
- Does not include Skyhook™ Swivel Top or Leading Edge Retractables

## PRODUCT SPECIFICATIONS

- Versatile, non-penetrating, free standing unit
- Single tie-off point
- Rubber anti-skid pads on bottom of base plates
- Each plate weighs 45 lbs
- Actual unit measures 6' 7" long and 5' 2" wide
- Total unit weighs 575 lbs
- Plated, galvanized and painted options available
- SRL swivel attachment option
- For leading edge work, use the Guardian Leading Edge Retractable



# GUARDIAN PARAPET ANCHOR SYSTEM

Part #	Description	Weight
15171	Guardian Parapet Anchor System	31.00
61133	52" Guardrail Post	11.00

## PRODUCT SPECIFICATIONS

Material:	Zinc coated steel
Dimensions:	28" (L) x 16" (H)
Weight:	31 lbs
Max. spacing:	8'

## PRODUCT FEATURES

- Single point tie-off
- Costs 20% less than other comparable brands
- Durable, reusable and versatile system
- Works with 52" Guardrail Post (61133)
- Easy to adjust handles
- Integrated safety pin for secure set up
- Reinforced for long life
- Rated for 5000lbs.
- Can be used with shock absorbing lanyards and retractables
- Meets OSHA standards for guardrail and an anchor point
- Workers can incorporate our Horizontal Rope Lifeline System up to a 20ft. span for increased mobility for one worker only
- Only one option in use at a given time. For example: You can not use the guardrail system while using the single point tie-off or use an HLL system while using the guardrail system, etc.



### 1 EASY ADJUSTMENTS

The Guardian Parapet Anchor System has large easy-to-grip adjustment handles for quick set-up and proper securement.



### 2 VERSATILE & COST EFFECTIVE

This system has three unique features in that you can use it for the placement of guardrail uprights, single point tie-off, or in conjunction with our Horizontal Rope Lifeline up to a 20ft. span.



### 3 SAFETY PIN

The safety pin allows for secure and simple adjustment so that the Parapet Anchor can fit a wall from 4" to 20".



# GUARDIAN C-SLAB GRABBER

Part #	Description	Weight
15500	Guardian C-Slab Grabber	21.80

## FEATURES

- Ideal solution for installing guardrails during concrete decking operations
- New backup safety cable that keeps the systems from separating
- Quick adjust handle
- Anti-slip tape
- Fast and easy to set up
- Adjusts up to a 36" slab
- Wrench adjustment is optional
- Meets or exceeds OSHA's standards
- Can use 2 x 4's, 2 x 6's or cable for rails
- Affordable and rugged construction, built to last
- Maximum spacing 8' apart



### 1 SECURE SYSTEM

The Guardian C-Slab Grabber offers an affordable solution to Guardrails. You can use 2 x 4's, 2 x 6's or cable for rails.



### 2 BACKUP SAFETY SYSTEM

The Guardian C-Slab Grabber has the new backup safety feature that keeps the unit from separating.



### 3 ANTI-SLIP TAPE

The anti-slip tape keeps the C-Slab Grabber from slipping.



# GUARDIAN GUARDRAIL SYSTEMS

Part #	Description	Weight
15170	Parapet Clamp Guardrail System (1 bracket, 1 post)	15.00
15173	Residential Guardrail System (1 bracket, 1 post)	15.00
15175	42" Guardrail Post	4.00

## RESIDENTIAL GUARDRAIL SYSTEM (15173)

Guardian introduces another versatile and cost effective Guardrail System which allows roofing activities to be performed safely. The Ultra-Adjust Roof Bracket is designed for five different positions from 6/12 to 16/12. When used in conjunction with 2" x 4" and 2" x 6" toe boards, this continuous guardrail system complies with OSHA's regulations.

- Roof bracket includes guardrail holder and bracing support
- Lightweight system
- Adjustable from 6/12 to 16/12
- Slotted for easy removal
- Compact for storage
- Can be used as a slide guard
- Can be used for fall protection on roofs
- Maximum spacing 8' apart



## PARAPET CLAMP GUARDRAIL SYSTEM (15170)

The new adjustable parapet guardrail system by Guardian offers the contractor an economical and easy-to-use system. Each system includes a parapet clamp and guardrail post. *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.*

- Easily installed by one person without ladders or scaffolding
- By using adjustable screw, parapet bracket adjusts to wall widths between 4" to 24"
- Adjustable bracket weighs only 19lbs including guardrail post
- Complies with OSHA's standards
- Maximum spacing 8' apart



# LADDER PRODUCTS

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.

A ladder's duty rating tells you its maximum weight capacity. There are four categories of duty ratings:

### 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.*

## LADDER INSPECTION

Always check a ladder before using it. Inspect wood ladders for cracks and splits in the wood. Check all ladders to see that steps or rungs are tight and secure. Be sure that all hardware and fittings are properly and securely attached. Test movable parts to see that they operate without binding or without too much free play. Inspect metal and fiberglass ladders for bends and breaks.

Never use a damaged ladder. Tag it "Defective" and report it to the boss so that it may be removed from the job.



# SAFE-T LADDER™ EXTENSION SYSTEM



## 1 SIMPLE TO USE KNOB

Simple to use knob, tightens by hand without scratching or damaging ladder.



## 2 SAFETY LATCH

Safety latch prevents unit from slipping off ladder.



## 3 CUSHIONED PADS

Cushioned bumper pads help to protect the eave of the roof.



## 4 HAND GRIPS

Added hand grips for safe and easy use.



## 5 FLOOR DISPLAY BOX

Retail display box for easy storage of 6 ladder extensions. Information on the package is bilingual.

**“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 (.9 m) 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.



Part #	Description	Weight
10800	Safe-T Ladder™ Extension System	15.00
10804	6-Pack Safe-T Ladders™ and Display Box	90.00

# SAFE-T LADDER™ ACCESSORIES

# LADDER PRODUCTS

## 1 LADDER STABILITY ANCHOR



## 2 LADDER DOLLY (10825)



Part #	Description	Weight
10808	Ladder Stability Anchor (includes 2' & 3' strap)	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

### GUARDIAN LADDER STABILITY ANCHOR (10808)

1

Guardian's Ladder Stability Anchor is a new addition to our ladder safety products. This new device 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 ft and 3 ft Velcro straps that firmly fasten around top rung of the ladder. No special tools are required and only takes seconds to attach.

### THE PATENTED LADDER DOLLY (10825)

2

- 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 and increases productivity
- Edge-mounted position allows easy storage
- Available in various versions:
  - a heavy-duty model with 8" diameter wheels*
  - a light-duty model with 6" diameter wheels*
  - a step ladder model with 1" ball bearing wheels (10827)*



# LADDER PRODUCTS

## ALUMINUM LADDER JACKS & LADDER HOOKS

**1** 2-RUNG LADDER JACK (2420)



**2** 3-RUNG LADDER JACK (2430)



**3** LADDER HOOKS (2480/2481)



### ALUMINUM LADDER JACKS

1,2

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

**2420/2420P/2422** - 2-Rung Short Body

**2430/2432** - 3-Rung Long Body

### LADDER HOOK (NO WHEEL) (2480) & LADDER HOOK WITH WHEEL (2481)

3

- 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

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
2480	Ladder Hook (no wheel)	5.00
2481	Ladder Hook (with wheel)	7.00

# LADDER JACK PRODUCTS & LADDER STABILIZER

## 4 RAIL HOLDER (2450)



## 5 CORNER BUDDY (2470)



Part #	Description	Weight
2450	Ladder Jack Safety Rail Holder	5.00
2455	12' Ladder Jack Safety Rail	60.00
2456	18' Ladder Jack Safety Rail	90.00
2457	24' Ladder Jack Safety Rail	120.00
2470	Corner Buddy Ladder Stabilizer	5.00

### LADDER JACK SAFETY RAIL HOLDER (2450)

4

- Provides handrail support for Ladder Jack system
- Vertical pivot mount on holder allows for easier installation of safety handrail
- Provides an added measure of safety when using Ladder Jack Scaffolding
- Can be used with either fabricated 2 x 4 rails or the Qual-Craft Ladder Jack Safety Rail
- Lightweight aluminum construction
- Use in conjunction with personal fall protection

### LADDER JACK SAFETY RAIL (2455)

- Provides handrail for Ladder Jack System
- Works with Qual-Craft's Ladder Jack Safety Rail Holder
- Spans up to 24 feet
- Lightweight - less than 60 pounds
- Joinable sections up to 24'
- OSHA compliant as a handrail
- Use along with a personal protection system
- Aluminum safety rails are available in 12'/18'/24' lengths

### CORNER BUDDY LADDER STABILIZER (2470)

5

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



# LADDER ASSIST & SAFE-T-CLIMB DEVICES

1



2 SAFE-T-CLIMB™ FOR ROOFTOP



3 SAFE-T-CLIMB™ FOR PARAPET WALLS



Part #	Description	Weight
10840	Safe-T-Climb™ Device for Rooftop & Parapet Walls	8.00
15104	Ladder Assist	21.00

## LADDER ASSIST (15104)

1

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

## SAFE-T-CLIMB™ DEVICE FOR ROOFTOP & PARAPET WALLS (10840)

2,3

- Unit weighs only 8 lbs
- Easy on/off non-penetrating clamping system
- Interchangeable with Safe-T-Climb parapet system
- Ladder leveling device for proper angling position away from the structure
- Adjustable legs to fit larger parapet walls
- Patent pending



# ROLLING SCAFFOLDING SYSTEMS

Last year, Guardian Fall Protection acquired FramePro Products™ which manufactures a wide range of rolling scaffold products, material carts, and hanging wall scaffolds. When selecting a brand of scaffold it is critical to purchase a product that is built with safety in mind as well as durability. Guardian chose FramePro Products™ because of the level of quality that is built into their products. The tube structure is larger, the casters are stronger, and the systems are highly durable and built with finest manufacturing processes available today. You will recognize this quality in the welds, powder coating, labeling, and design.

## WHAT SHOULD YOU DO WHEN USING A ROLLING SCAFFOLD?

- Assemble the rolling scaffold according to manufacturer's instructions
- Ensure that the surface is level and without holes or obstructions
- Brace all rolling scaffolds horizontally and diagonally
- Cleat or secure all planks
- Prevent joints from separating
- Secure access ladders
- Ensure that each wheel or caster is equipped with brakes to prevent rolling & swivelling
- Lock the caster brakes before climbing onto scaffold
- Secure / remove all material, equipment and personnel from platform before moving it
- Push towards the base when moving
- Refer to safety regulations for height stability requirements

## WHAT SHOULD YOU NOT DO WHEN USING A ROLLING SCAFFOLD?

- Do not stay on the scaffold when it is being moved
- Do not try to move a rolling scaffold without enough help
- Watch out for slopes, holes, debris, and overhead obstructions
- Do not extend adjusting screws more than the manufacturer recommends
- Do not allow the working platform height to exceed 3 times the base width, unless it is guyed and equipped with outriggers or otherwise stabilized
- Do not use powered devices to move scaffolds
- Do not lean access ladders against rolling scaffolds



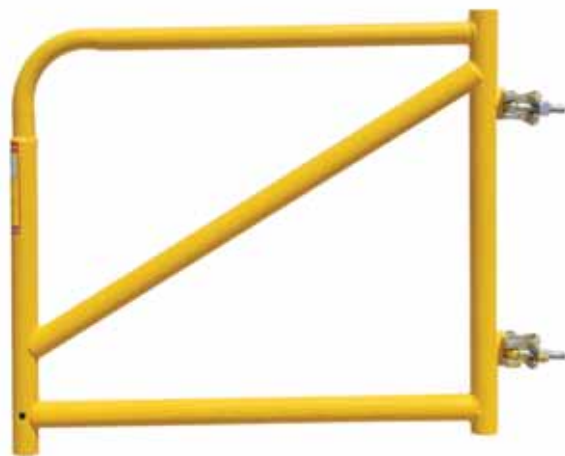
# ROLLING TOWER ASSEMBLY & PARTS

Part #	Qty.	Description	Length	Width	Height	Weight
61206	1	FPSCA-7RT12 - Rolling Tower Assembly	84"	60"	180"	585.00
61181	2	SCA-RTFL5 - Rolling Tower Frame	60"	2"	60"	45.00
61182	2	SCA-RTFL6 - Rolling Tower Frame	60"	2"	78"	55.00
61152	3	SCA-AB7 - All aluminum Board	84"	19¼"	2"	32.00
61158	4	SCA-B74 - Cross Brace - Punched Hole	84"	1"	N/A	14.00
61007	4	C8P - Heavy Duty Caster	13"	10"	9½"	14.00
61163	1	SCA-G7-5H - Diagonal Gooser	106"	1½"	N/A	12.00
61183	2	SCA-RTG - Rolling Tower Guardrail Gate	60"	2"	45"	45.00
61171	4	SCA-GR7 - Galvanized Guardrail	84"	1"	N/A	8.00
61161	8	SCA-CP7-1 - Coupling Pin	9"	1¼"	N/A	1.50
61185	8	SCA-SC - Spring Clip for Coupling Pin	3"	3"	N/A	0.05
61164	12	SCA-GP - Gravity Pin	5"	1¼"	N/A	0.15
61184	2	SCA-RTOR - Outrigger	34"	4"	26"	20.00

## ROLLING TOWER ASSEMBLY (61206)

- Professional grade all aluminum planks - heavy duty - 75 lbs/ft
- Built in ladders
- High strength steel tubing w/ heavy duty powder coat finish
- 1000 lbs capacity heavy duty locking casters
- Outriggers (61184) are available

\* Additional aluminum planks available separately.



61184



61007

# DRYWALL CARTS & UTILITY CASTER PRODUCTS

Part #	Description	Length	Width	Height	Weight
61191	SDCI-BM - "The Hercules" "I" style Drywall Cart	49"	27"	45"	44.00
61192	SDDC-BM - "The Warrior" "PD3" style Drywall Cart	48"	22"	48"	56.00
61225	8020-BT - BlueMaxx Swivel Caster, non-marring w/ brake	8"	2"	10"	11.00
61312	8020TPRS-B1 - Grey Non-Marring Caster w/ brake	8"	2"	10"	7.00
61002	8020RSR-B1 - 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 (61312)	49"	27"	45"	72.00
61310	"The Hercules" (61191) w/ Black Rubber Casters (61002)	49"	27"	45"	84.00
61220	"The Warrior" (61192) w/ BlueMaxx Casters (61225)	48"	22"	48"	100.00
61309	"The Warrior" (61192) w/ Grey Casters (61312)	48"	22"	48"	84.00
61311	"The Warrior" (61192) w/ Black Rubber Casters (61002)	48"	22"	48"	96.00
61004	8020SWL - Swivel Lock for 61225, 61312 & 61002	N/A			0.50



61220



61219



BlueMaxx Swivel Caster (61225)



Grey Non-Marring Caster (61312)



Black Rubber Swivel Caster (61002)



61004

### "THE WARRIOR" DRYWALL CART (61192)

- Swivel Locks available
- Powdered coated finish
- Cart Load Capacity: 3000 lbs
- Available individually and w/ different caster options

### "THE HERCULES" DRYWALL CART (61191)

- Powdered coated finish
- Removable/Collapsible poles
- Great maneuverability
- Swivel Locks available
- Cart Load Capacity: 3000 lbs
- Available individually and w/ different caster options

### SWIVEL LOCK (61004)

- For use with blue, grey and black casters
- Prevents the caster from swiveling
- Allows to keep your load rolling straight

### CASTERS

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

**61225** BlueMaxx Casters  
Caster Capacity: 1150 lbs  
Cart Capacity: 3000 lbs

**61312** Grey Casters  
Caster Capacity: 600 lbs  
Cart Capacity: 2500 lbs

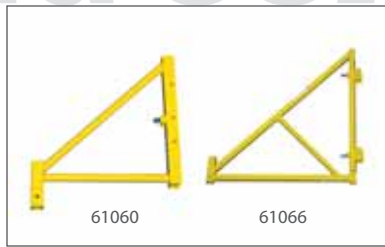
**61002** Black Rubber Casters  
Caster Capacity: 600 lbs  
Cart Capacity: 2500 lbs

# MULTI-FUNCTION SCAFFOLDING & ACCESSORIES



## 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 OUTRIGGERS

FramePro™ offers narrow and wide outriggers. 61060 are required when stacking 2 MFS together. 61066 are required when stacking up 3 MFS. WOR will also swivel for convenience when working in narrow areas, or next to a wall.



## 3 39" & 65" LADDERS

FramePro™ offers 39" (61057) and 65" (61058) ladders. Two 65" (61058) ladders come standard with an MFS. 39" (61057) ladders are ideal for those who do not require to go up a full 6'. Both are available for individual purchase.



## 4 TRUSSES (61064)

Replacement trusses are available upon request.



## 5 PLANK (61061)

Steel reinforced seven-ply platform. Comes standard with 61053, also available as replacement item.



## 6 CASTERS (61006)

Casters contain sealed bearings for smooth rolling. A set of four casters comes standard with the purchase of a scaffold, but they are also available individually as extras or replacements.

## STEEL MULTI-FUNCTION SCAFFOLD (61053)

- 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
- Durable powder coat finish
- Load Capacity: 1000 lbs
- Available in 8'
- All parts available in steel or aluminum



Part #	Qty.	Steel Multi-Function Scaffold	Length*	Width*	Height*	Weight
61053	1	MFS - Steel Multi-Function Scaffold	74"	29"	73"	154.00
61055	1	MFS-GRS6 - Steel Guardrail Set	70"	29"	45"	80.00
61060	4	MFS-NOR - Steel Narrow Outrigger	18"	19"	18¾"	6.60
61066	4	MFS-WOR - Steel Wide Outrigger	33"	33"	32¾"	19.00
61057	2	MFS-L39 - MFS 39" Ladder	2"	29"	39"	16.00
61058	2	MFS-L65 - MFS 65" Ladder	2"	29"	65"	22.00
61064	2	MFS-T6 - 6' Truss	74"	2"	18"	22.00
61061	1	MFS-P6 - 6' Plank	67"	29"	2"	33.00
61006	4	C5R - 5" Rubber Caster w/ Brake	6"	2"	9"	4.90

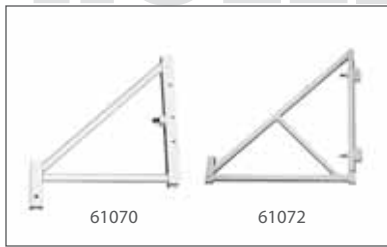
\* All dimensions are for individual pieces.



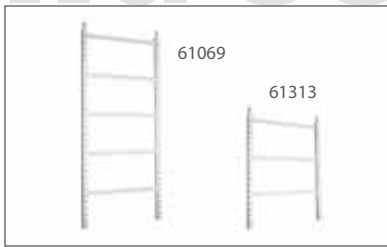
# MULTI-FUNCTION SCAFFOLDING & ACCESSORIES



**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 OUTRIGGERS**  
FramePro™ offers narrow and wide outriggers. 61060 are required when stacking 2 MFS together. 61066 are required when stacking up 3 MFS. WOR will also swivel for convenience when working in narrow areas, or next to a wall.



**3 39" & 65" LADDERS**  
FramePro™ offers 39" (61057) and 65" (61058) ladders. Two 65" (61058) ladders come standard with an MFS. 39" (61057) ladders are ideal for those who do not require to go up a full 6'. Both are available for individual purchase.



**4 TRUSSES (61071)**  
Replacement trusses are available upon request.



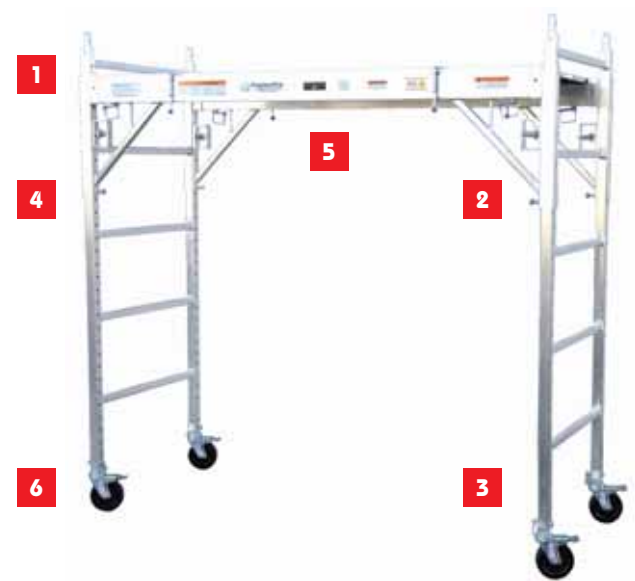
**5 PLANK (61073)**  
Steel reinforced seven-ply platform. Comes standard with 61053, also available as replacement item.



**6 CASTERS (61006)**  
Casters contain sealed bearings for smooth rolling. A set of four casters comes standard with the purchase of a scaffold, but they are also available individually as extras or replacements.

**ALUMINUM MULTI-FUNCTION SCAFFOLD (61067)**

- 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
- Load Capacity: 1000 lbs
- Available in 8'
- All parts available in steel or aluminum

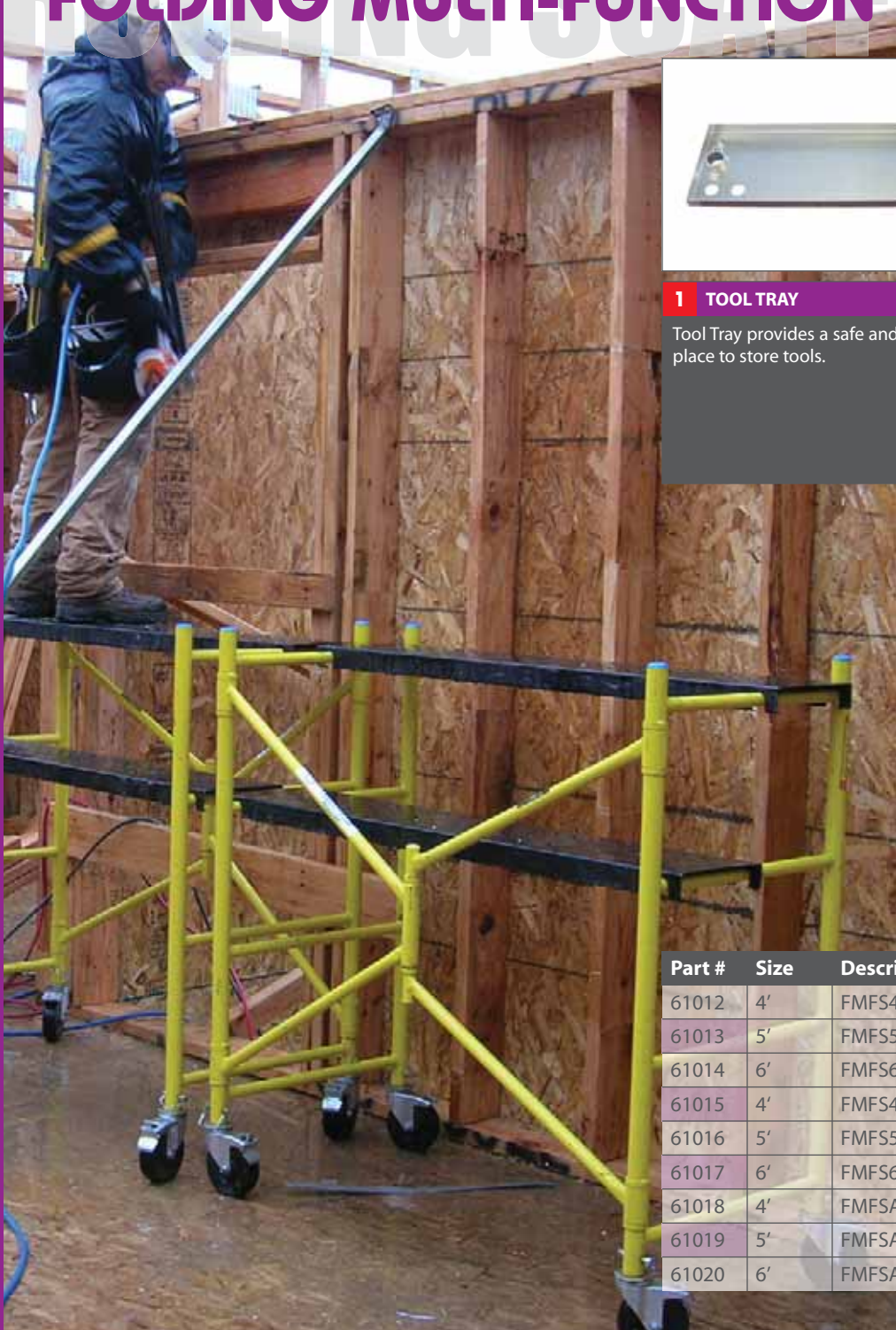


\* All dimensions are for individual pieces.

Part #	Qty.	Aluminum Multi-Function Scaffold	Length*	Width*	Height*	Weight
61067	1	MFSA - Aluminum Multi-Function Scaffold	74"	29"	73"	88.00
61068	1	MFSA-AGRS6 - Aluminum Guardrail Set	70"	29"	45"	28.50
61070	4	MFSA-ANOR - Aluminum Narrow Outrigger	18"	19"	18¾"	2.50
61072	4	MFSA-AWOR - Aluminum Wide Outrigger	33"	33"	32¾"	5.50
61313	2	MFSA-AL39 - MFSA 39" Ladder	2"	29"	39"	9.00
61069	2	MFSA-AL65 - MFSA 65" Ladder	2"	29"	65"	11.00
61071	2	MFSA-AT6 - 6' Aluminum Platform Truss	74"	2"	18"	9.50
61073	1	MFSA-P6 - 6' Aluminum Plank	67"	29"	2"	25.50
61006	4	C5R - 5" Rubber Caster w/ Brake	6"	2"	9"	4.90



# FOLDING MULTI-FUNCTION SCAFFOLDING



## 1 TOOL TRAY

Tool Tray provides a safe and convenient place to store tools.



## 2 SLIP RESISTANT PLANK

The plank is designed to reduce the likelihood of slippage.



## 3 CASTERS (61006)

Casters contain sealed bearings for smooth rolling. A set of four casters comes standard with the purchase of a scaffold, but they are also available individually as extras or replacements.

### FOLDING MULTI-FUNCTIONAL SCAFFOLDING

- Convenient tool tray included (1)
- Slip resistant planks (2)
- Smooth rolling bearings in casters (3)
- FMFS load rating: 700 lbs
- FMFSA load rating: 600 lbs
- **61012/61013/61014** - steel
- **61018/61019/61020** - aluminum
- End Tube diameter is a heavy duty 1 7/16"
- All parts available in steel or aluminum



Part #	Size	Description	Length	Width	Height	Weight
61012	4'	FMFS4 - Steel Folding Multi-Function Scaffold	47½"	22½"	48"	90.00
61013	5'	FMFS5 - Steel Folding Multi-Function Scaffold	51"	25"	60"	106.00
61014	6'	FMFS6 - Steel Folding Multi-Function Scaffold	57"	29"	74"	132.00
61015	4'	FMFS4-P - Steel Replacement Platform	49"	9"	2"	16.00
61016	5'	FMFS5-P - Steel Replacement Platform	52"	10"	2"	17.00
61017	6'	FMFS6-P - Steel Replacement Platform	58"	8"	2"	16.00
61018	4'	FMFSA-4 - Aluminum Folding MFS	47½"	22½"	48"	52.00
61019	5'	FMFSA-5 - Aluminum Folding MFS	51"	25"	60"	62.00
61020	6'	FMFSA-6 - Aluminum Folding MFS	57"	29"	74"	66.00

# HANGING WALL SCAFFOLDING SYSTEMS

Guardian Fall Protection, through recent acquisitions, is the #1 leader in Hanging Wall Scaffolding for building trades world-wide. Through our innovation, design, and customer interaction, GFP offers a wide range of scaffold systems that enable contractors to work safely while erecting residential and commercial structures. These systems can be utilized for exterior and interior work.

As regulations, enforcement of those regulations, and insurance rates continue to climb, contractors are increasingly becoming more in need of working platforms that meet both production demands as well as OSHA standards. Hanging Wall Scaffolding such as the patented Stacker Bracket™ system or the WallWalker™ comply with both state and federal regulations.

These systems are ideal for cutting tails, fascia board installation, setting trusses, and stick framing. These systems are available for purchase and rental.

Log onto [www.guardianguardrails.com](http://www.guardianguardrails.com) to learn more about the variety of Hanging Wall Scaffolds.



# HANGING WALL SCAFFOLDING SYSTEMS

**1 BRACKET FRAME (61129)**



**2 END RAIL (61128)**



**3 INDOOR HANGER BRACKET**



## BRACKET FRAME (61129)

1

- 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

## END RAIL (61128)

2

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

## INDOOR HANGER BRACKET (61038)

3

- 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



Part #	Description	Length	Width	Weight
61129	SBF - Stacker Bracket Frame	38¾"	2"	18.20
61010	ESBF-32 - Extended Bracket Frame	32'	2"	21.00
61011	ESBF-32-Z - Extended Bracket Frame - Zinc	32'	2"	21.00
61128	SBER - End Rail	35¾"	16¾"	10.00
61038	IHB - Adjustable Height Hanger Bracket	95¼"	26"	40.00



# HANGING WALL SCAFFOLDING SYSTEMS



**TOP CLAMPS** 4

- Attaches to the Bracket Frame
- 4" for 2 x 4 walls, 6" for 2 x 6 walls, etc.
- Eye bolt to bring brackets flush to outside wall
- Double safety mechanism w/ a grade 5 bolt & safety pin

**TOE BOARD ATTACHMENT (61142)** 5

- Durable welded steel construction
- Powder coated safety yellow

**SNAP-ON METAL RAIL (61074)** 6

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



Part #	Size	Description	Min	Max	Weight
61146	4"	SBTC-4 - Top Clamp	3"	4¼"	3.00
61147	5"	SBTC-5 - Top Clamp	4"	5¼"	3.30
61148	6"	SBTC-6 - Top Clamp	5"	6¼"	3.60
61149	8"	SBTC-8 - Top Clamp	7"	8¼"	4.50
61143	10"	SBTC-10 - Top Clamp	9"	10¼"	5.00
61144	12"	SBTC-12 - Top Clamp	11"	12¼"	6.00
61145	16"	SBTC-16 - Top Clamp	15"	16¼"	8.00

Part #	Size	Description	Weight
61142	2"	SBTB - Toe Board Attachment	0.20
61074	10'	GR10-SO - Snap-On Metal Rail	11.00
61075	4' - 7'	MGR-4-7 - Metal Adjustable Guardrail	8.00
61076	7' - 10'	MGR-7-10 - Metal Adjustable Guardrail	11.00

# WALLWALKER™ HANGING SCAFFOLDING SYSTEMS

Part #	Description	Weight
WW03638	WallWalker™ w/ G-Rail Posts (1 pair 6' w/ 38" arm)	38.00
WW03838	WallWalker™ w/ G-Rail Posts (1 pair 8' w/ 38" 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	42" WW Stabilizer Bar (15½" wide; 2½" high)	11.00

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 sheeting 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 soffit as well. WallWalker™ is the first hanging scaffold of its kind with light-weight aluminum construction.



# WALLWALKER™ COMPONENTS

## WALLWALKER™ ALUMINUM HANGING SCAFFOLDING SYSTEM

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

## OVER-THE-WALL HANGING SCAFFOLDING SYSTEMS

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 lbs for every 8'. They can additionally be installed as a through-the-wall configuration and provide appropriate fall protection when used in accordance with instructions.

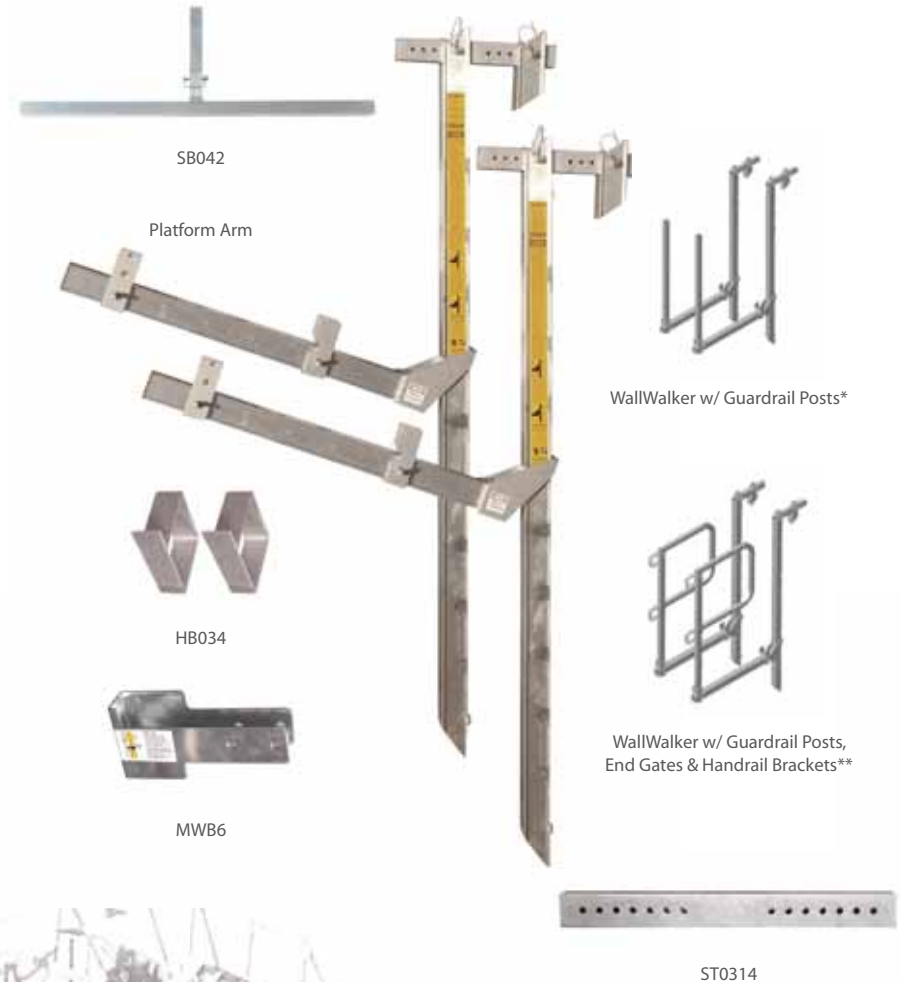
**WHEN USED IN ACCORDANCE WITH INSTRUCTIONS THIS PRODUCT MEETS OR EXCEEDS GOVERNMENT INDUSTRY STANDARDS AND ANSI RECOMMENDATIONS.**

\* Kit contains of 1 pair WallWalkers with Guardrail Posts

\*\* Optional components not included with kit:

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

Patent No. 6053280, 6886662. Other pending ©2007



# HUGS SYSTEM

# HANGING WALL SCAFFOLDING

Part #	Description	Weight
15103	Hugs System	19.00

## 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 wrappers, window, siding & soffit installers, lath, stucco, painting and cleaning crews.



# 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 lbs 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 is one of the most commonly misunderstood.

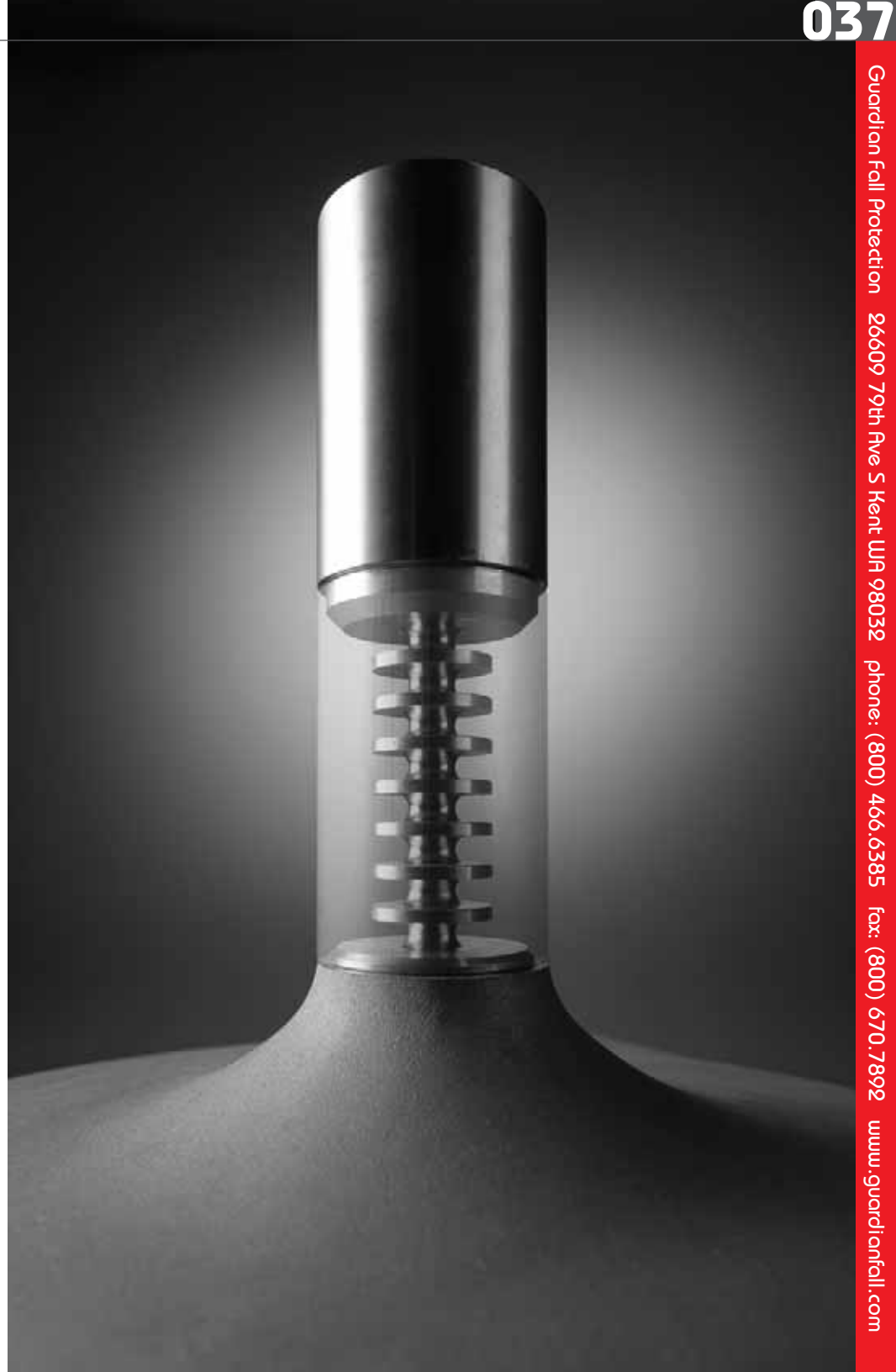
It is generally accepted that the OSHA/ANSI 5,000 pound limit is adequate in terms of tensile strength of materials to resist the impact force with which a worker under 310 pounds should not exceed at the end of a six-foot arrested free fall. This statement is based on sections 1926.502(d)(15)(i) and (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.

The Qualified Person never selects an anchor point whose strength is unsubstantiated or unverifiable with respect to all fall protection standards, federal or state. A proper anchorage point may be a site-built, independent, stand-alone structural object or a component of some current structure. It must be able to withstand not only its own dead load without failure but also all live loads, such as personnel, any environmental loads (wind, snow, ice) and applied loads such as accumulated equipment and machinery loads. It is important to note that not all anchorage points identified by a Qualified Person are deemed as "engineered".

To help mitigate difficulty in selecting the proper anchorage point, consider the structure being attached to. Not all structures are strong enough to meet the OSHA standard of 5,000 lbs. In this case, it is vital to select an anchor point that transfers lower impact forces to the substrate than a simple raw connection. Guardian's new offering of a shock load absorbing anchorage post provides users with greater options when selecting an anchorage point.



# COMMERCIAL ANCHOR POINTS



Part #	Flange Size	Flange Thickness	Flange Use	Weight
00101	3½" - 14"	up to 1¼"	top or bottom	4.00
00103	6" - 16"	up to 1¼"	top or bottom	4.00

## BEAMER™ 2000

- Designed specifically for use at your feet & overhead
- When used at foot level, HD Shock Absorbing Lanyard (01200) must be used
- Nylon bushings provide smooth movement along beam & act as an impact indicator in the event of a fall
- Weather-resistant
- 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

# COMMERCIAL ANCHOR POINTS

# ANCHOR POINTS



**BEAMER™ BMR 12-1 (00110)** 1

- Fits 4½" - 12" beam widths
- Fits up to 1" thick flange
- For use on top or bottom flange of an I or H beam
- Will accommodate a retractable when used on the bottom of an overhead beam
- Lightweight
- Slides easily in both directions

**BEAMER™ BMR 18-2 (00120)**

- Fits 8" - 18" beam widths
- Fits up to 2" thick flange
- For use on top flange only of an I or H beam
- Lightweight
- Slides easily in both directions

**BEAMER™ BMR 24-2 (00133)**

- Fits 12" - 24" beam widths
- Fits up to 2½" thick flange
- For use on top flange only of an I or H beam
- Lightweight
- Slides easily in both directions

**VERTICAL BEAMER™ (00140)** 2

- 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

**BEAMER™ BBC SERIES** 3

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

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

# ANCHOR POINTS

## DYNAFLEX ANCHOR POINT SYSTEM

Part #	Description
Custom	DynaFlex Anchor Point System

Guardian Fall Protection and XSPlatforms™ introduces one of the most versatile anchor point systems in the world. The new Premium DynaFlex 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 DynaFlex system performs exceptionally on membrane roofs where the need for minimum penetration is required. With the DynaFlex 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!

To learn more about our new revolutionary anchor point system, log on to [www.guardianfalldynaflex.com](http://www.guardianfalldynaflex.com).



### 1 TECHNOLOGY

With the DynaFlex System the energy of a fall is absorbed in the stem and minimizes the transfer of forces to the roof deck. Once loaded, the system is easily replaced by simply unscrewing.



### 2 VERSATILITY

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



### 3 CONFIDENCE

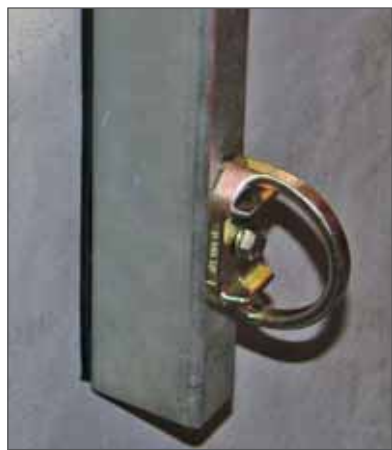
With on site engineering, technical drawings and installation instructions, the third party tested anchor point system provides installers, dealers and users with the confidence that they are putting their trust in one of the world's best anchor point systems.



# COMMERCIAL ANCHOR POINTS

# ANCHOR POINTS

**1 D-BOLT ANCHORS**



**2 CB-12 & CB-18**



**3 CB SWIVEL TOP (00680)**



**D-BOLT ANCHORS (00370 & 00373) 1**

D-Bolt Anchors are designed as the intermediary for securing a connecting device to an anchorage point.

\*00373 includes 1½" long integrated 9/16" bolt, nut & lock washer

**CB-12 & CB-18 (00645 & 00656) 2**

- Universal base plate
- Durable galvanized finish
- Fasteners provided for wood & steel
- CB-12 is for use on wood, steel or concrete
- Post extends past roofing substrate to keep attachment point high enough that it is still accessible after the roof is complete
- Round post works with most off-the-shelf flashing kits
- Great for use with retractable or horizontal lifeline systems
- CB-18 is for concrete or special application only
- Custom design and fabrication available
- Available in stainless steel
- **CB Series can be used in and as HLL system**

**CB SWIVEL TOP SYSTEM (00680) 3**

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



Part #	Description	Size	Weight
00370	Forged Anchorage Connector (does not include bolt)	½" Hole	3.50
00371	Forged Anchorage Connector (does not include bolt)	5/8" Hole	3.50
00372	Forged Anchorage Connector (does not include bolt)	¾" Hole	3.50
00373	Forged Anchorage Connector (includes bolt)	9/16" Hole	3.50
00645	CB-12 for Wood/Steel/Concrete	12" Post 16" x 16" Base	35.70
00656	CB-18 for Concrete	18" Post 12" x 12" Base	31.40
00680	CB Swivel Top System		12.40

# COMMERCIAL ANCHOR POINTS

**1 CB-1-W (00610)**



**2 CB-1-B**



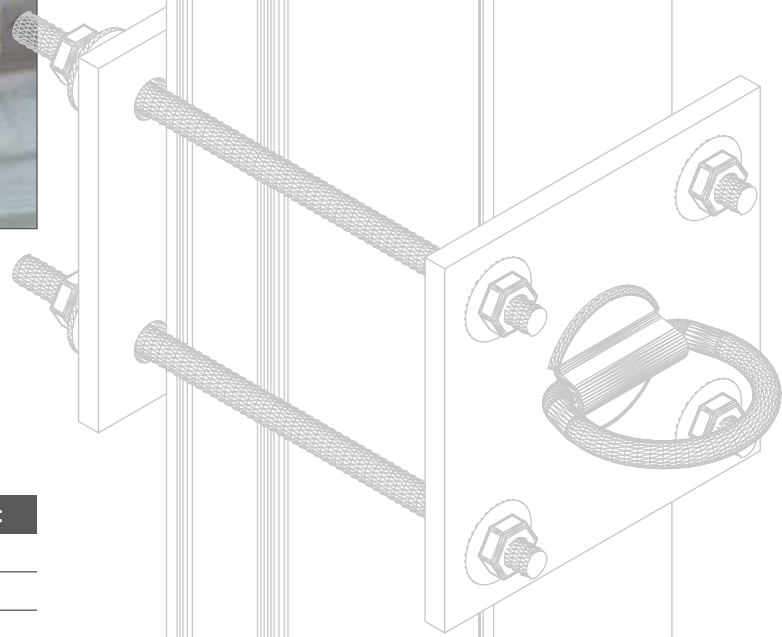
**3 ANCHOR PLATE (00360)**



- CB-1-W (00610)** **1**
- Weld on steel application
  - Temporary anchor point
  - Permanent application permissible if user applies appropriate finish
  - Forged steel D-ring

- CB-1-B** **2**
- 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 lbs
  - Fasteners not included

- D-RING 2 HOLE ANCHOR PLATE (00360)** **3**
- Bolt or weld to structure
  - Two 1/2" attachment holes
  - Stainless steel
  - Plate size 1/4" x 2" x 4 1/4"



Part #	Description	Application	Size	Weight
00610	CB-1-W	Weld-On Steel	2 1/2" Diameter	0.70
00600	CB-1-B	Bolt-On Steel/Concrete	6" x 6" Base	4.10
10685	CB-1-B	Galvanized Backer Plate	6" x 6" Base	3.60
00360	D-ring 2 Hole Anchor Plate	Bolt-On/Weld-On	1/4" x 2" x 4 1/4" Plate	3.00

# COMMERCIAL ANCHOR POINTS

# ANCHOR POINTS

## 1 RAIL MASTER™



## 2 BOLT HOLE ANCHOR (00230)



## 3 CONCRETE ANCHORS



### RAIL MASTER™ 1

- Designed for use with HD Shock Absorbing lanyards
- Lightweight & portable
- Durable, weatherproof, zinc coated
- Glides easily along most US 30-175 # crane / train rails
- Installs instantly without tools
- Patented product

### BOLT HOLE ANCHOR (00230) 2

- Reusable 5,000lbs anchor point
- Can incorporate a horizontal lifeline system
- Easy to install
- May be used with retractable lifelines
- 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

### SINGLE & DOUBLE-D CONCRETE ANCHORS 3

- Reusable 5,000 lbs concrete anchor point
- Can incorporate a horizontal lifeline system
- Easy to install
- Custom lengths available
- May be used with retractable lifelines
- One or two person tie-off point
- For use with one (1) or two (2) D-rings

### EASY INSTALLATION AND REMOVAL

- Simply slide a 1" PVC pipe through the concrete form
- Trim ends and insert anchor
- The only thing left behind is the PVC pipe
- Grout or cement hole when job is done (if required)

Part #	Description	Weight
00200	Railmaster™ w/ attached 01200, SS60 HD Lanyard	5.00
00205	Railmaster™ - No Lanyard	4.00
00210	Railmaster™ Pin Assembly Replacement	0.05
00230	Bolt Hole Anchor	1.20
10505	18" Double-D Assembly w/ 2 D-rings, 2 Wing Nuts & 4 Washers	8.00
10506	24" Double-D Assembly w/ 2 D-rings, 2 Wing Nuts & 4 Washers	9.00
10507	36" Double-D Assembly w/ 2 D-rings, 2 Wing Nuts & 4 Washers	10.00

Part #	Description	Weight
10508	9" Single D w/ 9" Rod, 1 Wing Nut, 1 Sliding D-ring & 2 Washers	5.00
10509	18" Single D w/ 18" Rod, 1 Wing Nut, 1 Sliding D-ring & 2 Washers	7.00
10510	18" Rod	5.00
10511	24" Rod	6.00
10512	36" Rod	7.00
10515	#6 Wing Nuts	4.00
10518	Sliding D-ring	3.00

# COMMERCIAL ANCHOR POINTS

Part #	Size	Description	Weight
10705	3'	White Lanyard Strap w/ D-ring	1.00
10710	3'	Loop & D-ring end	1.00
10715	4'	Loop & D-ring end	1.50
10717	6'	Concrete Anchor Strap	2.00
10720	4'	Concrete Strap w/ Loop ends	1.50

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 lbs.

For questions, please call **800.466.6385**.

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

**10710 / 10715** 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.



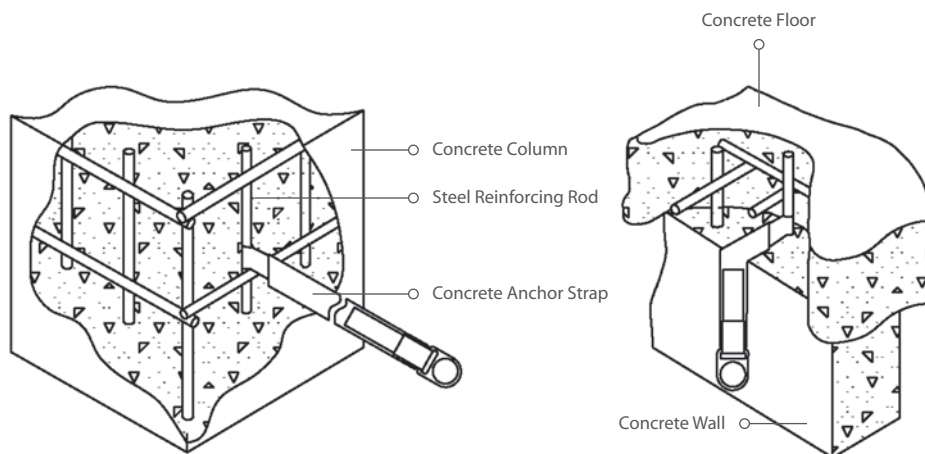
10705



10710



10720



# COMMERCIAL ANCHOR POINTS

Part #	Description	Weight
00235	Concrete Anchor	0.45
00236	10K Concrete Anchor	0.65
00365	Precast Hollow Core Concrete Anchor	0.65

## CONCRETE ANCHOR (00235)

- Designed for use in cured concrete with a compression strength of at least 3000 psi
- Installation is easy, just compress spring and insert cable shaft into hole
- Constructed of stainless steel, aluminum and other non-corrosive materials
- Great for anchoring scaffolding
- For use on vertical or overhead applications
- ¾" hole diameter, 3" deep minimum
- 5,000 lbs capacity
- Designed for single user connection
- Reusable, temporary

## 10K CONCRETE ANCHOR (00236)

- 10,000 lbs capacity for single user connection
- Reusable, temporary
- Can be used with Cable HLL System (04800)

## PRECAST HOLLOW CORE CONCRETE ANCHOR (00365)

In the past, safely tying off when working with precast concrete has been challenging, until now. The new Hollow Core Precast Concrete Anchor allows a single user to tie off safely with a reusable anchor.

- Toggle action makes it quick and easy to use
- Durable components hold up under harsh environments
- Meets 5,000 lbs load requirements
- The bolts need a 1" impact drill bit
- They can be used in 8" hollow core or larger
- They have a range of 1½" to 3½" of concrete thickness
- Made of aluminum and stainless steel components
- Tested to meet ANSI Z359.1
- Holes must be kept at least 12" from the edge or corner



00235



00236



00365



# THE ACE CONCRETE ANCHOR POINT



Part #	Description	Weight
15040	The Ace Concrete Anchor Point	3.00

The Ace Concrete Anchor is ideal for poured in place concrete. The Ace Concrete Anchor can be specked 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.

## FEATURES

- Meets or exceeds all physical ANSI/OSHA standards
- Inexpensive
- Easy to install
- Durable
- Requires 3000psi concrete
- Ideal for horizontal lifeline capability



### 1 COVER PLATE

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



### 2 ANCHOR KIT

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



### 3 VERSATILITY

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

Part of the Guardian Premium Edge Series  
**GUARDIAN**  
 FALL PROTECTION  
 PERFORMANCE SAFETY GEAR

# ANGEL ANCHOR SYSTEM

# ANCHOR POINTS

Part #	Description	Weight
00260	Angel Anchor System (1)	650.00
00380	Skyhook™ Swivel Top (2)	7.00
10925	30' Heavy Duty Leading Edge Retractable (3)	17.00
10927	50' Heavy Duty Leading Edge Retractable	21.00
10928	65' Heavy Duty Leading Edge Retractable	27.00

- Read all instructions included with this product prior to use.
- The Angel Anchor System is designed for use by persons with the combined weight (tools, clothing, etc.) of no more than 310 lbs.
- Personal Fall Arresting Systems used with this equipment must be rigged to limit a free fall of no more than 6ft. 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.

## PRODUCT FEATURES

- Easy to assemble
- Each weight has an attached handle for ease of movement / installation
- Suitable for use on multiple roof surfaces
- 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
- Attach two Angel Anchors with our Cable HHL (04800) or Rope HHL (04628) & provide fall restraint for up to two workers
- Does not include Skyhook™ Swivel Top or Leading Edge Retractables

## PRODUCT SPECIFICATIONS

- Versatile, non-penetrating, free standing unit
- Single tie-off point
- Rubber anti-skid pads on bottom of base plates
- Each plate weighs 45 lbs
- Actual unit measures 6' 7" long and 5' 2" wide
- Total unit weighs 575 lbs
- Plated, galvanized and painted options available
- SRL swivel attachment option
- For leading edge work, use the Guardian Leading Edge Retractable



# 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
00380	Skyhook™ Swivel Top		7.00

## SKYHOOK™

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

## SKYHOOK™ SWIVEL TOP (00380)

- Mounts on top of the Skyhook™
- Easy installation
- Swivels 360°
- Removable and reusable bolt-on application
- Cost effective accessory to the Skyhook™
- Great for first-worker-up system

\* Does not include Skyhook™ or retractable

16 FT.  
MAXIMUM  
SPACING





# SKYMAST SKYHOOK™ & SKYMAST

Part #	Description	Pitch	Weight
00305	SkyMast Skyhook™	Flat	14.00
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	Any Pitch	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. (1)

## SKYMAST (00271)

- Mounts on top of a roof
- Comes with 3 retractable cradles. These cradles rotate 360 degrees and are set in a position that allows the retractables to perform properly. (2)
- Accommodates most retractables up to 65'
- The mast of the system is manufactured out of schedule 80 pipe. The system is designed to take the load of 3 individuals falling at the same time when used as a personal fall arrest system. (3)
- The base plates provide further absorption to the system as they engage 3 trusses
- Fasteners included
- Powder-coat finish available
- Spanish instructions available
- Does not include retractables
- Ideal for safely loading tiles & installing tiles onto rooftops
- Steel dowel pins secure retractables and legs to the system. The dowel pins are permanently secured to the system via a tether. (4)



# TRENCH BOX ANCHOR POINT

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

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.

## FEATURES

- Fully adjustable to fit trench boxes with wall thickness of 0" to 10.2"
- Solid steel structure to withstand the harsh jobsite environments
- 3-part configuration to make transportation easy and safe
- Adjustable single point tie off for SRL's while climbing up and down ladders
- Includes guardrail receiver to add guardrail post to incorporate w/ guardrail bracket



### 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 worker around the top of the trench box.

# COMMERCIAL ANCHOR POINTS

# ANCHOR POINTS

Part #	Description	Weight
00250	Standing Seam Roof Clamp	33.50
00255	Screw Down Metal Roof Anchor	14.75
10975	Retractable Swivel Adaptor	2.00

### 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°
- Fits most retractable lifelines up to 50'
- Wood/Metal fasteners provided
- If using 50' or 65' retractable, must be used with the Retractable Swivel Adaptor (10975)



00255



### 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°

\* Retractable lifeline is not included



00250



10975

# THE NEW GAP ANCHOR

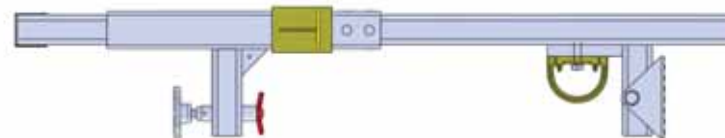


Part #	Description	Weight
15176	The GAP Anchor	14.00

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.

## FEATURES

- Made of lightweight aluminum the GAP Anchor only weighs 15lbs
- Single point tie-off
- Optional retractable cradle that swivels 360 degrees
- Only HD Edge Retractable is allowed to be used in the GAP Anchor
- Secure bracing system for added stability
- Designed for only one worker
- The GAP Anchor fits doorways and window openings from 24" to 51"



### 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.

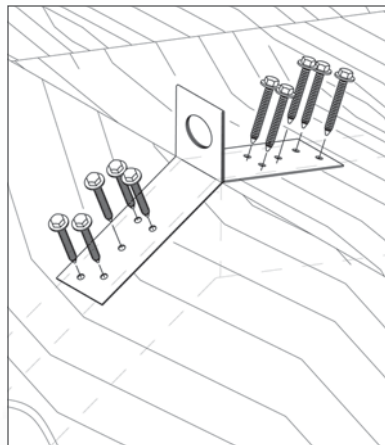
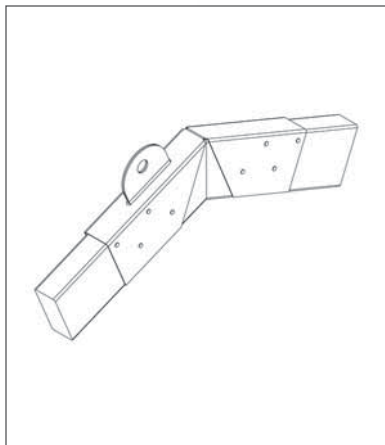


### 3 VERSATILITY

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.

# RESIDENTIAL ANCHOR POINTS

# ANCHOR POINTS



**TRUS-T ANCHOR (00410)**

1

- Permanent or disposable
- Weather-resistant
- Installs by bending over the truss and nailing into the sides
- Fasteners provided
- For use on dimensional lumber from 2" x 4" through 2" x 12"
- Meets all applicable standards for fall arrest
- Great for installation onto truss before it is raised
- Works perfect for first-man-up applications
- Stem height of Trus-T Anchor is 2"

**STAINLESS STEEL REUSABLE ANCHOR (00470)**

2

- For temporary use on wood rooftops
- Fits any roof pitch
- Meets standards for fall arrest
- Stainless steel is durable and reusable
- Easy installation
- Fasteners provided

**NEW TEMPER REUSABLE ANCHOR (00455)**

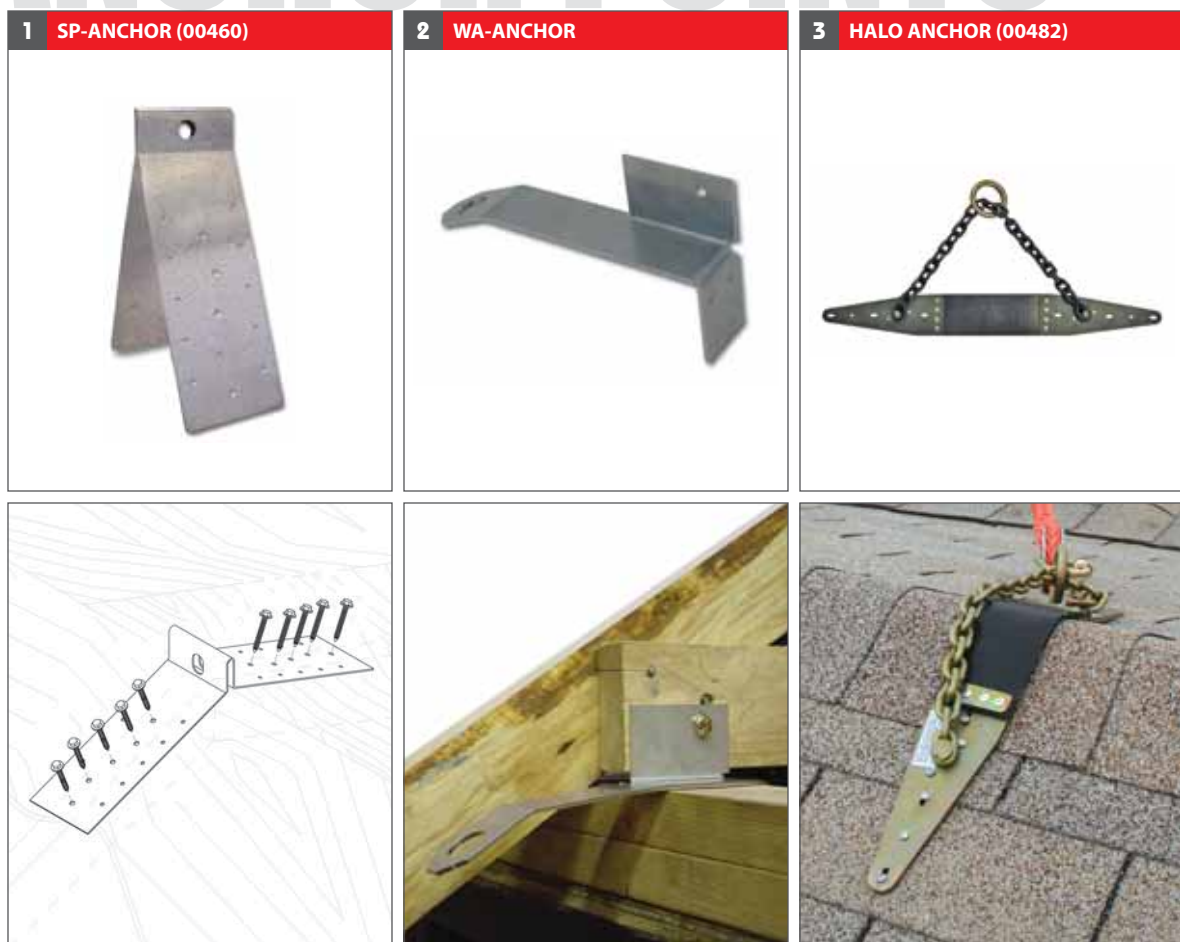
3

- Meets all standards for fall arrest
- Reusable
- Cost effective
- 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
- Sunken holes for stronger attachment to the truss
- Thicker plated metal for longer lasting life of the product



Part #	Description	Pitch	Weight
00410	2" Stainless Steel Trus-T Anchor (Qty. 10)		24.50
00455	New Temper Reusable Anchor	Any Pitch	3.50
00470	Stainless Reusable Anchor	Any Pitch	0.45

# RESIDENTIAL ANCHOR POINTS



## SP-ANCHOR (00460)

1

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

## WA-ANCHOR (00480/00481)

2

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

## HALO ANCHOR (00482)

3

- Removable and 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
- 5,000lbs. minimum breaking strength
- Anchor is supplied with all necessary fasteners
- Used as fall arrest or fall restraint

Part #	Description	Pitch	Weight
00460	SP-Anchor	Any Pitch	2.00
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 Pitch	0.80

# RESIDENTIAL ANCHOR POINTS

# ANCHOR POINTS



- GLOBAL ANCHOR (00485)** **1**
- 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
  - You can install through sheathing into the top chord, through sheathing only, or through existing roofing / sheathing
  - The anchor is supplied with all the necessary fasteners
  - Used as fall arrest or fall restraint

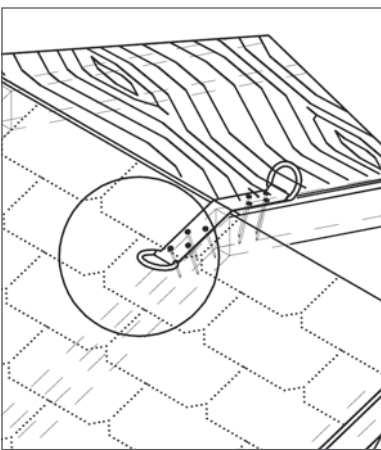
- TRUSS BOSS ANCHOR (00432)** **2**
- Comes with weather proof cap and fasteners
  - Installs in less than a minute
  - Extremely cost effective
  - Attach Truss Boss Anchor to truss while on the ground
  - Waterproof flashing for both composite and tile roof
  - Non-corrosive anchor

- T-T BOSS ANCHOR KIT** **3**
- No fasteners penetrate the top sheathing
  - Comes with environmentally safe Aluminum flashing with vulcanized EPDM
  - Cap is made of Luran-S which is highly durable unlike the competition. Our cap is designed not to blow off
  - Anchor can be put on the truss while the truss is on the ground, making it more readily accessible than other anchors on the market
  - Hassle-free flashing design making it extremely easy to install
  - Unique design absorbs energy in a fall registering impact forces below 900 lbs
  - The anchor is supplied with all the necessary fasteners
  - Used as fall arrest or fall restraint
  - Ideal for tile roofs
  - Cap comes in 3 colors: terracotta, black and grey

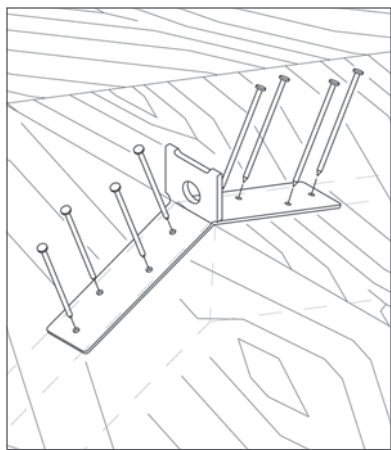
Part #	Description	Weight
00420	Truss Boss Kit	2.00
00422	Truss Boss Cap	0.50
00432	Truss Boss Anchor	1.50
00440	T-T Boss - Grey Kit	5.00
00441	T-T Boss - Terracotta Kit	5.00
00442	T-T Boss - Black Kit	5.00
00485	Global Anchor	6.00

# RESIDENTIAL ANCHOR POINTS

## 1 RIDGE-IT ANCHORS



## 2 SNAPPY DISPOSABLE ANCHOR



### RIDGE-IT ANCHORS

1

- For permanent use on wood rooftops
- Provides attachment location on each side (00510)
- Meets standards for fall arrest
- Permanent application
- Discreet design
- Stainless steel anchor
- Easy installation

### SNAPPY DISPOSABLE ANCHOR

2

- Fits any pitch
- Convenient and disposable
- Easy to install by nailing into the truss
- Fasteners provided
- Meets all applicable standards for fall arrest
- Sold in cartons of 8 or 25
- Just hammer over the attachment point when the job is done and install roofing substrate over destroyed anchor point

Part #	Description	Application	Size	Weight
00500	Ridge-It Anchor	Wood	11" 1 D-ring	0.80
00510	Ridge-It Anchor	Wood	18" 2 D-rings	1.10
00515	Ridge-It Tile Anchor	Wood	19¼" 1 D-ring	1.30
00710	Snappy Disposable Anchor	Wood	Carton of 25	25.00
00711	Snappy Disposable Anchor	Wood	Carton of 8	8.00



# RETRACTABLE LIFELINES

The days of using any old retractable to get the job done are long gone. Picking up any retractable unit out of the job box just to make sure the worker ties off could still have catastrophic consequences. Leading edge work performed by many trades exposes the worker to unsafe situations as 95% of retractables on the market are not designed for this type of application. Make sure to use what is classified as a heavy duty retractable by your manufacturer. Here at Guardian, we obviously want you to support our brand of products, but if you are using a competitor's brand over ours, be sure to use the right equipment for the job.

## TEST YOUR KNOWLEDGE

On what grade of slope on a roof will a retractable lock up and arrest a fall?

Retractable lifelines utilize inertia to activate the breaking mechanisms inside of the block. With many of Guardian's retractables, the worker must reach a speed of acceleration of 4½ ft per second for the retractable to properly work. The answer to the question depends on a variety of factors: friction on the roof between the worker and the surface, grade of slope, retractable position, weight of the worker, roof conditions (whether icy or dry), etc. "Understand your surroundings and working environment, but more importantly, investigate the limitations of the equipment you are depending upon to save your life in the event of a fall," says Ed Marquardt, President of Guardian Fall Protection.

There is a balancing act between arresting a fall safely and what is referred to as a nuisance lockup. Nuisance lockup is where the retractable prematurely locks while the worker is simply walking and performing their task. There have been instances where nuisance lockup was cited by the worker as the cause of a fall. Strict quality control is needed in the manufacturing of retractables to make sure the equipment is performing safely and efficiently.



# YELLOW JACKET CABLE RETRACTABLE



## PRODUCT FEATURES

- Compact and lightweight design
- Durable ABS reinforced housing
- High strength composite cable guide
- Stainless steel and non-corrosive internal components
- Quick-action braking system
- Manufactured in the U.S.A.
- Cost effective and priced competitively
- Meets or exceeds all OSHA and ANSI standards
- Comes with swivel top and carabiner
- Can be ordered with rebar hook
- Recertification required every 3 years
- Retractable is fully repairable

Part #	Size	Description	Weight
10950	11'	Yellow Jacket Cable Retractable	4.80
10952	11'	Yellow Jacket Cable Retractable w/ Rebar Hook	4.80
10954	11'	Heavy Duty Yellow Jacket Cable Retractable	4.80

## PRODUCT SPECIFICATIONS

Pawls:	304 stainless steel
Reel Body:	304 stainless and machined aluminum
Brake Ring:	Zinc coated steel
Anchorage Connection:	Zinc plated alloy steel carabiner (5,000 min. tensile strength)
Snap Hook:	Zinc plated alloy steel snap hook (5,000 min. tensile strength)
Housing:	High strength polycarbonate
Housing Bracket:	Precision laser cut zinc coated steel
Cable Construction:	12 strand galvanized or stainless steel
Weight:	Less than 5 lbs
Capacity:	310 lbs or 400 lbs with attached shock pack
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec



### 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.

# DAYTONA BIG BLOCK RETRACTABLE LIFELINE

Part #	Size	Description	Weight
10964	65'	Daytona Big Block Retractable Lifeline	18.00
10967	65'	Daytona Big Block Heavy Duty Retractable Lifeline	18.00
10966	50'	Daytona Big Block Retractable Lifeline	16.00
10968	50'	Daytona Big Block Heavy Duty Retractable Lifeline	16.50

## PRODUCT FEATURES

- Priced 20% less than like-in-kind units
- Easy to carry
- High strength composite cable guide
- Stainless steel and non-corrosive components
- Quick-action braking system
- Manufactured in the U.S.A.
- Proprietary ABS reinforced housing
- Meets or exceeds all OSHA and ANSI standards
- Comes with swivel top, carabiner and tag line
- Can be ordered with rebar hook
- Reflective 3M stickers for easy recognition
- Recertification required every 2 years

## PRODUCT SPECIFICATIONS

Pawls:	304 stainless steel
Reel Body:	Aircraft grade machined aluminum
Brake Ring:	Aluminum bronze
Anchorage Connection:	Zinc plated alloy steel carabineer (5,000 min. tensile strength)
Snap Hook:	Zinc plated alloy steel snap hook (5,000 min. tensile strength)
Housing:	High strength polycarbonate
Housing Bracket:	Precision laser cut zinc coated steel
Cable Construction:	12 strand galvanized or stainless steel
Weight:	Less than 22 lbs
Capacity:	310 lbs or 400 lbs with attached shock pack
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4 ½ ft/sec



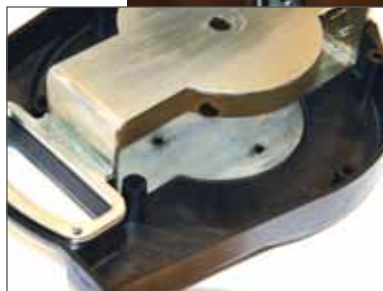
### 1 QUALITY

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 20% or more 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 proprietary ABS housing is reinforced with an inner brace which provides greater durability. Internal components are made of aluminum, treated steel, and stainless steel parts. Critical parts are machined and void of any plastic components.

# CUBE BLOCK RETRACTABLE LIFELINE



Part #	Size	Description	Weight
10976	6'	CUBE BLOCK Web Retractable	2.70
10988		CUBE BLOCK Web Retractable Holder	2.00
10990		CUBE BLOCK Retractable System w/ 2 Blocks & Holder	7.40

## CUBE WEB RETRACTABLE FEATURES

When simply one block isn't enough, turn to the new Guardian Fall Protection CUBE BLOCK retractable for 100% tie-off capabilities. The CUBE BLOCK was designed with two things in mind, durability and value.

With a simple bracket design, the new CUBE BLOCK is made with a highly durable polysynthetic material utilized by organizations making goods for the U.S. military. The system is compact, lightweight, versatile, and cost effective over the competition. The CUBE BLOCK can be used as a single unit or as a dual retractable.



### 1 DURABILITY

The simple and durable bracket design makes the addition of a second retractable easy to perform and inexpensive.



### 2 VERSATILITY

The CUBE BLOCK comes in a variety of hook configurations and the unit can be used as a stand-alone retractable.



### 3 TECHNOLOGY

Guardian incorporated a high strength polysynthetic material that is used by the U.S. Military. This technology enabled Guardian's design engineers to reduce the weight of the housing while increasing the strength of the product.

# AARDVARK RETRACTABLE LIFELINE

Part #	Size	Description	Weight
10989	16'	Galvanized Cable Retractable w/ Swivel Top / Hook & Carabineer	7.70
10984	20'	Galvanized Cable Retractable w/ Swivel Top / Hook & Carabineer	7.84
10985	25'	Galvanized Cable Retractable w/ Swivel Top / Hook & Carabineer	8.00
10987	50'	Galvanized Cable Retractable w/ Swivel Top / Hook & Carabineer	13.65

The new Aardvark Retractable was designed to provide exceptional value to the marketplace. If you are tired of the sleek and sexy fall protection products on the market that don't hold up to the harsh work environments, and you are looking for a down and dirty product that will simply get the job done, the Aardvark is your answer.

In 2008 the President of Guardian Fall Protection, Ed Marquardt, challenged the team of design engineers to develop a retractable that would hold up to the harsh jobsite environments, that is lightweight, and finally, inexpensive. Through painstaking research and development, the Aardvark was developed. With a steel framed reinforced synthetic housing, quick action spring mechanisms, and state-of-the-art materials, the Aardvark met our high standards.

## AARDVARK FEATURES

- Cost effective
- Steel framed reinforced synthetic housing
- Simple design for easy repair
- Quick spring action design to drastically reduce unwanted lockup



### 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 backup safety features 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.



# 3-WAY RESCUE RETRACTABLE LIFELINE

Part #	Size	Description	Weight
10974	50'	3-Way Rescue Retrieval Retractable Lifeline	26.00
10981	65'	3-Way Rescue Retrieval Retractable Lifeline	27.00

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.

## PRODUCT SPECIFICATIONS

Capacity:	310 lbs
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec



### 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' MK EDGE SERIES RETRACTABLES

Part #	Size	Description	Weight
10917	50'	3/16" Galvanized Cable w/ Swivel Top & Swivel Snap Hook	22.00
10937	50'	3/16" Stainless Steel Cable w/ Swivel Top & Swivel Snap Hook	22.00
10918	65'	3/16" Galvanized Cable w/ Swivel Top & Swivel Snap Hook	28.00
10938	65'	3/16" Stainless Steel Cable w/ Swivel Top & Swivel Snap Hook	28.00

## PRODUCT SPECIFICATIONS

Pawls:	Machined 304 Stainless Steel
Reel Body:	Heat treated cast aluminum
Brake Ring:	Machined Brass
Brake Body:	Machined 304 Stainless Steel
Anchorage Connection:	Zinc plated alloy steel carabineer (5,000 min. tensile strength)
Snap Hook:	Zinc plated alloy steel snap hook (5,000 min. tensile strength)
Housing:	High strength aluminum
Cable:	3/16 galvanized cable 3,600 tensile strength
Weight:	Less than 25 lbs
Capacity:	310lbs. or 400 lbs with attached shock pack
Standards:	Exceeds ANSI Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec



The MK Premium Edge Retractable is another addition to our quality line of retractables.

Lightweight, yet durable, the MK Premium Edge Retractable is inexpensive to repair, yet incorporates the finest in raw materials for longevity and extended use.

## PRODUCT FEATURES

- Corrosion-resistant stainless steel and aluminum components
- Dual braking mechanism
- Limited nuisance lock up
- Lighter than most competitive models
- Dual-swivel design
- Simple design allows for quick inspection and turn around
- Includes a steel twist-lock carabiner and tagline
- Inexpensive to repair. Recertification required every 2 years



### 1 BRAKE PAWLS

The bolts for the MK 65' retractable 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. The bolts are designed to withstand the abuse and harshness of the jobsites. Our grade 8 bolts are specially treated with a fluoropolymer coating designed to withstand up to 5,000 hours of direct saltwater exposure and still function safely.



### 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. The results of the two interacting devices during a fall create impact forces that register below the ANSI requirement of 900lbs and well below that of OSHA's 1800lbs. The brake ring is securely fastened with nylon locking nuts that avoid loosening from vibrations or other abrupt impacts.



### 3 ERGONOMIC HANDLE

The ergonomic handle is designed for comfort and provides the user with the ability to carry the retractable easily. The lexan labeling and preprinted serial number and date of manufacturing were specifically engineered to withstand abuse keeping the retractable in compliance with OSHA and ANSI's labeling requirements.

# 11' WEB RETRACTABLE LIFELINE



Part #	Size	Description	Weight
10900	11'	1" Nylon Webbing w/ Carabineer, Swivel Top & Snap Hook	9.00
10901	11'	1" Nylon Webbing w/ Carabineer, Swivel Top & Rebar Hook	11.00

## 11' WEB RETRACTABLE FEATURES

- Ergonomic frame makes handling more comfortable
- Durable aluminum housing
- Dependable performance
- Quick-action braking system
- Manufactured in the U.S.A.
- Cost effective and priced competitively
- Meets or exceeds all applicable OSHA and ANSI standards
- No recertification required, considered as disposable unit
- Can be ordered with rebar hook

## 11' WEB RETRACTABLE SPECIFICATIONS

Pawls:	Machined 304 Stainless Steel
Reel Body:	Glass reinforced nylon
Brake Ring:	Machined 304 Stainless Steel
Brake Body:	Machined 304 Stainless Steel
Anchorage Connection:	Zinc plated alloy steel carabineer (5,000 min. tensile strength)
Snap Hook:	Zinc plated alloy steel snap hook (5,000 min. tensile strength)
Housing:	High strength aluminum
Webbing – Nylon:	25/32" wide x .095" thick
Weight:	Less than 4 lbs
Capacity:	310 lbs
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec



# RETRACTABLE LIFELINES

## SYNTHETIC CABLE RETRACTABLE LIFELINE

Part #	Size	Description	Weight
10970	9'	Synthetic Cable Retractable Lifeline	11.50
10971	25'	Synthetic Cable Retractable Lifeline	16.00

### PRODUCT SPECIFICATIONS

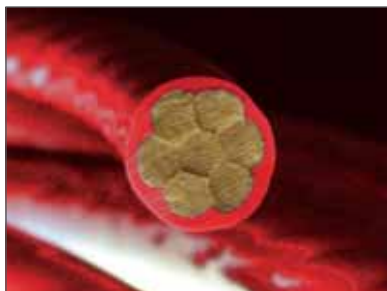
Pawls:	304 stainless steel
Reel Body:	304 stainless steel and machined aluminum
Brake Ring:	304 stainless steel
Anchorage Connection:	Zinc plated alloy steel carabineer (5,000 min. tensile strength)
Snap Hook:	Zinc plated alloy steel snap hook (5,000 min. tensile strength)
Housing:	High strength aluminum
Cable Construction:	Lightweight, high strength synthetic cable
Inner Core Material:	Technora fiber
Weave type:	12 strand low helix braid
Outer Sheath Material:	Polyamide (nylon) - red
Weight:	Less than 12 lbs
Capacity:	310 lbs or 400 lbs with attached shock pack
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec
Min Breaking Strength:	4093 lbs MBS
Avg Break Strength:	4548 lbs
Melting Temp. for Jacket:	367° F
Melting Temp. for Fiber:	Critical temp. 450° F; Chars at 900° F

### PRODUCT FEATURES

- Utilizes state of the art technology for better lifeline protection
- Durable aluminum housing
- High strength composite cable guide
- Stainless steel and non-corrosive components
- Quick-action braking system
- Manufactured in the U.S.A.
- Ideal for welding applications
- Meets or exceeds all OSHA and ANSI standards
- Comes with swivel top, carabineer and tag line
- Can be ordered with rebar hook
- Recertification required every 2 years



GUARDIAN  
FALL PROTECTION  
PERFORMANCE SAFETY GEAR



### 1 DURABILITY

The outer sheathing of the synthetic fiber is designed to better protect the inner fibers from abrasion. This feature is the only one of its kind when compared to other (Kevlar® or Technora®) rope style retractables.

### 2 HIGH TECH

The new synthetic lifeline by Guardian Fall Protection utilizes industry leading innovation from other markets and combines this technology with its retractables.

### 3 LIGHTWEIGHT

By using a synthetic material, the retractable lifeline is lighter than those that use galvanized cabling. This retractable is ideal when working directly below the device and performing welding operations.

# EDGE SERIES RETRACTABLE LIFELINES

Part #	Size	Description	Weight
10909	20'	1" Nylon Webbing w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	16.00
10910	20'	3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	18.00
10930	20'	3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	18.00
10912	25'	3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	19.00
10932	25'	3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	17.00
10915	30'	3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	21.00
10935	30'	3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook, Carabineer & Tag Line	22.00

## 20' WEB & 20'/25'/30' CABLE RETRACTABLES SPECIFICATIONS

Pawls:	304 Stainless Steel
Reel Body:	Aircraft machined aluminum
Brake Ring:	304 Stainless Steel
Brake Body:	304 Stainless Steel
Anchorage Connection:	Zinc plated alloy steel carabineer (5,000 min. tensile strength)
Snap Hook:	Zinc plated alloy steel snap hook (5,000 min. tensile strength)
Housing:	High strength aluminum
Cable:	3/16 galvanized cable 3,600 tensile strength
Webbing – Nylon:	25/32" wide x .095" thick
Weight:	Less than 12 lbs
Capacity:	310 lbs or 400 lbs with attached shock pack
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec

## 20' WEB RETRACTABLE

- Compact and lightweight design
- Durable aluminum housing
- Stainless steel and non-corrosive components extend the life of the unit
- Meets or exceeds all applicable OSHA and ANSI standards
- Quick-action braking system
- Cost effective and priced competitively
- Comes with swivel top, carabineer and tag line
- Manufactured in the U.S.A.
- Can be ordered with rebar hook
- Recertification required every 2 years



## 20'/25'/30' CABLE RETRACTABLES

- Compact and lightweight design
- Durable aluminum housing
- High strength composite cable guide
- Stainless steel and non-corrosive components extend the life of the unit
- Quick-action braking system
- Manufactured in the U.S.A.
- Cost effective and priced competitively
- Meets or exceeds all applicable OSHA and ANSI standards
- Comes with swivel top, carabineer and tag line
- Can be ordered with rebar hook
- Recertification required every 2 years

# EDGE SERIES RETRACTABLE LIFELINES

Part #	Size	Description	Weight
<b>WEB &amp; CABLE RETRACTABLES W/ PROTECTIVE BOOT COVER</b>			
10908	20'	1" Nylon Webbing w/ Swivel Top, Swivel Snap Hook, Carabineer & Boot Cover	11.00
10911	20'	3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	11.00
10913	25'	3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	12.00
10916	30'	3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	15.00
10921	20'	Heavy Duty 3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	12.00
10923	25'	Heavy Duty 3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	14.00
10926	30'	Heavy Duty 3/16" Galvanized Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	15.00
10931	20'	3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	12.00
10933	25'	3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	13.00
10936	30'	3/16" Stainless Steel Cable w/ Swivel Top, Swivel Snap Hook & Boot Cover	15.00
<b>EDGE SERIES HD RETRACTABLES</b>			
10920	20'	Heavy Duty Retractable w/ HD Shock Pack & Removable Protective Cover	12.00
10922	25'	Heavy Duty Retractable w/ HD Shock Pack & Removable Protective Cover	14.00
10925	30'	Heavy Duty Retractable w/ HD Shock Pack & Removable Protective Cover	17.00
10927	50'	Heavy Duty Retractable w/ HD Shock Pack & Removable Protective Cover	21.00
10928	65'	Heavy Duty Retractable w/ HD Shock Pack & Removable Protective Cover	27.00
00990		Shock Pack Cover can be ordered as an accessory	

## RETRACTABLE PROTECTIVE BOOT COVER

- Made of lightweight pliable neoprene
- Inexpensive protective guard to help prolong the life of your product
- Helps protect the braking mechanisms when retractables are dropped or tossed onto the ground
- Fasteners and adhesive tape helps keep the protective boot in place in harsh and abusive environments
- Protective label cover helps maintain compliance with the ANSI labeling requirements
- Fits Guardian Edge Series retractables from 20 ft to 30 ft cable or web
- Must be ordered and installed prior to shipment. Cannot be added in the field.

## EDGE SERIES HD RETRACTABLE

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 lbs 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 onto the retractable lifeline will help reduce the impact forces of the cable as it comes into contact with the leading edge. For more information, please contact your local Guardian distributor or call us at **800.466.6385**.



Retractable w/ Boot Cover



HD Retractable

# RETRACTABLE LIFELINES

Part #	Size	Description	Weight
01530	8'	1" Nylon Webbing	3.20
04350	100'	3/16" Galvanized Cable w/ Carabineer & Tag Line	39.00

## 8' WEB RETRACTABLE (01530)

- Constant light tension
- Impact indicator
- Locks automatically
- Lightweight
- Hands free cost effective alternative to standard lanyards
- No recertification required, considered a disposable unit

## 100' CABLE RETRACTABLE (04350)

- Constant light tension
- Impact indicator
- Locks automatically
- Pictures on retractable case indicate proper and improper use
- Recertification required every 2 years



01530



04350

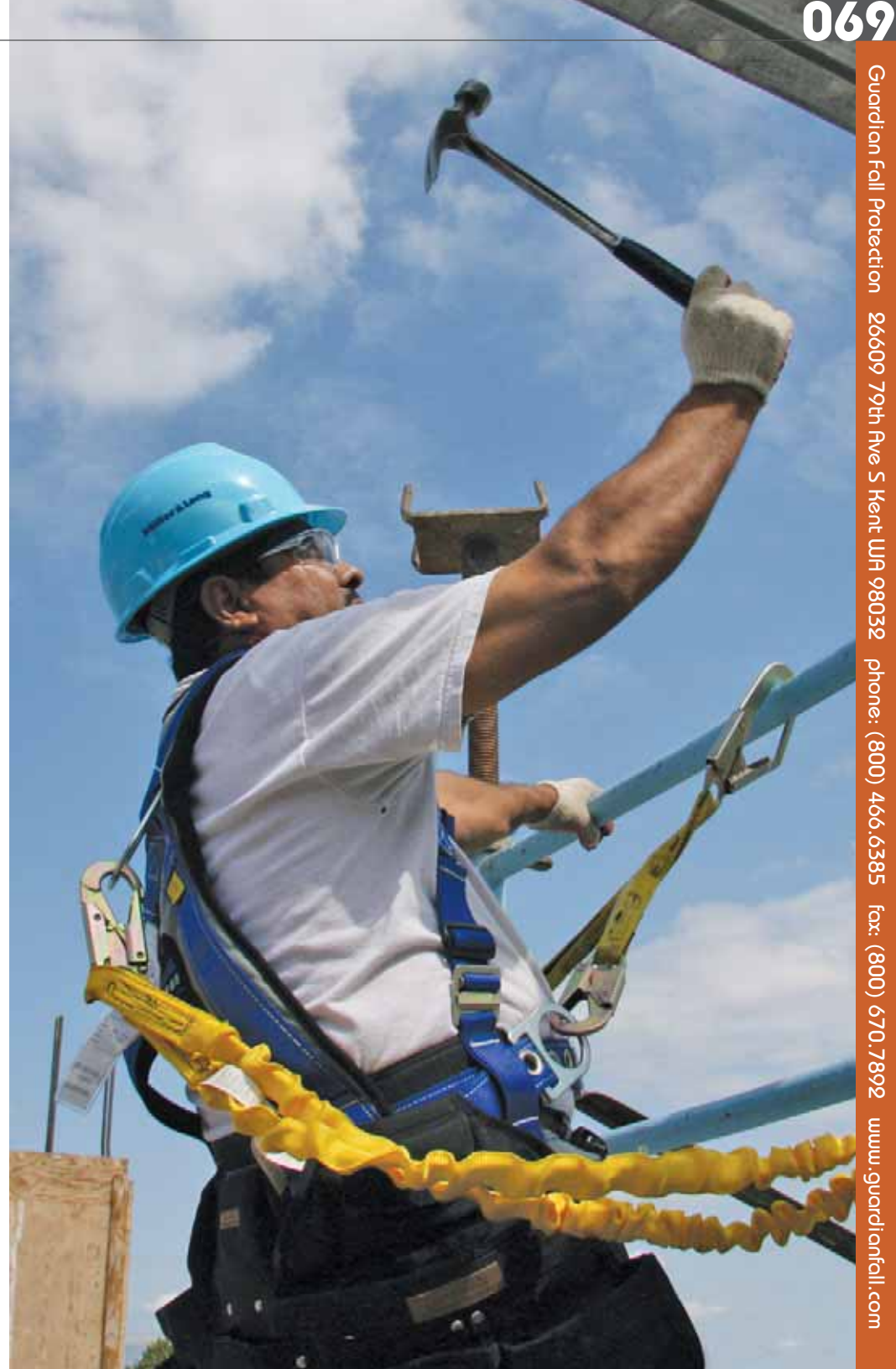


# CONNECTORS

Are all lanyards created equal? In premise, this is true. For shock absorbing lanyards, OSHA requires that in the event of a fall the forces to the body will not exceed 1800 lbs. ANSI requirements, however, are much more stringent and most fall protection companies manufacture their products to meet the ANSI standard here in the U.S.

What many people fail to understand is how the weight of the worker actually plays a role in the effectiveness of the lanyard's purpose overall. If worker A weighs 140lbs and worker B weighs 220 lbs and both workers are using the same exact harness and shock absorbing lanyard, the impact forces will vary. Worker A will be exposed to a higher impact load than worker B. Because worker A weighs less, less of the shock absorbing lanyard will deploy thus increasing the shock load to the workers body. Will the impact forces exceed OSHA requirements? Most likely, no. However, the impact forces could exceed ANSI and if your organization formally follows ANSI standards, this is something to consider.

When considering the PFAS an employer should be cognizant of the fact that because everyone's body shape, health, and bone structure is different, impact forces from a fall could have different effects on the worker. Thus, it is critical to outfit your workers with the right kind of gear, as well as establish guidelines for workers who are being considered for working at heights.



# CONNECTORS

Part #	Description	Weight
11520	4 in 1 Lanyard	3.00
21210	6' Double Leg Heavy Duty Lanyard	3.20

## ◀ 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 job to better keep employees safe and working
- Allows for connection of retractable without attaching two snap hooks to a single D-ring, which is a safety violation and against OSHA's regulations
- One leg allows for tie-off at the feet
- Another leg allows user to tie back into the lanyard using a 5K rated snap hook
- Y configuration gives you ability to tie-off 100% of the time
- 5K rated Triple-Lock Tie-Back
- D-Ring Extender
- Adjustment for greater flexibility
- 12K webbing for added strength
- Double Shock Pack HD Lanyard for use when tying off at your feet

## 6' DOUBLE LEG HEAVY DUTY LANYARD (21210)

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



# CONNECTORS

Part #	Size	Description	Weight
01620	6'	Cross Arm Strap w/ Loop end	1.40
01625	6'	Cross Arm Strap w/ Large & Small D-rings	1.70
01630	4'	Cross Arm Strap w/ Loop end	1.30
01640	3'	Cross Arm Strap w/ Loop end	1.00
10785	3'	Premium Cross Arm Strap w/ Large & Small D-rings	1.30
10786	4'	Premium Cross Arm Strap w/ Large & Small D-rings	1.40
10787	6'	Premium Cross Arm Strap w/ Large & Small D-rings	1.70
10790	10'	Premium Cross Arm Strap w/ Large & Small D-rings	1.80

3'	4'	6'	Description
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 & Snaphook ends
10430	10431	10432	Galvanized Cable w/ Snaphook ends
10440	10441	10442	Vinyl Coated Galvanized Cable w/ Thimble ends
10450	10451	10452	Vinyl Coated Galvanized Cable w/ 2½" & 3" O-ring ends
10460	10461	10462	Vinyl Coated Galvanized Cable w/ 3" O-ring & Snaphook ends
10470	10471	10472	Vinyl Coated Galvanized Cable w/ Snaphook ends

## CROSS ARM STRAPS

Cross Arm Straps are durable anchorage connectors for many applications. Features include a pass-thru loop end design for easy use. 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, this increases 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 SLINGS

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

# CONNECTORS



Cross Arm Strap



Premium Cross Arm Strap



Cable Anchorage Sling

# CONNECTORS



## REBAR POSITIONING LANYARD (01608)

- Forged Rebar Hook (1)
- Swivel (2)
- Grade 80 Chain tensile strength of 16,400 lbs (3)
- Snap Hooks Forged / Swivel (4)
- Tamper-Proof Locking Pins (5)





# CONNECTORS

Part #	Size	Description	Weight
01240	6'	Cable Lanyard w/ Snaphook ends	2.50
01242	6'	Cable Lanyard w/ Rebarhook end	3.00
01241	6'	Cable Lanyard - Double Leg	3.50
01243	6'	Cable Lanyard - Double Leg w/ Rebar Hook	4.00
01121	18"	Extension Lanyard w/ Snaphook end	1.40
01122	18"	Extension Lanyard w/ Web Loop end	0.50
01205	18"	Extension Lanyard w/ Shock Pack	2.00
01206	18"	Extension Lanyard w/ Shock Pack & Rebar Hook	3.00
01600	24"	Rebar Positioning Device - Chain Assembly	4.00
01610	22"	Rebar Positioning Device - Web Assembly	3.00
01605	24"	Rebar Positioning Device - Economy Model	4.00
01608	26"	Rebar Positioning Device - Grade 80 Chain (page 72)	4.00

## CABLE LANYARDS

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

## 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.

## REBAR POSITIONING DEVICES

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, such as the Guardian HUV-3 (01110). 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 unit is designed to comply with the latest, most stringent requirements of ANSI A10.32-2004, among which are:

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

*Although not intended for fall arrest, Guardian's positioning assemblies have been redesigned to meet or exceed the latest standards when used as fall prevention. All Chain Assemblies come with quick links for easy length adjustments.*

# CONNECTORS



# CONNECTORS

## HEAVY DUTY SHOCK ABSORBING LANYARDS

Part #	Size	Description	Weight
01200	5'	Heavy Duty Shock Absorbing Lanyard - Single Leg	4.00
01202	5'	Heavy Duty Shock Absorbing Lanyard w/ Rebar Hook	4.50
01210	5'	Heavy Duty Shock Absorbing Lanyard - Double Leg	4.80
01211	5'	Heavy Duty Lanyard w/ Rebar Hook - Double Leg	5.30
11410	5'	Single Leg w/ Monster Edge™ webbing	6.00
11411	5'	Rebar Hook w/ Monster Edge™ webbing	7.00
11415	5'	Double Leg w/ Monster Edge™ webbing	12.00
11416	5'	Double Leg w/ Rebar Hook & Monster Edge™ webbing	15.00

### 5' HEAVY DUTY LANYARDS FOR FOOT LEVEL TIE-OFF

Great for use with the **BEAMER™** (00101) or **RAIL MASTER™** (00200) and other systems where no overhead anchorage point is available and workers must tie-off at their feet. These lanyards are specially designed to withstand additional free-fall distance while maintaining maximum allowable impact forces for up to a 10-foot free-fall, per OSHA requirements. The HD Lanyard can be used as part of a 400 lbs max. worker capacity *per fall arresting system* for free falls of 5' or less.



00101



00200

### 5' HEAVY DUTY LANYARDS WITH MONSTER EDGE™ WEBBING

When you need the versatility of a lanyard capable of withstanding a 10' free fall and one that has reinforced webbing to protect it from running along the beam edge, you need the 5' HD Lanyard with Monster Edge™ webbing. This specially woven webbing has a tensile strength of over 12,000 pounds, and a double wide shock pack keeps impact forces within industry standards.



01200



01210



11410

# CONNECTORS

# CONNECTORS

Part #	Size	Description	Weight
01214	3'	Shock Absorbing Lanyard - Single Leg	2.20
01215	4'	Shock Absorbing Lanyard - Single Leg	2.20
01218	4'	Shock Absorbing Lanyard - Double Leg w/ Rebar Hooks	4.40
01220	6'	Shock Absorbing Lanyard - Single Leg	2.40
01221	6'	Shock Absorbing Lanyard w/ Rebar Hooks	2.70
01230	6'	Shock Absorbing Lanyard - Double Leg	3.20
01231	6'	Double Leg w/ Rebar Hooks	4.50
11730	6'	Double Lock Wrap Lanyard - Single Leg	2.10
11740	6'	Double Lock Wrap Lanyard - Double Leg	3.20
11830	4' - 6'	Double Lock - Shock Stop Adjustable Single Leg	1.10
11840	4' - 6'	Double Lock - Shock Stop Adjustable Double Leg	2.20
11750	6'	Triple Lock Wrap Lanyard - Single Leg	2.10
11760	6'	Triple Lock Wrap Lanyard - Double Leg	3.20
11855	4' - 6'	Triple Lock Wrap Lanyard - Adjustable Single Leg	1.10
11865	4' - 6'	Triple Lock Wrap Lanyard - Adjustable Double Leg	2.20

### SHOCK ABSORBING LANYARDS

- 1" Nylon webbing is light and durable
- Clear shock absorber pack for easy inspection
- Easy to use self double-locking Snap or Rebar hooks
- All Guardian Shock Absorbing Lanyards have a clear pack for instruction and inspection

### DOUBLE LOCK WRAP LANYARDS

- A double-locking action carabineer
- Convenient wrap style adjusts in length, providing versatility and efficiency
- Reduces possibility of roll out
- Rugged Monster Edge™ poly webbing

### TRIPLE LOCK WRAP LANYARDS

- A double-locking action carabineer
- Convenient wrap style adjusts in length, providing versatility and efficiency
- Reduces possibility of roll out
- Rugged Monster Edge™ poly webbing



01220



01230



11730

# CONNECTORS

Part #	Size	Description	Weight
01289	6'	Non-Shock Lanyard w/ Adjustable D-ring	2.00
01290	6'	Tie-back Lanyard w/ Adjustable D-ring - Single Leg	2.40
01291	6'	Tie-back Lanyard w/ Adjustable D-ring - Double Leg	3.70
11200	6'	Internal Shock Lanyard - Single Leg	2.20
11201	6'	Internal Shock Lanyard w/ Rebar Hook - Single Leg	2.20
11202	6'	Internal Shock Lanyard - Double Leg	3.40
11203	6'	Internal Shock Lanyard w/ Rebar Hook - Double Leg	4.75
01280	4' - 6'	Adjustable Non-Shock Absorbing Lanyard	2.00
01285	4' - 6'	Adjustable Shock Absorbing Lanyard	2.20

## TIE-BACK LANYARDS

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

## 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.

## ADJUSTABLE LANYARDS

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

## 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.



01291



11200



01280



01285

# CONNECTORS

Part #	Size	Description	Weight
11900	4½' - 6'	Tiger Tail Stretch Lanyard - Single Leg	2.30
11901	4½' - 6'	Tiger Tail Stretch Lanyard - Double Leg	3.90
11902	4½' - 6'	Tiger Tail Stretch Lanyard w/ Rebar Hook - Single Leg	3.00
11903	4½' - 6'	Tiger Tail Stretch Lanyard w/ Rebar Hook - Double Leg	5.00
01250	2'	Non-Shock Absorbing Lanyard	1.40
01251	3'	Non-Shock Absorbing Lanyard w/ Rebar Hook	2.10
01255	3'	Non-Shock Absorbing Lanyard	1.80
01260	4'	Non-Shock Absorbing Lanyard	2.20
01261	4'	Non-Shock Absorbing Lanyard w/ Rebar Hook	2.00
01265	6'	Non-Shock Absorbing Lanyard	2.00
01266	6'	Non-Shock Absorbing Lanyard w/ Rebar Hook	2.30
01270	6'	Double Non-Shock Absorbing Lanyard	2.70
01271	6'	Double Non-Shock Absorbing Lanyard w/ Rebar Hook	1.70
01295	4½' - 6'	Stretch Lanyard - Single Leg	2.30
01296	4½' - 6'	Stretch Lanyard - Double Leg	3.90
01297	4½' - 6'	Stretch Lanyard w/ Rebar Hook - Single Leg	3.00
01298	4½' - 6'	Stretch Lanyard w/ Rebar Hook - Double Leg	5.00

## TIGER TAIL STRETCH LANYARDS

Our Tiger Tail Stretch lanyards help reduce trip hazards by stretching from 4½' to 6'. The stretch design lessens the potential of tripping, dragging and snagging during work. This lanyard has been tested to reduce fall forces to fewer than 900lbs. The shock pack helps create one of the most consistent deployment rates of any stretch lanyard on the market.

## NON-SHOCK ABSORBING LANYARDS

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

## STRETCH LANYARDS

Our traditional Stretch lanyards help 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.

# CONNECTORS



11900



01251



01295

# CONNECTORS

Part #	Size	Description	Weight
01223	6'	Kevlar Shock Absorbing Lanyard w/ Shock Cover	1.00
01245	6'	Coated Cable Lanyard w/ Removable FR Cover	4.00
01246	6'	Double Leg Coated Cable Lanyard w/ FR Cover	6.00
01275	6'	Heavy Duty Tie-Back Lanyard	6.00

## KEVLAR LANYARD W/ 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 FR protective cover for shock pack

## VINYL COATED CABLE LANYARD W/ REMOVABLE FLAME RESISTANT COVER

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

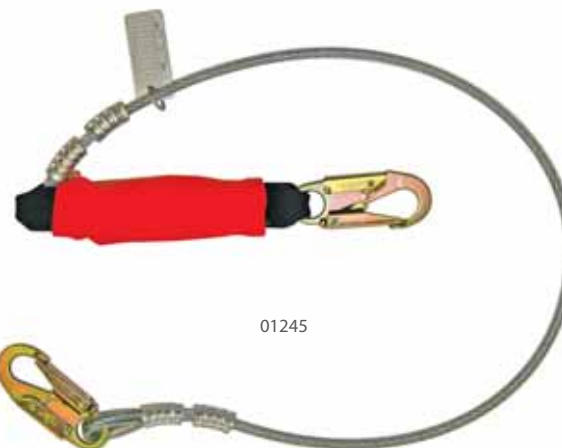
## HEAVY DUTY TIE-BACK LANYARD

This versatile lanyard is ideal when combined with the use of a retractable. In addition, this lanyard can be used in a tie-back configuration. As with any fall protection equipment, read the instructions and receive proper training prior to use.

- 12,000 pound tensile strength Monster Edge™ webbing
- Large forged D-ring for attachment of snaphook
- 5K rated snaphook for safe tie-back option, well above the ANSI requirement of 3,600lbs.



01223



01245



01275

# ENGINEERED LIFELINE SYSTEMS

Risks when working at height are still underestimated. According to figures from the United States Department of Labor, Occupational Safety and Health Administration and the European Commission of Employment and Social Affairs, Department of Health and Safety at Work, fatal falls are still an everyday risk for workers carrying out their jobs, with a minimum of 1200 fatal falls annually. Fatal falls account for more than 15% of the work related fatal accidents. Accidents often happen when the risks seem to be minimal, when they aren't. There are more accidents involving people falling from a height of 3 to 5 meters than a height of 20 to 50 meters. The reason is strange and yet simple: our feelings of safety. When workers feel safe or not directly unsafe, they see little or no danger of falling and are less observant.

Choosing a fall arrest system depends on three main points:

- Regulations
- Practical use
- Pricing

## REGULATIONS

The legislation is designed to protect the worker at risk. As always, the starting point is minimizing or avoiding the possibilities of falling in the first place. If risks can't be avoided, one should do a thorough risk assessment and use the required equipment to perform the job in a safe manner.

## PRACTICAL USE

Everyday use is something entirely different than simply meeting the regulations. Easy usage is a safety issue not to underestimate. Why is that? A fall arrest system needs to work without a hassle. If not, the temptation to not use the system at all greatly increases. Guardian Fall Protection, with the XSPlatforms system, designs their fall arrest systems with two main goals: establishing a safeguard while working at heights and ensuring ease during everyday use.

## ECONOMICALLY

Pricing of our new XTS product range is very competitive. There are almost no maintenance costs and the system is easy to replace when activated. Most of the time the base plate remains completely intact, further limiting the cost of usage.

To learn more about our revolutionary horizontal lifeline systems, log onto [www.guardianesg.com](http://www.guardianesg.com). This website will allow you to download product information, installation instructions, drawings, images and much more.



# XSPATFORMS™ ENGINEERED LIFELINE SYSTEMS

XSPatforms™ and Guardian Fall Protection are excited to introduce a new and dynamic partnership in fall protection. Through the Engineering Services Group of Guardian Fall Protection, cost effective permanent lifeline solutions are available throughout the United States and Canada.

Combining Guardian's engineering and installation services with the high quality products of XSPatforms™, clients are provided with a professional and cost effective solution unlike anything else offered in today's fall protection market.



## 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 an 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 DynaFlex 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.



# XSPATFORMS™ ENGINEERED LIFELINE SYSTEMS

The Guardian XTS-Linked system is comprised of different components that form a horizontal lifeline system. The main components for an XTS-Linked system are the XTS-Impact anchoring points and the XTS-Slider to move along the system freely.

The lifeline allows horizontal movement when working at heights. The lifeline line can be fixed to almost every surface construction. It is installed as a safeguard in places where working at heights implies risks. Risks are minimized, and the ability to work at the required height is not compromised.



## 1 EFFICIENT

The Guardian 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 TERMINAL SLIDER

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



## 3 EASY TO INSTALL

The means of securing the anchor makes the HLL system the easiest system to install. 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.



# HORIZONTAL LIFELINES

## TURNKEY SOLUTIONS FOR PERMANENT LIFELINE APPLICATIONS

Guardian Fall Protection services include:

- Fall protection risk assessment
- Fall protection system design
- System engineering
- Fall arrest component fabrication
- Safety equipment installation
- Fall arrest component testing
- Fall protection training programs
- Fall protection equipment recertification program

### STEP 1

#### ASSESSMENT

Guardian will walk with you and review your facility and identify fall hazards. We will then put together a written report to include pictures of the areas in question and recommend solutions to abate the hazard.

### STEP 2

#### DESIGN

The design variables Guardian will consider include:

- The available support structure
- The work area
- Obstructions
- Worker mobility requirements

We can design a fall protection solution tailored to a specific application and environment.

### STEP 3

#### ENGINEERING

Once the basic fall protection solution is determined, our team of engineers establishes critical technical specifications to assure system integrity and cost compliance. This process determines end-load conditions, support requirements, deflection, ultimate loads and similar engineering details.

### STEP 4

#### QUOTE

Guardian will provide you a cost effective solution along with all the support information so that the best decision can be made.

### STEP 5

#### FABRICATION AND INSTALLATION

One of the key reasons our systems are cost effective is because our systems are typically a turnkey-type solution. When the need arises, we can fabricate custom components to support our turnkey products. Once the job has been approved, we will move our experienced field team into action. The construction crew prepares the job prior to moving on-site and our team will adhere strictly to the fall arrest system-engineered drawings and specifications. This assures a completed project that delivers 100% of its intended performance.

### STEP 6

#### TESTING

After installation of the fall protection system is complete, the testing phase begins. **All** of the fall arrest components are visually inspected and load tests are performed in accordance with our strict testing procedures.

### STEP 7

#### TRAINING

Once the system has been tested and is ready for use, our expert training team will consult with your employees and make sure that they understand how to safely use the engineered fall protection system.

### STEP 8

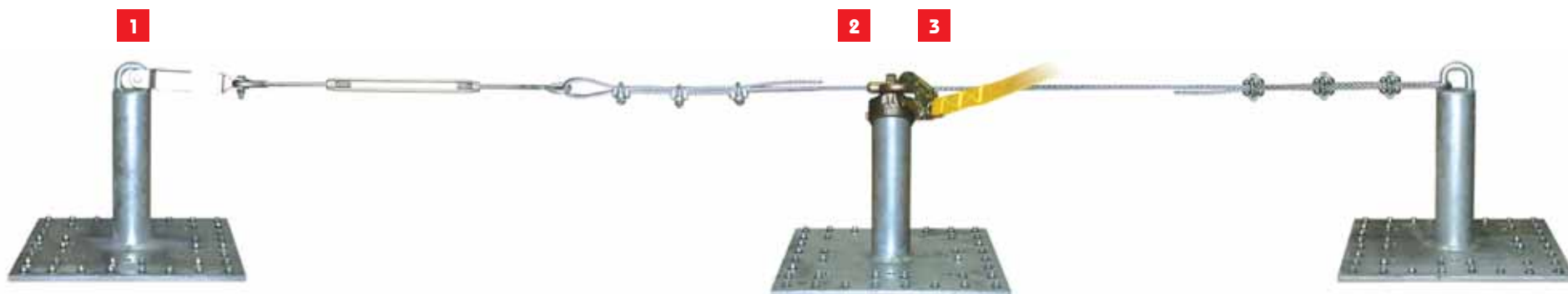
#### RE-CERTIFICATION AND TRAINING

Our turnkey solution provides a system that is certified to meet or exceed all safety performance specifications. This is your assurance that the installed system will fully meet applicable engineering and performance standards. On an annual basis, Guardian offers a re-certification and repair program. The annual inspection of your fall arrest system and components guarantees the fall protection equipment for another year. This system inspection is important to maintain the integrity of the performance standards in any environment.

# CB PASS-THRU SYSTEM

# HORIZONTAL LIFELINES

Part #	Type	Description	Weight
00670	Horizontal Lifeline Attachment System	2 Shock Absorbers, 2 Turnbuckles, 6 Clamps	10.70
00661	CB Slider D-ring	Permanently Attached Sliding D-ring	0.90
00660	CB Pass-Thru Top	Bolt-On	1.90
00648	CB-12	Attached Pass-Thru Top	37.50
00658	CB-18	Attached Pass-Thru Top	31.40



## HIGHLIGHTS

The CB Series Pass-Thru System allows a roofer or maintenance worker to continuously travel leading edge areas without reattaching at intermediate anchor points. It has been designed for application to new CB Series installations as well as retrofitted to existing CB installations.

- Bolt-On Pass-Thru top option for CB-12 & CB-18 modification
- Permanent or temporary application
- Removable horizontal lifeline attachment
- Provides attachment for up to four (4) workers in fall restraint
- Provides attachment for one (1) worker in fall arrest
- Will allow up to 120' span
- Pass-Thru top allows for cable lifeline or direct attachment



### 1 CB-12 & CB-18

- Universal base plate
- Durable galvanized finish
- For use on wood, steel or concrete
- Available in stainless steel
- 12" Post: 16" x 16" Base
- 18" Post: 12" x 12" Base



### 2 PASS-THRU TOP

Pass-Thru top allows for cable lifeline or direct attachment.



### 3 ATTACHED SLIDER

Permanently attached slider passes easily and hands-free through the Pass-Thru top. One worker may attach to each slider.

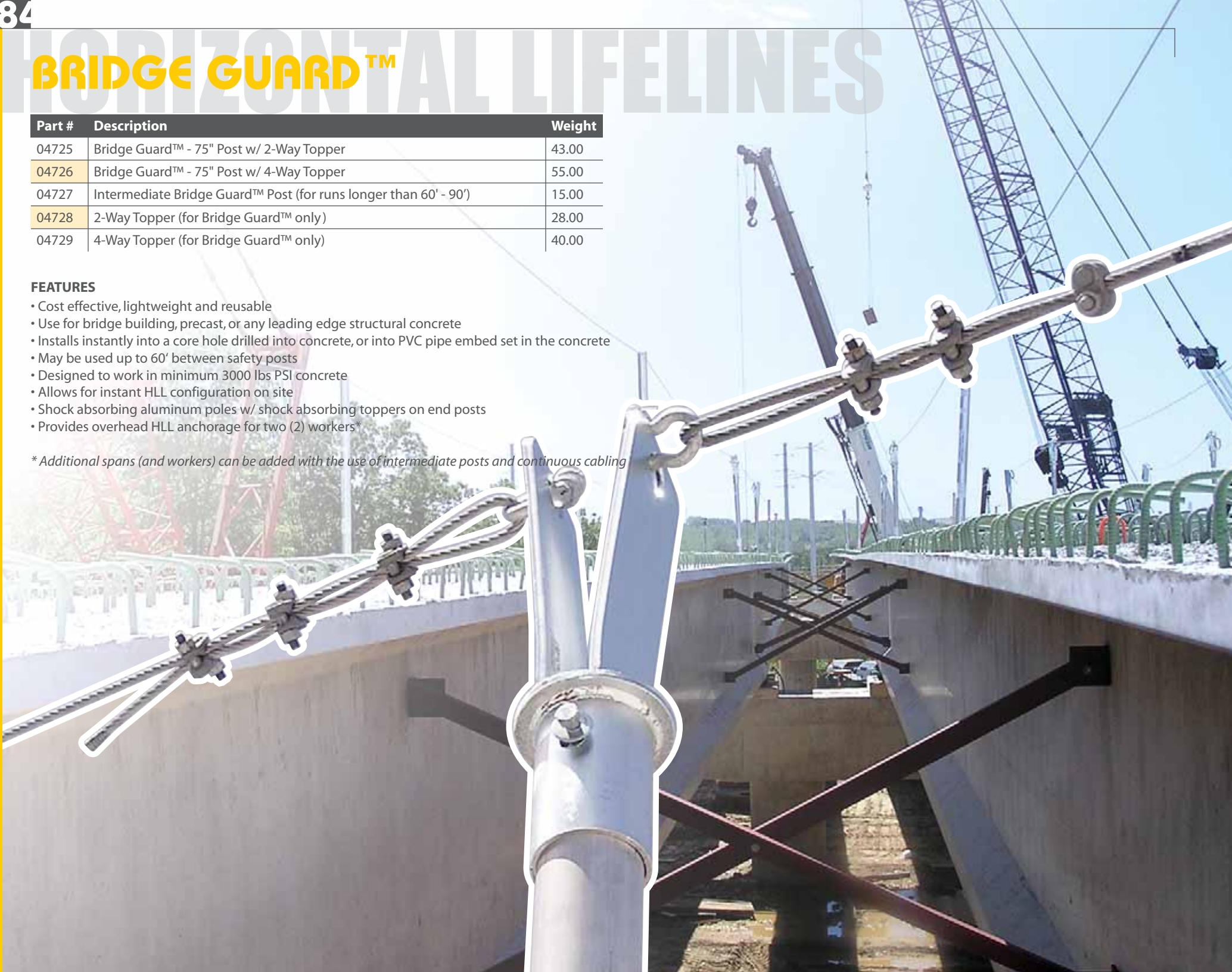
# BRIDGE GUARD™

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 60' - 90')	15.00
04728	2-Way Topper (for Bridge Guard™ only)	28.00
04729	4-Way Topper (for Bridge Guard™ only)	40.00

## FEATURES

- Cost effective, lightweight and 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 be used up to 60' between safety posts
- Designed to work in minimum 3000 lbs PSI concrete
- Allows for instant HLL configuration on site
- Shock absorbing aluminum poles w/ 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™

# HORIZONTAL LIFELINES

Part #	Description	Rod	Base	Flange Hook	Flange Thickness	Flange Width	Weight
04700	Standard	18"	Stnd	Standard	up to 1 1/4"	4" - 13 3/4"	47.00
04701	Intermediate	24"	Stnd	Intermediate	up to 2 1/8"	4" - 19 3/4"	47.00
04702	Large	36"	Large	Large	up to 3 3/8"	4" - 31 3/4"	50.00

## FEATURES

- Mounts to any beam or girder with top flange over 4" and up to 3 3/8" thick
- Use anchor as personal post or in conjunction with an HLL
- 42" post sits at an angle to allow free movement
- 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



### 1 QUICK

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



### 2 EASY

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

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

# HORIZONTAL ROPE LIFELINE SYSTEM

Part #	Size	Description	Weight
04625	30'	Polyester HLL w/ Tensioner & 2 O-rings, 2 Web Slings, 2 Carabineers & SOS-Bag	14.00
04628	60'	Polyester HLL w/ Tensioner & 2 O-rings, 2 Web Slings, 2 Carabineers & SOS-Bag	16.00
04630	100'	Polyester HLL w/ Tensioner & 2 O-rings, 2 Web Slings, 2 Carabineers & SOS-Bag	19.25
04638	30'	Kernmantle HLL w/ Tensioner & 2 O-rings, 2 Web Slings, 2 Carabineers & SOS-Bag	14.00
04639	60'	Kernmantle HLL w/ Tensioner & 2 O-rings, 2 Web Slings, 2 Carabineers & SOS-Bag	16.00
04640	100'	Kernmantle HLL w/ Tensioner & 2 O-rings, 2 Web Slings, 2 Carabineers & SOS-Bag	19.25

## FEATURES

- Includes a carrying / storage bag (SOS-Bag) (1)
- 2 O-rings
- Includes two Anchorage Web Slings (2)
- Rope Tensioner
- 2 Self-Locking Carabineers (01813-S) (3)
- Polyester or Kernmantle Rope
- 2 person system for fall arrest
- Temporary reusable system
- Comes in **black** only



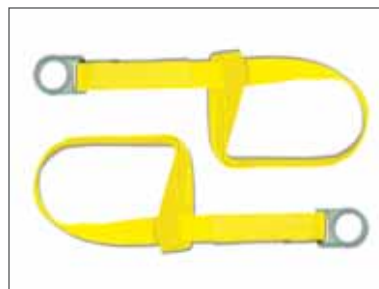
Kernmantle Rope HLL

Polyester Rope HLL



### 1 SOS-BAG

- Perfect for storage and daily transport
- Durable and convenient
- Keeps equipment clean & organized
- Protects equipment against UV rays
- **ADD YOUR LOGO TO ANY BAG!!**



### 2 WEB SLINGS

Cross Arm Straps are durable anchorage connectors for many applications. Features include a pass-thru loop end design for easy use. Cross Arm Straps are convenient end points for use with horizontal lifeline systems.



### 3 LOCKING CARABINEERS

- Easy to use - one hand operation
- Attach lanyards or HLL to anchorages
- Offer maximum strength to 5,000lbs

# HORIZONTAL CABLE LIFELINE SYSTEM

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

## FEATURES

- Maintains and controls desired tension
  - Permits adjustments substantially reducing the forces on the anchorages in case of a fall
  - 440 lbs combined maximum worker weight
  - 2 person system for fall arrest
  - 3/8" diameter cable
  - 2 anchorage web slings
  - Web tensioner
  - 100' of cable
  - Impact attenuator
  - 3 Cable clamps
- Retractable sold separately



# ROPE & CABLE SYSTEMS

## BLUE POLY STEEL ROPE

Blue 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% to 15% weaker than dry ropes. While the strength does return when nylon rope dries out, the Blue Poly Steel will hold up better overall in these types of environments as they do not absorb water. Blue Poly Steel is particularly strong when it comes to ultraviolet light damage. The synthetic makeup of Blue Poly Steel gives the rope excellent abrasion resistant characteristics resulting in a longer life. The Guardian exclusive Blue Poly Steel is 10X 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.



Added to all lifeline assemblies is our removable nylon Shock Pack Cover (00990) for longer life of the system.



Add our twist-free Snap Hook (01825) to any rope assembly for longer life of the rope.

## CABLE SYSTEM

- 3/8" aircraft cable
- 14,400 pound tensile strength
- Cut to order



01330

## WHITE 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.



11321



11329



# ROPE & CABLE SYSTEMS

# HORIZONTAL LIFELINES

Part #	Size	Description	Weight
<b>BLUE POLY STEEL ROPE</b>			
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 Lifeline Assembly w/ Swivel Snap Hook, Shock Pack, Positioning Device & 18" Lanyard Extension	6.13
11320	50'	No Tangle Lifeline Assembly w/ Swivel Snap Hook, Shock Pack, Positioning Device & 18" Lanyard Extension	8.23
01330	25'	Standard 5/8" Rope w/ Snaphook end	2.90
01340	50'	Standard 5/8" Rope w/ Snaphook end	5.00
01350	75'	Standard 5/8" Rope w/ Snaphook end	7.00
01360	100'	Standard 5/8" Rope w/ Snaphook end	9.00
01365	150'	Standard 5/8" Rope w/ Snaphook end	11.00
01345	200'	Standard 5/8" Rope w/ Snaphook end	13.00
<b>CABLE SYSTEM</b>			
01400	3/8"	Cut To Order Wire Rope - Tensile Strength 14,400 (order by ft.)	0.32
01410	3/8"	Drop Forged Clamp For Wire Rope	0.50
<b>WHITE POLYDAC™ ROPE</b>			
11321	25'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	3.90
11322	30'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	4.00
11323	50'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	5.00
11324	75'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	7.00
11325	100'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	9.00
11326	130'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	11.00
11327	150'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	13.00
11328	200'	Vertical Lifeline Assembly w/ 3 Strand Polydac™ Rope, Shock Pack, Positioning Device & 18" Lanyard Extension	17.00
11329	25'	Polydac™ Rope w/ Snaphook end	3.50
11330	30'	Polydac™ Rope w/ Snaphook end	4.00
11331	50'	Polydac™ Rope w/ Snaphook end	5.00
11332	75'	Polydac™ Rope w/ Snaphook end	7.00
11333	100'	Polydac™ Rope w/ Snaphook end	9.00
11334	150'	Polydac™ Rope w/ Snaphook end	13.00
11335	200'	Polydac™ Rope w/ Snaphook end	17.00

# HYDRAJAWS



Portable tension tester for establishing the holding of anchors and fixings in most construction materials.

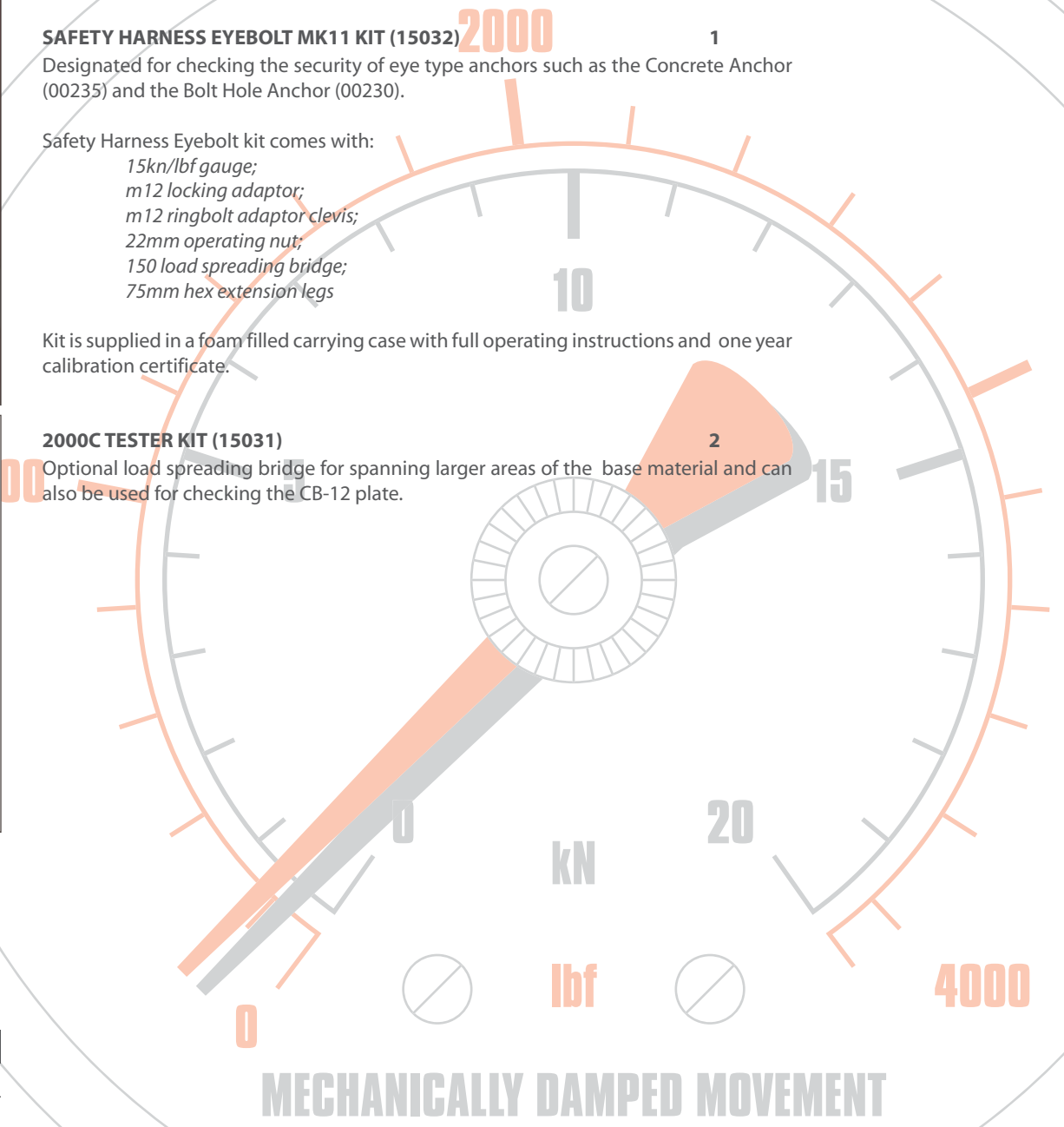
**SAFETY HARNESS EYEBOLT MK11 KIT (15032)**  
 Designated for checking the security of eye type anchors such as the Concrete Anchor (00235) and the Bolt Hole Anchor (00230).

- Safety Harness Eyebolt kit comes with:
- 15kn/lbf gauge;
  - m12 locking adaptor;
  - m12 ringbolt adaptor clevis;
  - 22mm operating nut;
  - 150 load spreading bridge;
  - 75mm hex extension legs

Kit is supplied in a foam filled carrying case with full operating instructions and one year calibration certificate.

**2000C TESTER KIT (15031)**  
 Optional load spreading bridge for spanning larger areas of the base material and can also be used for checking the CB-12 plate.

Part #	Description	Weight
15031	2000C Tester Kit	17.90
15032	Safety Harness Eyebolt Kit	15.70



# HARNESSES

## DO ALL HARNESSES FIT THE SAME?

The answer to that question is no. When eliminating the hazard, 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. 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

- Learn about the types of fall hazards on your job.
- 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.
- You can use a harness with a variety of fall protection devices such as an anchorage, lanyard, retractable lifeline, vertical lifeline, horizontal lifeline, 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.
- 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.
- Make sure to have your company's competent person review the fit of your harness prior to use.



# PREMIUM EDGE SERIES HARNESES



In 2007, the Edge Harness received a Gold International Design Excellence Award and recognized by *Business Week* magazine. In conjunction with a design team who has worked with Nike®, Microsoft®, Leupold & Steven®, Guardian set out to design the safest and most versatile harness on the market.

The padded shoulder, leg and back are made of a closed cell foam with mesh lining that allows the material to breathe and trap sweat. (1)

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. (2)

This adjustment area allows 4" of chest strap adjustment. All Edge Series harnesses feature a "Quick-Connect" friction torso buckle with a release tab. (3)

Positioning D-rings are backed with heavy duty cordura and a wear pad to increase durability. (4)

Our innovative tool belt features a slide-on strap that can be completely removed in a fall situation to relieve some of the weight. Slide your own bags onto this lightweight application, or use your regular tool bag over this application. (5)

Special web keepers and sewing process keeps our webbing secure to the harness. (6)

A back pad comfortably keeps the harness in a vest shape while still allowing for dorsal D-ring adjustment. Back pad includes an inside pocket that houses a cool-heat or hydration pack.

## BASIC HUV PREMIUM EDGE HARNESES

- 5 points of adjustment
- Reflective trim
- Side stretch points
- Chest equipment slots
- Quick adjust torso buckles
- Chest lanyard keepers
- Web keepers
- Back pad
- Buckle configurations
- FreeStyle custom design

## CONSTRUCTION PREMIUM EDGE HARNESES

- Contains the same features as Basic HUV plus...
- Slide on tool belt included on Quick-Connect version
- Closed Cell Foam padded waist belt
- Side positioning D-rings
- Optional Back Brace

# HOW TO BUILD A HARNESS

# EDGE HARNESSES

**STEP 1 PICK A HARNESS AND BUCKLE STYLE AND USE THE PART # AS YOUR CORE # AND YOUR TOTAL PRICE ESTIMATE**

Part #	Chest	Legs	Waist	Weight
<b>BASIC HUV BUCKLE OPTIONS</b>				
1810##	Pass-Thru Buckle	Pass-Thru Buckles		8.00
1811##	Pass-Thru Buckle	Tongue Buckles		9.00
1812##	Pass-Thru Buckle	Quick-Connect Buckles		9.00
1813##	Quick-Connect Buckle	Quick-Connect Buckles		7.00
<b>BASIC HUV W/ SIDE D-RINGS</b>				
1820##	Pass-Thru Buckle	Pass-Thru Buckles		8.00
1821##	Pass-Thru Buckle	Tongue Buckles		7.00
1822##	Pass-Thru Buckle	Quick-Connect Buckles		8.00
1823##	Quick-Connect Buckle	Quick-Connect Buckles		7.00
<b>CONSTRUCTION BUCKLE OPTIONS</b>				
1930##	Pass-Thru	Tongue Buckles	Tongue Buckle	8.00
1931##	Quick-Connect Buckle	Tongue Buckles	Tongue Buckle	8.00
1932##	Quick-Connect Buckle	Quick-Connect Buckles	Tongue Buckle	9.00
1933##	Quick-Connect Buckle	Quick-Connect Buckles	Quick-Connect Buckle	7.00

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 the custom orders can take up to 3 weeks depending on quantity.*



**QUICK-CONNECT**  
Push release buckles are rated at 5,000 lbs. The unique design requires both tabs to be compressed to release the male end. This feature protects against accidental release.



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



**TONGUE**  
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.

**STEP 2 PICK A COLOR COMBINATION AND ADD THE ONE DIGIT PART # TO THE END OF YOUR CORE #**



**STEP 3 PICK A SIZE AND ADD THE ONE DIGIT # TO THE END OF THE SIX DIGIT # TO COMPLETE THE SIX DIGIT PART #**

Size	Part #
S	0
M - XL	1
XXL	2

**181052** ▶



# EDGE SERIES HARNESS FEATURES



## 1 IMPACT INDICATOR

This feature tells the user if the equipment has been loaded in a fall situation. 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 BACK PAD

Back pad comfortably keeps the harness in a vest shape while still allowing for dorsal D-ring adjustment. It includes an inside pocket that houses a cool, heat or hydration pack.



## 4 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 (see the next page for details).



## 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 inspection.



## 6 SLOTS

These 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. Call for details!



## 7 CHEST STRAP

This adjustment area allows 4 inches of chest strap adjustment. All Edge Series harnesses feature a "Quick Adjust" friction torso buckle with a release tab.



## 8 WEB KEEPERS

Special web keepers and sewing process keeps 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

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



## 11 TOOL BELT SLIDE

Our innovative tool belt features a slide on strap that can be completely removed in a fall situation to relieve some of the weight. Slide your own bags onto this light-weight application, or use your regular tool bag over this application.



## 12 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.

# EDGE SERIES HARNESS 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.

Keep cool with a Steele® body cooling comfort system. These 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 systems are completely different from ordinary screw-top systems. It's designed with a roll-top to solve all the performance, cleaning and storage problems found in other company's hydration packs. The Hydrapak® 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.

- Holds 50oz
- Turn your reservoir inside-out to clean and dry
- Bacteria doesn't have a chance to grow
- FDA approved polyurethane that can be stretched up to 8 times its original size
- Velcro roll top for easy access and a secure seal



10830



# ERGO EDGE HARNESS



Dr. Michael Sinel

## 1 ADJUSTABILITY

The BaxMax is permanently attached to the Ergo Edge Harness. The Velcro closure easily adjusts so that the worker immediately feels the support of the revolutionary back support system.

## 2 PATENTED SUPPORT

The patented mechanical advantage pulley system creates a custom fit for every worker. Instantly feel the added support and stability of a system designed by a leading expert of back pain, Dr. Michael Sinel.

In virtually every industry, back pain remains one of the most prevalent problems among workers. In fact, lower back pain accounts for roughly 19% of all Workers Compensation claims in the United States.

In partnership with the inventor of The BaxMax, Dr. Michael Sinel, an Assistant Clinical Professor at the UCLA Department of Medicine, Guardian Fall Protection has designed one of the most advanced ergonomically beneficial harnesses on the market. The BaxMax stabilizes the lumbar spine to improve posture and alignment, support the lower back and abdomen, reduce spinal stress, and alleviate low back pain. Utilizing the patented mechanical advantage pulley system, the BaxMax provides a powerful, dynamic approach to abdominal compression and the Ergo Edge combines that technology with a quality fall arrest harness.

To learn more about The BaxMax and the technology behind the system, log onto <http://baxmaxsupport.com>.

*Back Brace for Edge Construction Harness can be ordered separately as an accessory.*



Part #	Size	Description	Weight
00750	M	Back Brace for Edge Construction Harness Only - Harness Sold Separately	0.38
00751	L	Back Brace for Edge Construction Harness Only - Harness Sold Separately	0.40
00752	XL	Back Brace for Edge Construction Harness Only - Harness Sold Separately	0.42



# EDGE CONSTRUCTION TOWER HARNESS

Part #	Size	Chest	Waist	Legs	Weight
293070	S	Pass-Thru Buckle	Tongue Buckle	Tongue Buckle	9.00
293071	M - XL	Pass-Thru Buckle	Tongue Buckle	Tongue Buckle	10.00
293072	XXL	Pass-Thru Buckle	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	XXL	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	XXL	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	XXL	Quick Connect	Quick Connect	Quick Connect	11.00

This harness is designed for the professionals whose work involves a lot of climbing, work positioning and suspension. Our new Tower Edge Harness is built off of the award winning design and combines comfort, flexibility, safety, and overall durability. The Tower Edge Harness utilizes a vest style design that makes the harness easy to put on, as well as comfortable to wear. The tower harness includes a body belt for positioning and a highly durable and comfortable saddle which utilizes dual durometer padding and our G-Tech fabric.

## FEATURES

- Black Vest w/ Black Webbing
- Utilizes platform of award winning harness design
- Integrated hydration/cool pouch for those long climbs
- Ultra padding throughout the design
- Available in a variety of color combinations and configurations
- One of the most comfortable saddles available on the market today
- Compatible with any OSHA/ANSI compliant PFAS on the market



# MONSTER™ & FLAME RETARDANT EDGE HARNESSSES

Part #	Size	Description	Weight
<b>MONSTER™ EDGE HARNESS W/ SIDE D-RINGS</b>			
193190	M - L	Monster™ Edge Harness w/ side D-rings	7.00
193191	XL	Monster™ Edge Harness w/ side D-rings	8.00
193192	XXL	Monster™ Edge Harness w/ side D-rings	9.00
<b>FR EDGE HARNESS</b>			
181080	S	FR Edge Harness PT/PT	4.00
181081	M - XL	FR Edge Harness PT/PT	5.00
181082	XXL	FR Edge Harness PT/PT	7.00
182080	S	FR Edge Harness PT/PT w/ side D-rings	4.00
182081	M - XL	FR Edge Harness PT/PT w/ side D-rings	5.00
182082	XXL	FR Edge Harness PT/PT w/ side D-rings	7.00
02001	S	Replacement FR Panel - pair	1.00
02002	M - XL	Replacement FR Panel - pair	2.00
02003	XXL	Replacement FR Panel - pair	2.00

## MONSTER™ EDGE HARNESS W/ SIDE D-RINGS

Another new addition to our Edge family of harnesses is the specially designed, highly rugged and durable Monster™ Edge Harness. This harness includes all the standard features of our popular Edge Harnesses 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 hydration and cooling pack to keep worker cool and hydrated
- Sure-Grip rollers for ease of adjustments
- Ultra comfortable padding
- Construction version includes a new tapered belt for a more comfortable fit

## FR EDGE HARNESS

Guardian is excited to introduce the new Flame Retardant Edge Harness with a replaceable outer shell. Designed for 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
- Die-electric dorsal D-ring
- Powder-coated buckles
- Pouch in the back for hydration and cooling pack



# EQUALIZER HARNESSSES

Guardian introduces the Equalizer Series of harnesses. Similar to the Edge Series Harness, the Equalizer is an ergonomically styled harness to fit the body with a custom like fit. The newest addition to our line offers the worker a quality economical harness versus the competition. Guardian makes comfort, style and safety affordable to the everyday contractor.

## BASIC EQUALIZER HARNESS

- Harness utilizes a special material that keeps the worker more comfortable
- Multiple webbing keepers to secure excess webbing away from work zone
- Five points of adjustment with anti-slip chest strap
- Excessive padding for great comfort
- No tangle design for easy donning and inspection
- Available in a variety of configurations
- Costs 15% less than other comparable models

## CONSTRUCTION EQUALIZER HARNESS

- Large comfortable back pad designed to support worker's weight
- Harness utilizes a special material that keeps the worker more comfortable
- Multiple webbing keepers to secure excess webbing away from work zone
- Five points of adjustment with anti-slip chest strap
- Excessive padding for great comfort
- No tangle design for easy donning and inspection
- Available in a variety of configurations
- Costs 15% less than other comparable models



Construction



Basic

### STEP 1 PICK A HARNESS AND BUCKLE STYLE

Part #	Chest	Legs	Weight
<b>EQUALIZER BUCKLE OPTIONS</b>			
1610##	Pass-Thru Buckle	Pass-Thru Buckles	3.25
1611##	Pass-Thru Buckle	Tongue Buckles	3.75
1612##	Pass-Thru Buckle	Quick-Connect Buckles	4.50
1613##	Quick-Connect Buckle	Pass-Thru Buckles	3.75
1614##	Quick-Connect Buckle	Tongue Buckles	4.00
1615##	Quick-Connect Buckle	Quick-Connect Buckles	4.50
<b>CONSTRUCTION EQUALIZER BUCKLE OPTIONS</b>			
1710##	Pass-Thru Buckle	Pass-Thru Buckles	6.70
1711##	Pass-Thru Buckle	Tongue Buckles	6.70
1712##	Pass-Thru Buckle	Quick-Connect Buckles	6.90
1713##	Quick-Connect Buckle	Pass-Thru Buckles	6.70
1714##	Quick-Connect Buckle	Tongue Buckles	6.70
1715##	Quick-Connect Buckle	Quick-Connect Buckles	6.90

### STEP 2 PICK YOUR D-RINGS

D-rings	Part #
1	1
3	3

### STEP 3 PICK A SIZE

Size	Part #
S - M	0
L - XL	1
XXL	2

1612 3 2

# HUV HARNESSSES

Part #	Size	Description	Weight
<b>UNIVERSAL HARNESS</b>			
01101	S - L	Pass-Thru	2.50
01105	XL - XXL	Pass-Thru	3.00
01110	S - L	Pass-Thru w/ side D-rings	3.70
01150	S - L	Tongue Buckle Leg Straps	3.15
01155	XL - XXL	Tongue Buckle Leg Straps	2.80
01160	S - L	Tongue Buckle Leg Straps w/ side D-rings	3.10
01165	XL - XXL	Tongue Buckle Leg Straps w/ side D-rings	3.55
<b>CONSTRUCTION HARNESS</b>			
01170	M - L	Construction Harness	4.20
01175	XL	Construction Harness	4.25
01169	S	Construction Harness w/ side D-rings	4.85
01171	M - L	Construction Harness w/ side D-rings	4.95
01172	XL	Construction Harness w/ side D-rings	4.95
<b>HUV REFLECTIVE HARNESS</b>			
21140	S - L	HUV Reflective Harness	3.10
21145	S - L	Seraph HUV Reflective Harness	3.50
21146	S - L	Seraph HUV-TB Reflective Web Harness	3.75
21147	S - L	Seraph HUV-TB Reflective Web w/ side D-rings	3.90
<b>HUV KEVLAR HARNESS</b>			
00900	M - L	HUV Kevlar Harness	6.00
00905	XL	HUV Kevlar Harness	6.50
00920	M - L	HUV-3 Kevlar Harness	7.50



01150



01110



# HUV HARNESSSES

# HUV HARNESSSES



01170



01171

### UNIVERSAL HARNESS

Universal Harness is our "best in the market economy harness". The 5-point HUV has an anti-slip back placard for a more comfortable and longer lasting product. The harness comes with an impact load indicator that identifies a product that has been involved in a fall. The back D-ring is our "Super Sized" D-ring which is compatible for safe connection to any manufacturer's ANSI compliant fall protection system. The safety strap in the back of the harness is an added safety feature that keeps the user from potentially falling out of the harness.

### CONSTRUCTION HARNESS

- Shoulder pads
- Six points of adjustment
- Cradle seat
- Optional side positioning D-rings
- Padded waist belt
- Lanyard keepers
- Impact indicator
- Tongue-buckle leg straps
- No-loose-end shoulder strap design
- Notched pass-thru chest buckle fastens without twisting
- Tool belt fits most tool pouches

### HUV REFLECTIVE HARNESS

Guardian now offers a 100% reflective harness that is ideal for railroad workers. This harness has the same features as our Seraph HUV:

- Five points of adjustment
- Stretchability in the shoulders and back
- Cradle seat
- Quick adjust torso buckles
- Two lanyard keepers
- Impact indicator and inspection log tag
- Optional tongue buckle leg straps
- Optional side D-rings

### HUV KEVLAR HARNESS

- Lightweight welding harness
- Features blue flame-retardant Nomex webbing
- Comes with a Die-electric dorsal D-ring
- Kevlar stitching for added strength and durability
- Impact indicator



HUV Reflective



HUV Kevlar

# SERAPH HARNESS FEATURES



## 1 IMPACT INDICATOR

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



## 2 INSPECTION LOG TAG

Keep track of OSHA mandated inspections by using the monthly log on our durable inspection tag. The material is ideal for writing on with a permanent marker.



## 3 ADJUSTABLE DORSAL D-RING

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



## 4 ADJUSTABLE CHEST STRAP

It is important to properly size the equipment in the chest so the strap does not rise underneath the chin in a fall. Chest strap stays in place once it is adjusted to fit.



## 5 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.



## 6 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.



## 7 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.



## 8 FRICTION 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.



## 9 TOOL KEEPER

Use this durable plastic coated tool keeper to store a hammer or clip a carabiner. It's located on the hip of the Seraph Construction Series harnesses for easy tool access.



## 10 SIDE POSITIONING D-RINGS

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



## 11 PADDED WAIST BELT

The weight of tools puts great pressure on the lower back. A sturdy cordura covered foam padding is placed between the tools and the back to distribute weight and increase comfort.



## 12 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.

# SERAPH HARNESSSES

# SERAPH HARNESSSES

Part #	Size	Description	Weight
<b>SERAPH UNIVERSAL HARNESS</b>			
11160	M - L	Seraph Universal Harness	3.10
11162	XL	Seraph Universal Harness	3.75
11161	M - L	Seraph Side D-rings	3.20
11163	XL	Seraph Side D-rings	3.80
11164	M - L	Seraph Tongue Buckle Leg Straps	3.50
11166	XL	Seraph Tongue Buckle Leg Straps	4.15
11165	M - L	Seraph Tongue Buckle Leg Straps w/ side D-rings	3.55
11167	XL	Seraph Tongue Buckle Leg Straps w/ side D-rings	4.33
<b>SERAPH CONSTRUCTION HARNESS</b>			
11170	M - L	Seraph Construction Harness	4.80
11172	XL	Seraph Construction Harness	5.75
11173	M - L	Seraph Construction Harness w/ side D-rings	5.00
11171	XL	Seraph Construction Harness w/ side D-rings	5.60

### SERAPH UNIVERSAL HARNESS

- Shoulder pads
- Five points of adjustment
- Stretch ability in the shoulders and back
- Cradle seat
- Quick adjust torso buckles
- Two lanyard keepers
- Impact indicator and inspection log tag
- Optional side positioning D-rings

### SERAPH CONSTRUCTION HARNESS

- D-ring lanyard keepers double as retrieval hoists
- Six points of adjustment
- Impact indicator and inspection log tag
- Stretch ability in the shoulder straps
- Shoulder pads
- Quick adjust torso buckles
- Optional side positioning D-rings
- Padded waist belt
- Hammer loops
- Tongue Buckle leg straps
- Cradle seat



Seraph Universal  
(11160)



Seraph Construction  
(11170)



# HARNESSES

## FRONT LOOP CROSS-OVER & LINEMAN HARNESSES

Part #	Size	Description	Weight
<b>FRONT LOOP CROSS-OVER HARNESS</b>			
01191	S - M	Front Loop Cross-Over Harness	4.00
01192	L	Front Loop Cross-Over Harness	4.50
01193	XL	Front Loop Cross-Over Harness	5.00
<b>LINEMAN HARNESS</b>			
01140	M - L	Lineman Harness	6.00
01145	XL	Lineman Harness	6.50

### FRONT LOOP CROSS-OVER HARNESS

- Front loop for rescue or work positioning
- Includes a dorsal D-ring
- Sized for added comfort
- Easy to put on
- "X" design keeps the straps on the shoulders while working
- Impact indicator
- Perfect for use with the Cable Ladder system (page 118)

### LINEMAN HARNESS

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





# TUX™ HARNESSES

# TUX HARNESSSES

## HI-VIZ ZIP ON/OFF LONG SLEEVES TUX™ HARNESS

Size	GREEN	ORANGE	Description	Weight
S	13200	13300	Hi-Viz Zip On/Off Long Sleeves Tux™	6.00
M	13210	13310	Hi-Viz Zip On/Off Long Sleeves Tux™	6.00
L	13220	13320	Hi-Viz Zip On/Off Long Sleeves Tux™	7.00
XL	13230	13330	Hi-Viz Zip On/Off Long Sleeves Tux™	7.50
XXL	13240	13340	Hi-Viz Zip On/Off Long Sleeves Tux™	8.00

## JACKET TUX™ & SPORT TUX™ HARNESSSES

Size	JACKET TUX™	SPORT TUX™	Description	Weight
M	13010	13610	Tux™ Harness	5.00
L	13020	13620	Tux™ Harness	6.00
XL	13030	13630	Tux™ Harness	6.50

### HI-VIZ ZIP ON/OFF LONG SLEEVES TUX™ HARNESS

Our popular Hi-Visibility Tux™ Harness now comes with zip on and off sleeves. This gives the oncoming traffic great visibility to the worker.

- Class II Hi-Visibility material
- Polyester material is coated to resist fading from UV Rays
- Meets standards for ANSI/ISEA 107-2004 for roadside work
- Now comes in lime green

### JACKET TUX™ & SPORT TUX™ HARNESSSES

- Incorporates tux design by combining a harness within a vest
- Sleeves can be easily removed
- Outer shell is designed to protect you from the rain and wind
- Comes with pockets for functionality
- Accessory flaps are designed to prevent rain from getting inside the jacket
- Harness legs tuck away when not being used
- Ideal for individuals who do not work in a harness all day
- Sport Tux™ features three-layer soft shell comfort technology
- Sport Tux™ comes in four-way stretch fabric that promotes greater flexibility
- Available in black only



Hi-Viz Tux™



Jacket Tux™



Sport Tux™

# CONSTRUCTION TUX™ VEST HARNESSSES

## MESH TUX™ & DUCK TUX™ HARNESSSES

- Harness is built into the vest to create a no-tangle body wear system
- Leg straps zip into the back of the harness for storage
- Dorsal and Side positioning D-rings are standard
- Impact indicator
- Durable zipper
- Notched pass-thru chest and leg buckles fasten without twisting
- Comfortable and breathable mesh, or durable cotton duck material
- Blue Duck Tuxes can have a mesh or fleece lining
- Washable materials
- Available with shoulder D-rings for rescue and retrieval
- All construction Tux models are made with reflective strips down the front for visibility
- Available with custom embroidered or screened logos
- Available with our butterfly chest D-ring attachment

## HI-VISIBILITY TUX™ HARNESS

- Class 2 Hi Visibility material
- Polyester material is specially coated 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

## FLEX TUX™ HARNESS

- 2 lightweight flexible action panels provide increased mobility across the back
- Internal harness stretches with worker's movement
- Velcro pocket for cell phone
- Does not include side positioning D-rings
- Durable cotton duck material

## FLOTATION TUX™ HARNESS

- Class 2 Hi Visibility material
- Polyester material is specially coated 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 CO<sup>2</sup> cartridge

## SURVEYORS TUX™ HARNESS

- Meets standards for class 2 Hi Visibility material
- Polyester material is specially coated 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.

## FIRE RETARDANT TUX™ HARNESS

- Material is 100% cotton flame resistant Banox FR3
- Meets standards for OSHA regulation 29, ASTM 1506, NFPA 70E&701
- Webbing is a Nomex Kevlar blend
- Dielectric D-ring & powder-coated buckles
- Does not include side positioning D-rings

Mesh Tux™



Duck Tux™



Hi-Vis Tux™



Flex Tux™



Flotation Tux™



Surveyors Tux™



FR Tux™



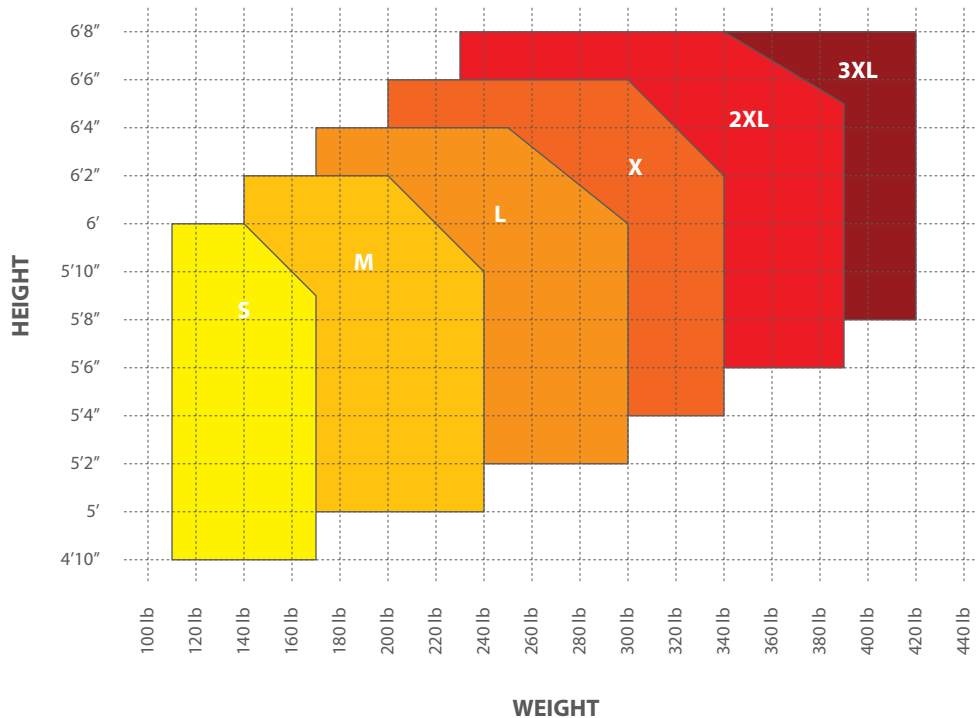
Fleece Zip-In Liner



# CONSTRUCTION TUX™ VEST HARNESSSES

MESH TUX™ HARNESS					
Size	ORANGE	GREEN	BLACK	RED	Weight
S	02100	02200	02600	02700	3.00
M	02110	02210	02610	02710	3.50
L	02120	02220	02620	02720	3.60
XL	02130	02230	02630	02730	4.00
XXL	02140	02240	02640	02740	4.30

DUCK TUX™ HARNESS					
Size	BLUE	BROWN	BLACK	CAMO	Weight
S	02305	02205	02405	Not Available	3.80
M	02315	02215	02415	03010	3.90
L	02325	02225	02425	03020	4.00
XL	02335	02235	02435	03030	4.40
XXL	02345	02245	02445	03040	4.80



OTHER TUX™ HARNESSSES AND LINERS			
Part #	Size	Description	Weight
02105	S	HI-VIS Construction Tux	3.80
02115	M	HI-VIS Construction Tux	3.90
02125	L	HI-VIS Construction Tux	4.00
02135	XL	HI-VIS Construction Tux	4.40
02145	XXL	HI-VIS Construction Tux	4.80
12305	S	Blue Duck Flex Construction Tux	2.75
12315	M	Blue Duck Flex Construction Tux	2.85
12325	L	Blue Duck Flex Construction Tux	2.85
12335	XL	Blue Duck Flex Construction Tux	2.95
12345	XXL	Blue Duck Flex Construction Tux	2.95
02810	M	Flotation Tux	6.00
02820	L	Flotation Tux	6.00
02830	XL	Flotation Tux	6.00
02705	S	Surveyor's Construction Tux	3.80
02715	M	Surveyor's Construction Tux	3.90
02725	L	Surveyor's Construction Tux	4.00
02735	XL	Surveyor's Construction Tux	4.40
02745	XXL	Surveyor's Construction Tux	4.80
02500	S	Fire Retardant Construction Tux	3.10
02510	M	Fire Retardant Construction Tux	3.50
02520	L	Fire Retardant Construction Tux	3.80
02530	XL	Fire Retardant Construction Tux	4.20
02540	XXL	Fire Retardant Construction Tux	4.50
02010	M	Sleeveless Fleece Zip-In Liner	0.90
02020	L	Sleeveless Fleece Zip-In Liner	0.90
02030	XL	Sleeveless Fleece Zip-In Liner	0.90
02040	XXL	Sleeveless Fleece Zip-In Liner	0.90
02015	M	Long Sleeves Fleece Zip-In Liner	1.50
02025	L	Long Sleeves Fleece Zip-In Liner	1.70
02035	XL	Long Sleeves Fleece Zip-In Liner	1.80
02045	XXL	Long Sleeves Fleece Zip-In Liner	1.50

# HARNESSES INSTRUCTIONS



1



2



3



4



5

## 1 GETTING STARTED

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

## 2 SHOULDER STRAPS

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.

## 3 LEG STRAPS

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.

## 4 CHEST STRAP

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

## 5 ADJUST HARNESS

### 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 shoulder strap.

### Back D-ring

Center between shoulder blades. Slide D-ring and pad up and down along the webbing to position.

# CONFINED SPACE

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.

According to Occupational Safety and Health Administration a permit-required confined space (permit space) has the three characteristics listed above (which define a confined space) and one or more of the following:

1. Contains or has the potential to contain a hazardous atmosphere
2. Contains a material that has the potential for engulfing the entrant
3. Has an internal configuration that might cause an entrant to be trapped or asphyxiated by inwardly converging walls or by a floor that slopes downward and tapers to a smaller cross section
4. Contains any other recognized serious safety or health hazards

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.



# ECON-O-POD RESCUE & RETRIEVAL SYSTEM



Part #	Description	Weight
15029	Econ-O-Pod Rescue & Retrieval Kit	38.00
10974	50' 3-Way Rescue Retrieval Retractable	26.00
10981	65' 3-Way Rescue Retrieval Retractable	27.00

Our new Econ-O-Pod Confined Space Rescue and Retrieval System is ideal for those looking for a good value. The Econ-O-Pod Confined Space System can come with a variety of options. The system provides a safe and dependable anchorage for controlled ascent and descent, as well as protection from falls.

## FEATURES

- For access in confined spaces
- Fully adjustable aluminum telescopic legs up to 7 ½ ft
- Two auxiliary eye bolts and mounted pulleys as attachment points
- Rated working load is 350 lbs for work support and 310 lbs for fall arrest
- Unit can withstand up to 5,000 lbs of vertical pull
- Aluminum alloy cast head
- Complete with safety strap to prevent movement of legs
- Meets or exceeds the strength requirements for 5,000 lbs
- Meets or exceeds ANSI Z359.1, ANSI A10.14 and OSHA requirements

Kit comes with:

- Bag*
- Bracket*
- Pulley*
- Webbing straps*

*3-Way Rescue Retrieval Retractable is sold separately.*



# ARC-O-POD RESCUE & RETRIEVAL SYSTEM

# 111 CONFINED SPACE

Part #	Description	Weight
15030	Arc-O-Pod Rescue & Retrieval Kit	65.00
10974	50' 3-Way Rescue Retrieval Retractable	26.00
10981	65' 3-Way Rescue Retrieval Retractable	27.00

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 our free 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 nonslipping 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 rout 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 mechanical device for ease of use.

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

Meets or exceeds the strength requirements for anchorage's (5,000 lbs), ANSI Z359.1, ANSI A10.14 and OSHA requirements. Our new Arc-O-Pod is designed to provide a premium tripod for those needing

Kit comes with:

- Bag
- Bracket
- Pulley
- Chains

*3-Way Rescue Retrieval Retractable is sold separately.*



# 12 CONFINED SPACE RETRIEVAL SYSTEMS

## DAVIT-ARM RETRIEVAL SYSTEM

This assembly can be mounted with many styles of bases, some of which can swivel 360°. The mast consists of an aluminum offset tube, cast aluminum elbow section, and aluminum center post with winch mounting brackets. Cast aluminum elbow units are reversible and provide cost effective, versatile means of achieving multiple offset reaches.

All davits are man-rated to 350 lbs and offer a universal bracket for attachment of alternate lifting systems and / or 900 lbs MAF fall arrest devices. Assembly provides locations for up to two winch mounting plates. One winch mounting plate of the user's choice is provided with the assembly. *Winch sold separately.*

Available with an assortment of mounts that can be used on a floor, wall, cat-walk, truckbed or a variety of other locations. Mounts can be bolted or welded, and floor mounts allow the mast to pivot 360°.

- 2 adjustable three-piece base options: 36" to 56" or 46" to 66"
- 3 adjustable offset reach elbow options: 18" / 24"; 30" / 36" or 42" / 48"
- 2 winch mounting brackets

## VEHICLE HITCH MOUNT

This vehicle hitch mount connects with 2" square vehicle receivers and is available with many accessories to adapt the hitch mount to your needs. Stabilizer bar is offered in standard aluminum or steel. It is designed for the 18" to 24" offset masts only. Sleeve comes with ABS liner and PVC slip plate. *Winch sold separately.*

- Vehicle hitch mount sleeve
- Multi-adjustable bumper receiver
- 18" to 24" cast davit assembly
- One winch mount bracket

## MAN-RATED WINCH

This winch is designed to attach to a person that is entering or exiting from a confined space. It is built with an internal braking system to prevent "free-wheeling" of the winch. Cable extension should occur only when handle is turned counter-clockwise and a force of at least 10 lbs is applied to the line.

- Man-rated to 350 lbs
- Continuous braking drive to prevent free wheeling
- Level wind springs to prevent loosening of cable lays
- Mounting means provided for quick attachment
- Slip clutch drive prevents back winding of cable drum
- Double action locking swivel snap hook included

## TRANSFORMER TOWER

- Lightweight portable anchorage system for use on top of transformers
- 360° swivel tie off for attachment of up to 3 personal fall arrest systems
- Pins easily into multiple weld-on or bolt-on mounting bases

Part #	Description	Weight
16000	Assembly - Portable Base, Post, Elbow, Mast & Winch Mount	143.00
16001	Assembly - Post, Elbow, Mast & Winch Mount	43.00
16002	30" - 36" Extended Offset Mast (Arm only)	10.00
16003	Floor Mount Davit Sleeve Plated Steel	24.00
16004	Floor Mount Davit Sleeve Stainless Steel	24.00
16005	Wall Mount Davit Sleeve Plated Steel	22.00
16006	Wall Mount Davit Sleeve Stainless Steel	22.00
16007	Vehicle Hitch Mount (Mast not included)	61.00
16008	70' Stainless Steel Cable Man-Rated Winch	30.00
16009	Transformer Tower & Aluminum Base Sleeve	45.00
16010	Weld-On Base Plate	13.00
16011	Bolt-On Base Plate	13.00
16012	Davit System Assembly - Cast Aluminum 42" & 48" Offset	48.00
16013	Vehicle Hitch Mount (16007) & Davit System DK1824	104.00
16014	18" - 24" Offset Mast (Arm only)	7.00
16015	Expandable Base for use with Davit Arm - EB-56 Base 36" - 56"	110.00
16016	Expandable Base for use with Davit Arm - EB-66 Base 46" - 66"	115.00
16017	100' Stainless Steel Cable Man-Rated Winch	35.00



Man-Rated Winch



Davit-Arm System



# GUARDIAN 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 Forge 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) Dee-rings and snaphooks shall have a minimum tensile strength of 5,000 lbs and (d)(4) states that Dee-rings and snaphooks shall be proof-tested to a minimum tensile load of 3,600 lbs, without cracking, breaking, or taking permanent deformation. Additionally, according to OSHA, Subpart M 1926.502 (d)(1) all 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.



# BUCKET OF SAFE-TIE

Part #	Description	Weight
00800	HUV (01101), 5 Snappy Anchors (00710) & VLA-25' (01310)	13.20
00803	HUV (01101), 1 SP-Anchor (00460) & VLA-25' (01310)	13.50
00805	HUV (01101), 1 Temper Reusable (00455) & VLA-25' (01310)	12.60
00810	HUV (01101), 5 Snappy Anchors (00710) & VLA-50' (01320)	15.30
00813	HUV (01101), 1 SP-Anchor (00460) & VLA-50' (01320)	15.15
00815	HUV (01101), 1 Temper Reusable (00455) & VLA-50' (01320)	17.30
00830	HUV (01101), 2 Stainless Steel Reusable (00470) & VLA-25' (01310)	10.70
00840	HUV (01101), 2 Stainless Steel Reusable (00470) & VLA-50' (01320)	12.95

## BUCKET OF SAFE-TIE

Includes:

- HUV Universal Harness (01101) w/ 5 points of adjustment for added comfort
- 25' or 50' Vertical Lifeline Assembly with:

*Shock Pack*

*Positioning Device w/ 18" extension lanyard*

- Your choice of anchors includes:

*5 Snappy Disposable Anchors (00710)*

*2 Stainless Steel Reusable Anchors (00470)*

*1 HD Temper Reusable Anchor (00455)*

*1 SP-Anchor (00460)*



# DUCKET OF SAFE-TIE

# GUARDIAN KITS

Part #	Description	Weight
00880	HUV (01101), 1 Temper Anchor (00455), VLA-30' (11318) & Bag (00765)	13.75
00881	HUV (01101), 3 Stainless Steel Reusable (00470), VLA-30' (11318) & Bag (00765)	13.10
00882	HUV (01101), 7 Snappy Anchors (00710), VLA-30' (11318) & Bag (00765)	17.65
00883	HUV (01101), 1 SP-Anchor (00460), VLA-30' (11318) & Bag (00765)	13.75
00885	HUV (01101), 1 Temper Anchor (00455), VLA-50' (11320) & Bag (00765)	15.45
00886	HUV (01101), 3 Stainless Steel Reusable (00470), VLA-50' (11320) & Bag (00765)	14.80
00887	HUV (01101), 7 Snappy Anchors (00710), VLA-50' (11320) & Bag (00765)	9.35
00888	HUV (01101), 1 SP-Anchor (00460), VLA-50' (11320) & Bag (00765)	15.45

## DUCKET OF SAFE-TIE / D-LUX BUCKET

Includes:

- HUV Universal Harness (01101) w/ 5 points of adjustment for added comfort
- 30' or 50' No Tangle Vertical Lifeline Assembly with:
  - Shock Pack*
  - Positioning Device w/ 18" extension lanyard*
  - Swivel Snap Hook*
- Your choice of anchors includes:
  - 7 Snappy Disposable Anchors (00710)*
  - 3 Stainless Steel Reusable Anchors (00470)*
  - 1 HD Temper Reusable Anchor (00455)*
  - 1 SP-Anchor (00460)*
- Nylon Sport Bag (00765) to keep gear clean and protected



# GUARDIAN FALL PROTECTION KITS

Part #	Description	Weight
<b>LI'L B OF SAFE-TIE</b>		
00870	S-L HUV (01101), 6' Lanyard (01220) & Nylon Bag (00765)	5.35
00875	XL HUV (01105), 6' Lanyard (01220) & Nylon Bag (00765)	6.00
<b>BEAMER™ ERECTOR SET</b>		
00105	2 Beamer™ 2000 (00101), 1 Double Leg HD Lanyard (01210)	11.00
<b>SACK OF SAFETY</b>		
00720	HUV (01101), 3 Snappy Anchors (00710), VLA-25' (01310) & SOS-Bag	11.40
00725	HUV (01101), Temper Anchor (00455), VLA-25' (01310) & SOS-Bag	10.80
00730	HUV (01101), 3 Snappy Anchors (00710) VLA-50' (01320) & SOS-Bag	15.00
00735	HUV (01101), Temper Anchor (00455), VLA-50' (01320) & SOS-Bag	14.40
00740	HUV (01101), Ridge-2 Anchor (00510), VLA-25' (01310) & SOS-Bag	8.90
00745	HUV (01101), Ridge-2 Anchor (00510), VLA-50' (01320) & SOS-Bag	12.50

## LI'L B OF SAFE-TIE

- HUV Universal Harness (01101) w/ 5 points of adjustment for added comfort
- 6' Shock Absorbing lanyard (01220)
- Impact indicator on both pieces of equipment
- 1 gallon Li'l B Bucket provides durable storage
- Nylon Sport Bag (00765) to keep gear clean and protected

## BEAMER™ ERECTOR SET

- Two lightweight Beamer 2000™ (00101)
- Double Leg Heavy Duty Lanyard (01210)
- Convenient box for stacking & display
- Perfect for moving from one beam to the next while keeping 100% tie off

## SACK OF SAFETY

- HUV Universal Harness (01101) w/ 5 points of adjustment for added comfort
- 25' or 50' Vertical Lifeline Assembly with:
  - Shock Absorber*
  - Positioning Device w/ 18" extension lanyard*
  - 2 Double Locking Snap Hooks*
- Cordura Duffel Bag (SOS-Bag)
- Variety of Truss Anchors available
- Custom kits available



Li'l B of Safe-Tie



Beamer™ Erector Set



Sack of Safety

# GUARDIAN PREMIUM ROOFERS KIT

# GUARDIAN KITS

Part #	Description
00726	30' Polydac Rope, HUV (01101), G-Back Pad (21150), SOS-Bag, Halo Anchor (00482)
00737	50' Polydac Rope, HUV (01101), G-Back Pad (21150), SOS-Bag, Halo Anchor (00482)

## THE PREMIUM KIT COMES WITH:

- 5-Point HUV Universal Harness (01101)
- Removable deluxe G-Back comfort pad (21150)
- 30' or 50' Durable Polydac rope
- Sandbag to aid in weighing down the lifeline to make movement easier
- Aluminum snap hook for reduced weight
- Nylon bag for transporting and storage of kit (SOS-Bag)
- Durable Halo roof anchor that is reusable and can be used with either nails or screws (00482)

## 5-POINT HUV UNIVERSAL HARNESS (01101)

The Premium Roofers Kit includes our "best in the market economy harness". The 5-point HUV Universal Harness, has an anti-slip back placard for a more comfortable and longer lasting product. The harness comes with an impact load indicator that identifies a product that has been involved in a fall. The back D-ring is our "Super Sized" D-ring which is compatible for safe connection to any manufacturers' ANSI compliant fall protection system. The safety strap in the back of the harness is an added safety feature that keeps the user from potentially falling out of the harness.

## HALO ANCHOR (00482)

This durable and reusable anchor is ideal for the roofing trades as it can be used with either nails or screws. The floating O-ring allows the worker to safely travel from one side of the ridge to the other. The ultra thick pliable vinyl membrane allows for trusses to be securely engaged by the fasteners even if the trusses are off center. All fasteners must be used and securely attached to wood trusses.

## POSITIONING DEVICE

The Premium Roofers Kit utilizes an easy movement positioning device system with our durable polydac rope. The system is weighted down with a sandbag to allow easier and safer movement on the roof. The system is lightweight and meets or exceeds all ANSI and OSHA requirements.



Halo Anchor (00482)



HUV Universal Harness (01101)



G-Back Comfort Pad (21150)



SOS-Bag



Positioning Device

# GUARDIAN FALL PROTECTION KITS



Aerial Lift Kit



Cable Ladder System Kit



Part #	Description	Weight
<b>AERIAL LIFT KITS</b>		
17200	HUV (01101) w/ Attached 6' Internal Shock Lanyard (11200) & Aerial Lift Bag (00762)	4.50
17201	HUV (01101) w/ 3 D-rings, 4' Non-Shock Lanyard (01260) & Aerial Lift Bag (00762)	5.00
17202	HUV (01101) w/ 3 D-rings, 2' Non-Shock Lanyard (01250) & Aerial Lift Bag (00762)	4.75
<b>LADDER SYSTEM</b>		
04810	100' Cable Ladder System Kit	58.00
04820	200' Cable Ladder System Kit	88.00
04830	300' Cable Ladder System Kit	118.00

## AERIAL LIFT KITS

- Universal fit harness HUV (01101) with attached 6' internal Shock Lanyard (11200)
- Heavy Duty Ballistic Nylon bag with velcro closure (00762)
- Grommets are for attaching bag to lift basket
- Center grommet is in place to seal bag for rental purposes; if the center zip tie is broken, it is an indication that the equipment was used & the renter may charge
- Custom kits available
- **ADD YOUR LOGO TO THE BAG!!** Call for details **800.466.6385**

## 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

## FRONT LOOP CROSS-OVER HARNESS

- Front loop for rescue or work positioning
- Includes a dorsal D-ring
- Sized for added comfort
- Easy to put on
- "X" design keeps the straps on the shoulders while working
- Impact indicator

# SAFETY NETTING SYSTEMS

In 2008, Guardian Fall Protection established a new division of the company known as ESG or Engineering Services Group. This division of the company is responsible for the design, engineering, fabrication and installation of safety netting, permanent lifeline systems and anchor points. ESG has already provided a number of customized solutions across the nation and is a turnkey provider of netting systems nationwide.

Guardian's ESG division provides a variety of safety netting, debris and containment systems. Options range in size, configuration, combinations, colors, and installation. Our engineering services group provides a design process that cost effectively creates solutions that are either installed by our field support or supervised with the contractor's workers. The nets are comprised of a double strand configuration making them strong and durable. The debris netting contains FR and UV coatings to provide a longer lasting product. Our netting products are designed to withstand wind, rain, sun and other environmental conditions that can be damaging. Images in this section represent projects completed by Guardian's Engineering Services Group.

## ESG SERVICES

- Nationwide Installation Services
- Supervisory Installation Services
- Design Engineering
- Custom Fabrication
- Professional Engineering

## APPLICATIONS OF SAFETY NETTING

- High Rise Construction
- Bridge Construction and Repair
- Roof Replacement and Repair
- Railroad Bridges
- Shafts and Openings
- Steel and Concrete Construction
- General Fall Protection

## APPLICATIONS OF DEBRIS AND CONTAINMENT NETTING

- Scaffolding Enclosures
- Facade Protection and Containment
- Ceiling and Roof Containment
- Sidewalk Overhead Protection
- Protection Over Roadways and Streets
- Separation of Trades
- Public Protection
- Adjacent Property Protection
- General Debris Protection

For more information on ESG, please contact our sales office at **614.846.2525**.



# SAFETY NETTING

## CONSTRUCTION SAFETY NETTING

Part #	Size	Description
70001	48"	Orange Fire Retardant Debris Net PE 150' Roll
70002	48"	Blue Fire Retardant Debris Net PE 150' Roll
70003	48"	Black Fire Retardant Debris Net PE 150' Roll
70004	60"	Orange Fire Retardant Debris Net PE 150' Roll
70005	66"	Orange Fire Retardant Debris Net PE 150' Roll
70006	102"	Orange Fire Retardant Debris Net PE 150' Roll
70007	48"	Black Fire Retardant 70 Pro-Knit MM PE 150' Roll
70008	66"	Black Fire Retardant 70 Pro-Knit MM PE 150' Roll
70009	102"	Black Fire Retardant 70 Pro-Knit MM PE 150' Roll
70010	180"	Black Fire Retardant 70 Pro-Knit MM PE 150' 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.

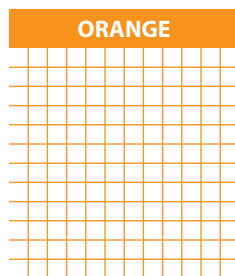
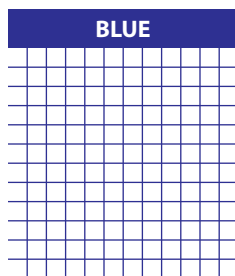
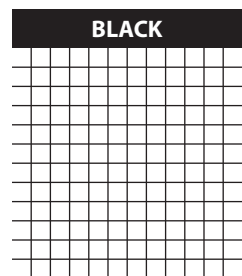
### 1926.502(b)(5)

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

- Meets OSHA's Guardrail Standard 1926.502 Subpart M
- FR coating
- UV resistant
- Reinforced boarder
- 4' x 150' Roll
- Stocked in regional warehouses
- Custom colors available

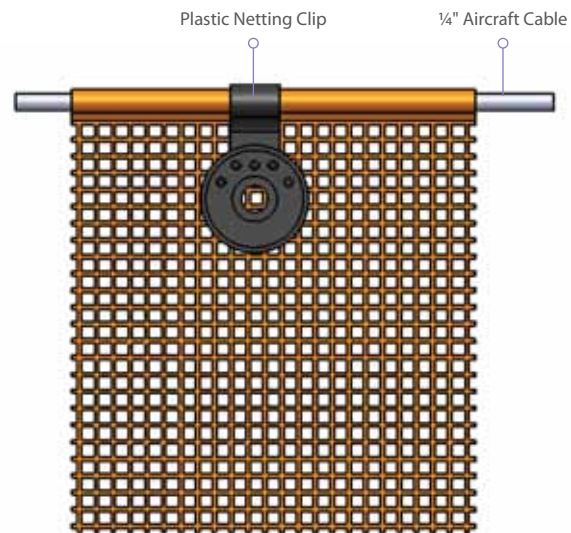
## COLOR OPTIONS



## NETTING TOP INSTALLATION

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

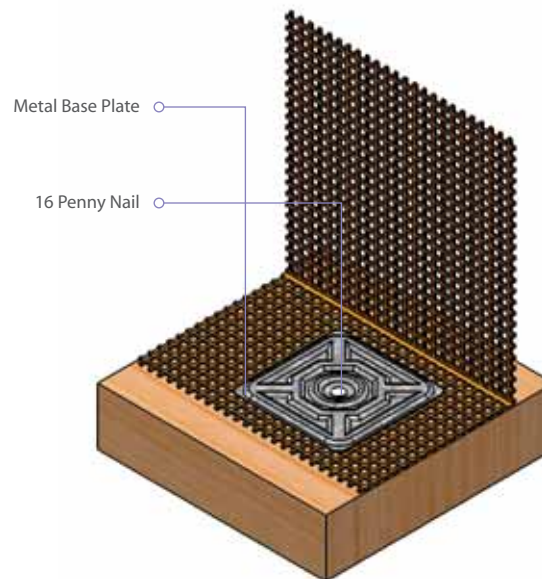
**STEP 2** Install plastic clips every 2 feet on center.



## 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.



# SAFETY NETTING & CONSTRUCTION NETTING SYSTEM



# RESIDENTIAL SAFETY NET SIZE CHART

Part #	Description
61095	RSN77 - Residential Safety Netting – Web 7' x 7' with 8 web straps
61085	RSN1212 - Residential Safety Netting – Web 12' x 12' with 14 web straps
61086	RSN1217 - Residential Safety Netting – Web 12' x 17' with 16 web straps
61087	RSN1222 - Residential Safety Netting – Web 12' x 22' with 19 web straps
61088	RSN1227 - Residential Safety Netting – Web 12' x 27' with 22 web straps
61089	RSN1717 - Residential Safety Netting – Web 17' x 17' with 20 web straps
61090	RSN1722 - Residential Safety Netting – Web 17' x 22' with 22 web straps
61091	RSN1727 - Residential Safety Netting – Web 17' x 27' with 25 web straps
61092	RSN2222 - Residential Safety Netting – Web 22' x 22' with 24 web straps
61093	RSN2227 - Residential Safety Netting – Web 22' x 27' with 27 web straps
61094	RSN2727 - Residential Safety Netting – Web 27' x 27' with 30 web straps

## NETTING SPECIFICATIONS

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 lbf (3.20 kN)
Dynamic Drop Test:	7000 ft-lb (9490 N-m) <i>ANSI A10.11 test method, 350 lbs test weight dropped 20 ft into 17 x 24 ft bordered net without deformation</i>
Weight:	0.034 lb/ft <sup>2</sup> (166 g/m <sup>2</sup> )
Melting Point:	320°F (160°C)
UV:	Extra UV Stabilizers added
Color:	Orange

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, light weight, and is resistant to moisture and chemicals.



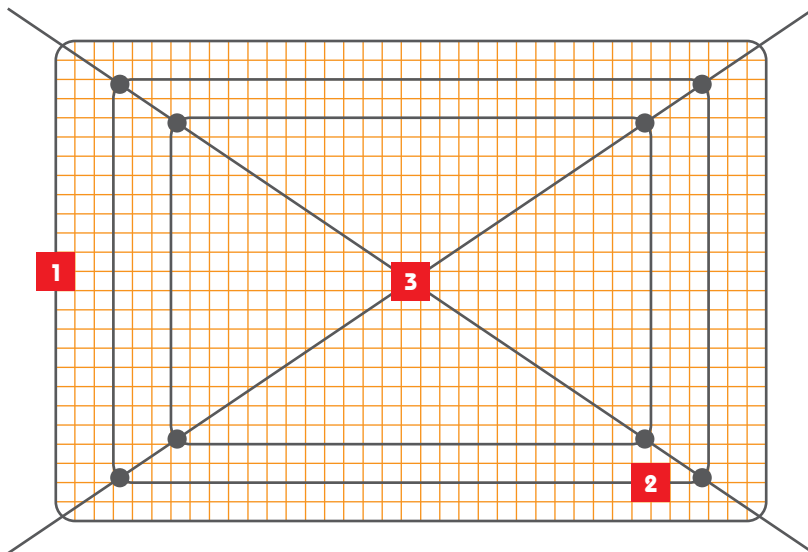
# RESIDENTIAL SAFETY NET SIZE CHART

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, insure 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 PRODUCTS

Often overlooked by many workers, safety professionals, and companies is the need to properly implement a rescue plan in the event an employee falls while working from an elevated surface. While many employers mandate the use of fall protection, little, if any, attention is paid to how a worker will be rescued if a fall occurs, even though it is a clear OSHA requirement. Plan further than this first life/injury saving step.

## QUESTIONS TO ASK YOURSELF

- What is your plan in the event a worker falls and needs to be rescued?
- What is your plan in the event a worker falls, is injured, and needs to be rescued?
- What is your plan in the event a worker falls at a remote location?
- What is your plan in the event a worker falls while performing a task alone?
- What is your plan in the event more than one worker falls?
- What is your plan if the worker falls and they were using a retractable lifeline, versus a lanyard?

I think you get the point.

In general, the saved worker may well remain suspended by his equipment for an extended amount of time while co-workers frantically search to figure out what they need to do next.

## IMPORTANT TERMS

- Self-rescue by the worker who has fallen
- Assisted rescue by co-workers and or by
- Professional rescuers who would be certified competent rescuers such as the fire department, high angle teams, etc.

An employer should call for the professionals as soon as a worker has fallen. While professionals such as the fire department might be available, they might not have the expertise or proper training to perform the rescue. Furthermore, OSHA does not allow a rescue plan to call out means of rescue as dialing 911. It is highly recommended to learn about the capabilities of your local fire department or other rescue professionals where you are performing your work.

Guardian Fall Protection has partnered up with creators of the Gotcha Rescue Systems. President Ed Marquardt stated "by offering the Gotcha line of products, our customers have access to the most expansive rescue equipment available on the market today. This is important because the creators of Gotcha have been hard at work for a number of years designing innovative solutions to meet a variety of complex rescue situations." To learn more about our rescue products and training services at your facility or ours, please contact our sales office at **614.846.2525**.



# GOTCHA RESCUE KITS

## GOTCHA RESCUE KIT

The Gotcha Rescue kit is a unique solution to a problem faced by all workers at height who use PPE for protection against falls. Whereas most rescue provision has 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.

## FEATURES

- Suitable for rescue from lanyards and retractables
- The casualty is raised to release from their original attachment
- Rescue Direction - the victim can be raised or lowered
- Pre-Assembled - no assembly is required by the user
- Single person use- the is for raising or lowering a single person
- Maximum working length- the Gotcha kit is available in four lengths
- Color Coding - the kit is color coded for simplicity

## GRABBA

The Grabba is an optional add-on to the Gotcha Kit. It enables the rescue of persons suspended from retractable fall arrest devices and 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. 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.

## FEATURES

- Suitable for rescue from lanyards, vertical fall arrest systems and web retractables
- Bladeless Cutting - the victim is released by cutting their primary attachment with a unique bladeless cutter for safety and accuracy
- Rescue Direction - the Shark is a descent rescue kit and rescue entails the rescuer descending to the victim collecting them and descending to safety
- Pre-Assembled - no assembly is required by the user
- Assisted Rescue - the rescuer accesses the victim in order to recover them
- Two person use - the Gotcha Shark is rated for loads up to 660 lbs in normal use
- Gotcha Shark kits are available in 195 ft and 325 ft lengths

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



Gotcha Shark Rescue Kit

Gotcha Rescue Kit

# GOTCHA RESCUE KITS

# RESCUE PRODUCTS

## 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.

### FEATURES

- Suitable for evacuation from high structures where constant rate lowering and minimal user input are required.
- Rescue Direction - the victim can be lowered to safety or raised for limited distances
- Evacuation Direction - the user can descend to safety at a constant rate controlled by the device
- Pre-Assembled - no assembly is required by the user
- Lone Evacuation - a single person can descend to safety
- 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 lbs
- Maximum Working Lengths - the Gotcha CRD is available in lengths of up to 325 feet for loads up to 495 lbs. For loads up to 330 lbs 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 to fire and rescue services. The FR kit provides a flexible solution to rescues involving vertical, horizontal and tensioned lines.

### FEATURES

- 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.
- Bladeless Cutting - victims can be recovered without the need to cut them free due to the raising and lowering capabilities of the kit
- Rescue Direction - the Gotcha FR kit is capable of rescuing vertically up and down as well as horizontally by tensioning
- Pre-Assembled - no assembly is required by the user, but the kit can be changed from lowering mode into raising mode by altering the configuration
- Assisted Rescue - the Gotcha FR kit can be used in many ways and is designed to work in conjunction with a second kit to provide additional security where required
- Single Person Use - 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
- Maximum Working Length - the Gotcha FR Kits are available in 195 ft and 325 ft versions
- Each kit is capable of being used for lowering operations up to that maximum length

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 and Rescue Kit w/ 195 ft Rope	20.00
53035	Gotcha Fire and Rescue Kit w/ 325 ft Rope	23.00

Gotcha CRD Rescue Kit



Gotcha Fire & Rescue Kit

# GOTCHA KITS & ACCESSORIES

Part #	Description	Weight
10817	Rescue Ladder	8.00
53038	Gotcha Suspension Loop	1.50
53039	Gotcha Kit Replacement Pole	1.00
53040	Gotcha Evacuation Kit	5.00

## 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.

## 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 14ft 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.

## 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.

## FEATURES

- No cutting required
- The Evac is a descent evacuation kit and allows the user to descend to a point of safety
- No assembly is required by the user
- A single person can descend to safety
- Rated for loads up to one person use
- Maximum Working Length - the Gotcha Evac kit is a 65 ft descent rescue kit
- Provided in clearly labelled, robust "Rescue" bag w/ attachment points
- Anchoring Sling and connecting steel carabineers
- Auto-lock descender
- Various lengths available
- Rope protection



53038



10817



53040



# LEG UP SUSPENSION TRAUMA STRAP

## SUSPENSION TRAUMA SYNDROME

Suspension Trauma Syndrome (possibly referred to as harness-induced pathology, suspension syncope, prolonged motionless suspension syndrome, or simply post-fall faint) can possibly cause injury or even death if not immediately addressed. A written rescue plan is not enough. Jobsite specific training and the availability and knowledge in the use of rescue equipment is paramount to responding in time to a situation.

## WHAT IS IT?

If you stand for a long period of time, gravity pulls blood into the tissue of our leg and subsequently the heart is not strong enough to pull it back up. If enough blood collects in the legs, you will faint.

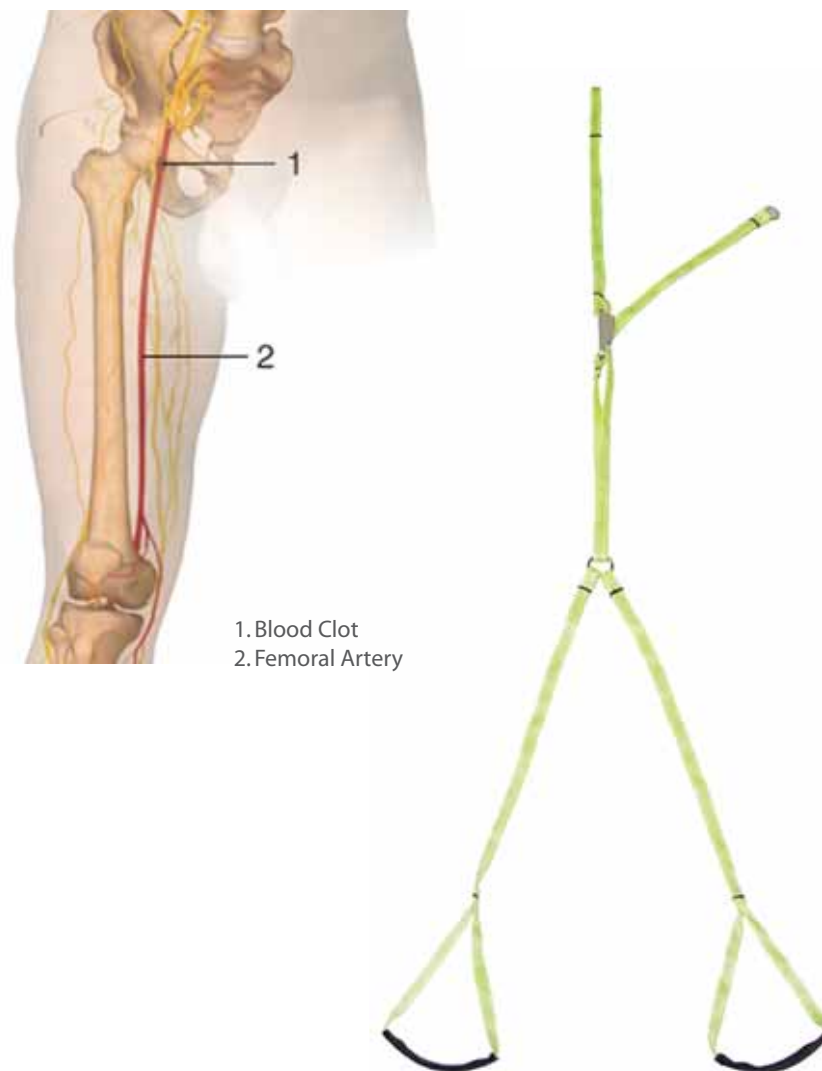
When someone falls in a harness, a dangerous situation can occur, especially if the victim becomes injured and unable to move or the individual is left suspended for a long period of time. Blood will begin to pool in the legs and sometimes, in less than five minutes, the victim can faint. The situation becomes further complicated as the harness webbing around the legs can restrict the flow of blood altogether by cutting flow off of the femoral artery.

Depending on the physical conditioning of the victim; secondary injuries, general cardiovascular health, initial sizing and fit testing of the harness and adjustments, the victim could reach a critical situation in five to fifteen minutes. This is why it is particularly important to train workers on how to wear a harness and properly fit a harness. Not wearing a harness correctly can create a greater risk of injury.

## WHAT TO DO?

1. Make sure your organization has a rescue plan that is specific to each jobsite. Not all construction sites are the same.
2. Train your employees on what to do in the event an employee has fallen and needs to be rescued. Training is highly effective and must not be overlooked. Calling 911 is standard operating procedure. However, calling 911 doesn't mean they can respond or even know how to respond.
3. Have the proper equipment, including, but not limited to, a suspension trauma strap, of which a number of fall protection manufacturers provide. This could also include a long vertical lifeline assembly. If lowered, the fallen victim might be able to grasp the line and make a knot to lift the weight off of their legs. If the fallen victim is incapacitated, the other employees, using a long piece of rope, could loop the rope underneath the victim's knees to raise and lower them. Try to get the knees up high enough so that the thighs are horizontal. This will help keep the blood circulating. Do not attempt any of these suggestions without first receiving proper training by a qualified individual.

4. Once rescued, the conscious/unconscious victim should never be fully reclined to a horizontal position under any circumstances. The violent release of the trapped blood volume, increased blood pressure and change in heart rate could seriously damage the heart or release blood clots into the system. Try and keep the victim's upper spine vertical or no more than 60 degrees from horizontal. Keep the victim warm in either a crouch or sitting with legs out for at least 45 to 60 minutes. Do not attempt any of these suggestions without first receiving proper training by a qualified person.



Part #	Description	Weight
10730	Leg Up Suspension Trauma Strap	0.50

# 3-WAY RESCUE RETRACTABLE LIFELINE

Part #	Size	Description	Weight
10974	50'	3-Way Rescue Retrieval Retractable Lifeline	26.00
10981	65'	3-Way Rescue Retrieval Retractable Lifeline	27.00

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.

## PRODUCT SPECIFICATIONS

Capacity:	310 lbs
Standards:	Exceeds Z359.1-2007
Max. Arresting Force:	900 lbs
Max. Arresting Distance:	42"
Average Locking Speed:	4½ ft/sec



### 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.

# ACCESSORIES / MISCELLANEOUS

Falls from heights occur from a variety of work surfaces that involve 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 I w-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.

## OVERWHELMED YET?

To learn more and how you can easily comply with OSHA's fall protection standards, contact Guardian at **800.466.6385** and schedule a training class today or log onto [www.guardianfall.com](http://www.guardianfall.com) and locate a direct factory representative in your area.



# CARRYING & STORAGE BAGS

Part #	Description	Weight
00761	Nylon Zipper Bag	0.80
00762	Aerial Lift Bag	1.00
00763	Ultra Sack Large Black Canvas Duffel Back Pack	3.00
00764	Ultra Sack Large Grey Vinyl Back Pack Equipment Bag	2.00
00765	Red Nylon Sport Bag	1.00
00767	Blue Nylon Sport Bag	1.00
00769	Green Nylon Sport Bag	1.00
SOS-Bag	Cordura Duffel Bag	0.90
SOSBag-XL	XL Cordura Duffel Bag	1.00

## ULTRA SACK BAG

This newly designed ultra premium equipment bag provides the ultimate in durability with more capacity than any other fall protection equipment bag 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 back pack configuration makes climbing a ladder with your equipment a snap while staying in compliance with ladder standards.

## CARRYING & STORAGE BAGS

- Perfect for storage and daily transport to and from job site
- Durable and convenient
- Keeps equipment clean & organized
- Helps protect equipment against UV rays
- **ADD YOUR LOGO TO ANY BAG!** Call for details **800.466.6385**



00763



00765



00761



SOS-Bag



00762

# ACCESSORIES / MISCELLANEOUS

# ACCESSORIES

Part #	Description	Weight
02000	Butterfly Removable Chest D-ring	0.50
01185	Shoulder Pads	1.00
01187	Waist Pad	2.00
10820	S - M 8 Pocket Bag w/ Belt	3.50
10821	L - XL 8 Pocket Bag w/ Belt	3.60
10822	Quad-Pocket Bag w/ Fastener Pouch (1)	1.20
10823	Tri-Pocket Bag w/ Hammer Loop & Tape Rack (3)	1.20
10824	Hammer Holder (2)	0.30
21150	G-back Comfort System	1.00
21151	2 Padded Legs	1.00
21152	Kit includes: G-back & Legs	2.00

## BUTTERFLY REMOVABLE CHEST D-RING (02000)

- Incorporates easily into the chest strap of Tux™ or Edge harnesses
- Must be used with a complete ladder system in compliance with OSHA standards
- Not for fall arrest attachment

## COMFORT SYSTEM

- Super comfortable padding
- Easy snap on features makes for quick attachment
- Washable material
- Added velcro for extra durability and long life
- Inexpensive accessory that will improve the comfort of your workers

## SHOULDER PADS (01185)

- Closed cell foam for added comfort
- Shaped to fit your shoulders
- Easy snap-on attachments

## WAIST PAD (01187)

- Ultra comfortable padding
- Comes with two positioning rings
- Double layered for added protection

## TOOL BAG

- Heavy duty velcro and tongue buckle front closure
- A variety of large and small pockets for storage versatility
- Two steel tool loops
- Back pad has a breathable mesh lining
- Covered pocket to store fasteners
- Tape measure rack



01187



10822



02000



21150



01185

# ACCESSORIES / MISCELLANEOUS

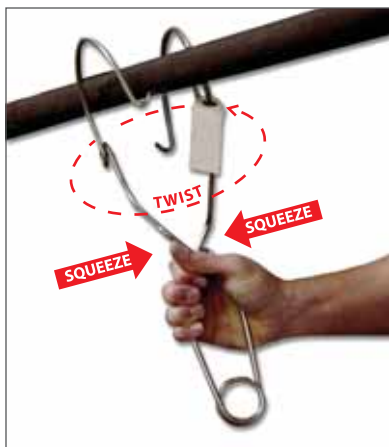
## 1 WIRE HOOK ANCHORAGE



## 2 HOLD ME ANCHOR (01300)



## 3 SWIVEL ADAPTOR (10975)



## WIRE HOOK ANCHORAGE

1

- Stainless Steel
- Connects to various anchor points including:
  - scaffolding*
  - railings*
  - small I-beams*
- Opens by squeezing spring loaded hook
- Available with attached shock absorbing lanyards
- Double leg option has 2 wire hook ends

## HOLD ME ANCHOR (01300)

2

- Convenient lifeline connection point
- Safer than tying a knot
- Reusable lightweight aluminum
- Easy instructions for tie off
- Stays taught, but simple to untie
- Attach carabiner to top hole for attachment to anchor point

## 50' & 65' RETRACTABLE SWIVEL ADAPTOR (10975)

3

- Easily attaches to any swivel top
- Durable steel attachments that hold up to jobsite abuse
- Easily removed for use with smaller retractables
- Powder coated for long lasting durability
- Engineered specifically to fit Guardian Edge Retractable

Part #	Description	Weight
01860	Wire Hook Anchorage	0.90
01225	6' Shock Absorbing Lanyard w/ Wire Hook end	1.30
01235	6' Double Leg Shock Absorbing Lanyard w/ 2 Wire Hook ends	3.10
01300	Hold Me Anchor - fits 5/8" Safety Rope	0.50
10975	50' & 65' Retractable Swivel Adaptor	2.00

# ACCESSORIES / MISCELLANEOUS

Part #	Description	Weight
10725	Tool Lanyard w/ Mini Twist Locking Carabineer	0.15
10726	Tool Lanyard w/ Mini Carabineer	0.10
00245	Armadillo	11.00
01500	Rope Grab w/ Attached 18" Extension Lanyard	2.00
01503	Rope Grab w/ Attached 3' Shock Absorbing Lanyard	3.00
01505	Rope Grab (no extension)	1.30
01507	Rope Grab w/ 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
00352	Skyhook™ Flashing - Primer	2.00
00358	Neoprene Skyhook™ Gasket - Small	1.00
00359	Neoprene Skyhook™ Gasket - Large	1.00

## TOOL LANYARDS

- Help reduce falling object related injuries
- Securely attach tools to wrist or tool belt
- Two connection options for ease and versatility

## 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 (04630)
- Can be attached to any roof anchor on the market
- Fits our 20'/30'/50'/65' retractables

## 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
- Lanyard keeps device within reach
- Stainless steel cable grabs fit 3/8" or 5/16" cable and travel in both directions automatically
- Squeeze to move positioning device, locks automatically
- Can be ordered with a shock absorber

## SKYHOOK™ FLASHING ACCESSORIES

- Flashing available in a pre-primed ready-to-paint finish
- Gaskets also available and sold separately



Tool Lanyard  
(10726)



Armadillo  
(00245)



Rope Grab w/ 18" Extension  
(01500)



Rope Grab  
(01505)



Cable Grab  
(01510)



Skyhook Flashing  
(00352)

# SNAP HOOKS & CARABINEERS



Part #	Gate	Description	Weight
01813-a	3/4"	Locking Aluminum Carabiner	0.20
01813-s	3/4"	Locking Steel Carabiner	0.50
01820	2 1/2"	Rebar Hook	1.20
01822	1"	ANSI Compliant High Strength Snap Hook	0.75
01823	2 3/8"	ANSI Compliant High Strength Rebar Hook	1.55
01825	3/4"	Swivel Snap Hook	0.90
01830	3/4"	Double Lock Snap Hook	0.60
01835	3/4"	Triple Locking Snap Hook	0.60
01850	2 1/4"	Pompier Hook	1.60
01870	3/4"	New ANSI Compliant Pincer Hook	0.65

## FEATURES

- Easy to use one hand operation
- Securely attach lanyards or lifelines to anchorages
- Offer maximum strength to 5,000 pounds



01835



01850



01813-S



01813-A



01820



01825



01830



01870



# TRAINING

## GOT TRAINING?

According to subpart M of OSHA 1926.502 Code of Federal Regulations:

*"Each employee on a walking/working surface (horizontal and vertical surface) with an unprotected side or edge which is 6 feet (1.8m) or more above a lower level shall be protected from falling by the use of guardrail systems, safety net systems, or a personal fall arrest system."*

## STANDARDS

In addition, OSHA standards also address falls from the following:

- 1926.501(b)(c)** Unprotected sides and edges
- 1926.501(b)(2)** Leading edges
- 1926.501(b)(2)(ii)** Walking/Working surfaces w/ leading edges under construction
- 1926.501(b)(3)** Hoist areas
- 1926.501(b)(4)** Holes in walking and working surfaces
- 1926.501(b)(5)** Formwork and reinforcing steel
- 1926.501(b)(6)** Ramps runways, and other walkways
- 1926.501(b)(7)** Excavations
- 1926.501(b)(8)** Dangerous equipment
- 1926.501(b)(9)** Overhand bricklaying and related work
- 1926.501(b)(10)** Low-slope and steep roofs
- 1926.501(b)(11)** Steep roofs
- 1926.501(b)(12)** Precast concrete erection
- 1926.501(b)(13)** Residential construction
- 1926.501(b)(14)** Wall openings
- 1926.501(b)(15)** Walking/Working surfaces not otherwise addressed etc...

## PERSONAL FALL ARREST SYSTEMS OR PFAS

Personal Fall Arrest Systems is in relation to what is deemed as an appropriate anchor point, connector, and harness combination. While other means are available, utilizing a PFAS is the most common solution.

Overwhelmed? Sign up for our new Competent Person 16 Hour Training Program that is held at our corporate office in Seattle and in our brand new training center in West Virginia. We also have mobile training vehicles available for jobsite training. Log onto [www.guardianfall.com](http://www.guardianfall.com) to learn more or call our sales office at **614.846.2525**.



# TRAINING



Educate your workers and comply with OSHA fall protection standards with Guardian Fall Protection:

- Class size limited to 20
- Deadline for registration is 1 week before the class

### COMPETENT PERSON TRAINING

The Competent Person course is designed for superintendents, managers of authorized persons or individuals working at height.

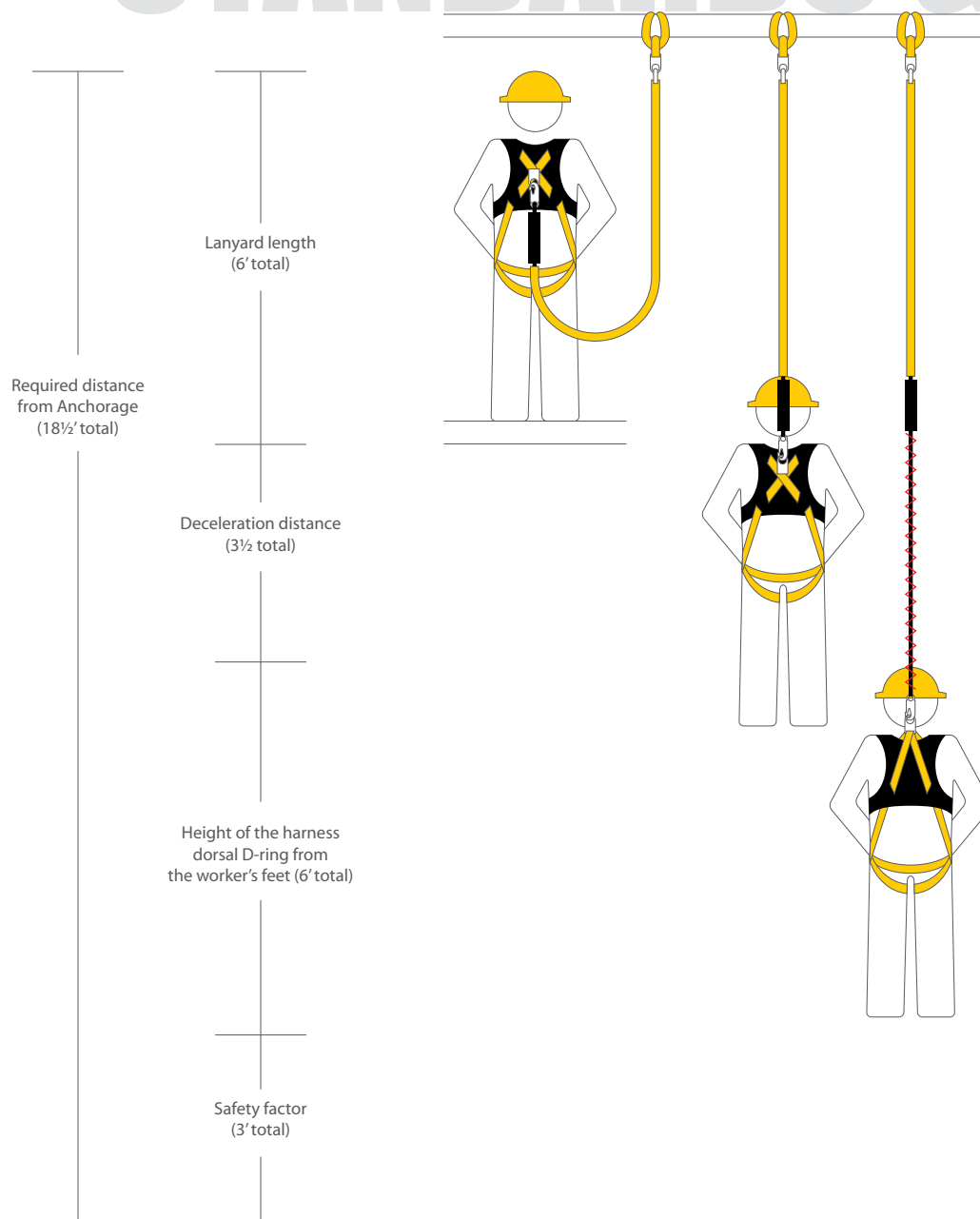
- Fall protection system analysis
- OSHA and ANSI Z359.2 standard regulations relating to Fall Protection
- Fall hazard elimination
- Equipment inspection
- Passive Fall Protection Systems
- Fall Restraint systems
- Fall Arrest systems:
  - Personal fall arrest systems*
  - Nets*
  - Safe work zones & more*
- Fall protection rescue procedures
- Selection and use of non-certified anchorages
- Competent person role and duties

### AUTHORIZED PERSON TRAINING

- How to recognize a fall protection hazard
- Elimination of fall protection
- Fall protection regulations and rules
- Usage of written fall protection procedures
- Inspection of fall protection equipment components
- Fall protection rescue guidelines

Please visit [www.guardianfall.com](http://www.guardianfall.com) for class dates and registration.

# FALL DISTANCE CALCULATION & WARRANTY



## ANCHORAGE CONNECTOR

**Anchor:** The point of attachment for lanyards and lifelines, also called a tie off point. Must be capable of handling a 5,000 lbs load in the direction a fall would occur. (Roof Truss, I-Beam)

**Anchorage connector:** Used to join the anchor point to the connecting device. (Beamer, Cross Arm Strap)

## BODY WEAR

Full body harness distributes the weight of impact across the body in a fall. It keeps the user upright if hanging from the dorsal D-ring. Completes the connection of Anchor to connector to harness.

## CONNECTING DEVICE

Connects the harness to the anchor or anchorage connector.

## DECELERATION DEVICE

Device that slows and reduces energy in a fall. It lowers the force the body receives upon impact. (Shock Absorbing Lanyard, Rope Grab, Retractable Lifeline)

# STANDARDS & WARRANTY

## WARRANTY

Guardian Fall Protection warrants to the purchaser that all products are free from defect in material and workmanship at the time of shipment. Obligation under this warranty is limited to product replacement for the period of (2) years from the date of installation or use by the owner, provided that this period shall not exceed two (2) years from the date of shipment. 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.

## LIABILITY

As Guardian Fall Protection warrants all products to be free from defect in material and workmanship, we are not responsible for improper use, care, or training in the use of our products. However, we do carry Commercial Liability Insurance and have the ability and reserve the right to name our distributor customers as additional insured and certificate holder, if they so desire.

## WARNING

Guardian Fall Protection instructions, labels, and warnings supplied with each product at the time of shipment must be read and followed before using. Failure to do so may result in serious injury or death. This catalog contains only general description of the products we manufacture. While use and performance are described, these products are not to be used by untrained individuals.

**All Guardian Fall Protection products meet applicable OSHA and ANSI requirements.**

**The Occupational Safety and Health Act (OSHA) under Title 29 of the Code of Federal Regulations (29 CFR) assures and enforces safe and healthful working conditions for general industry and construction in the United States. Under the Act, employers have the duty of providing their workers with a place of employment free from recognized safety and health hazards.**

**The American National Standards Institute (ANSI) is a voluntary organization made up of manufacturers and consumers that establish product performance standards for fall protection safety. Meeting the standards indicates that products pass accepted testing procedures. The standards are not enforceable as law, however many OSHA regulations are adopted from ANSI standards. Employers should obtain copies of the regulations that apply to their work operations by writing to:**

### OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

200 Constitution Avenue, N.W.

Washington, DC 20210

[www.osha.gov](http://www.osha.gov)

### OSHA REGULATIONS GOVERNING CONSTRUCTION (29 CFR PART 1926)

**Subpart E** covers various requirements for personal protective equipment.

Safety Belts, Lifelines and Lanyards \_\_\_\_\_ 1926.104

Safety Nets \_\_\_\_\_ 1926.105

**Subpart L** covers Scaffolds \_\_\_\_\_ 1926.450-454

**Subpart M** covers fall protection fully, including when and where fall protection systems are required and for what construction work activities. It also defines system component requirements.

Scope, Application and Definitions \_\_\_\_\_ 1926.500

Duty to Have Fall Protection \_\_\_\_\_ 1926.501

Fall Protection Systems Criteria and Practices \_\_\_\_\_ 1926.502

Training Requirements \_\_\_\_\_ 1926.503

**Subpart X** covers Ladders \_\_\_\_\_ 1926.1053

### OSHA REGULATIONS GOVERNING GENERAL INDUSTRY (29 CFR PART 1910)

**Subpart D** mentions a few specific Fall Protection requirements relative to walking / working surfaces.

Fixed Ladders, Ladder Safety Devices \_\_\_\_\_ 1910.27(d)(5)

Safety Requirements for Scaffolding, Boatswain's Chairs \_\_\_\_\_ 1910.28(j)(4)

**Subpart F** covers fall protection as it pertains to powered platforms, man lifts, and vehicle mounted work platforms.

Maintenance \_\_\_\_\_ 1910.66

Personal Fall Arrest Systems \_\_\_\_\_ 1910.66

**Subpart J** covers general environmental controls in which confined spaces are addressed.

Confined Spaces \_\_\_\_\_ 1910.146

### ANSI STANDARDS

Scaffolding \_\_\_\_\_ A10.8

Personnel and Debris Nets for Construction and Operations \_\_\_\_\_ A10.11-1989

Construction and Demolition Operations \_\_\_\_\_ A10.14-1991

Ladder Safety Devices \_\_\_\_\_ A14.3-1992

Confined Space \_\_\_\_\_ Z117.1-1989

Safety Requirements for PFA Systems, Subsystems and Components \_\_\_\_\_ Z359.1-1992

### AMERICAN NATIONAL STANDARDS INSTITUTE, INC. (ANSI)

11 West 42nd Street

New York, NY 10036

[www.ansi.org](http://www.ansi.org)

# NOTES

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