

# Utilities Industry

Safety at Height Solutions

Products & Services



**MILLER**

by Honeywell

# Innovative Products and Services for the Utilities Industry

The Miller® brand of fall protection products has been meeting market demands for fall protection equipment for over 60 years.

We have built a reputation for delivering superior quality products with exceptional customer service, enabling our customers to prevent accidents and injuries, while maintaining on-the-job efficiencies.

Today, we take particular pride in bringing to the market innovative solutions that not only enhance safety and productivity, but increase user acceptance and lower overall cost.

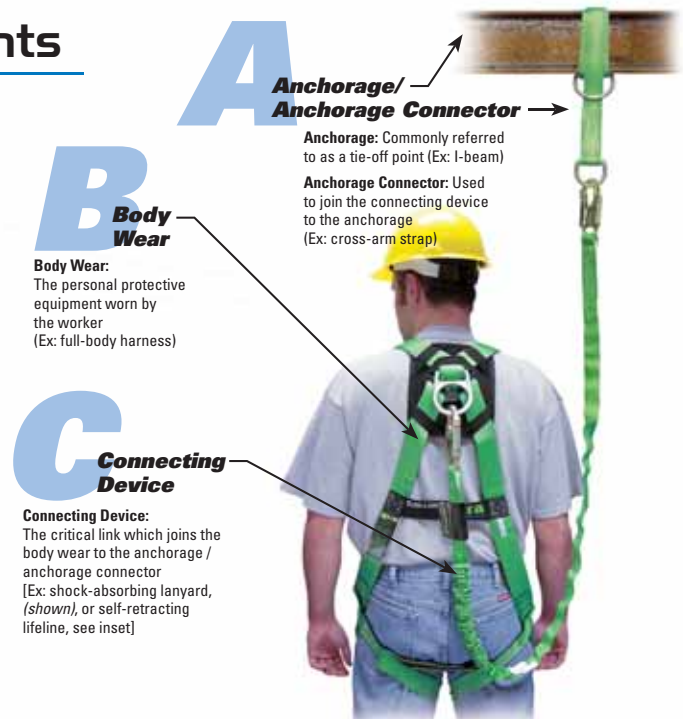


## PERSONAL FALL ARREST SYSTEM

### Key System Components

Three key components of the Personal Fall Arrest System (PFAS) must be in place and properly used to provide maximum worker protection.

Individually these components will not provide protection from a fall. However, when used properly and in conjunction with each other, they form a Personal Fall Arrest System that becomes vitally important for safety on the job site.



▶ Ask the Expert ...  
Ask Miller.

800/873-5242  
www.millerfallprotection.com

# Miller Linemen's Belts

## All belts feature:

- Side positioning D-rings
- Leather tool loops
- Support belt rings
- Tape thong
- Accessory snap
- Accessory ring

## Miller "Black Beauty" Full-Floating Linemen's Belt Model 8449

Lightweight leather belt features a 1-3/4-in. (44 mm) waist strap with a 5-in. (127 mm) cushioned body pad. Tool loops are double-riveted to the D-saddle for extra strength.



93N



94N



75N



8449-1



60NL



95N



88N



88N-1

## Fixed Belts

Fixed belts do not allow for lateral movement of the D-rings or waist strap with tool loops.

## Semi-Floating Belts

On semi-floating belts, the waist strap with tool loops is completely separate from the D-saddle, allowing for lateral movement of the waist strap prior to use. Any load or pull does not bind tools to tool loops.

## Full-Floating Belts

Full-floating belts allow for lateral movement of the D-saddle with D-rings during use. As a lineman changes position on a pole, the D-rings easily adjust to the movement. As a result, the pole strap rubs against the pole less frequently and receives less wear. Any load or pull does not bind tools to the tool loops.

SKU	Style	Width	Description	Weight
60NL	Fixed	4-in. (102 mm)	Body pad with soft dielectric lining & 1-3/4-in. (44 mm) waist strap	3.9 lbs. (1.8 kg)
93N	Fixed	5-in. (127 mm)	Body pad with soft dielectric leather lined 1-3/4-in. (44 mm) waist strap	3.8 lbs. (1.7 kg)
94N	Semi-floating	4-in. (102 mm)	Leather body pad with 1-3/4-in. (44 mm) waist strap	4.0 lbs. (1.8 kg)
95N	Full-floating	5-in. (127 mm)	Leather body pad with 1-3/4-in. (44 mm) waist strap	4.6 lbs. (2.1 kg)
99N	Fixed	9-in. (229 mm)	Leather back-saver body pad with 1-3/4-in. (44 mm) waist strap	3.9 lbs. (1.8 kg)
93YR	Semi-floating	5-in. (127 mm)	MillerHyde II synthetic leather body pad with 1-3/4-in. (44 mm) waist strap	3.9 lbs. (1.8 kg)
75N	Full-floating	5-in. (127 mm)	MillerHyde II synthetic leather body pad with a D-saddle & 1-3/4-in. (44 mm) waist strap	4.9 lbs. (2.2 kg)
88N	Full-floating	9-in. (229 mm)	Leather back-saver body pad with a D-saddle & 1-3/4-in. (44 mm) waist strap	5.6 lbs. (2.5 kg)
8449	Full-floating	5-in. (127 mm)	"Black Beauty" leather, cushioned body pad with 1-3/4-in. (44 mm) leather D-saddle & waist strap	4.5 lbs. (2.0 kg)
88N-1	Full-floating	9-in. (229 mm)	Leather back-saver body pad with a D-saddle, 1-3/4-in. (44 mm) waist strap & scaffolding D-ring	5.6 lbs. (2.5 kg)
8449-1	Full-floating	5-in. (127 mm)	"Black Beauty" leather, cushioned body pad with 1-3/4-in. (44 mm) leather D-saddle, waist strap & scaffolding D-ring	4.5 lbs. (2.0 kg)



## Linemen's Belt Sizing

The degree of comfort a lineman receives from a belt depends on the construction of the belt and the location of the D-rings. For best fit, order by D-size. The D-size is the distance between the heels of the D-rings. When wearing a belt, the D-rings should be located 1 inch (25 mm) in front of the hip bones. To determine proper D-size, measure across the back from hip bone to hip bone and add 2 inches (51 mm). This measurement is the D-size.

## SIZING CHART FOR LINEMEN'S BELTS

D-Size	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30
Min.	32-in. (813 mm)	33-in. (838 mm)	34-in. (864 mm)	35-in. (889 mm)	36-in. (914 mm)	38-in. (965 mm)	40-in. (1,016 mm)	42-in. (1,067 mm)	44-in. (1,118 mm)	46-in. (1,168 mm)	47-in. (1,194 mm)	48-in. (1,219 mm)	49-in. (1,245 mm)
Max.	42-in. (1,067 mm)	43-in. (1,092 mm)	44-in. (1,118 mm)	45-in. (1,143 mm)	46-in. (1,168 mm)	48-in. (1,219 mm)	50-in. (1,270 mm)	52-in. (1,321 mm)	54-in. (1,372 mm)	56-in. (1,422 mm)	57-in. (1,448 mm)	58-in. (1,473 mm)	59-in. (1,499 mm)

# Miller Bandit™ Tool Lanyards

Prevent tools from dropping that can cause serious injuries on the jobsite. Lanyard conveniently attaches to the user's belt. Tools are attached with the carabiner or by cinching the cord around tool.

SKU	Description
9077	Bandit Tool Lanyard attaches to the user's belt
9077X/12	Consists of a box of 12 Bandit Tool Lanyards



# Miller StopFall™ Fall Restraint System

The Miller StopFall System provides a user-friendly and reliable work positioning and fall arrest system for climbing wooden poles. The StopFall System is specifically designed with a 75-in. (1,905 mm) pole strap (maximum length) and features a 21-in. (533 mm) security strap with unique gaffs that “bite” into wooden poles. Meets CSA Standard Z259.14-99 for Type A and Type AB.

## The polyester pole strap comprises:

- An integral steel reinforcement band, which prevents “hour-glassing” and maintains shape
- A rugged neoprene wear pad for increased service life
- Double-locking snap hooks and length adjuster assembly
- Two-piece spring assembly to prevent a continual electric path
- Stainless steel dome stops to prevent the security strap from inadvertently sliding off the end of the wear pad



## Specially-designed security strap:

- Corrosion-resistant, stainless steel hardware
- Spring-loaded gaffs that provide instant grip on wooden poles
- Nylon rollers permit free movement of the gaffs and minimize abrasion on the strap
- A disconnect and length adjuster with a “parking” feature for when the security strap is not in use

SKU	Description
7600A	Fits wood pole size 25-in. to 50-in. (635 mm - 1,270 mm) circumference. Friction buckle adjustment.
7600B	Fits wood pole size 25-in. to 50-in. (635 mm - 1,270 mm) circumference. Tongue buckle adjustment.



## Miller Aerial Bucket Kit

### Model 8112L/UGN

The Miller Aerial Bucket Kit offers a complete personal fall arrest system for bucket truck applications.



The kit includes:

- DuraFlex® Utility Harness (Model E752/UGN)
- Manyard® II Shock-Absorbing Lanyard (Model 233M/6FTGN)
- Aerial Lift Boom Strap (Model 6404/50INYL)

## Miller Aerial Lift Rescue Ladder

The Miller Aerial Lift Self-Rescue Ladder is a portable 15-ft. (4.6 m) web ladder designed and intended to assist with self-rescue for applications such as aerial lifts, bucket trucks, and elevated work surfaces.



In the event of a fall, the user releases the ladder by pulling on the drawstring and then climbs back to the work surface.

SKU	Length	Description
9058/15FT	15-ft. (4.6 m)	Aerial Lift Self-Rescue Ladder
9058/25FT	25-ft. (7.6 m)	Aerial Lift Self-Rescue Ladder
9058/30FT	30-ft. (9.1 m)	Aerial Lift Self-Rescue Ladder

## Miller Safety Straps

### NF SERIES SAFETY STRAPS

A 1-3/4-in. (44 mm) wide, 100% nylon safety strap offers a friction buckle to adjust the length of the strap quickly and easily.



SKU	Length
6NFLS/6FTYL	6-ft. (1.8 m)
7NFLS/7FTYL	7-ft. (2.1 m)

### YR SERIES SAFETY STRAPS

Strong safety strap, made of a six-ply neoprene, remains flexible in all types of weather conditions. Tongue buckle adjuster included for quick, safe adjustment.



SKU	Length
6YRLS/6FTBR	6-ft. (1.8 m)
7YRLS/7FTBR	7-ft. (2.1 m)

# Miller Revolution™ Arc-Rated Harnesses

## GUARDS AGAINST ARC-FLASH & ARC-BLAST EXPOSURE

New Miller Revolution Arc-Rated Harnesses are designed to protect workers from falls caused by electric arc-flash and arc-blast exposure when working at heights or in confined space applications near energized electrical sources.

**RATED TO 400 lbs.**  
(181.4kg)  
CAPACITY

Meets Stringem  
**ASTM F887-05**  
Arc-Flash Standards!



RKNARRL-QC/UBK

**Kevlar Web Loop Back Pad** allows for a “metal-less” connection when used with a Kevlar shock-absorbing lanyard with a choke-off loop.



**Bright Red Pad Stitching** for easy identification as an arc-rated product.

## Kevlar®/Nomex® Miller DualTech™ Webbing

Patent-pending 10,000 lb. tensile strength webbing is engineered with permanent fire retardant (FR) properties.

The webbing offers the durability and FR properties of Kevlar on the outer side, with softer FR Nomex on the inside of the webbing for greater comfort. The webbing assures arc protection and durability that eclipses any nylon webbing.

**Leather insulators under all metal hardware** offer additional protection for the worker.



## LEATHER UTILITY BAG

**Model RIA-T11/1**

Specialty tool bag features multiple compartments and durable, oil-tanned leather construction. Designed to attach directly to the Miller Revolution harness by simply snapping on or off.

SKU	Size	Leg Strap Buckles	Rescue Loops	Special Features
RKNAR-QC/UBK	Universal (L/XL)	Quick-Connect	No	Leather insulators / web back D-ring
RKNAR-TB/UBK	Universal (L/XL)	Tongue	No	Leather insulators / web back D-ring
RKNAR-QC-BDP/UBK	Universal (L/XL)	Quick-Connect	No	Leather insulators / web back D-ring / removable belt / side D-rings & pad
RKNAR-TB-BDP/UBK	Universal (L/XL)	Tongue	No	Leather insulators / web back D-ring / removable belt / side D-rings & pad
RKNARRL-QC/UBK	Universal (L/XL)	Quick-Connect	Yes	Leather insulators / web back D-ring
RKNARRL-TB/UBK	Universal (L/XL)	Tongue	Yes	Leather insulators / web back D-ring
RKNARRL-QC-BDP/UBK	Universal (L/XL)	Quick-Connect	Yes	Leather insulators / web back D-ring / removable belt / side D-rings & pad
RKNARRL-TB-BDP/UBK	Universal (L/XL)	Tongue	Yes	Leather insulators / web back D-ring / removable belt / side D-rings & pad

## Miller® Arc-Rated Shock-Absorbing Lanyards

- Meets stringent ASTM F887-05 arc-flash standards
- Designed to protect workers from electric arc-flash and arc-blast exposure
- Arc-rated Kevlar webbing in both single- and double-legged models
- Available with Kevlar choke-off loop for a “metal-less” connection



933K/6FTBK

SKU	Material	Style	Number of Legs	Harness Connection	Anchorage Connection	Standard Length*
913K/6FTBK	Kevlar webbing	Lanyard w/SofStop shock absorber	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
913KR/6FTBK	Kevlar webbing	Lanyard w/SofStop shock absorber	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
933K/6FTBK	Kevlar webbing	Lanyard w/SofStop shock absorber	One	Choke-off loop	Locking snap hook	6-ft. (1.8 m)
933KR/6FTBK	Kevlar webbing	Lanyard w/SofStop shock absorber	One	Choke-off loop	Locking rebar hook	6-ft. (1.8 m)
8798K/6FTBK	Kevlar webbing	Lanyard w/SofStop shock absorber	Two	Locking snap hook	Locking snap hooks	6-ft. (1.8 m)
8798KR/6FTBK	Kevlar webbing	Lanyard w/SofStop shock absorber	Two	Locking snap hook	Locking rebar hooks	6-ft. (1.8 m)
928KLS/18INBK	Kevlar webbing	SofStop shock absorber pack extension	One	Locking snap hook	D-Ring	18-ft. (5.5 m)

Meets all applicable OSHA, ANSI A10.32 and CSA Standards.

\*Available in lengths from 4-ft. (1.2 m) to 10-ft. (3 m). Note: Locking Snap Hook – 3/4-in. (19 mm) gate opening; Locking Rebar Hook – 2-1/2-in. (63 mm) gate opening.



## Miller® Arc-Rated Cross-Arm Anchorage Straps

Features Kevlar webbing with 2-in. (51 mm) D-ring and choke-off loop.

SKU	Material	Style	Length
8185K/3FTBK	Kevlar webbing	Cross-arm strap	3-ft. (1.0 m)
8185K/6FTBK	Kevlar webbing	Cross-arm strap	6-ft. (1.8 m)
8185K/10FTBK	Kevlar webbing	Cross-arm strap	10-ft. (3.0 m)

Available in lengths from 2-ft. (.6 m) to 10-ft. (3 m)

\*Kevlar and Nomex are registered trademarks of E.I. DuPont.

# Miller DuraFlex® Utility Harnesses

Miller DuraFlex Utility Harnesses are uniquely designed with minimal hardware above the waist to reduce electrical conductivity. In addition, all harness materials are independently thermal-arc tested to ensure superior performance.



## Feel the Difference!

Patented Miller DuraFlex Harnesses feature specially-formulated elastomer webbing that stretches to maximize comfort, improve safety and increase productivity.



E752/UGN

E753/UGN



### Web Loop Lanyard Attachment

- Reduces the chance of electric shock near high-voltage sources
- Minimizes harness weight for added comfort



### Chest Strap with Protective Pads

- Holds shoulder straps in place
- Pads keep chest strap in place and protect user from potential shock and injury



### Adjustable Belt Loops

- Allow for attachment of linemen's belts
- Adjustable to fit most manufacturer models



### Self-Rescue Positioning Loops

- For use with bucket escape systems
- Provides a positioning attachment point

SKU	Size	Back D-Ring	Front D-Ring	Side D-Rings	Chest Strap Buckle	Leg Strap Buckles	Sub-Pelvic Strap	Special Features
E752/UGN*	Universal (L/XL)	Web Loop	No	No	Mating	Mating	Yes	Chest strap adjustment / protective pads / adjustable belt loops
E753/UGN*	Universal (L/XL)	Web Loop	No	No	Mating	Mating	Yes	Chest strap adjustment / protective pads / adjustable belt loops / self-rescue positioning loops

\*In Canada, utility harnesses include a back D-ring extension in place of the web loop to meet CSA requirements.

# Miller Non-Stretch Utility Harnesses

## Web Loop Lanyard Attachment

- Reduces the chance of electric shock near high-voltage sources
- Minimizes harness weight for added comfort



753/UYK

SKU	Size	Back D-Ring	Front D-Ring	Side D-Rings	Chest Strap Buckle	Leg Strap Buckles	Sub-Pelvic Strap	Special Features
752/UYK	Universal (L/XL)	Web Loop	No	No	Mating	Mating	Yes	Adjustable belt loops
753/UYK	Universal (L/XL)	Web Loop	No	No	Mating	Mating	Yes	Rescue loops

# Miller Relief Step™ Safety Device

The Miller Relief Step Safety Device alleviates the effects of orthostatic intolerance, also known as suspension trauma.

- OSHA states that potentially fatal suspension trauma can occur within minutes while waiting for rescue after a fall
- Average fall rescue time is 15 minutes
- When used, the Relief Step Safety Device provides support and enhances blood circulation until rescue – permitting the ability to move and flex leg muscles
- Small and lightweight; the Relief Step Safety Device attaches to any brand full-body harness
- Utilizing two (2) Relief Steps (one for each leg/foot) assures greater comfort until rescue is completed
- Low profile design eliminates hindrances or hang-ups



SKU	Description
9099X/12	Consists of a box of 12 Relief Step Safety Devices
9099/36BULK	36 Relief Step Safety Devices in bulk quantity

# Miller Manyard® Shock-Absorbing Lanyards

- Specially-woven shock-absorbing inner core smoothly expands to reduce fall arrest forces
- After a fall occurs, a warning flag is released

SKU	Material	Number of Legs	Harness Connection	Anchorage Connection	Standard Length
<b>ANSI Z359</b>					
216TWLS-Z7/6FTGN	Green web	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
219TWRS-Z7/6FTGN	Green web	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
231TWRS-Z7/6FTGN	Green web	Two	Locking snap hook	Locking rebar hooks	6-ft. (1.8 m)
232TWLS-Z7/6FTGN	Green web	Two	Web choke-off loop	Locking snap hooks	6-ft. (1.8 m)
233TWLS-Z7/6FTGN	Green web	One	Web choke-off loop	Locking snap hook	6-ft. (1.8 m)
233TWRS-Z7/6FTGN	Green web	One	Web choke-off loop	Locking rebar hook	6-ft. (1.8 m)
<b>ANSI A10.32</b>					
216WLS/6FTYL	Yellow web	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
219WRS/6FTYL	Yellow web	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
231WRS/6FTYL	Yellow web	Two	Locking snap hook	Locking rebar hooks	6-ft. (1.8 m)
232WLS/6FTYL	Yellow web	Two	Web choke-off loop	Locking snap hooks	6-ft. (1.8 m)
233WLS/6FTYL	Yellow web	One	Web choke-off loop	Locking snap hook	6-ft. (1.8 m)
233WRS/6FTYL	Yellow web	One	Web choke-off loop	Locking rebar hook	6-ft. (1.8 m)

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.

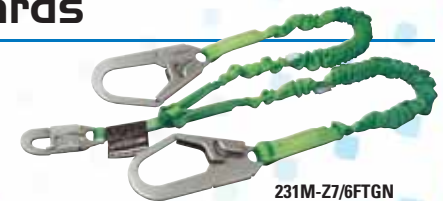


# Miller Manyard® II Shock-Absorbing Lanyards

- Contracts 6-ft. (1.8 m) to 4-ft. (1.2 m) to reduce tripping, snagging, or dragging
- Specially-woven shock-absorbing inner core smoothly expands to reduce fall arrest forces
- After a fall occurs, a warning flag is released

SKU	Material	Number of Legs	Harness Connection	Anchorage Connection	Standard Length
<b>ANSI Z359</b>					
216M-Z7/6FTGN	Webbing	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
219M-Z7/6FTGN	Webbing	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
231M-Z7/6FTGN	Webbing	Two	Locking snap hook	Two locking rebar hooks	6-ft. (1.8 m)
232M-Z7/6FTGN	Webbing	Two	Locking snap hook	Two locking snap hooks	6-ft. (1.8 m)
233MRS-Z7/6FTGN	Webbing	One	Web choke-off loop & "O" ring extension	Locking rebar hook	6-ft. (1.8 m)
<b>ANSI A10.32</b>					
216M/6FTGN	Webbing	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
219M/6FTGN	Webbing	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
231M/6FTGN	Webbing	Two	Locking snap hook	Two locking rebar hooks	6-ft. (1.8 m)
232M/6FTGN	Webbing	Two	Locking snap hook	Two locking snap hooks	6-ft. (1.8 m)
233MRS/6FTGN	Webbing	One	Web choke-off loop	Locking rebar hook	6-ft. (1.8 m)

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.



# Miller Lanyards with SofStop® Shock Absorber

The integral SofStop Shock Absorber is a specially designed shock-absorbing pack with a woven inner core that smoothly expands to reduce fall arrest forces. A heavy-duty back-up safety strap is incorporated for added safety protection.

## StretchStop® Lanyards w/SofStop Shock Absorber

The StretchStop Lanyard combines the integral SofStop shock absorber pack with a unique stretchable lanyard design. When contracted, the StretchStop Lanyard minimizes the chances of tripping.

SKU	Material	Number of Legs	Harness Connection	Anchorage Connection	Standard Length
<b>ANSI Z359</b>					
913SS-Z7/6FTGN	Webbing	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
8798SS-Z7/6FTGN	Webbing	Two	Locking snap hook	Locking snap hooks	6-ft. (1.8 m)
913RSS-Z7/6FTGN	Webbing	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
8798RSS-Z7/6FTGN	Webbing	Two	Locking snap hook	Locking rebar hooks	6-ft. (1.8 m)
<b>ANSI A10.32</b>					
913SS/6FTGN	Webbing	One	Locking snap hook	Locking snap hook	6-ft. (1.8 m)
8798SS/6FTGN	Webbing	Two	Locking snap hook	Locking snap hooks	6-ft. (1.8 m)
913RSS/6FTGN	Webbing	One	Locking snap hook	Locking rebar hook	6-ft. (1.8 m)
8798RSS/6FTGN	Webbing	Two	Locking snap hook	Locking rebar hooks	6-ft. (1.8 m)



913SS/6FTGN

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.

## Web Lanyards w/SofStop Shock Absorber

SKU	Material	Number of Legs	Harness Connection	Anchorage Connection	Special Feature	Standard Length
910WLS/6FTYL	Webbing	One	Locking snap hook	Locking snap hook	Adjustable	6-ft. (1.8 m)
913WLS/6FTYL	Webbing	One	Locking snap hook	Locking snap hook	–	6-ft. (1.8 m)
907LS/6FTYL	Wire Rope	One	Locking snap hook	Locking snap hook	–	6-ft. (1.8 m)



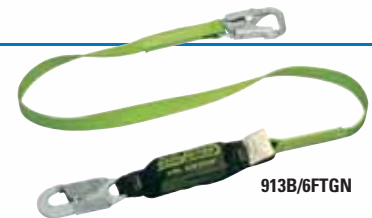
910WLS/6FTYL

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.

## Miller BackBiter® Tie-Back Lanyards

The innovative BackBiter Tie-Back Lanyard with the Miller 5K® Snap Hook was designed from top to bottom for tie-back use.

- First snap hook with a 5,000 lb. (22 kN) gate load capacity from any angle
- SofStop Shock Absorber pack is designed with a specially-woven inner core that smoothly expands to reduce fall arrest forces
- Heavy-duty polyester webbing with five times more abrasion resistance



913B/6FTGN

All-in-one lanyard with SofStop Shock Absorber and cross-arm anchorage connector

SKU	Material	Number of Legs	Harness Connection	Anchorage Connection	Standard Length
<b>ANSI Z359</b>					
913B/6FTGN	Webbing	One	Locking snap hook	Locking 5K snap hook	6-ft. (1.8 m)
8798B/6FTGN	Webbing	Two	Locking snap hook	Two locking 5K snap hooks	6-ft. (1.8 m)
<b>Canadian Standards Association (CSA)</b>					
913B/6FTGNC	Webbing	One	Locking snap hook	Locking 5K snap hook	6-ft. (1.8 m)
8798B/6FTGNC	Webbing	Two	Locking snap hook	Two locking 5K snap hooks	6-ft. (1.8 m)

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.



# New! Miller TurboLite™ Personal Fall Limiters



Never need a shock-absorbing lanyard again! The cost-effective and competitive pricing of the new Miller TurboLite Personal Fall Limiters will make shock-absorbing lanyards obsolete on the job site. Workers will no longer need to “switch-out” equipment to maintain a safe fall distance.

- Extremely **compact and lightweight** (1.9 lbs. [.86 kg]) provides 6-ft. (1.8 m) working capacity lifeline; unit attaches directly to the harness back D-ring for greater mobility and versatility
- Engineered webbing for greater abrasion resistance and long service life
- High-strength, impact-resistant nylon housing for maximum durability
- Built-in swivel prevents lifeline from twisting
- Rated for up to a 400 lb. (181.4 kg) user
- No annual factory recertification required

SKU	Description and Unit Connector	Lanyard End Connector
<b>ANSI Z359</b>		
MFL-1-Z7/6FT	TurboLite with steel twist-lock carabiner	Locking snap hook
MFL-2-Z7/6FT	TurboLite with steel twist-lock carabiner	Locking rebar hook
<b>ANSI A10.32</b>		
MFL-1/6FT	TurboLite with steel twist-lock carabiner	Locking snap hook
MFL-2/6FT	TurboLite with steel twist-lock carabiner	Locking rebar hook
MFL-11/6FT	TurboLite with aluminum twist-lock carabiner	Aluminum locking snap hook
MFL-12/6FT	TurboLite with aluminum twist-lock carabiner	Aluminum locking rebar hook

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening.  
Meets global standards for international companies; meets all applicable OSHA, ANSI A10.32 and ANSI Z359 and CSA Standards.

# New! Miller Twin Turbo™ Fall Protection System



The new patent-pending Miller Twin Turbo D-Ring Connector easily adapts two (2) lightweight Miller TurboLite™ Personal Fall Limiters (PFLs) for **continuous 100% tie-off fall protection**.

- Replacement for double-legged shock-absorbing lanyards
- Innovative design that easily connects to the back D-ring of any fall protection harness
- Permits TurboLite PFLs to swivel in multiple directions for greater mobility



SKU	Description and Unit Connector	Lanyard End Connector	Weight
MFLB/	Twin Turbo D-ring Connector	N/A	12.7 oz. (360 g)
<b>ANSI Z359</b>			
MFLB-3-Z7/6FT	Twin Turbo D-ring Connector & two (2) MFL-3-Z7/6FT TurboLite PFL's	Locking snap hooks	4.9 lbs. (.22 kg)
MFLB-4-Z7/6FT	Twin Turbo D-ring Connector & two (2) MFL-4-Z7/6FT TurboLite PFL's	Locking rebar hooks	6.7 lbs. (3.0 kg)
<b>ANSI A10.32</b>			
MFLB-3/6FT	Twin Turbo D-ring Connector & two (2) MFL-3/6FT TurboLite PFL's	Locking snap hooks	4.7 lbs. (.21 kg)
MFLB-4/6FT	Twin Turbo D-ring Connector & two (2) MFL-4/6FT TurboLite PFL's	Locking rebar hooks	6.1 lbs. (.28 kg)
MFLB-11/6FT	Twin Turbo D-ring Connector & two (2) MFL-11/6FT TurboLite PFL's	Aluminum locking snap hooks	4.2 lbs. (1.9 kg)
MFLB-12/6FT	Twin Turbo D-ring Connector & two (2) MFL-12/6FT TurboLite PFL's	Aluminum locking rebar hooks	5.6 lbs. (2.5 kg)

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening.  
Meets all applicable OSHA 1926.502, 1910.66; ANSI Z359 and A10.32; and CSA Z259.12-01 requirements.

# Miller Scorpion™ Personal Fall Limiters

- Greater versatility through dual operation:
  - attach directly to the harness D-ring for use as a personal fall limiter
  - or, use as a traditional retractable lifeline
- 9 ft. (2.7 m) of working capacity
- Small, lightweight design 2.9 lbs. (1.3 kg)
- No annual factory recertification required

An affordable alternative to shock-absorbing lanyards



PFL-4-Z7/9FT

SKU	Miller Scorpion Unit Connector	Lanyard End Connector
<b>ANSI Z359</b>		
PFL-4-Z7/9FT	Miller Scorpion w/carabiner & swivel shackle	Locking snap hook
PFL-6-Z7/9FT	Miller Scorpion w/rebar hook & swivel shackle	Locking snap hook
PFL-7-Z7/9FT	Miller Scorpion w/locking snap hook & swivel shackle	Locking snap hook
<b>ANSI A10.32</b>		
PFL-4/9FT	Miller Scorpion w/carabiner & swivel shackle	Locking snap hook
PFL-5/9FT	Miller Scorpion w/D-ring swivel hook	Locking snap hook
PFL-6/9FT	Miller Scorpion w/rebar hook & swivel shackle	Locking snap hook
PFL-7/9FT	Miller Scorpion w/locking snap hook & swivel shackle	Locking snap hook
PFL-11/9FT	Miller Scorpion w/locking snap hook & swivel shackle	Locking rebar hook

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.

# Miller MiniLite® Fall Limiters

The Miller MiniLite Fall Limiter is an 11-ft. (3.3 m) self-retracting web lanyard with a quick-activating braking system that limits free-falls. In contrast to shock-absorbing lanyards, a fall limiter eliminates the need for extended fall clearance distance, minimizing the risk of injuries and making rescue easier.

SKU	Description
<b>ANSI Z359</b>	
FL11-3-Z7/11FT	Miller MiniLite w/carabiner & swivel shackle
FL11-6-Z7/11FT	Miller MiniLite w/locking rebar hook & swivel shackle
FL11-8-Z7/11FT	Miller MiniLite w/locking snap hook & swivel shackle
<b>ANSI A10.32</b>	
FL11-3/11FT	Miller MiniLite w/carabiner & swivel shackle
FL11-6/11FT	Miller MiniLite w/locking rebar hook & swivel shackle
FL11-8/11FT	Miller MiniLite w/locking snap hook & swivel shackle

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Locking rebar hook – 2-1/2-in. (63 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.

Arrests Free-Falls within Inches



FL11-3-Z7/11FT



# Miller Falcon™ Self-Retracting Lifelines

Nearly indestructible, the high impact-resistant nylon housing withstands the harsh rigors of the toughest applications. The lightest, most rugged line of composite retractables are available in 16- (4.9 m), 20- (6 m), 30- (9 m), 50- (15 m) and 65-ft. (20 m) lengths.

- Corrosion-resistant stainless steel and aluminum internal components extend service life and reduce replacement costs
- Lightest composite unit on the market – easy to handle and transport to/from job sites
- Unique side payout design reduces wear on the entry guide bushing and cable for smooth operation with less drag
- Smooth, quiet operation; engineered spring retraction tension designed not to pull or drag on a worker to improve productivity and reduce fatigue
- Built-in, ergonomically-designed molded handle on the 50- (15 m) and 65-ft. (20 m) cable units provide support and leverage when attaching to anchorage connector. Easier to install.
- Dual swivels (unit top and snap hook) included on all cable models to minimize lifeline from twisting during use
- New and improved load indicator identifies when the unit needs to be removed from service\*  
\*Cable models – on snap hook, Web models – flag on webbing
- No annual factory recertification required\* – lowers cost of ownership and increases productivity  
\*Except in Canada where the Canadian Standards Association requires annual factory recertification.
- Cable models rated to 400 lbs. (181.4 kg) capacity when using a SofStop® shock absorber (928LS/18INBK)
- Web models rated for up to 400 lbs. (181.4 kg) worker



SKU	Description	Weight	Dimensions
<b>ANSI Z359</b>			
MP16P-Z7/16FT	16-ft. (4.9 m) web lifeline w/stainless steel swivel, carabiner & locking snap hook	4.1 lbs. (1.85 kg)	7.2-in. x 5.8-in. x 2.7-in. (183 mm x 147 mm x 69 mm)
MP20P-Z7/20FT	20-ft. (6 m) web lifeline w/stainless steel swivel, carabiner & locking snap hook	4.2 lbs. (1.90 kg)	7.2-in. x 5.8-in. x 2.7-in. (183 mm x 147 mm x 69 mm)
MP20G-Z7/20FT	20-ft. (6 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	8.9 lbs. (4.0 kg)	10-in. x 8.4-in. x 4-in. (254 mm x 213 mm x 102 mm)
MP30G-Z7/30FT	30-ft. (9 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	10.7 lbs. (4.9 kg)	10-in. x 8.4-in. x 4-in. (254 mm x 213 mm x 102 mm)
MP50G-Z7/50FT	50-ft. (15 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	14.8 lbs. (6.7 kg)	13.5-in. x 9.7-in. x 4-in. (343 mm x 246 mm x 102 mm)
MP65G-Z7/65FT	65-ft. (20 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	17.1 lbs. (7.8 kg)	13.5-in. x 9.7-in. x 4-in. (343 mm x 246 mm x 102 mm)
928LS-Z7/18INBK	SofStop shock absorber pack with locking snap hook & D-ring (400 lbs. [181 kg] working load when using Falcon SRL)	1.4 lbs. (.6 kg)	18-in. (457 mm)
<b>ANSI A10.32</b>			
MP16P/16FT	16-ft. (4.9 m) web lifeline w/stainless steel swivel, aluminum carabiner & locking snap hook	3.5 lbs. (1.59 kg)	7.2-in. x 5.8-in. x 2.7-in. (183 mm x 147 mm x 69 mm)
MP20P/20FT	20-ft. (6 m) web lifeline w/stainless steel swivel, aluminum carabiner & locking snap hook	3.6 lbs. (1.63 kg)	7.2-in. x 5.8-in. x 2.7-in. (183 mm x 147 mm x 69 mm)
MP20G/20FT	20-ft. (6 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	8.9 lbs. (4.0 kg)	10-in. x 8.4-in. x 4-in. (254 mm x 213 mm x 102 mm)
MP30G/30FT	30-ft. (9 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	10.7 lbs. (4.9 kg)	10-in. x 8.4-in. x 4-in. (254 mm x 213 mm x 102 mm)
MP50G/50FT	50-ft. (15 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	14.8 lbs. (6.7 kg)	13.5-in. x 9.7-in. x 4-in. (343 mm x 246 mm x 102 mm)
MP65G/65FT	65-ft. (20 m) galvanized wire rope (3/16-in. [5 mm]) w/tagline & carabiner	17.1 lbs. (7.8 kg)	13.5-in. x 9.7-in. x 4-in. (343 mm x 246 mm x 102 mm)
928LS/18INBK	SofStop shock absorber pack with locking snap hook & D-ring (400 lbs. [181 kg] working load when using Falcon SRL)	1.4 lbs. (.6 kg)	18-in. (457 mm)

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards.

# Miller Anchorage Connectors



## CROSS-ARM STRAP

**Model 8183/6FTGN**

6-ft. (1.8 m) web Cross-Arm Strap wraps around I-beams and other structures and attaches with a 2-in. (51 mm) D-ring that slips through a 3-in. (76 mm) D-ring to form a secure attachment point for lanyards and other connecting devices. 400 lbs. (181.4 kg) maximum capacity.



## REBAR HOOK ANCHOR

**Model 480/19INGN**

Designed to facilitate anchoring to scaffolding, pipe or angle iron, and features a locking rebar hook for easy, one-hand installation and a D-ring on the other end to accommodate the connecting device. 400 lbs. (181.4 kg) maximum capacity.

ANSI Z359	Model 480-Z7/19INGN
ANSI A10.32	Model 480/19INGN



## WIRE HOOK

**Model 470**

Stainless steel Wire Hook connects to various approved anchorages including railings, small I-beams, angle iron and scaffolding. Simply squeeze the spring-loaded hook and slip the large opening over the approved structure. 400 lbs. (181.4 kg) maximum capacity.



## BEAM CLAMPS

The Beam Clamp is a steel anchor point that can be attached to horizontal I-beams, S-beams or W-beams. Its swivel attachment ring prevents twisting of the worker's connecting device.

**Model 450** accommodates beams with a maximum width of 9 in. (229 mm).

**Model 455** accommodates beams with a maximum width of 12-1/2 in. (318 mm).

400 lbs. (181.4 kg) maximum capacity.



## BEAM TROLLEY

The Beam Trolley is adjustable and slides along with the worker to provide maximum mobility.

**Model 9065** adjusts to fit beam flanges from 3-in. (76 mm) to 4-1/2-in. (114 mm) wide.

*Lightweight Beam Trolley Retrofit Kits:*

**Model 9065-1** Kit converts 9065 beam trolley to accommodate I-beams up to 8-1/2-in. (216 mm) wide.

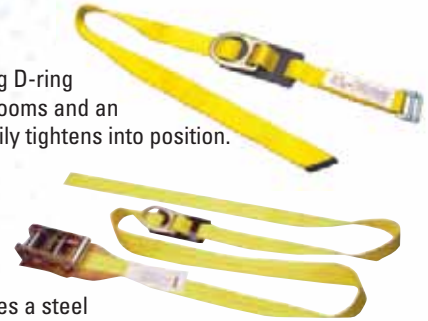
**Model 9065-2** Kit converts 9065 beam trolley to accommodate I-beams up to 12-in. (305 mm) wide.

400 lbs. (181.4 kg) maximum capacity.

## AERIAL LIFT BOOM STRAP

**Model 6404/50INYL**

Made of 2-in. (51 mm) nylon webbing. Includes a sliding D-ring for proper placement on booms and an adjustable buckle that easily tightens into position.



## BOOM STRAP

**Model M10FD/10FTYL**

Made of 2-in. (51 mm) polyester webbing. Features a steel ratchet buckle with a leather wear pad.



## EXTENSION POLE & HOOK

**Model 475**

The 20-ft. (6 m) fiberglass pole and spring-loaded hook is ideal for climbing ladders and towers. Installs fall arrest systems up to 20-ft. (6 m) from ground level to angle iron, piping and related structures. 400 lbs. (181.4 kg) maximum capacity.



## D-BOLT ANCHORS

**Model 415**

1/2-in. (13 mm) diameter D-bolt; 1-1/4-in. (32 mm) long; one-piece unit with lockwasher and nut.



**Model 416**

D-Bolt Anchor for up to 4-in. (102 mm) working thickness includes a 5/8-in. (16 mm) diameter bolt with lockwasher and nut.

**Model 417** – D-Bolt Anchor without hardware (sold separately).



## CARABINERS – 400 lbs. maximum capacity

**Model 17D-1**

Steel twist-lock carabiner; 1-in. (25 mm) gate opening. Meets ANSI Z359



**Model 18D-1**

Large, steel twist-lock carabiner; 2-in. (51 mm) gate opening. Meets ANSI Z359



**Model 17D-2**

Lightweight, aluminum twist-lock carabiner; 1-in. (25 mm) gate opening. Meets ANSI A10.32

**Model 17D-3** – Same as 17D-2 with triple-action feature.



**Model 18D-2**

Large, aluminum twist-lock carabiner; 2-1/4-in. (57 mm) gate opening. Meets ANSI A10.32

# Miller Shadow® Beam Anchors

Miller Shadow Beam Anchors connect horizontally to a wide range of I- and H-beam flanges from 3-in. (76 mm) to 24-in. (610 mm) wide and up to 2-1/2-in. (64 mm) thick. Once attached, the units (models 8814 and 8816) slide along the beam with the worker to provide increased safety, mobility and productivity.

The fixed unit (model 8815) is designed to be tightened horizontally or vertically, firmly gripping the beam or column to provide a temporary or permanent anchorage attachment.



SKU	Description	Fits Flange Size
8816-14	Lightweight, adjustable Miller Shadow Beam Anchor – high-strength aluminum & bronze; 4.2 lbs. (2 kg)	3-in. to 14-in. (76 mm to 356 mm)
8814-12	Lightweight, adjustable Miller Shadow Beam Anchor – stainless steel & high-strength aluminum	4-in. to 12-in. (102 mm to 305 mm)
8814-24	Lightweight, adjustable Miller Shadow Beam Anchor – stainless steel & high-strength aluminum	12-in. to 24-in. (305 mm to 610 mm)
8815-12	Lightweight, fixed Miller Shadow Beam Anchor – stainless steel & high-strength aluminum	4-in. to 12-in. (102 mm to 305 mm)
8815-24	Lightweight, fixed Miller Shadow Beam Anchor – stainless steel & high-strength aluminum	12-in. to 24-in. (305 mm to 610 mm)

Meets all applicable OSHA, ANSI and CSA Standards.

# Miller Grip™ Anchorage Connectors

A safe anchor connection is established when the Miller Grip anchor is inserted into a properly-sized, cured concrete hole. The reusable Miller Grip anchor can be removed and simply re-installed in a new location. Constructed of stainless steel, aluminum and other non-corrosive materials for a longer service life. Designed for use in cured concrete with a minimum compression strength of 3,000 psi.



SKU	Hole Diameter	Description
496	3/4-in. (19 mm)	5,000 lb. (2,268 kg) ultimate strength; for single user connection; 400 lbs. (181.4 kg) maximum capacity
497	1-in. (25 mm)	10,000 lb. (4,536 kg) ultimate strength; for single user connection; for use with SkyGrip horizontal lifeline components; 400 lbs. (181.4 kg) maximum capacity

Meets all applicable OSHA, ANSI and CSA Standards.

# Miller SkyGrip™ Temporary Horizontal Lifeline Kits

A Miller SkyGrip Wire Rope Lifeline may be used in conjunction with approved Miller brand anchorage connectors to provide a temporary horizontal lifeline system that is quick and easy to install.

- Miller D-Bolt Anchors may be installed to approved structures to provide a temporary or permanent anchorage
- Miller Grip Anchors may be used in concrete substrate or mining friction bolts to provide secure points of attachment
- Miller Cross-Arm Straps conveniently wrap around I-beams and other structures to form secure points of attachment
- Miller Fixed Beam Anchors connect both horizontally and vertically to beams or columns. A durable, spring-loaded, positive-lock engagement pin ensures proper installation.

SKU	Kit Description
SG416/60FT	60-ft. (18.3 m) SkyGrip wire rope lifeline & two D-bolt anchors (Model 416); includes 5/8-in. (16 mm) diameter bolt with lock washer & nut for up to 4-in. (102 mm) working thickness
SG417/60FT	60-ft. (18.3 m) SkyGrip wire rope lifeline & two D-bolt anchors (Model 417); bolt not included
SG494/60FT	60-ft. (18.3 m) SkyGrip wire rope lifeline & two Miller Grip anchorage connectors (Model 494) to accommodate two friction bolts with outside diameters of 1.5 in. (38 mm)
SG8183-10/60FT	60-ft. (18.3 m) SkyGrip wire rope lifeline & two 10-ft. (3 m) cross-arm straps (Model 8183/10FTGN)
SG8815-12/60FT	60-ft. (18.3 m) SkyGrip wire rope lifeline & two fixed beam anchors (Model 8815-12); fits beam flanges 4-in. (102 mm) to 12-in. (305 mm) wide up to 1.5-in. (38 mm) thick
SG8815-24/60FT	60-ft. (18.3 m) SkyGrip wire rope lifeline & two fixed beam anchors (Model 8815-24); fits beam flanges 12-in. (305 mm) to 24-in. (610 mm) wide up to 2.5-in. (64 mm) thick

Note: SkyGrip Wire Rope Lifeline Kits include an energy absorber, combo-clamp-thimble, turnbuckle cable, wire rope clip and two anchorage connectors.

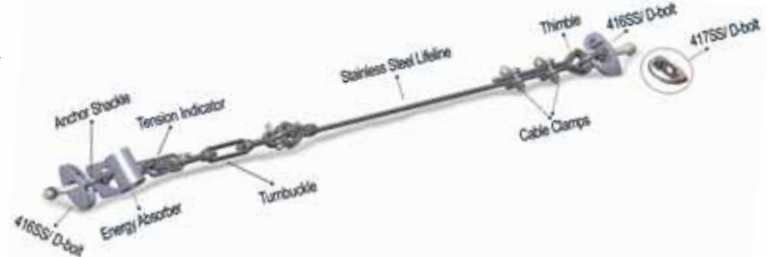
## Typical Installations:



# Miller SkyGrip™ Permanent HLL System Kits in Stainless Steel

The new Miller SkyGrip Stainless Steel Permanent Horizontal Lifeline System Kits are designed for quick, easy installation in corrosive environments. A variety of innovative features have been engineered into these new systems, making them extremely user friendly with enhanced safety considerations.

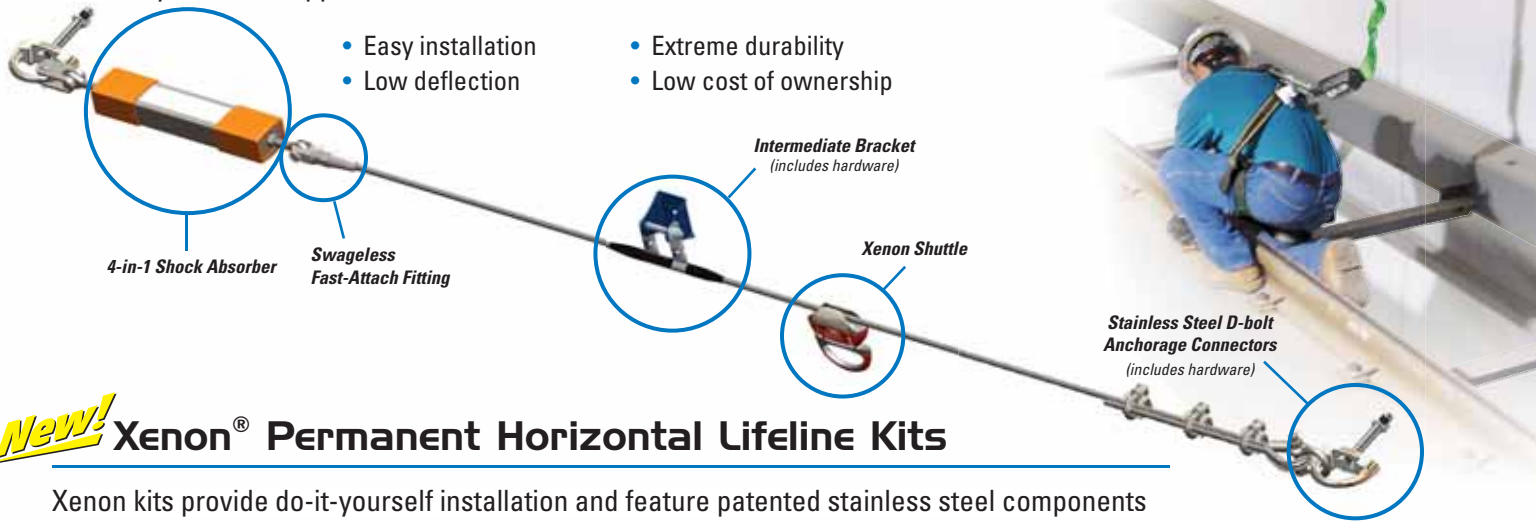
- 100% stainless steel construction – corrosion resistant stainless steel components for a longer service life.
- Ideal for corrosive environments – designed for petrochemical, pharmaceutical, food processing, outdoor and off-shore applications.
- Engineered and safety tested by experts in the industry that understand fall forces and system design.
- Compact and lightweight – provides for easier handling and installation.
- Single-span systems – spans adjust up to 60 ft. (18.3 m) and accommodate up to two workers.
- Stainless steel tension indicator – proper tensioning of system ensures accurate fall clearance requirements.
- Compact, stainless steel Miller SkyGrip energy absorber – engineered to keep system forces consistently low during a fall and minimizes fall clearance.



SKU	Description
SG416-FS/60FT	60-ft. (18.3 m) stainless steel horizontal lifeline kit (SGLLK-FS/60FT) w/two 416SS/ D-bolt anchors
SG417-FS/60FT	60-ft. (18.3 m) stainless steel horizontal lifeline kit (SGLLK-FS/60FT) w/two 417SS/ D-bolt anchors
SGLLK-FS/30FT	30-ft. (9 m) stainless steel lifeline w/four stainless steel anchor shackles, turnbuckle, cable clamps, tension indicator, thimble & energy absorber
SGLLK-FS/60FT	60-ft. (18.3 m) stainless steel lifeline w/four stainless steel anchor shackles, turnbuckle, cable clamps, tension indicator, thimble & energy absorber
SGXK-FS	SkyGrip stainless steel energy absorber kit w/stainless steel tension indicator, two stainless steel anchor shackles & stainless steel hardware
416SS/	Stainless steel D-bolt anchor, 5/8-in. (16 mm) hole for hardware, 5/8-in. (16 mm) dia. x 5-in. (127 mm) long stainless steel bolt w/nut & washer
417SS/	Stainless steel D-bolt anchor, 5/8-in. (16 mm) hole for hardware, does not include hardware

# Xenon® Permanent Horizontal Lifeline Systems

Xenon Permanent Horizontal Lifeline Systems provide automatic pass-through fall protection for multiple workers that ultimately increases worker mobility, safety and productivity. For use along crane rail runways, loading bays/docks, machinery, conveyors, rooftops, inside sports arenas, pipe racks, bridges and many industrial applications.



## New! Xenon® Permanent Horizontal Lifeline Kits







Xenon kits provide do-it-yourself installation and feature patented stainless steel components that are easy-to-use and require minimal maintenance.

Xenon stainless steel system kits are designed for up to two\* workers. Kits include Xenon 4-in-1 shock absorber, intermediate bracket(s) (see chart), two stainless steel D-bolt anchorage connectors, swageless fast-attach fitting, anchor shackle, thimble, cable clips, hardware and instruction manual. Xenon shuttles are sold separately.

SKU	System Length	Number of Intermediate Brackets	SKU	System Length	Number of Intermediate Brackets
X00030	30-ft. (9.1 m)	0	X00300	300-ft. (91.4 m)	9
X00060	60-ft. (18.3 m)	1	X00330	330-ft. (100.6 m)	10
X00090	90-ft. (27.4 m)	2	X00360	360-ft. (109.7 m)	11
X00120	120-ft. (36.6 m)	3	X00390	390-ft. (118.9 m)	12
X00150	150-ft. (45.7 m)	4	X00420	420-ft. (128.0 m)	13
X00180	180-ft. (54.9 m)	5	X00450	450-ft. (137.2 m)	14
X00210	210-ft. (64.0 m)	6	X00480	480-ft. (146.3 m)	15
X00240	240-ft. (73.2 m)	7	X00510	510-ft. (155.4 m)	16
X00270	270-ft. (82.3 m)	8			

\* Systems can accommodate up to four workers by adding a second Xenon shock absorber (Model 1014934).

## Xenon® Components

SKU	Description	SKU	Description
1005709	<b>Xenon Shuttle</b> <ul style="list-style-type: none"> <li>Self-aligns for smooth automatic pass-through of intermediate brackets</li> <li>Dual-locking mechanism for added safety</li> </ul> 	1013720	<b>Fast-Attach Fitting</b> <ul style="list-style-type: none"> <li>Provides for easy installation of cable</li> <li>Requires no specialty swaging tools</li> </ul> 
1010609	<b>Universal Intermediate Bracket</b> <ul style="list-style-type: none"> <li>Automatic pass-through bracket allows easy passage of Xenon shuttle for 100% connection to the system</li> <li>Can be configured as free floating or locked</li> <li>Brackets can be attached to a fitted cable to allow for easy replacement</li> </ul> 	416SS/	<b>Stainless Steel D-bolt Anchorage Connector</b> <ul style="list-style-type: none"> <li>Features 5/8-in. (16 mm) hole for hardware</li> <li>Can be mounted on a vertical surface or overhead for added versatility</li> <li>Includes 5/8-in. (16 mm) diameter x 5-in. (127 mm) long stainless steel bolt w/nut and washer</li> </ul> 
1014934	<b>Xenon 4-in-1 Shock Absorber</b> <ul style="list-style-type: none"> <li>Provides four functions in one unit!                             <ul style="list-style-type: none"> <li>Absorbs energy to reduce system forces</li> <li>Includes a turnbuckle mechanism for easy tensioning</li> <li>Features a tension indicator to show when properly tensioned</li> <li>Incorporates a fall indicator to show someone has fallen into the system</li> </ul> </li> <li>Compact design allows for immediate connection for added worker safety</li> </ul> 	417SS/	<b>Stainless Steel D-bolt Anchorage Connector</b> <ul style="list-style-type: none"> <li>Features 5/8-in. (16 mm) hole for hardware</li> <li>Can be mounted on a vertical surface or overhead for added versatility</li> </ul> 

# Vi-Go™ Ladder Climbing Safety Systems

New Vi-Go Ladder Climbing Safety Systems provide the ultimate in safety with continuous fall protection when climbing fixed ladders. Systems are available in easy-to-install kits or as a *build your own* option – for details contact Miller Technical Service at 800/873-5242.

## Vi-Go Ladder Climbing Safety Systems offer many unique advantages:

- Lower cost of ownership – do-it-yourself kits for easy installation and inspection. No costly, annual manufacturer inspections often required by other systems
- Option to cut cable lengths on site for greater versatility
- Accommodate up to four (4) workers at a time – increasing productivity
- Select *Automatic* or *Manual* Personal Fall Arrester Cable Sleeves – both cable sleeves are designed to follow the user along the lifeline while ascending or descending, instantly locking in the event of a fall

## Vi-Go Continuous Ladder Climbing Safety Systems with Automatic Pass-Through

- **Uninterrupted fall protection** – Uniquely-designed, patent-pending Vi-Go Cable Sleeve automatically bypasses intermediate cable guides, keeping both hands free for climbing; travels smoothly along cable and locks instantly in the event of a fall
- **Easy, one-hand operation** for attachment/detachment from the system. No pins/chains or external parts to lose or damage.
- **Automatic pass-through** cable guides secure lifeline to prevent cable wear and enable the system to accommodate curves
- **Attachment mechanism** engineered to prevent incorrect installation, ensuring greater safety. Unit will not open if attached incorrectly.
- **Cable sleeve integrated shock-absorbing element** reduces forces and indicates when a fall has occurred
- **Accommodate 5/16-in. (8 mm) or 3/8-in. (10 mm) cable**



Deployed  
Integrated stainless steel shock-absorbing element



Easy, one-hand attachment



Design prevents upside-down installation (channel will not open)



Vi-Go Automatic Pass-Through Cable Sleeve



Automatic Pass-Through Cable Guide

### Automatic Pass-Through Cable Guides

Vi-Go automatic pass-through cable sleeve glides easily through intermediate cable guides uninterrupted. Hands and feet are free for climbing.



## Vi-Go Ladder Climbing Safety Systems with Manual Pass-Through

- **Requires manual removal/insertion** of cable with intermediate guides
- **Cable guides secure lifeline** to prevent cable wear
- **Manual Vi-Go Cable Sleeve follows the worker** while ascending and descending
- **Cable sleeve locks instantly** in the event of a fall
- **Accommodate 3/8-inch (10 mm) cable**



Manual Vi-Go Cable Sleeve with Carabiner



Manual Pass-Through Cable Guide



## Vi-Go Continuous Ladder Climbing Safety System Kits with Automatic Pass-Through

Kits include a top bracket assembly with shock absorber, a bottom bracket assembly with lifeline tensioner, 3/8-in. (10 mm) galvanized steel cable lifeline, all necessary hardware, automatic pass-through intermediate cable guides (when applicable) and instruction manual.



SKU	Length of System	Number of Cable Guides
VG/30FT	30-ft. (9.1 m)	0
VG/40FT	40-ft. (12.2 m)	0
VG/50FT	50-ft. (15.2 m)	1
VG/60FT	60-ft. (18.3 m)	1
VG/70FT	70-ft. (21.3 m)	1
VG/80FT	80-ft. (24.4 m)	1

SKU	Length of System	Number of Cable Guides
VG/90FT	90-ft. (27.4 m)	2
VG/100FT	100-ft. (30.5 m)	2
VG/110FT	110-ft. (33.5 m)	2
VG/120FT	120-ft. (36.6 m)	2
VG/130FT	130-ft. (39.6 m)	3
VG/140FT	140-ft. (42.7 m)	3



### Vi-Go Automatic Pass-Through Cable Sleeve\* Sold Separately

SKU	Description
VGCS	Automatic Pass-Through Cable Sleeve
VGCS-C	Automatic Pass-Through Cable Sleeve with carabiner
VGCS-SC	Automatic Pass-Through Cable Sleeve with integral swivel & carabiner

VGCS-SC

Other system kits are available in 10-ft. (3.0 m) increments up to 300 ft. (91.4 m), and then 50-ft. (15.2 m) increments up to 500 ft. (152.4 m) (e.g. To place an order for a Vi-Go system kit with 250-ft. (76.2 m) length cable, the model number is VG/250FT)

**\*NOTE:** The Vi-Go Automatic Pass-Through Cable Sleeve can ALSO be used with the manual system.

## Vi-Go Ladder Climbing Safety System Kits with Manual Pass-Through

Kits include a top bracket assembly with shock absorber, a bottom bracket assembly with lifeline tensioner, 3/8-in. (10 mm) galvanized steel cable lifeline, all necessary hardware, manual pass-through intermediate cable guides and instruction manual.



SKU	Length of System	Number of Cable Guides
TRS/50FT	50-ft. (15.2 m)	1
TRS/60FT	60-ft. (18.3 m)	1
TRS/70FT	70-ft. (21.3 m)	1
TRS/80FT	80-ft. (24.4 m)	1
TRS/90FT	90-ft. (27.4 m)	2

SKU	Length of System	Number of Cable Guides
TRS/100FT	100-ft. (30.5 m)	2
TRS/110FT	110-ft. (33.5 m)	2
TRS/120FT	120-ft. (36.6 m)	2
TRS/130FT	130-ft. (39.6 m)	3
TRS/140FT	140-ft. (42.7 m)	3



### Vi-Go Manual Pass-Through Cable Sleeve\* Sold Separately

SKU	Description
TRCS	Manual Pass-Through Cable Sleeve
TRCS-C	Manual Pass-Through Cable Sleeve with carabiner
TRCS-SC	Manual Pass-Through Cable Sleeve with integral swivel and carabiner

TRCS-C

Other system kits are available in 10-ft. (3.0 m) increments up to 300 ft. (91.4 m), and then 50-ft. (15.2 m) increments up to 500 ft. (152.4 m) (e.g. To place an order for a Vi-Go system kit with 250-ft. (76.2 m) length cable, the model number is TRS/250FT)

**\*NOTE:** The Vi-Go Manual Pass-Through Cable Sleeve can ONLY be used with the manual system or systems without cable guides.

# GlideLoc® Vertical Height Access Ladder Systems

New GlideLoc Vertical Height Access Ladder Systems provide an innovative solution for vertical climbing that is easy-to-use, requires minimal maintenance and provides superior safety. The easy-climb GlideLoc Systems offer *hands-free* safety at height that ultimately increases worker mobility, safety and productivity.

Systems are available in easy-to-install kits or can be customized for your application with additional available components, including:

- Brackets for larger ladder rungs
- Brackets to attach to ladder side rails
- Foldable foot rests for long ladders
- Shaft entry device to provide easy access to manholes and roof hatches



Integrated Shock-Absorbing Element



## GlideLoc® Fall Arresters

All GlideLoc Fall Arresters lock immediately into the rail in the event of a fall. All models offer:

- **Smooth, quiet trailing action along the rail** – provides an easier, more comfortable climb
- **Automatic design** – keeps both hands free for climbing
- **Stainless steel catch clamp** – locks into the rail in the event of a fall
- **Integrated shock-absorbing mechanism** – reduces force on the worker and system in the event of a fall
- **Fall indicator** – alerts user to know when to remove the product from service
- **Integrated swivel, auto-locking carabiner connection** – aids in trailing alignment and meets allowable attachment length
- **Design prevents up-side-down installation** – increases worker safety by ensuring proper attachment
- **No requirement to lean back while climbing** – reduces fatigue; ideal for ladder cages and confined spaces
- **Ergonomically designed for easy one-hand installation** – increases productivity

Attaches at top or bottom of rail



### Comfort GlideLoc Fall Arrester

- Offers all of the features listed above
- Smooth, quiet trailing action along the rail is delivered by 10 glide rollers – provides an easier, more comfortable climb
- Outside roller guides are protected by a flexible rubber ring – provides for a longer service life
- Constructed of stainless steel and aluminum – holds up well in corrosive environments

Attaches anywhere on rail



### Universal II GlideLoc Fall Arrester

- Designed to be installed and removed from the rail anywhere along the system – enables transfer onto platforms and entry onto systems where ladder is submerged in snow
- Click-lock function – ensures proper installation
- No intermediate entry/exit gates are required
- Body is constructed of stainless steel – holds up well in corrosive environments

Specially-designed for highly corrosive environments



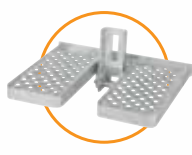
### Comfort II GlideLoc Fall Arrester

- Applications which require stainless steel components with access to the ladder for entry/exit at the top or bottom of the rail
- Ideal for oil exploration, petrochemical, food processing, pharmaceutical, water supply, waste water, mining and coastal applications

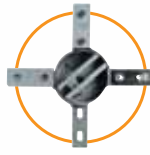
## Innovative System Designs



1 Rotary Exit



2 Foldable Foot Rests



3 Turntable



4 Exit Section

*GlideLoc offers a full range of system components designed to meet the needs of complex applications. Contact Miller Engineered Solutions at 800/325-6746*

## GlideLoc® Vertical Height Access Ladder System Kits

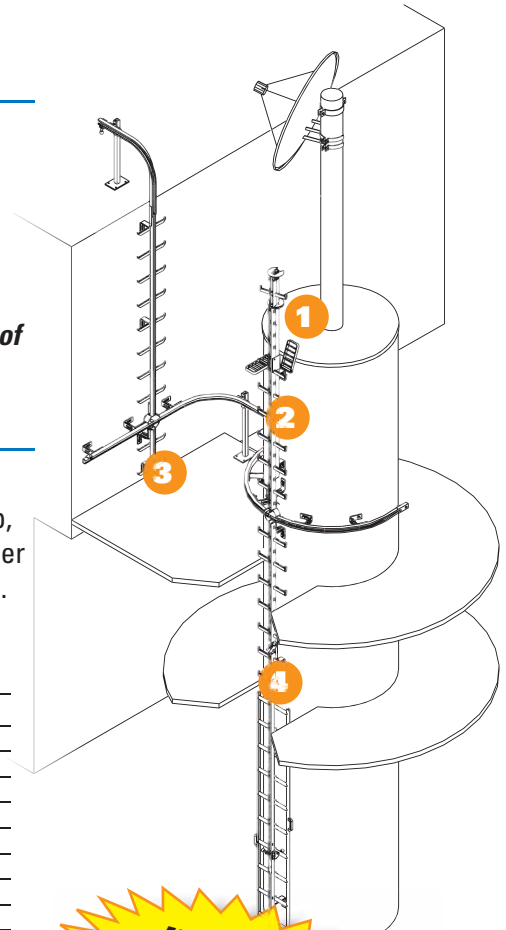
Kits are available in aluminum, galvanized or stainless steel construction.

Kits come complete with GlideLoc rail, gated top end-stop, gated bottom end-stop, ladder attachment brackets, and hardware. Systems accommodate one worker per section of rail. Kits are available in galvanized steel, aluminum and stainless steel.

GlideLoc fall arresters are sold separately.

SKU Galvanized	SKU Aluminum	SKU Stainless Steel	System Length	Section of 10-ft. (3.0 m) Rail	Number of Ladder Attachment Brackets
GG0020	GA0020	GS0020	20-ft. (6.1 m)	2	4
GG0030	GA0030	GS0030	30-ft. (9.1 m)	3	6
GG0040	GA0040	GS0040	40-ft. (12.2 m)	4	7
GG0050	GA0050	GS0050	50-ft. (15.2 m)	5	9
GG0060	GA0060	GS0060	60-ft. (18.3 m)	6	10
GG0070	GA0070	GS0070	70-ft. (21.3 m)	7	11
GG0080	GA0080	GS0080	80-ft. (24.4 m)	8	13
GG0090	GA0090	GS0090	90-ft. (27.4 m)	9	14
GG0100	GA0100	GS0100	100-ft. (30.5 m)	10	16
GG0110	GA0110	GS0110	110-ft. (33.5 m)	11	17
GG0120	GA0120	GS0120	120-ft. (36.6 m)	12	19
GG0130	GA0130	GS0130	130-ft. (39.6 m)	13	20
GG0140	GA0140	GS0140	140-ft. (42.7 m)	14	21
GG0150	GA0150	GS0150	150-ft. (45.7 m)	15	23
GG0160	GA0160	GS0160	160-ft. (48.8 m)	16	24
GG0170	GA0170	GS0170	170-ft. (51.8 m)	17	26
GG0180	GA0180	GS0180	180-ft. (54.9 m)	18	27
GG0190	GA0190	GS0190	190-ft. (57.9 m)	19	29
GG0200	GA0200	GS0200	200-ft. (61.0 m)	20	30

\*For longer systems, contact Miller Technical Service at 800/873-5242.



**KITS WITH  
LONGER LENGTHS  
AVAILABLE\***

## GlideLoc® Components

SKU	Description
22697	<b>Comfort GlideLoc Fall Arrester</b> – locks into the rail in the event of a fall. Stainless steel & aluminum construction.
25805	<b>Universal II GlideLoc Fall Arrester</b> – can be removed from the rail anywhere along the system enabling transfer onto platforms. Stainless steel & aluminum construction.
23331	<b>Comfort II GlideLoc Fall Arrester</b> – locks into the rail in the event of a fall. Stainless steel construction.
15729	<b>Aluminum Vertical Rail</b> – length of 10-ft. 1-in. (3.07 m)
14622	<b>Galvanized Vertical Rail</b> – length of 10-ft. 1-in. (3.07 m)
16852	<b>Stainless Steel Vertical Rail</b> – length of 10-ft. 1-in. (3.07 m)
21050	<b>Gated Top End-Stop</b> – for use with vertical rail. Allows for entering and exiting the system with GlideLoc fall arresters. Stainless steel construction.
21049	<b>Gated Bottom End-Stop</b> – for use with vertical rail. Allows for entering and exiting the system with GlideLoc fall arresters. Stainless steel construction.
11634	<b>Rigid End-Stop</b> – for use with vertical rail, prevents GlideLoc fall arresters from being removed from rail. Stainless steel construction.

SKU	Description
10903	<b>Rung Clamp</b> for diameters up to 1-in. (25.4 mm), galvanized
14804	<b>Rung Clamp</b> for diameters 1-in. (25.4 mm) to 1-1/4-in. (31.8 mm), galvanized
14805	<b>Rung Clamp</b> for diameters 1-1/4-in. (31.8 mm) to 1-3/4-in. (44.5 mm), galvanized
14809	<b>Rung Clamp</b> for diameters up to 1-in. (25.4 mm), stainless steel
14813	<b>Rung Clamp</b> for diameters 1-in. (25.4 mm) to 1-1/4-in. (31.8 mm), stainless steel
14814	<b>Rung Clamp</b> for diameters 1-1/4-in. (31.8 mm) to 1-3/4-in. (44.5 mm), stainless steel
19091	<b>Side Mount Clamp</b> – enables mounting rail along the side of ladder. Galvanized steel construction.
17065	<b>Shaft Entering Device</b> – allows safe entry of a shaft such as a manhole. The prongs slip into coupling device (model 16191). Stainless steel construction.
16191	<b>Shaft Entering Device Coupling</b> – is attached to the top of GlideLoc rail to allow use of shaft entering devices (model 17065). Stainless steel construction.
23724	<b>Foldable Foot Rest</b> – provides a rest platform that conveniently folds out of the way when not in use. Galvanized steel construction.

# Miller DuraHoist™ Portable Confined Space Systems

Miller DuraHoist Portable Confined Space Systems provide safe, lightweight and portable solutions for a variety of confined space applications, including confined space entry, rescue, positioning and personnel/material handling.



- Lightweight, high-strength aluminum construction for easy handling and long service life
- No tools required for assembly
- Modular design allows the use of components in various configurations and applications, lowering cost of ownership and providing effective safety solutions
- A variety of portable and fixed bases are available for many confined space applications

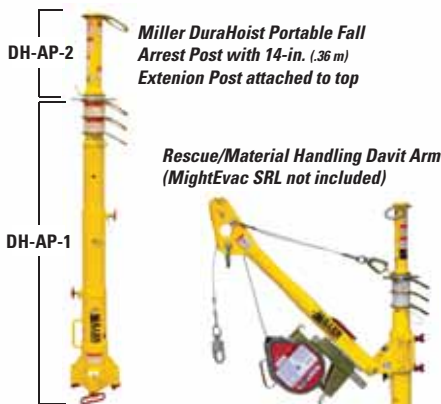
SKU	Description	Weight
<b>Miller DuraHoist Portable Confined Space Systems</b>		
DH-1/	Four-piece system with ManHandler Hoist/Winch w/65-ft. (20 m) of 3/16-in. (4.76 mm) galvanized steel cable	133.5 lbs. (60.6 kg)
DH-2/	Four-piece system without ManHandler Hoist/Winch	91 lbs. (41.3 kg)
DH-3/	One-piece Adjustable Mast	29 lbs. (13.2 kg)
DH-4/	Three-piece Portable Base, lightweight, powder-coated aluminum	61 lbs. (27.7 kg)
DH-19-MILLER	Complete Assembly of Bracket (DH-19) and Bracket (DH-AB-Miller) for mounting ManHandler Hoist/Winch or Miller MightEvac SRL	3.1 lbs. (1.4 kg)
<b>Miller DuraHoist Portable Confined Space Systems Accessories</b>		
DH-4WK/	Miller Wheel Kit (two wheels) for Miller DuraHoist Three-piece Base (DH-4/)	30 lbs. (13.6 kg)
DH-18/	Miller Equipment Cart for Miller DuraHoist Four-piece Hoist System (DH-1/, DH-2/)	40 lbs. (18.1 kg)
<b>Portable &amp; Fixed Bases</b>		
DH-5/	Barrel Mount Sleeve with 3.5-in. (.09 m) opening, zinc-plated, mild steel	36 lbs. (16.3 kg)
DH-6/	Adjustable Barrel Mount Sleeve, anodized welded aluminum w/zinc-plated steel hardware	56 lbs. (25.4 kg)
DH-7ZP/	Floor mount sleeve, zinc-plated, mild steel	13 lbs. (5.9 kg)
DH-7SS/	Floor Mount Sleeve, 304 stainless steel	13.5 lbs. (6.1 kg)
DH-8ZP/	Wall Mount Sleeve, zinc-plated, mild steel	12 lbs. (5.4 kg)
DH-8SS/	Wall Mount Sleeve, 304 stainless steel	13 lbs. (5.9 kg)
DH-9ZP/	Core Mount Sleeve, zinc-plated, mild steel	8 lbs. (3.6 kg)
DH-9SS/	Core Mount Sleeve, 304 stainless steel	8 lbs. (3.6 kg)
DH-10ZP/	Sleeve Cap – keeps dirt & debris from getting into the opening of various sleeve mounts, zinc-plated, mild steel	1.2 lbs. (.5 kg)
DH-10SS/	Sleeve Cap – keeps dirt & debris from getting into the opening of various sleeve mounts, 304 stainless steel	.8 lbs. (.4 kg)
DH-11/17.5	17.5-in. (.44 m) Manhole Collar for use w/18-in. to 20-in. (.46 m to .51 m) dia. manways, lightweight, powder-coated aluminum	26 lbs. (11.8 kg)
DH-11/19.5	19.5-in. (.50 m) Manhole Collar for use w/20-in. to 22-in. (.51 m to .56 m) dia. manways, lightweight, powder-coated aluminum	29.5 lbs. (13.4 kg)
DH-12 /	Vehicle Hitch Mount Sleeve	49 lbs. (22.2 kg)
<b>Base Accessories</b>		
DH-20ZP/	Flush Floor Mount Sleeve, zinc-plated, mild steel	24 lbs. (10.9 kg)
DH-20SS/	Flush Floor Mount Sleeve, 304 stainless steel	25 lbs. (11.3 kg)

Meets all applicable OSHA and ANSI standards.

# Miller DuraHoist™ Portable Fall Arrest Posts

The Portable Fall Arrest Post provides three independent swivel tie-off points for fall arrest anchorage. Three-stage/four-position telescoping design and aluminum construction for easy transportation and set-up. The leveling screws allow the system to be plumbed to vertical for proper working stability on inclines up to 15 degrees. The post also provides Horizontal Lifeline (HLL) capabilities using the HLL Anchor Ring.

Rescue/Material Handling Davit Arm attaches quickly and easily to the Portable Fall Arrest Post for rescue and material handling applications. Lightweight aluminum construction makes the Davit Arm easy to transport and set-up.



Miller DuraHoist Portable Fall Arrest Post with 14-in. (.36 m) Extension Post attached to top

Rescue/Material Handling Davit Arm (MightEvac SRL not included)

SKU	Description	Weight
<b>Miller DuraHoist Portable Fall Arrest Post</b>		
DH-AP-1/	Portable Fall Arrest Post	38 lbs. (17.2 kg)
DH-AP-2/	14-in. (.36 m) Extension Post	4.5 lbs. (2.0 kg)
DH-AP-3/	Rescue/Material Handling Davit Arm	20.5 lbs. (9.3 kg)
<b>Anchor Plates</b>		
DH-AP-4/	Plate with tie-off anchor	11.8 lbs. (5.4 kg)
DH-AP-6/	Plate for inclined surfaces with tie-off anchor	24 lbs. (10.9 kg)
DH-AP-12/	Bolt-on Anchor Plate	43 lbs. (19.5 kg)
<b>Base &amp; Bracket</b>		
DH-AP-9/	Portable I-beam Anchor Base	56 lbs. (25.4 kg)
DH-AP-11/	Complete Assembly of Adapter Plate (DH-AP-10) & Bracket (DH-AB-Miller) for mounting ManHandler Hoist/Winch or Miller MightEvac SRL	2.7 lbs. (1.2 kg)

Meets all applicable OSHA and ANSI standards.

# Miller MightEvac® Self-Retracting Lifelines w/Emergency Retrieval Hoist

The Miller MightEvac SRL combines the superior performance and reliability of the best-selling MightyLite™ Self-Retracting Lifeline Series with a quick-activating retrieval mechanism for emergency evacuation.



- No annual factory recertification required\*
- 20% lighter than competitive models; convenient, heavy-duty carrying handle
- Promotes quick and easy rescue with a 4:1 mechanical advantage (average speed of 25 ft. [7.6 m] per minute)
- 310 lb. (1.4 kN) weight capacity; rated to 400 lbs. (181.4 kg) capacity when using a SofStop shock absorber (928LS/18INBK)
- For emergency evacuation only
- Corrosion-resistant stainless steel/aluminum components

*\*Does not apply to Canada due to CSA Z259.2.2-98 requirements. Must be inspected by a Miller authorized service center if involved in a fall or if fails user visual or function inspection.*

SKU	Description	Weight
<b>ANSI Z359</b>		
MR50GB-Z7/50FT	Miller MightEvac w/50-ft. (15 m) of 3/16-in. (4.76 mm) galvanized wire rope, mounting bracket & carabiner	39 lbs. (17.7 kg)
MR100GB-Z7/100FT	Miller MightEvac w/100-ft. (30 m) of 3/16-in. (4.76 mm) galvanized wire rope, mounting bracket & carabiner	59 lbs. (26.8 kg)
MR130GB-Z7/130FT	Miller MightEvac w/130-ft. (40 m) of 3/16-in. (4.76 mm) galvanized wire rope, mounting bracket & carabiner	64 lbs. (29.0 kg)
<b>ANSI A10.32</b>		
MR50GB/50FT	Miller MightEvac w/50-ft. (15 m) of 3/16-in. (4.76 mm) galvanized wire rope, mounting bracket & carabiner	39 lbs. (17.7 kg)
MR50SB/50FT	Miller MightEvac w/50-ft. (15 m) of 3/16-in. (4.76 mm) stainless steel wire rope, mounting bracket & carabiner	39 lbs. (17.7 kg)
MR100GB/100FT	Miller MightEvac w/100-ft. (30 m) of 3/16-in. (4.76 mm) galvanized wire rope, mounting bracket & carabiner	59 lbs. (26.8 kg)
MR100SB/100FT	Miller MightEvac w/100-ft. (30 m) of 3/16-in. (4.76 mm) stainless steel wire rope, mounting bracket & carabiner	59 lbs. (26.8 kg)
MR130GB/130FT	Miller MightEvac w/130-ft. (40 m) of 3/16-in. (4.76 mm) galvanized wire rope, mounting bracket & carabiner	64 lbs. (29.0 kg)
MR130SB/130FT	Miller MightEvac w/130-ft. (40 m) of 3/16-in. (4.76 mm) stainless steel wire rope, mounting bracket & carabiner	64 lbs. (29.0 kg)

Meets all applicable OSHA, ANSI and CSA standards.

# Miller ManHandler® Hoist/Winch

The ManHandler Hoist is the perfect solution for a range of applications including confined space entry, rescue, positioning and personnel/material handling. (A secondary fall arrest system is recommended for fall protection.)



- Compact, durable steel construction
- Built-in mounting bracket
- Effortless lifting and lowering with 5:1 gear ratio
- Anti-backlash crank handle braking system prevents freewheeling
- 350 lbs. (159 kg) working capacity

SKU	Description
<b>ANSI Z359</b>	
8442-Z7/65FT	ManHandler personnel-rated hoist w/65-ft. (20 m) of galvanized steel cable
8442GC-Z7/65FT	ManHandler personnel-rated hoist w/65-ft. (20 m) of galvanized steel cable & 7-ft. (2 m) tripod
8442-Z7/100FT	ManHandler personnel-rated hoist w/100-ft. (30 m) of galvanized steel cable
<b>ANSI A10.32</b>	
8442/65FT*	ManHandler personnel-rated hoist w/65-ft. (20 m) of galvanized steel cable
8442/100FT*	ManHandler personnel-rated hoist w/100-ft. (30 m) of galvanized steel cable
8440/60FT	Material winch w/60-ft. (18 m) of galvanized steel cable
8441/88FT	Material winch w/88-ft. (27 m) of galvanized steel cable

Meets all applicable OSHA, ANSI and CSA standards.

\*Also available with stainless steel wire rope by adding "SS" after the model number (Ex: 8442SS/65FT)



# Miller Confined Space and Rescue Systems

All Confined Space Systems include a Miller Tripod, Miller MightEvac® Unit, a pulley, carabiner and two heavy-duty equipment bags. Systems with a ManHandler® Hoist/Winch also available.



Length of Wire Rope	Miller MightEvac Unit w/7-ft. (2 m) Tripod & Mounting Bracket	Miller MightEvac Unit w/7-ft. (2 m) Tripod, Mounting Bracket & ManHandler Hoist	Miller MightEvac Unit w/9-ft. (2.7 m) Tripod & Mounting Bracket	Miller MightEvac Unit w/9-ft. (2.7 m) Tripod, Mounting Bracket & ManHandler Hoist
<b>ANSI Z359</b>				
50-ft. (15 m)	MR50GC-Z7/50FT	–	–	–
100-ft. (30 m)	MR100GC-Z7/100FT	–	–	–
130-ft. (40 m)	MR130GC-Z7/130FT	–	–	–
<b>ANSI A10.32</b>				
50-ft. (15 m)	MR50GC/50FT	MR50GCM/50FT	MR50GX/50FT	MR50GXM/50FT
100-ft. (30 m)	MR100GC/100FT	–	MR100GX/100FT	–
130-ft. (40 m)	MR130GC/130FT	–	MR130GX/130FT	–

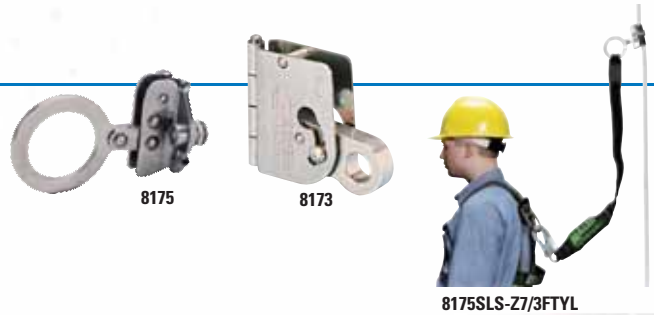
Meets all applicable OSHA, ANSI and CSA standards.

For stainless steel wire rope, change the "G" to an "S" in the corresponding model number (Ex: MR50GC/50FT becomes MR50SC/50FT).

Note: ManHandler Hoist is only available in 65-ft. (18 m) and 100-ft. (30 m) lengths.

## Miller Rope Grabs

Miller rope grabs move easily up and down vertical lifelines to provide continuous fall protection. Trailing models offer complete hands-free operation for increased productivity. In the event of a fall, Miller rope grabs lock quickly. Compact design; corrosion-resistant stainless steel construction.



SKU	Description
<b>ANSI Z359</b>	
8175-Z7/	<b>Trailing Rope Grab</b> – Stainless steel trailing rope grab w/anti-panic feature for use with 5/8-in. (16 mm) rope
8175SLS-Z7/3FTYL	<b>Trailing Rope Grab</b> – 8175-Z7/ with attached 3-ft. (1 m) SofStop shock-absorber for use with 5/8-in. (16 mm) rope
<b>ANSI A10.32</b>	
8172/U*	<b>Miller MicroLoc Trailing Rope Grab</b> – Compact, stainless steel trailing wire rope grab for use with 5/16-in. (8 mm) wire rope
8173/U*	<b>Miller MicroLoc Trailing Rope Grab</b> – Compact, stainless steel trailing rope grab for use with 5/8-in. (16 mm) rope
8174/U*	<b>Manual Rope Grab</b> – Stainless steel manual rope grab for use with 5/8-in. (16 mm) or 3/4-in. (19 mm) synthetic rope
8174/C	<b>Manual Rope Grab</b> – Stainless steel manual rope grab w/anti-panic feature for use with 5/8-in. (16 mm) synthetic rope
8175/U*	<b>Trailing Rope Grab</b> – Stainless steel trailing rope grab for use with 5/8-in. (16 mm) rope
8175/C	<b>Trailing Rope Grab</b> – Stainless steel trailing rope grab w/anti-panic feature for use with 5/8-in. (16 mm) rope

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Meets all applicable OSHA, ANSI and CSA Standards. \*Does not meet CSA requirements.

## VERTICAL LIFELINES

Standard lifeline lengths are 25 ft. (7.6 m), 50 ft. (15 m), 75 ft. (23 m), and 100 ft. (30 m); additional lengths are available.

SKU	Description
194R-2	Nylon rope lifeline with carabiner & thimble; 5/8-in. (16 mm) diameter
194R-5	Polyester rope lifeline for greater chemical resistance with carabiner & thimble; 5/8-in. (16 mm) diameter
195R-2	Nylon rope lifeline with thimbles; 5/8-in. (16 mm) diameter
195R-5	Polyester rope lifeline for greater chemical resistance with thimbles; 5/8-in. (16 mm) diameter
300L	Polypropylene blend rope lifeline with locking snap hook & loop; 5/8-in. (16 mm) diameter

## ACCESSORY ITEM

SKU	Description
913WLS/3FT	3-ft. (1 m) nylon web lanyard w/SofSop shock absorber and two locking snap hooks

Note: Locking snap hook – 3/4-in. (19 mm) gate opening. Meets OSHA, ANSI A10.32 and CSA Standards.



# Miller SafEscape™ ELITE RDD

The new Miller SafEscape™ ELITE RDD is the next generation global solution for rescue/descent that meets all applicable safety standards throughout the world, lowers cost of ownership, enhances safety and is easy to use.

- Meets all applicable safety standards globally
- No annual factory recertification
- User-rated for up to two (2) workers
- Approved for multiple descents
- Bi-directional design
- Up to 1,640-ft. (500 m) lifeline descent capacity
- Lightweight and compact design
- Optional hoisting wheel and/or ladder bracket available
- Convenient kit options available



## Miller SafEscape™ ELITE RDD Kits

SKU	Description
SECRKT/75FT*	<b>Crane Rescue Kit</b> – Kit includes Miller SafEscape ELITE RDD, rescue harness, cross-arm strap, retrieval yoke & rescue bag.
SEWPKT/75FT*	<b>Wind Energy Kit</b> – Kit includes Miller SafEscape ELITE RDD with hoisting wheel & ladder bracket, T-bar, edge protector, 3 anchor slings, 3 carabiners, pulley, adjustable rope anchor, rescue rope grab, accessory bag & kit bag.

\*Specify length – standard lengths starting at 50 ft. (15.2 m) increasing by 25-ft. (7.6 m) increments up to 300 ft. (91.4 m). Additional lengths available upon request.



SEWPKT/75FT\*

## Miller SafEscape™ ELITE RDD Basic Models

SKU	Description
SE/75FT*	<b>Miller SafEscape ELITE RDD</b> – Also includes anchor slings & rescue bag.
SEHW/75FT*	<b>Miller SafEscape ELITE RDD w/Hoisting Wheel</b> – Also includes anchor slings & rescue bag.
SEHWLB/75FT*	<b>Miller SafEscape ELITE RDD w/Hoisting Wheel &amp; Ladder Bracket</b> – Also includes anchor slings, adjustable rope anchor & rescue bag.

\*Specify length – standard lengths starting at 50 ft. (15.2 m) increasing by 25-ft. (7.6 m) increments up to 300 ft. (91.4 m). Additional lengths available upon request.



SEHWLB/75FT\*

## Miller SafEscape™ ELITE RDD Accessories

SKU	Description	SKU	Description	SKU	Description
SE-LB/	Ladder Bracket & Adapter	SE-BAG/M	Wind Energy Kit Rescue Bag fits M (50-ft. to 200-ft. [15.2 m to 61 m]) lifeline	000127/300FTRD	Miller SafEscape Rescue Bag fits 275-ft. to 300-ft. (83.8 m to 91.4 m) lifeline
SE-AS/4.0FT	Anchor Sling, 4 ft. (1.2 m)	SE-BAG/L	Wind Energy Kit Rescue Bag fits L (200-ft. + [61 m]) lifeline	17D-1	1-in. (25.4 mm) Carabiner
SE-AS/2.5FT	Anchor Sling, 2.5 ft. (.8 m)	000127/200FTRD	Miller SafEscape Rescue Bag fits 50-ft. to 200-ft. (15.2 m to 61 m) lifeline	8477H/YL	Accessory Bag
SE-ARA/	Adjustable Rope Anchor	000127/250FTRD	Miller SafEscape Rescue Bag fits 225-ft. to 250-ft. (68.6 m to 76.2 m) lifeline	000109/URB	Rescue Harness
SE-RG/	Rescue Rope Grab			8185/6FTGN	Cross-Arm Strap with Twist
SE-EP/	Edge Protector			6490RYLS/5FT	Retrieval Yoke
SE-TB/	T-bar				
SE-P/	Pulley, Aluminum				

## Miller Accessories

SKU	Description	Dimensions
700H/15INYL	<b>Tool Bucket</b> – Constructed of MillerHyde synthetic material sewn with nylon thread throughout. Bottom is molded plastic with 2-1/2-in. (64 mm) tapered molded flange up sides. Top has 3-in. (76 mm) molded plastic ring and 1/2-in. (13 mm) rope handle. Standard 4-in. x 8-in. (102 mm x 203 mm) inside pocket.	12-in. Dia. x 15-in. D (305 mm x 381 mm)
705H/YL	<b>Linemen's Tool Bag</b> – Excellent equipment bag. Lightweight, yet long-wearing and practical. Masonite bottom covered inside and out, with metal skids underneath. 22-in. (559 mm) heavy-duty zipper. Nylon thread throughout. Heavy webbing handles wrap completely around bag.	22-in. L x 11-in. W x 11-in. D (559 mm x 279 mm x 279 mm)
1018H/YL	<b>Glove Bag</b> – One-piece front and back is double stitched MillerHyde synthetic material throughout. Back stitched at corners, and leather reinforced inside and out for snap. Gusset has 4-in. (102 mm) top, tapering to 2-in. (51 mm) bottom.	18-in. L x 8-in. W (457 mm x 203 mm) For 14-in. (356 mm) length order #10-14H For 16-in. (406 mm) length order #10-16H
9H/YL	<b>Low Voltage Glove Bag</b> – One-piece front and back is double stitched, heavy-duty yellow duck. Back stitched at corners. Leather reinforced snap is sewn and riveted to bag. Stenciled "LOW VOLTAGE GLOVES."	2-in (51 mm) gusset. 6-1/2-in. W x 11-in. D (165 mm x 279 mm) For MillerHyde order #9H

# Engineered Safety at Height & Rescue Solutions

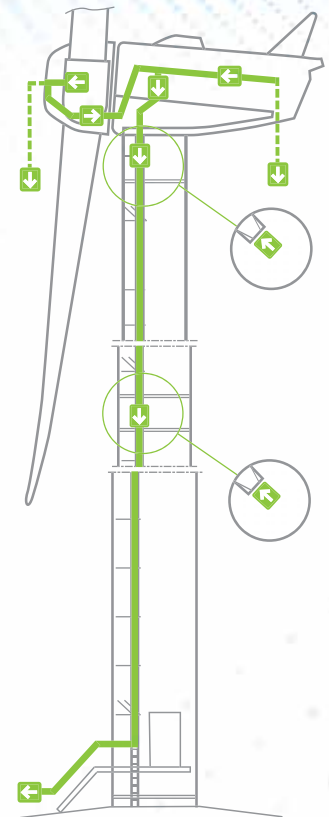
## Dedicated to the design and installation of custom-engineered safety systems

Miller Engineered Solutions offer custom designs and services that address unique structures and extreme conditions to ensure worker safety at height in any situation.

### ENGINEERED SOLUTIONS INCLUDE:

- Innovative anchorage and ladder systems
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- Climbing and Rope Access
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