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SAFETY AT HEIGHT

MILLER
by SPERIAN





Disclaimer: Not all items that appear in this catalogue are in stock. Some items may need to be manufactured to your specifications upon placement of order. Please refer to your Sperian price list for pricing and availability. Products are subject to change without notice.



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**ENGINEERED
SOLUTIONS**

PROTECTING PEOPLE AT WORK

SPERIAN FALL PROTECTION, NOW PART OF HONEYWELL, IS A LEADING MANUFACTURER OF FALL PROTECTION PRODUCTS, AND WITH THE WELL KNOWN AND TRUSTED BRAND MILLER, PROVIDES THE VERY BEST SOLUTIONS FOR A WIDE RANGE OF HAZARDS AND INDUSTRY APPLICATIONS.

SETTING THE STANDARD IN RANGE & PROTECTION

For over 60 years, Sperian Fall Protection, now part of Honeywell, has grown to be a global leader by carefully understanding end-user needs and providing the best fall arrest solutions to suit a wide range of industry applications.

Miller® is the leading brand in global fall protection and confined space equipment, which is why they are the first choice for many of Australia and New Zealand's leading businesses.

TESTING

Our harnesses and lanyards are tested in accordance with the guidelines of the Australian and New Zealand Standard AS/NZS 1891.1 2007. Each and every product is subjected to a strict testing and quality assurance program.

ISO9001 international quality management system accreditation and an on-site NATA accredited laboratory is your assurance of a quality product every time.

If you have any further questions, please telephone Sperian Protection Customer Service on 1300 139 166.

www.sperian.com

www.millerfallprotection.com.au

STANDARDS

We actively participate in the committees that help to shape the standards and pride ourselves in fully understanding AS/NZS standards, workplace regulations and how these apply to the workforce in general.

The new AS/NZS 1891.1 2007 standard is no exception and pertains to new performance requirements for fall protection equipment and will affect the decisions made about the equipment used in some working environments.

Our harnesses, which are manufactured in our Dingley factory in Victoria, meet the requirements of the Australian and New Zealand standards.

The following Australian and New Zealand standards are recommended reading references:

AS/NZS 1891 Part 1: 2007

Harnesses and ancillary equipment.

AS/NZS 1891.2 – Part 2: 2001

Horizontal lifeline and rail systems.

AS/NZS 1891.3 – Part 3: 1997

Fall Arrest devices.

AS/NZS 1891.4 – Part 4: 2009

Selection, use and maintenance of industrial fall arrest systems and devices.

AS 2625 Safe working in a confined space.

AS/NZS 4488 (series)

Industrial rope access systems.

Respective government workplace

authority: Worksafe, Workcover or OSH (NZ).

START WITH A RISK ASSESSMENT

Before undertaking any work at height or confined space entry, a risk assessment program should be developed.

Refer to the Australian Standards hierarchy of control in AS/NZS 1891.4 when developing this program, as well as your local government regulatory authority.

Here's an outline of the controls:

- Identify all of the immediate and potential hazards.
- Eliminate hazards if possible.
- If the hazard can not be eliminated, change your working method to avoid exposure to the risk.
- If exposure to the risk can not be avoided, use engineering controls to contain or minimise the hazard.
- Fall protection equipment should be provided to prevent a fall, or reduce the severity and/or injury in the event of a fall.

ESSENTIAL COMPONENTS FOR FALL PROTECTION

1. HARNESS

Designed to securely support workers in the event of a fall.

Harnesses are available in a variety of materials and styles, designed to suit particular workplace applications.

FALL PROTECTION DEFINITIONS

FALL ARREST

A system whereby a person is safely arrested from a fall by means of personal protective equipment attached to an anchorage point. The maximum free fall allowable is 2 metres.

RESTRAINT

The Australian and New Zealand Standard for Fall Protection Equipment AS/NZS 1891, has undergone a number of revisions. Part of this process has been to remove the concept of Restraint from both the Harness manufacturing section (Part 1), and the recently released Usage section (Part 4).

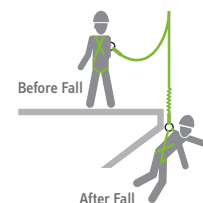
Sperian Fall Protection supports the creation of a Standard for Restraint. So rather than leaving a gap in the available information supporting the safe practice of Restraint we have produced a document titled Miller TIPS - Guidelines for Working in Restraint. These guidelines are based on the 'World's best practice' for working at height. For a copy of the TIPS for working in restraint document, contact Sperian customer service.

WORK POSITIONING

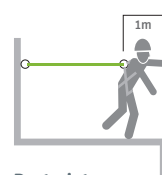
A system which enables a person to work supported in suspension by the use of personal protective equipment in such a way that a fall is partially restrained.

FALL CLEARANCES

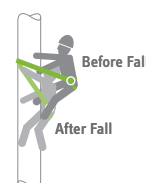
The system must be set up in such a way so the worker will avoid striking a lower level surface or obstacle, and be maintained in a position post fall, to ensure an easy and quick rescue. Each type of fall arrest device will have its own clearance requirements – check AS/NZS 1891.4 for further information (See page 25 for lanyard & fall arrestor fall clearance diagrams).



Fall Arrest



Restraint



Work Positioning

2. LANYARD AND FALL ARRESTOR

The workers lifeline connects the harness to an anchorage point.

The lanyard or fall arrestor is attached to the connection point of a harness, with the other end attached to an anchorage point preventing the person hitting the ground in the event of a fall.

3. ANCHORAGE

A connection point or structure used to connect a lanyard or fall arrestor.

An anchorage point must be capable of withstanding a force of up to 22kN.

FALL PROTECTION SELECTION GUIDE

Overview of harnesses and connection equipment with recommendations for specific work applications

		HARNESSES																
		Miller Revolution 2 Point harness	Miller Revolution Tower Harness	Miller Revolution Vest Style Harness	Stretchguard Harness	Glove and Barrier Harness	Duraflex Maintenance Harness	Polyester Maintenance Harness	Polyester Riggers Harness	Confined Space Harness	Line Worker Harness	Tower Worker Harness	KMAX.1 Welders Harness	KMAX.2 Welders Harness Vest Style	KMAX.3 Welders Harness Vest Style	AMAX.2 Work Positioning /Rope Access Harness		
CONSTRUCTION & MAINTENANCE		■	■	■	■			■		■						■		
ROOF WORKERS		■								■								
SCAFFOLDING								■	■	■								
TOWER WORK		■	■	■	■						■	■				■		
ORDER PICKERS		■		■	■													
LADDER SAFETY SYSTEMS		■	■	■	■			■				■						
CONFINED SPACE			■				■	■	■			■				■		
ELEVATED WORK PLATFORMS		■		■	■		■	■			■	■						
WAREHOUSING		■		■					■	■								
WELDING				■									■	■	■			
TREE PRUNING			■									■				■		
CONTRACTORS								■	■	■								
WORK POSITIONING			■						■		■	■				■		
STATIC LINE SYSTEMS		■	■	■	■						■							
Page Number		13	13	13	14	15	14	16	16	15,17	17	17	18	18	18	18		

	Polyester Construction Harness	Contractor Two Point Harness	DuraFlex Riggers Harness	CONNECTORS	Manyard Lanyard	Adjustable Lanyard	Pole Strap	Webbing Lanyard	Plastic Coated Wire Lanyard	Flame Retardant Lanyards	Black Rhino Fall Arrestor	Fall Arrestors (Falcon, MightyLite, Scorpion, MiniLite, Stopmax Vision)	Fall Arrestors (TurboLite)	ANCHORAGE	Anchorage Line with Type 1 fall arrestor	PCL Tie-off Adaptor	Webbing Tie-off	Anchor Grip	Beam Anchors and Clamps	SOLL GlideLoc	Roof Anchor	Millerfixx	Ladder Grip
	■	■	■		■	■		■				■	■			■		■	■				
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16	19	14			26	27	21	26	29	27	31	30,32	30		36	37	37	38	38	62	38,39	39	39



HARNESSES

The 1st component of a fall safety system- Miller harnesses are designed to maximise worker safety and confidence when working at height. Harnesses spread the forces of a fall over the body, preventing serious injury.

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- > Vest Style Harness
- > Tower Harnesses

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- > Rigger's Harness
- > Roof Worker Harness
- > Confined Space Harness
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MINERS HARNESSES (POLYESTER), BELTS AND POLE STRAPS

- > Polyester Miners harness
- > Explorer Miners Equipment Belt
- > Prospector Miners Equipment Belt
- > Pole Straps

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HARNESS ATTACHMENT AND APPLICATION ICONS.

We offer an extensive range of harnesses to provide you with a safety solution that closely matches your work environment.

Each harness within this catalogue has associated icons, to best describe its attachments and application.



FALL ARREST



FRONTAL ATTACHMENT



CONFINED SPACE



POSITIONING



CONSTRUCTION & MAINTENANCE



ROOFING



SCAFFOLDING



UTILITIES



MINING



TOWER WORK



WAREHOUSE



LADDER



HEAT RESISTANCE

SIMPLE STEPS FOR HARNESS USE

Correct fitting, use and maintenance will ensure years of safe, trouble-free operation. Follow these simple steps as a part of your routine.

STEP 1 INSPECTION



Check the labels for the harness serial number and ensure the serial number is legible and the date for withdrawal has not passed.



Run your hands along each piece of webbing looking for cuts, abrasions, burn marks or deterioration. Check sewn patterns looking for cuts, broken threads, heat damage and stretching.



Check the harness hardware including dee rings and buckles for distortion, cracking and damage.

STEP 2 FITTING Vest Style Harness



1 Remove harness from packaging. Hold the back dee ring and gently shake harness so all straps fall into place.

2 Unbuckle leg and chest strap buckles – Lift the top plate to align with the bottom plate slot and guide plate through.

3 Slip harness over the shoulders (like a vest) ensure the dee ring is located in the middle of the back between the shoulder blades.

4 Fasten chest strap buckle.

5 Fasten waist belt buckle.

6 Pull left leg strap between legs and fasten with corresponding buckle. Repeat the process with the right leg strap. Do not cross straps between legs. Ensure a snug unrestrictive fit.

STEP 2 FITTING Cross-over Chest Style Harness



1 Remove harness from packaging. Hold the back dee ring and gently shake harness so all straps fall into place.

2 Unbuckle leg and chest strap buckles – Lift the top plate to align with the bottom plate slot and guide plate through.

3 Place arms up through the harness.

4 Slip harness over the head (like a jumper) Locate frontal dee ring in the middle of the chest and rear dee ring between shoulder blades.

5 Pull the harness down the body to position the leg straps.

6 Pull left leg strap between legs and fasten with corresponding buckle. Repeat the process with the right leg strap. Do not cross straps between legs. Ensure a snug unrestrictive fit.

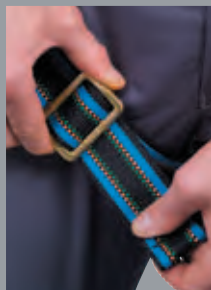
STEP 3 ADJUSTMENT

FASTENING



Tilt buckle and align with the slot and guide plate through.

TIGHTENING



Feed webbing through the buckle. Secure by moving the keeper.

LOOSENING



Move the keeper up the strap and reposition buckle for more room.

SHOULDERS



Tilt the keeper, and whilst holding onto the top piece of webbing underneath, move the keeper up the webbing.

WAIST



For harnesses with waist straps, pass the excess webbing through the keeper to secure.

LEGS



The slide keepers on the leg straps should be positioned to the front. Make sure the leg straps are not twisted.

MILLER HARNESS WEBBING

The Miller range of harnesses feature different types of webbing that can handle almost any industry, environment and application.

DURAFLEX

DuraFlex™ webbing allows the harness to flex naturally with the body providing an alternative to rigid webbing products. There is no bunching, binding or kinking of the webbing, which is generally associated with harness wearing. Greater mobility, movement, and reduced fatigue result in increased worker productivity and provide unsurpassed worker comfort offering wider user acceptance.

POLYESTER

Polyester webbing is heavy duty, lightweight, highly visible for worker compliance and extremely strong without compromising user comfort. Polyester webbing also offers users excellent UV and strong chemical resistance. Bright and varied colour make inspecting and donning the harness easy. Incorporating innovative sewing patterns, polyester harnesses maintain their flexibility long term.

DURACLEAN

Duraclean webbing is designed for use in harsh working environments such as mining where workers are exposed to dirt, mud and water. An applied coating forms an invisible barrier preventing water, oil and dirt absorption prolonging the life of the harness & making it easier to clean. All harnesses with Duraclean webbing incorporate full stainless steel components, ensuring longevity of the harness webbing and components.

MILLER REVOLUTION HARNESSES

Innovative harness design engineered with unique components and features to improve efficiency and safety.



ErgoArmor™ back shield

DualTech® webbing

Quick connect buckles

Easy. Safe. Smart. Miller Revolution™ harnesses have been developed to help you work smarter and safer. DualTech® webbing for quick donning and extra comfort. Web finials tie up loose ends. ErgoArmor™ Back Shield protects against snap hook and lifeline injury. Quick release buckles and one hand adjustment promotes non-slip snug fit. Get into the revolution.



Miller Revolution™ 2 Point Harnesses

An innovative design that combines several unique components along with many product features.



- > Versatile frontal and rear oversized fall attachment points.
- > ErgoArmor back shield protects from snap hook and lifeline injury.
- > Knitted mesh membrane for optimal air circulation and comfort.
- > Ergonomic PivotLink allows greater hip rotation and mobility.
- > Web finials provide quick webbing adjustment and organisation.
- > Hybrid, with strong and durable DuraFlex/DualTech webbing.

M1020054 MEDIUM MILLER REVOLUTION 2 POINT HARNESS

M1020053 SMALL MILLER REVOLUTION 2 POINT HARNESS

M1020055 LARGE MILLER REVOLUTION 2 POINT HARNESS



Miller Revolution™ Vest Style Harness

Vest style harness with front and rear connections, and confined space loops on shoulders.



- > Rear 400mm D ring extension
- > Frontal fall arrest attachment and confined space shoulder loops.
- > Adjustable chest, waist, shoulder and leg straps.
- > Hybrid of black polyester webbing and DuraFlex™ webbing for improved durability and comfort.
- > Label pack with lanyard parking ring stores harness documents.

M1020098 MILLER REVOLUTION VEST STYLE HARNESS



Miller Revolution™ Tower Harnesses

A versatile harness with front and rear connections, ideal for work positioning and confined space rescue.



- > Rear 400mm D ring extension
- > Pelvic D rings for work positioning and confined space rescue loops.
- > ErgoArmor back shield protects from snap hook and lifeline injury.
- > Adjustable chest, waist, shoulder and leg straps.
- > Lumbar, buttock padding, and mesh membrane add comfort.
- > Comfortable, durable Polyester/DuraFlex webbing.

M1020056 MEDIUM MILLER REVOLUTION TOWER HARNESS

M1020097 SMALL MILLER REVOLUTION TOWER HARNESS

M1020099 LARGE MILLER REVOLUTION TOWER HARNESS

DURAFLEX HARNESSES

Innovative DuraFlex webbing allows the harness to flex with the body providing greater mobility and all day comfort.



Miller Maintenance Harness

Vest style, DuraFlex webbing harness for working at height and in confined spaces.



- > Frontal fall arrest attachment point, rear and extended dorsal dee.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > No bunching, binding or kinking generally associated with harness wearing.
- > DuraFlex webbing flexes with the body.
- > Label pack with lanyard parking ring stores harness documents.
- > Brightly coloured webbing to increase worker visibility.
- > Confined space loops on shoulder straps.

M1020073 FALL ARREST AND CS HARNESS



Miller Rigger's Harness

Vest style, DuraFlex webbing harness for working at height with pole straps or in confined space.



- > Frontal fall arrest attachment point, rear and extended dorsal dee.
- > Confined space loops and work positioning side dees.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Waist belt offering greater back support and stability.
- > Label pack with lanyard parking ring stores harness documents.
- > Brightly coloured webbing to increase worker visibility.

M1020068 FALL ARREST, CS AND WP HARNESS



Miller Roof Worker Harness

Cross over, DuraFlex webbing harness featuring fall arrest attachment points both front and back.



- > Frontal and Rear Dee ring for working in fall arrest.
- > Label pack with lanyard parking ring stores harness documents.
- > Over the head design with adjustable leg straps.
- > Hybrid polyester and DuraFlex webbing provides optimum worker comfort.
- > Suited to roofing, tower and ladder work, general construction, maintenance and window cleaning applications.

STRETCH GUARD TWO POINT FALL ARREST HARNESS



Miller Confined Space Harness

Full body DuraFlex harness with multiple attachment points to suit various applications.



- > 300mm extension of rear fall arrest soft-eye-dee.
- > Frontal fall arrest attachment loops.
- > Confined space shoulder loops.
- > No bunching, binding or kinking generally associated with harness wearing.
- > DuraFlex webbing flexes with the body providing optimum worker comfort.
- > Label pack with lanyard parking ring stores harness documents.
- > Adjustable shoulder and leg straps.
- > Quick connect (QC) buckles on leg straps.

M1020004D CONFINED SPACE HARNESS



Miller Glove and Barrier Harness

DuraFlex full body harness specifically designed without metal hardware above the waist.



- > 500mm extension of rear fall arrest soft-eye-dee.
- > Frontal fall arrest attachment and confined space shoulder loops.
- > No bunching, binding or kinking generally associated with harness wearing.
- > DuraFlex webbing flexes with the body providing optimum worker comfort.
- > Adjustable leg and chest straps.
- > Label pack with lanyard parking ring stores harness documents.

M1020008 GLOVE AND BARRIER HARNESS



Miller Roof Worker Kit

The Roof Worker kit provides everything you need for working on rooftops, in a convenient carry bag.

- > Roof Worker Kit contains:
- > DuraFlex Roof Worker cross over style harness featuring fall arrest attachment points both front and back.
- > 15m anchorage line with type 1 fall arrestor.
- > Webbing tie-off adaptor.
- > Carry bag.

M1070007 ROOF WORKER KIT

POLYESTER HARNESES

Heavy duty and light weight webbing provides strength and safety without compromising user comfort



Miller Construction Harness

Vest style design, polyester webbing fall arrest harness for working at height.



- > Frontal fall arrest attachment point and rear dorsal dee.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Strong, durable, lightweight and comfortable polyester webbing.
- > Excellent U.V and chemical resistance.
- > Label pack with lanyard parking ring stores harness documents.
- > Brightly coloured webbing to increase worker visibility and easy donning.
- > Suitable for a variety of applications.

M1020063 FALL ARREST HARNESS

M1070014 ROOF WORKER BACK PACK KIT

KIT INCLUDES: POLYESTER M1020063 CONSTRUCTION HARNESS. ANCHORAGE LINE WITH TYPE 1 FALL ARREST DEVICE. 2MTR WEBBING ENERGY ABSORBING LANYARD. WEBBING TIE OFF ADAPTOR DURABLE POLYESTER BACKPACK



Miller Maintenance Harness

Vest style design, polyester webbing fall arrest harness for working at height and confined space.



- > Frontal fall arrest attachment point, rear and extended dorsal dee.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Strong, durable, lightweight and comfortable polyester webbing.
- > Excellent U.V and chemical resistance.
- > Label pack with lanyard parking ring stores harness documents.
- > Confined space loops on shoulder straps.
- > Brightly coloured webbing to increase worker visibility and easy donning.

M1020065 FALL ARREST AND CS HARNESS



Miller Rigger's Harness

Vest style, polyester webbing harness for working at height with pole straps and in confined spaces.



- > Frontal fall arrest attachment point, rear and extended dorsal dee.
- > Confined space loops and work positioning side dees.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Back pad offering greater back support and stability.
- > Label pack with lanyard parking ring stores harness documents.
- > Brightly coloured webbing to increase worker visibility and easy donning.

M1020067 FALL ARREST, WP AND CS HARNESS



Miller Confined Space Harness

Full body polyester webbing harness with multiple attachment points to suit various applications.



- > 300mm extension of rear fall arrest soft-eye-dee.
- > Frontal fall arrest and confined space loops on shoulder straps.
- > Strong, durable, lightweight and comfortable polyester webbing.
- > Excellent U.V and chemical resistance.
- > Label pack with lanyard parking ring stores harness documents.
- > Adjustable shoulder and padded leg straps.
- > Quick connect buckles.

M1020004 CONFINED SPACE HARNESS



Miller Line Worker Harness

Specifically designed for line and pole top workers, this harness offers many features to suit these applications.



- > Frontal fall arrest dee and extended dorsal dee.
- > Work positioning side dees for work with pole straps.
- > Fully adjustable waist, shoulder, leg and buttock straps.
- > Label pack with lanyard parking ring stores harness documents.
- > Lumbar and buttock padding offering greater comfort.
- > Suited to line workers, pole top workers, tower and ladder work.

ELITE.2 FALL ARREST, WORK POSITIONING HARNESS



Miller Tower Worker Harness

The ultimate tower harness with multiple attachment points for compatibility with many applications.



- > Frontal fall arrest attachment loops.
- > 300mm extended dorsal dee.
- > Confined space loops and work positioning side dees.
- > Label pack with lanyard parking ring stores harness documents.
- > Excellent U.V and chemical resistance.
- > Lumbar and buttock padding equipped with tool loops.
- > Suited to electrical, ladder and tower work, tree pruning, EWP work, confined space and rescue applications.

TOWER WORKER TOWER WORKER HARNESS

TOWER WORKER - L LARGE TOWER WORKER HARNESS

POLYESTER HARNESES



Miller Work Positioning/Rope Access Harness

Work positioning/rope access harness with padded leg straps for working in suspension, and twin rope access applications.



- > Frontal fall arrest, rear dorsal and work positioning dee rings.
- > Step in harness with padded leg straps and lumbar support.
- > Adjustable leg and shoulder straps.
- > Excellent U.V and chemical resistance.
- > Label pack with lanyard parking ring stores harness documents.
- > Suited to rescue, ladder work, work positioning, window cleaning, telecom and utility applications.
- > Tool loops to attach equipment temporarily when working at height.
- > Quick connect buckles for easy donning.
- > Extra wide back and removable shoulder pads offering greater support and comfort.

M1020122 AMAX.2 WORK POSITIONING/ROPE ACCESS HARNESS (AS SHOWN)

AMAX.1 WORK POSITIONING HARNESS (OLD STYLE)



Miller Welder's Harness Cross Over Style

Designed for use in applications where hot sparks or molten materials may come in contact with the harness.



- > 100% Kevlar® webbing improves strength and provides resistance to high temperatures, sparks and molten material.
- > Frontal and rear fall arrest attachment points.
- > Adjustable leg straps.
- > Label pack with lanyard parking ring stores harness documents.
- > Suited to welding, grinding and harsh work environments.

M1020066 KMAX.1 TWO POINT FALL ARREST HARNESS



Miller Welder's Harnesses

Designed for use where hot sparks or molten materials may come in contact with the harness.



- > 100% Kevlar® webbing improves strength and resistance to high temperatures.
- > Frontal & rear fall arrest attachment points.
- > Confined space loops and positioning side dees (KMAX.2 only).
- > Label pack with lanyard parking ring stores harness documents.
- > Suited to welding, grinding and harsh work environments.
- > Adjustable leg and shoulder straps.

M1020100 KMAX.2 VEST STYLE WITH SIDE DEES **M1020102** KMAX.3 BASIC VEST STYLE (AS SHOWN)

M1020165 KMAX.4 VEST STYLE C/W CS LOOPS AND EXT-D AND ALUM QC BUCKLES - MEDIUM

M1020166 KMAX.4 VEST STYLE C/W CS LOOPS AND EXT-D AND ALUM QC BUCKLES - LARGE

POLYESTER HARNESES



Miller Contractor Value Plus Harness

Vest style design, polyester webbing fall arrest harness with integrated lanyard for working at height.



- > Frontal fall arrest attachment point and rear dorsal dee.
- > Integrated 2 metre shock absorbing lanyard.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Label pack with lanyard parking ring stores harness documents.
- > Suited to work in Elevated Work Platforms (EWP), construction and general maintenance.

M1020064 HARNESS WITH INTEGRATED LANYARD



Miller Contractor Value Two Point Harness

The contractor two point fall arrest harness provides workers with rear and frontal fall arrest attachment points.



- > Minimal restriction to the wearers movements.
- > Lightweight cross over design, easy to fit and adjust.
- > Rear and frontal fall arrest attachment points.
- > Label pack with lanyard parking ring stores harness documents.
- > Suited to applications in: building, construction, ladder work, roof work, EWP and general maintenance work.

M1020002 CONTRACTOR TWO POINT HARNESS



Miller Contractor Roof Worker Kit

The contractor roof worker kit contains all the equipment needed for roof work, packed into a carry bag.

- > The kit contains the M1020002 two point fall arrest harness, 15m anchorage line with type 1 fall arrest device, and a webbing tie-off adaptor all packed into a convenient carry bag.
- > Suited to roof working applications.
- > Easy to carry from site to site.

M1070004 ROOF WORKERS KIT

DURACLEAN HARNESSES

Specifically designed to perform in the rigors of the mining industry providing high level compliance and safety.



Miller Underground Miners Harness

Full body harness. Includes prospector belt with tool loops, stainless steel hardware and aluminium quick-connect (QC) buckles. Ideal for underground mining applications.



- > Rear dorsal fall arrest D-ring & extension.
- > Floating frontal fall arrest D-ring.
- > Aluminium quick connect buckles on waist and leg straps.
- > Prospector Belt incorporates removable battery and self rescuer strap.
- > Equipped with confined space loops.
- > Wider back pad for greater back support and stability.
- > Label pack houses all relevant harness information and is equipped with lanyard parking ring.

M1020157 SS DURACLEAN C/W ALUM QC BUCKLES ON WAIST AND LEGS - SMALL

M1020158 SS DURACLEAN C/W ALUM QC BUCKLES ON WAIST AND LEGS - MEDIUM

M1020159 SS DURACLEAN C/W ALUM QC BUCKLES ON WAIST AND LEGS - LARGE

M1020160 SS DURACLEAN C/W ALUM QC BUCKLES ON WAIST AND LEGS - X-LARGE



Miller Surface Miners Harness

Full body harness with stainless steel hardware and aluminium quick-connect (QC) buckles. Ideal for surface mining applications.



- > Rear dorsal fall arrest D-ring and D-ring extension.
- > Floating frontal fall arrest D-ring.
- > Fully adjustable shoulder, chest & leg straps.
- > Aluminium quick connect buckles on leg straps.
- > Equipped with confined space loops
- > Label pack houses all relevant harness information and is equipped with lanyard parking ring.

M1020161 SS DURACLEAN SURFACE HARNESS WITH ALUM QC BUCKLES ON LEGS - SMALL

M1020162 SS DURACLEAN SURFACE HARNESS WITH ALUM QC BUCKLES ON LEGS - MEDIUM

M1020163 SS DURACLEAN SURFACE HARNESS WITH ALUM QC BUCKLES ON LEGS - LARGE

M1020164 SS DURACLEAN SURFACE HARNESS WITH ALUM QC BUCKLES ON LEGS - X-LARGE



Miller Miner's/Rescue Harness

Full body polyester webbing harness with removable miner's equipment belt.



- > Rear dorsal fall arrest D-ring and D-Ring extension & frontal fall arrest D-ring.
- > Equipped with confined space loops.
- > Aluminium quick connect buckles on leg straps and openable front for ease of donning.
- > Complete with stainless steel hardware (except quick connect buckles) for longer service life.
- > Equipped with a removable miners equipment belt incorporating battery & self rescuer strap.
- > Extra wide back and removable shoulder pads offering greater support and comfort when working in suspension for long periods of time.
- > Padded leg straps for greater comfort.
- > All padding complete with moisture absorbing 3D mesh panel.
- > Contrasting colours on all load bearing sew patterns for easy inspection.
- > Fully adjustable shoulder and waist straps.

M1020171 AMAX.2 MINERS/RESCUE SMALL/MEDIUM **M1020172** AMAX.2 MINERS/RESCUE MEDIUM/LARGE



Miller Prospector Miners Equipment Belt



Equipment belt with battery pack and self rescue straps.

- > Wider padded back for increased comfort.
- > Not to be used for fall arrest, limited fall arrest or restraint.
- > Longer battery strap for maximum adjustment of self rescuer and battery pack
- > Quick connect buckles for easy donning
- > Complete with tool loops for hanging additional tools
- > Full adjustable waist strap
- > Padded back complete with 3D mesh material for greater sweat absorption

M1020123 SMALL **M1020124** MEDIUM **M1020125** LARGE



Miller Explorer Miners Equipment Belt



Miners equipment belt with battery pack, self rescue straps and retro reflective tape.

- > Wider padded back for increased support and comfort.
- > Quick connect buckles for easy donning.
- > Longer battery strap for maximum adjustment of self rescuer and battery pack
- > Complete with tool loops for hanging additional tools.
- > Not to be used for fall arrest or restraint.
- > Full adjustable waist strap
- > Padded back complete with 3D mesh material for greater sweat absorption
- > Full adjustable waist strap
- > Padded back complete with 3D mesh material for greater sweat absorption

M1020126 SMALL **M1020127** MEDIUM **M1020128** LARGE



Miller Pole Straps

For line and pole top work, pole straps support a worker on a pole.

- > Fitted with an adjuster which easily adjusts the working length.
- > A protective sleeve to lengthen the life of the webbing.
- > Double acting 19mm opening hooks at each end.
- > Available in various lengths to suit different applications.

136.1S 1.8M **138.1S** 2.4M **139.1S** 2.7M **1312.1S** 3.6M **138.1** 2.4M



LANYARDS & FALL ARRESTORS

The 2nd component of a fall safety system- Miller lanyards and fall arrestors connect your fall arrest harness to an anchorage point or static line and are designed to reduce the free fall distance as much as possible to minimise risk of injury.

CONTENTS

LANYARDS

- | | |
|--|---|
| <ul style="list-style-type: none"> > Manyard Lanyard > Sharp Edge Lanyards > Webbing Lanyards > Flame Retardant Lanyard > Stretchstop Lanyard > Adjustable Lanyard | <ul style="list-style-type: none"> > Rope Energy Absorbing Lanyard > Kernmantle Rope Lanyard > Retractable Webbing Lanyard > Plastic Coated Wire Lanyard > Tie Back Lanyard |
|--|---|

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FALL ARRESTORS

- | | |
|---|--|
| <ul style="list-style-type: none"> > Turbolite Fall Arrestor > Scorpion Fall Arrestor > Scorpion Sharp Edge Fall Arrestor > Black Rhino Fall Arrestor | <ul style="list-style-type: none"> > Minilite Fall Arrestor > Falcon Fall Arrestor > Mightylite Fall Arrestor > Stopmax Vision Fall Arrestor |
|---|--|

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KARABINERS

- | | |
|---|---|
| <ul style="list-style-type: none"> > Karabiner 18mm opening TAK > Karabiner 20mm opening TAK > Karabiner 26mm opening TAK | <ul style="list-style-type: none"> > Karabiner 16mm opening screwgate > Karabiner 27mm opening screwgate > Karabiner 65mm opening screwgate |
|---|---|

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We offer an extensive range of lanyards and fall arrestors to provide you with a safety solution that closely matches your work environment.

Specialised materials/finishes are used with Sperian lanyards and fall arrestors to provide additional protection in particular workplace environments. Icons have been used to highlight these features.



LANYARDS AND FALL ARRESTORS

Reducing the free fall distance helps minimise the risk of injury due to a fall from height.

COATED WIRE

The PCL lanyard is ideal for harsh working situations, where the lanyard length may be in contact with sharp edges or hot sparks. A very robust lanyard suiting extreme working situations.

ROPE

Choose rope lanyards when working around slightly abrasive surfaces. The rope lanyard is robust and great in heavier duty applications.

WEBBING

Webbing lanyards are ideal for standard fall arrest applications. They are lightweight, easy to use and do not retain dirt or grime, making them perfect for every day use.

SHARP EDGE

The ideal solution when working near sharp edges, this range provides abrasion resistance and are specifically tested to overcome the risk of failure on sharp edges.



CALCULATING FALL DISTANCE CORRECTLY

The correct calculation of fall distances is imperative for the safe functioning of any fall protection system. Before calculating fall distance, some terms need to be understood.

RESTRAINT

A system whereby a person, wearing fall arrest equipment, is connected to an anchorage that prevents the person from reaching a position at which there is a risk of suffering a free or limited free fall. AS/NZS1891.1 2007 & 1891.4 2009 recently removed the concept of working in restraint. Sperian support the creation of a standard for restraint so have created a document called TIPS - Guidelines for working in Restraint. These guidelines are based on the "Worlds best practice" for working at height. For a copy of this document contact Sperian customer service. People working in restraint must use an anchorage, connection and harness suitable for fall arrest.

WORK POSITIONING

A system which enables a person to work supported in suspension by the use of personal protective equipment in such a way that a fall is partially restrained.

FALL ARREST

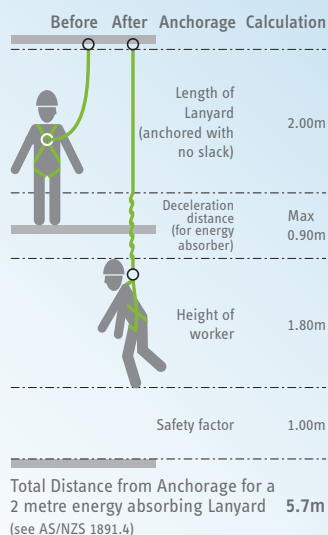
A system whereby a person is safely arrested from a fall by means of personal protective equipment attached to an anchorage point. The maximum free fall allowable is 2 metres.

FALL CLEARANCES

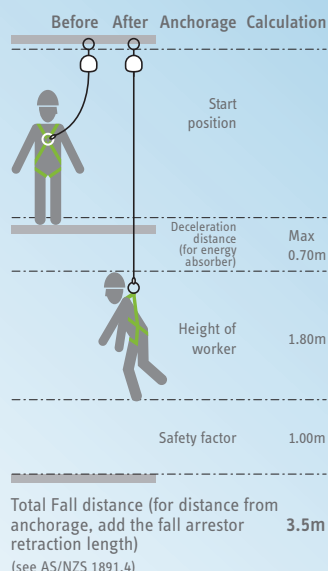
The system must be set up in such a way so the worker will avoid striking a lower level surface or obstacle, and be maintained in a position post fall, to ensure an easy and quick rescue. Each type of fall arrest device will have its own clearance requirements – check AS/NZS 1891.4 for further information.

FALL CLEARANCE REQUIREMENTS

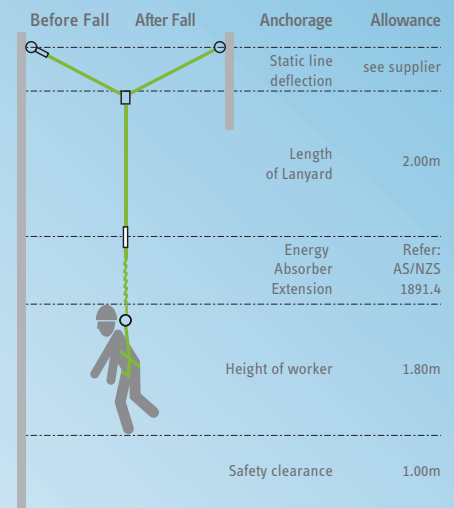
LANYARDS



FALL ARRESTORS



STATIC LINE WITH A LANYARD



LANYARDS

Providing a safe method of attaching your fall protection harness to a secure anchorage point.



Miller Manyard® Energy-Absorbing Lanyard

The Manyard lanyard is unsurpassed in the market for safety, comfort and mobility.

- > Contracts from 1.8m to 1.2 m to reduce tripping, snagging or dragging.
- > Specially woven shock absorbing inner core reduces fall forces.
- > No energy absorber "pack" makes it more comfortable to use.
- > Heavy duty tubular outer sleeve serves as a back up lanyard.
- > Unique warning flag provides visual proof of a sustained fall.
- > Grid label allows easy recording of inspection dates.

M1010024 2M - 19MM WITH HOOKS EACH END



Miller Sharp Edge Lanyard with Energy Absorber

The Sharp Edge Lanyards developed by Miller offer workers the ideal solution when working near sharp edges.

- > Ideal solution when working near sharp edges.
- > Manufactured from robust 12mm sharp edge rated Kernmantle rope.
- > External energy absorber which allows for visual indication of a sustained fall.
- > Available with a variety of connector options to suit different applications.
- > Adjustable lanyards allows the user to minimise fall risks by adjusting the lanyard to suit the job.

L11FEC2.0 WITH 6650 HOOKS **L28FEC2.0** WITH TAK EACH END

LA11FEC2.0 ADJUSTABLE WITH 6650 HOOKS **LA28FEC2.0** ADJUSTABLE WITH TAK EACH END

LD10FEC2.0 DOUBLE LANYARD 64MM HOOKS **LAD10FEC2.0** ADJUSTABLE DOUBLE LANYARD 64MM HOOKS



Miller Webbing Lanyard with Energy Absorber

Heavy duty lightweight polyester webbing lanyard with integral energy absorber.

- > 35mm heavy duty lightweight polyester webbing.
- > Integral compact energy absorber.
- > Reliable visual inspection if a fall has been taken.
- > 19mm double acting hooks each end.
- > Available in a variety of lengths and hook options to suit your specific requirements
- > Double webbing allows for access to different areas of a building or tower.

L11WEC2.0 2M 19MM HOOKS **L11WEC1.5** 1.5M 19MM HOOKS **L11WEC1.2** 1.2M 19MM HOOKS

LD11WEC2.0 2M TWIN 19MM HOOKS **LD12WEC2.0** 2M DOUBLE WEBBING

L15WEC COMPACT ENERGY ABSORBER WITH SOFT EYES EACH POINT



Miller Flame Retardant Lanyard with Energy Absorber



Designed for use in applications where hot sparks or molten materials may come in contact with the lanyard.

- > 100% Kevlar® webbing improves strength and provides resistance to high temperatures, sparks and molten material.
- > Integral compact energy absorber.
- > 19mm double acting hooks at each end.
- > Suited to welding, grinding and harsh work environments.
- > Adjustable and twin end hook versions are available to suit your specific requirements.

L11KEC2.0 2M KMAX WITH 19MM HOOKS EACH END

LA11KEC2.0 2M KMAX ADJUSTABLE WITH 19MM HOOKS EACH END

LD11KEC2.0 2M KMAX TWIN WITH 19MM HOOKS EACH END



Miller Stretchstop® Lanyard with Energy Absorber

A unique stretchable lanyard design that minimises the length of the lanyard preventing tripping or snagging.

- > Elastic inner core contains the unextended length of webbing.
- > Integral compact energy absorber.
- > Outer load bearing tubular polyester webbing provides strength and durability.
- > Reliable visual inspection if a fall has been taken.
- > Available in a variety of lengths and hook options to suit your specific requirements.

STRETCHSTOP 2M WITH 19MM HOOKS EACH END

L11SEC1.5 1.5M WITH 19MM HOOKS EACH END

L12SEC2.0 2M WITH 64MM HOOK ONE END AND 19MM OTHER

LD18SEC2.0 2M TWIN WITH 56MM HOOKS EACH END



Miller Adjustable Lanyard with Energy Absorber

Levigator adjustable lanyards offer unique versatility whilst working at height.

- > Patented design with printed increments every 200mm.
- > Easy to adjust and see the working length of the lanyard.
- > Integral compact energy absorber.
- > Brightly coloured webbing which increases worker visibility.
- > Available in a choice of lanyard terminations which enables greater worker flexibility.

M1010004 2M WITH 19MM HOOKS EACH END **M1010005** 2M WITH 19MM HOOK AND 55MM HOOK

M1010006 2M WITH TRIPLE ACTING KARABINERS EACH END

LANYARDS

Providing a safe method of attaching your fall protection harness to a secure anchorage point.



Miller Rope Lanyard with Energy Absorber

Robust rope lanyard suitable for working around slightly abrasive surfaces and heavy duty applications.

- > 12mm polyester rope.
- > Integral compact energy absorber
- > Reliable visual inspection if a fall has been taken.
- > 19mm double acting hooks at each end.
- > Great in heavier duty applications.
- > For use in fall arrest situations, where the free fall does not exceed 2m.
- > Suitable for situations where working around slightly abrasive surfaces.

L11REC2.0 2M - 19MM HOOKS AT EACH END



Miller Adjustable Kernmantle Rope Lanyard with Energy Absorber

The Adjustable Kernmantle Rope lanyard offers workers the flexibility to easily adjust the length of their lanyard to suit any fall arrest application.

- > Allows the user to minimise fall risks by adjusting the lanyard to suit the job.
- > Manufactured out of robust 11mm Kernmantle rope for greater abrasion resistance.
- > Maximum length of adjustment is 2mtrs.
- > Fully adjustable down to 850mm.
- > Integral compact energy absorber smoothly expands for greater shock absorption.

M1010034 2M ADJUSTABLE KERNMANTLE ROPE WITH TAK

M1010056 5M ADJUSTABLE KERNMANTLE ROPE WITH TAK

M1010043 2M DOUBLE ADJUSTABLE KERNMANTLE ROPE WITH TAK AND SCAFFOLD HOOKS



Miller Retractable Webbing Lanyard

Lightweight, easy to operate, retractable lanyard with swivel hook at the bottom to allow greater mobility whilst in use.

- > Lightweight type 2 fall arrestor.
- > 2.5m of retracting webbing.
- > EN360 certified (AS/NZS 1891.3 compliant).
- > Swivel hook at bottom & karabiner at top.
- > High impact flexible outer casing.
- > Traditional "seat belt" style unit with opening at bottom for easy retraction and operation.
- > High Impact flexible PVC outer casing.
- > Recommended for overhead use only.

1010893 2.5M RETRACTABLE LANYARD



Miller Plastic Coated Wire Lanyard with Energy Absorber

Robust wire lanyard suitable for extreme work environments especially around sharp edges or hot sparks.

- > 11mm plastic coated galvanised wire.
- > Integral compact energy absorber
- > Reliable visual inspection if a fall has been taken.
- > 19mm double acting hooks each end.
- > Suitable for harsh working situations, where the lanyard length may be in contact with sharp edges or hot sparks.
- > This lanyard is very robust and suits extreme working situations.

L11PEC2.0 2M - 19MM HOOKS AT EACH END



Miller Tie-Back Lanyard with Energy Absorber

Lanyard can be safely tied back onto itself over an anchorage point.

- > A revolutionary hook allowing the lanyard to tie back onto itself.
- > Tie back hooks will withstand forces of up to 22kN at any angle.
- > Reliable visual inspection if a fall has been taken.
- > Integral compact energy absorber
- > Provides greater flexibility on site with less set up time.
- > Easier and faster inspection.

L26WEC2.0 2M TIE BACK LANYARD

FALL ARRESTORS

Personal fall arrestors can limit a fall to within millimetres.



Miller TurboLite™ Fall Arrestor

Extremely compact, light and compliant retractable Fall Arrest Block designed for use as a personal fall limiter.

- > Retractable technology prevents trip hazards while built in swivel prevents lifeline twisting.
- > Arrests a fall within millimetres.
- > Provides 2m working capacity lifeline.
- > Extremely compact and lightweight with strong, impact resistant nylon housing.
- > Connector bracket can be retrofitted to any TurboLite model and easily transforms two TurboLite PFLs into a complete tie-off fall protection system.
- > Eliminates need for different fall protection equipment to address fall clearance.
- > Can be used in horizontal and foot level applications where an overhead anchorage point is unavailable (refer to supplementary instructions on horizontal usage).

MFL-1/2M-AUS 2M STEEL TWISTLOCK KARABINER AND 19MM SNAP HOOK **MFL-2/2M-AUS** 2M STEEL TWISTLOCK KARABINER AND SCAFFOLD HOOK **MFL-3/2M-AUS** 2M NO TOP ATTACHMENT AND 19MM SNAP HOOK **MFL-12/2M-AUS** 2M ALUMINIUM TWISTLOCK KARABINER AND SCAFFOLD HOOK **1017900** 2M TWISTLOCK KARABINER AND ALUMINIUM SNAP HOOK **MFLB** TWIN TURBOLITE D-RING CONNECTOR BRACKET **MFL-13/2M-AUS** 2M TAK EACH END



ACTUAL SIZE: 99.3MM HIGH X 82.6MM WIDE X 61.5MM DEEP



Miller Scorpion™ Fall Arrestor

An affordable lightweight compact type 2 fall arrestor, limits free falls and offers greater mobility.

- > Small and lightweight design.
- > Visual load indicating hook shows when unit has taken a fall.
- > 2.7m of webbing working capacity.
- > Corrosion resistant internal components, encased in a high impact polymer cover.
- > Available with triple acting karabiner terminations (TAK).
- > Quick activating stainless steel braking system limiting free fall to a minimum.
- > No annual factory recertification required
- > Fully compliant to AS/NZS 1891.3

1008587 SCORPION FALL ARRESTOR WITH SWIVEL HOOK
PFL2.5M-11/-AUS SCORPION FALL ARRESTOR WITH TAK TERMINALS



Miller Scorpion™ Sharp Edge Fall Arrestor



Provides workers with an effective fall protection solution when working near Sharp Edges

- > Ideal solution when working near sharp edges.
- > Manufactured from 25mm Polyamide sharp edge rated webbing.
- > Compact and light weight.
- > No annual factory recertification required.
- > Quick activating stainless steel braking system limiting free fall to a minimum.
- > Corrosion resistant internal components.
- > Stainless Steel / Aluminium body encased in a high impact polymer cover.

1016840 WITH STEEL SCREWGATE KARABINER AND SNAP HOOK 2.6M

1016841 WITH STEEL SCREWGATE KARABINER AND SNAP HOOK 2.7M



Miller Black Rhino™ Fall Arrestor

Lightweight but tough fall arrestor with stainless steel wire to keep you safe in the harshest working environments

- > Quick activating high strength stainless steel braking system.
- > Integral load indicator shows if a fall has been taken.
- > Integral internal shock absorber limits fall forces to under 4kN.
- > Corrosion resistant stainless steel and aluminium components
- > Available with triple acting karabiner terminations (TAK).
- > Suits concrete construction, welding, steel erection and food processing applications

CFL2.7M-7/-AUS WITH SWIVEL HOOK

CFL2.7M-8/-AUS WITH TAK



Miller MiniLite® Fall Arrestor

MiniLite fall arrestor is a type 2 fall arrestor with a quick activating braking system limiting a free fall to millimetres.

- > Corrosion resistant interior.
- > Visual load indicator, shows the unit has been involved in a fall.
- > Integral compact energy absorber
- > High impact protective outer cover.
- > Lightweight design.
- > 3m of retractable polyester webbing working capacity.
- > Swivel hook termination.
- > Compact design fits in your palm.
- > Fully compliant to AS/NZS 1891.3 as a type 2 fall arrest device.

FL3M WITH SWIVEL HOOK

FALL ARRESTORS

Personal fall arrestors can limit a fall to within millimetres.



Miller Falcon™ Fall Arrestor

Nearly indestructible. Falcon™ fall arrestors are designed to withstand the harsh rigors of the toughest applications.

- > Unique side pay out design reduces entry guide and cable wear.
- > "No annual factory re-certification" lowers costs and downtime.
- > Load indicating hook identifies unit removal from service.
- > Corrosion-resistant stainless steel and aluminium internal components.
- > Lightweight composite housing increases durability and ease of handling.
- > Built-in, ergonomically-designed molded handle on the 15m and 20m units.

1011728 6M GALVANISED WIRE **1011742** 10M GALVANISED WIRE **1011746** 15M GALVANISED WIRE
1011750 20M GALVANISED WIRE **1028680** 6.2M STAINLESS STEEL WIRE
1028681 10M STAINLESS STEEL WIRE **1028682** 15M STAINLESS STEEL WIRE
1028683 20M STAINLESS STEEL WIRE **1016794** 6M WEBBING WITH SCAFFOLD HOOK
1016796 6M WEBBING WITH SNAP HOOK **1028812** OFFSHORE WINDMILL KIT



Miller MightyLite™ Fall Arrestor

The MightyLite fall arrestor range offers comprehensive choices to suit many applications.

- > Durable corrosion resistant construction.
- > Stainless steel internal components.
- > Swivel top and bottom attachments minimise lifeline twisting.
- > Easy to carry and install, ideal for hard to mount locations.
- > Integral fall indication hooks.
- > Suited to construction, industrial access and warehousing.
- > Fully compliant to AS/NZS 1891.3 as a type 2 fall arrest device.
- > Gal wire and webbing options

RL6MG 6M GAL WIRE **RL10MG** 10M GAL WIRE **RL15MG** 15M GAL WIRE **RL20MG** 20M GAL WIRE
RL30MG 30M GAL WIRE **RL40MG** 40M GAL WIRE **RL6MP** 6M WEBBING **RL54MG** 54M GAL WIRE
RL54MS 54M STAINLESS STEEL



Stopmax Vision

The basic range of fall arrest blocks provides workers with a cost effective alternative

- > Factory re-certification required only after three years (instead of yearly).
- > Stainless steel and aluminium components.
- > Does not include hook. Snap hook or karabiner must be purchased separately.
- > Quick inspection and repair.
- > High impact-resistant housing.
- > Lightweight (5 kg for 10m model).
- > Built-in handle for transport.

1029571 5M **1029574** 10M **1029579** 20M

KARABINERS

Karabiners act as a connection point between harness and ancillary fall arrestor, or between fall arrestor and anchorage point



Karabiner 18mm Opening (TAK)

- > Forged steel
- > Captive D, triple acting.
- > 30kN strength.

91326 TRIPLE ACTING

91326-10 TRIPLE ACTING PACK OF 10



Karabiner 20mm Opening (TAK)

- > 35kN strength
- > Triple acting mechanism
- > Stainless Steel

M1030069 TRIPLE ACTING



Karabiner 26mm Opening (TAK)

- > 50kN strength
- > Stainless Steel
- > Triple acting mechanism

M1030075 TRIPLE ACTING



Karabiner 16mm Opening

- > Alloy steel.
- > Screwgate.
- > 22kN strength.

501 SCREWGATE

501-10 SCREWGATE PACK OF 10



Karabiner 27mm Opening

- > Alloy steel.
- > Screwgate.
- > 50kN strength.

566 SCREWGATE

566-10 SCREWGATE PACK OF 10



Karabiner 65mm Opening

- > Drop forged alloy.
- > Twist to open.
- > 35kN strength.

502 DOUBLE ACTING TWIST



Connector

- > Tube nut connectors.
- > Oval or tri-sided.

51528 OVAL CONNECTOR

51529 TRI-SIDED CONNECTOR



Scaffold Hook

- > Double acting scaffold hook.
- > Forged alloy steel.
- > 56mm or 64mm opening.

M1030003 64MM SCAFF HOOK

M1030004 56MM SCAFF HOOK



ANCHORAGE

The third component of a fall safety system- Miller anchorage devices and static lines provide safe anchorage for your lanyard or fall arrestor.

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ANCHORAGE

Providing a safe method of securing lanyards and fall arrestors in a variety of workplace applications.



Anchorage Lines

- > Available as a standard anchorage line in different lengths, or with a type 1 fall arrest device attached to the line.
- > Type 1 fall arrestor moves along rope, and locks in the event of a fall.
- > Available in 12mm 3 strand hawser laid polyester rope (standard)
- > Perfect for use as a back up line when using winches or fall arrestors.

M1070008 15M WITH TYPE 1 FALL ARRESTOR. 12MM ROPE **M1070019** 15M WITH TYPE 1 FALL ARRESTOR. 11MM KERMANTLE ROPE **M1010040** 2M WITH ROPE ADJUSTER. 11MM KERMANTLE ROPE
BASIC ANCHORAGE LINES ARE ALSO AVAILABLE.

A23RB15 15M POLYESTER WITH 19MM HOOK
A23RB20 20M POLYESTER WITH 19MM HOOK



Rope Adjuster

- > Type 1 fall arrest device which locks off on the rope at any point.
- > Suits 12mm polyester rope or Miller 11mm Kernmantle rope.
- > Manually operated to move up and down the line.
- > Suited to horizontal line work.

ROPE ADJUSTER 12MM



Sharp Edge Anchorage Line



- > Manufactured from robust 12mm sharp edge rated kernmantle rope
- > Type 1 fall arrestor moves along rope, and locks in the event of a fall.
- > For applications where fall protection equipment may come into contact with a sharp edge.
- > Perfect for use as a back up line when using winches or fall arrestors.

M1070024 15M WITH TYPE 1 FALL ARRESTOR



Kiblock

- > Type 1 fall arrest device.
- > Openable and can be attached to rope at any point.
- > Manually operated to move up and down the line.
- > Suits both 12 and 16mm polyester rope or Miller 11mm Kernmantle rope.

KIBLOCK 12 AND 16MM UNIT



Rocker Rope Lock

- > Versatile fall arrest system, for use with manual descender for technical rope access or rescue.
- > Manual and automatic rope grab.
- > Length adjuster for positioning of lanyard.
- > Locking catch can be activated to hold rocker in position on the rope.
- > Use with 12mm polyester rope or Miller 11mm Kernmantle rope.

1007031 ROCKER ROPE LOCK



Altochute

- > Type 1 fall arrest device.
- > Openable, attaches to rope at any point.
- > Automatically locks onto the rope in the event of a fall.
- > Suits 12mm or 16mm polyester rope.
- > Suited to both horizontal and vertical line work.

ALT/12 ALTOCHUTE 12MM
ALT/16 ALTOCHUTE 16MM



Cross Arm Slings

- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor.
- > With large and small alloy dee each end.
- > Chokes through itself around a suitable anchorage point.
- > Lanyard attaches via small alloy dee ring.
- > For single person use only.

CAS1 CROSS ARM SLING 1M
CAS2 CROSS ARM SLING 2M



Wire Tie-Off

- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor.
- > 6mm plastic coated galvanised wire.
- > Thimble eyes at each end.
- > Suited for use over sharp edges or in welding environments.
- > For single person use only.

PCL1 PLC TIE OFF PLASTIC COATED WIRE 1M



Webbing Tie Off

- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor.
- > 1m anchorage strap with dee ring one end and reversed eye other.
- > Protective sleeve prevents webbing wear.
- > Lanyard attaches via small dee ring.
- > For single person use only.

ME1009 DEE REVERSED EYE TIE OFF



Webbing Tie-Off Adaptor

- > Quick and easy set up of a temporary anchorage for a lanyard or fall arrestor.
- > Wraps around an anchorage point providing a suitable connection.
- > Made from 25mm Day-Glo webbing
- > Single person anchorage point.

WT01M 1M WEBBING TIE OFF ADAPTOR
WT02M 2M WEBBING TIE-OFF ADAPTOR



Extender Hook

- > The Extender hook allows the user to attach to a secure anchorage point overhead at any height of up to 7.5m.
- > Lightweight fibreglass telescopic pole (2.6m retracted).
- > Aluminium hook with 63mm throat opening.
- > Use in conjunction with an anchorage line as a first man up system.
- > Ideal for riggers, linesmen and tower workers.

EXTEND/HK EXTENDER HOOK



Drop Line Weight Bag

- > Used to keep an anchorage line taut.
- > Enables easier movement of a rope grab device.

M1004 DROP LINE WEIGHT BAG

ANCHORAGE

Providing a safe method of securing lanyards and fall arrestors in a variety of workplace applications.



Miller Anchor Grips™

- > Portable Re-usable anchorage connectors designed for use in concrete applications.
- > Insert in correct sized, cured concrete hole.
- > Designed for vertical or overhead/ceiling surface applications.
- > Made of stainless steel, aluminium and non corrosive materials.
- > 497 suits dual user when used with a horizontal lifeline system.

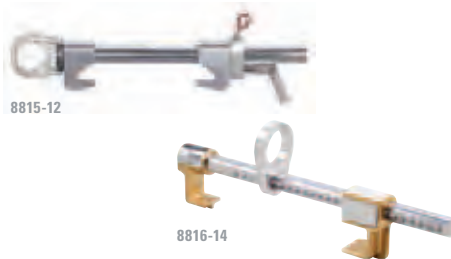
496 SINGLE USE 3/4" DIA HOLE ANCHOR GRIP
497 DUAL USE 1" DIA HOLE ANCHOR GRIP



Anchorage Connector

- > Drop forged alloy steel.
- > With grade 9 nut and lock washer.
- > Maximum tensile strength of 22kN.
- > Connector weighs approx 309g.

91310 FIXED BOLT ANCHORAGE CONNECTOR



Beam Anchors and Clamps

- > Designed for use on 'I' beams, providing either a fixed or trailing anchorage point for workers.
- > 8814-12 slides along the beam behind the worker. Adjustable to suit the width of a beam from 101mm to 304mm
- > 8816-14 is designed to trail hands-free behind a worker. Adjustable to suit the width of a beam from 76mm to 355mm.
- > 8815-12 is to be clamped in a stationary position onto the beam. Adjustable to suit the width of a beam from 101mm to 304mm.

8814-12 SHADOW BEAM ANCHOR
8816-14 SLIDING BEAM CLAMP
8815-12 FIXED BEAM ANCHOR



Anchorage Connector

- > Drop forged alloy steel.
- > Clearance hole for 1 bolt.
- > Maximum tensile strength of 22kN.
- > Connector weighs approximately 450g.

91311 BOLT THROUGH ANCHORAGE CONNECTOR



Manulink™ Anchorage

- > Used to hook personal protective equipment to a structure.
- > Tong opening style anchorage connector.
- > Suitable for one person anchorage 15kN.
- > Medium size to suit a structure up to 75mm in diameter.
- > Large size to suit a structure up to 100mm in diameter.

82-302 MEDIUM 75MM MANULINK
82-303 LARGE 100MM MANULINK



Turnable Anchorage Eyes

- > Single person Fall Arrest Anchor Point
- > Compact, light weight rotates/swivels 360°.
- > M16 bolt of suitable length is required to fit the anchor point. Bolt not supplied

25758 ANCHORAGE EYE
25779 SWIVELLING ANCHORAGE EYE

Roof Anchor

The roof anchor provides a safe, secure anchorage point for maintenance, and roof work.

- > Right angled anchor plate clamps securely onto a roof edge.
- > Curved arm suited to corrugated roofs.
- > Screws clamp onto roof for extra stability.
- > For single person use only.
- > May be used for fall arrest applications.
- > May be used for restraint applications.
- > Attach to a structure which conforms to the load requirements in AS/NZS 1891.4
- > Suits all roofwork including: Tiling, air-conditioning and antenna installer/repairer, electrician, builder, solar panel installation

M1030048 ROOF ANCHOR



Miller Ladder Grip

Low profile ladder bracket/fall arrest anchor point that can be permanently attached to the roof to prevent a ladder from moving/tipping over

- > Can be used as a Fall Arrest Anchor Point for 1 person.
- > Complete with a handle to hold on to when getting on to and off the roof.
- > Each unit is fitted with a weather seal and is supplied with mounting rivets.
- > Can be mounted on a single ridge or across multiple ridges.
- > Low profile design for minimal visual intrusion.
- > Easy to install.

M1030061 MILLER LADDER GRIP



Miller Fix Anchor Point

Provides a safe and secure anchor point for maintenance and roof work.

- > Can be used as a Fall Arrest Anchor Point for 1 person.
- > For Xenon and other lines it can be used as a support of intermediates (such as the Xenon (1010609)).
- > Each unit is fitted with a weather seal and is supplied with mounting rivets.
- > Easy to install.
- > Not designed for use on roofs fitted with gutters.

M1030055 MILLER FIX ANCHOR POINT



Miller Roof Clamp

The Miller Temporary Roof Clamp provides a safe and secure anchorage point for maintenance and Roof work.

- > Single Person Fall Arrest Anchor Point.
- > Easy installation - clamps on to roofing material quickly and easily.
- > Complete in Orange for high visibility.
- > Should be attached to a structure which conforms to the load requirements in AS/ NZS 1891.4.2009.

M1030067 MILLER ROOF CLAMP

TEMPORARY STATIC LINES

Safe anchorage where access along a length of area is required on a temporary basis.



Miller SkyGrip™ Temporary Static Line System

Designed for easy installation on steel or concrete applications. A variety of innovative features have been engineered into these new systems, making them extremely user friendly with enhanced safety considerations.

- > Compact and lightweight for easier handling, installation and storage.
- > Above-the-beam adjustment – patent-pending design allows for easy one-person installation and dismantle, increasing safety and productivity.
- > Continuous pass-through design – 100% tie-off connection with multi-span systems.
- > Stanchions also serve as single-point anchorages.
- > Single-span systems (no intermediate stanchions) up to 60 ft. (18.3m);
- > Tension indicator ensures that system is always tensioned adequately
- > Interchangeable bases between steel and concrete applications
- > SkyGrip energy absorber engineered to keep system forces consistent during a fall.

SKYGRIP SYSTEMS FOR STEEL APPLICATIONS

STANDARD BASE FIT BEAM FLANGES .1 TO .5M WIDE AND UP TO 57.2MM THICK. COMPLETE SYSTEM INCLUDES STANCHIONS, ENERGY ABSORBER(S), LINE TENSION INDICATOR, TURNBUCKLE, CABLE AND HARDWARE.

SGS18/60FT SYSTEM FOR 2 WORKERS, NO INTERMEDIATES. 60FT (APPROXIMATELY 18M) INCLUDES 2 STANCHIONS AND 1 ENERGY ABSORBER

SGS18/120FT SYSTEM FOR 4 WORKERS, 1 INTERMEDIATE. 120FT (APPROXIMATELY 36M) INCLUDES 3 STANCHIONS, 1 PASS THROUGH BRACKET FOR INTERMEDIATE AND 2 ENERGY ABSORBERS

SKYGRIP SYSTEMS FOR CONCRETE APPLICATIONS

ATTACH TO REBAR, COIL INSERTS OR CONCRETE EXPANSION BOLTS COMPLETE SYSTEM INCLUDES STANCHIONS, TIE-BACK BRACKETS, CHAIN CONNECTORS, SLIDER BRACKETS, ENERGY ABSORBER(S), LINE TENSION INDICATOR, TURNBUCKLE, CABLE AND HARDWARE.

SGC/60FT CONCRETE APPLICATIONS. SYSTEM FOR 2 WORKERS, NO INTERMEDIATES 60FT (APPROXIMATELY 18M) INCLUDES 2 STANCHIONS AND 1 ENERGY ABSORBER

SGC/120FT CONCRETE APPLICATIONS. SYSTEM FOR 4 WORKERS, 1 INTERMEDIATE, 120FT (APPROXIMATELY 36M) INCLUDES 3 STANCHIONS, 1 PASS THROUGH BRACKET FOR INTERMEDIATE AND 2 ENERGY ABSORBERS

CABLE FOR STEEL AND CONCRETE SYSTEMS

SGLLK/60FT LIFELINE CABLE 60 FT (APPROX 18M) CABLE ONLY

SGLLK/120FT LIFELINE CABLE 120FT (APPROX 36M) CABLE ONLY



Miller Techline™ Temporary Static Line Kit

Premium temporary horizontal rope lifeline for up to 2 workers with abrasion resistant low-stretch rope

- > Low stretch rope lifeline for better performance and less deflection.
- > 16mm Fluorescent Green lifeline.
- > Accommodates 2 workers.
- > Light weight, quick and easy to install increasing productivity.
- > Water proof bucket for easy storage.
- > Cross arm anchor straps for easy installation.
- > Connecting "O" rings for greater mobility
- > Shock absorber pack reduces fall arrest forces.
- > Rope lifeline adjuster to accommodate required length.

HLLR2/30FT TEMPORARY HORIZONTAL LIFELINE SYSTEM FOR 2 WORKERS 30FT (APPROX 9M)

HLLR2/60FT TEMPORARY HORIZONTAL LIFELINE SYSTEM FOR 2 WORKERS 60FT (APPROX 18M)



Rope Temporary Static Line

Ideal for situations where accessibility along a length of an area is required on a temporary basis.

- > Hawser laid 16mm nylon rope.
- > Harip tensioning device for precision tension.
- > 2 person system for fall arrest.
- > Kit complete with split running blocks, web tie-offs and karabiners.
- > Packed into a carry bag for easy transportation site to site.
- > To suit applications in construction, maintenance and roof work.

SR01 ROPE TEMPORARY STATIC LINE 20M

SR02 ROPE TEMPORARY STATIC LINE 30M



Webbing Temporary Static Line

Lightweight 20m webbing temporary static line kit with ratchet tensioner for 2 person use.

- > 20m webbing with ratchet tensioner.
- > Easy to install and remove from site.
- > Complete with storage bag sewn to line.
- > For use by up to 2 people.
- > To suit applications in construction, maintenance and roof work.

3501418 WEBBING TEMPORARY STATIC LINE

RESCUE SYSTEMS

Providing safe anchorage for work positioning and rescue in a variety of workplace applications.



Miller Manhandler™ Winch

The Miller ManHandler winch is the perfect solution for work positioning of personnel and emergency rescue.

- > Compact durable steel construction with 159kg max working load.
- > Smooth controlled winding action.
- > Effortless lifting and lowering with a 5:1 gear ratio.
- > 18m or 30m galvanised cable.
- > Anti backlash crank handle braking system prevents freewheeling.
- > Built in mounting bracket for addition to the Miller tripod.

MAN/WIN MANHANDLER WINCH 18M

MAN/WIN 30 MT MANHANDLER WINCH 30M



Miller Davit Base and Arm

The Davit arm and base are coupled together to provide a fixed anchorage point for work winches or rescue systems.

- > Davit arm will swivel and can be removed from the base.
- > The unit is designed principally around the lifting of personnel.
- > Anchor point suited to fall arrest.
- > Suited to confined space, industrial access and rescue applications.

DL 120B DAVIT BASE **DL 120DA** DAVIT ARM



Miller Tripod

The Miller tripod provides an anchorage connector for typical confined space and rescue systems.

- > Available in 2 heights - 2.26m and 2.92m.
- > Lightweight, high strength aluminium construction.
- > Adjustable legs with integral push pins, ideal for uneven surfaces.
- > Independent locking feature holds legs securely in place.
- > Rubber serrated skid pads prevent slippage in icy conditions.
- > Fixed anchorage eye will withstand 22kN in a vertical pull.

TRI/7 MILLER ALUMINIUM TRIPOD 2.26M **TRI/9** MILLER ALUMINIUM TRIPOD 2.92M



Miller Huntsman's Rescue Kit

Designed for situations where a worker in a harness needs to be rescued

- > Complete with 8mm Kernmantle Rope and compact blocks.
- > Telescopic pole adjusts to a 3.6M max.
- > Complete with block and tackle design with a ratio of 4.1 or 5.1 (depending on direction of load) making recovery easier.
- > Complete with Triple Acting Karabiners for secure connection.
- > Available in a variety of sizes.
- > With a compact carry bag for easy transportation.

M1030049 20M **M1030050** 30M **M1030051** 40M
M1030052 50M **M1030053** 60M



Miller Rescue Master Kits

A comprehensive kit specifically designed for assisting in rescue from difficult to access areas.

- > Raise and lower pulleys with a 3:1 ratio.
- > Available in 2 versions, complete kit and light kit.
- > Light kit contains pulleys, rope and tie-off.
- > Complete kit also contains rope grip and chest strap for rescue.
- > Can also be used with Miller tripod or DuraHoist davit system.
- > Kit contains high quality 11mm kernmantle rope.

RM-45M-L RESCUE MASTER LIGHT KIT **RM-45MT** RESCUE MASTER COMPLETE KIT



Miller MightEvac™ Fall Arrestor

The Miller MightEvac fall arrestor includes a quick activating retrieval mechanism for emergency evacuation.

- > Promotes quick and easy rescue with a 4:1 mechanical advantage.
- > Winch for emergency evacuation use only.
- > Mounts easily onto the Miller tripod leg with the bracket.
- > Corrosion resistant stainless steel/ aluminium components.
- > Available with galvanised wire in various lengths, and also with a mounting bracket for use with the Miller tripod.

* Note: not to be used for work positioning.

MR15MGB 15M GAL FALL ARRESTOR WITH TRIPOD BRACKET **MR30MGB** 30M GAL FALL ARRESTOR WITH TRIPOD BRACKET **MR40MGB** 40M GAL FALL ARRESTOR WITH TRIPOD BRACKET

DURAHOIST CONFINED SPACE SYSTEMS

A modular system providing greater workplace flexibility and safety for confined space and rescue.

Miller® DuraHoist™ 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.

Manufactured from powder coated, corrosion resistant, high strength aluminium for easy handling and long service life.



Miller DuraHoist™ Four Piece System

The four piece DuraHoist system is designed for manhole and confined space entry/retrieval applications.

- > Lightweight for easy storage, transport and set-up.
- > DH-3 mast has 22kN capacity fall arrest anchor point.
- > Height of mast can be adjusted according to users requirements.
- > DH-4 has built-in level indicator.
- > Quick release joins for easy collapsibility and transport.
- > Three piece base features adjustable screws for easy set-up.

DH-3 ONE PIECE ADJUSTABLE MAST **DH-4** THREE PIECE PORTABLE BASE **DH-23** LARGE OFFSET UPPER POST **DH-24** WIDE THREE PIECE PORTABLE BASE



Miller DuraHoist™ Portable Anchor Post

DuraHoist portable fall arrest anchor post provides 3 independent swivel tie-off fall arrest anchorage points.

- > DH-AP-1 has three stage, four position telescoping design and aluminium construction for easy transportation and setup.
- > Can be installed for vertical applications or on inclines of up to 15°.
- > DH-AP-3 Rescue Davit Arm can be used with the portable fall arrest anchor post.
- > Quick-attach design addresses materials handling or rescue needs.

DH-AP-1 PORTABLE FALL ARREST ANCHOR POST **DH-AP-3** RESCUE DAVIT ARM





Miller DuraHoist™ Lower Mast Extensions

Providing additional solutions to height-restrictive applications than the DH-3 one-piece mast alone.

- > The maximum number of DH-22 extensions is two (offset upper mast plus two mast extensions).
- > The maximum length of the combined extensions cannot exceed 90 inches (228.6cm). Therefore any combination of two extensions is allowed EXCEPT the DH-22/45 with a DH- 22/57 or two DH-22/57 extensions.
- > All winch and block mounting parts and hardware must be supplied or approved by Miller.
- > Retractable devices or shock absorbers must be installed and used in accordance with the manufacturer's instructions.
- > Masts and Extensions must be used with bases or sleeves approved for use with the applicable mast offset.
- > Where required by regulation, each installation must be approved to applicable standards by a qualified engineer.
- > Must be set up and operated under the supervision of a competent person.

DH-22/21 21 INCH (53.3CM) **DH-22/33** 33 INCH (83.8CM)

DH-22/45 45 INCH (114.3CM) **DH-22/57** 57 INCH (144.8CM)



Miller DuraHoist™ Vehicle Hitch Mount Sleeve

A portable anchor point for confined space entry/retrieval, rescue and fall arrest systems

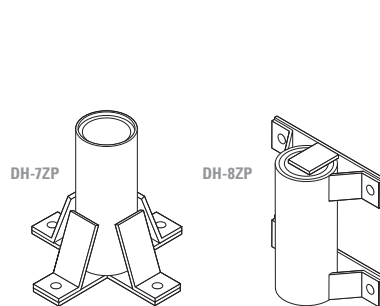
- > Welded Steel/Aluminium.
- > 204Kg working load.
- > Yellow Powdercoated finish.
- > Installs into a 2-in (50.8mm) receiver on an attendant vehicle.

DH-12 VEHICLE HITCH MOUNT SLEEVE FOR MAXIMUM 29 INCH (73.7CM) OFFSET

DH-25 VEHICLE HITCH MOUNT SLEEVE FOR MAXIMUM 48 INCH (121.9CM) OFFSET

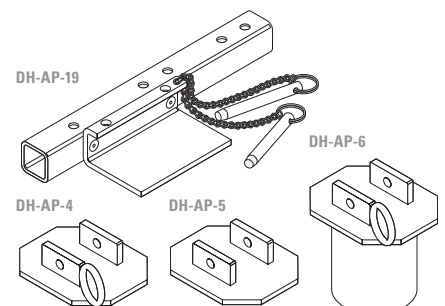
DH-13 VEHICLE HITCH MOUNT EXTENSION 2FT (60.9CM)

DH-13/4FT VEHICLE HITCH MOUNT EXTENSION 4FT (121.9CM)



Miller Mounting Sleeves

- > Wall and floor mounts for horizontal and vertical surfaces.
- DH-7ZP** FLOOR MOUNT SLEEVE SUITABLE FOR MOUNTING ON HORIZONTAL STRUCTURES
- DH-8ZP** WALL MOUNT SLEEVE SUITABLE FOR MOUNTING ON VERTICAL STRUCTURES.



Miller Anchor Plates

- > Available with anchorage point options.
- > Adapter for mounting the MightyEvac and/or ManHandler onto a DuraHoist System.
- DH-AP-4** WITH TIE OFF ANCHORAGE **DH-AP-5** STANDARD ANCHOR PLATE **DH-AP-6** WITH TIE OFF ANCHORAGE FOR INCLINED SURFACES
- DH-19-MILLER** DURAHOIST ADAPTOR BRACKET



Miller SafEscape™ Elite Rescue/Descent Device

The next generation global solution for rescue/descent that meets all applicable safety standards throughout the world.

- > Standards - The SafEscape unit complies to: New EN 341 : 2008, EN 1496, ISO 22159 ANSI Z359.4-2007
 - > No annual factory recertification
 - > User-Rated for up to two (2) workers
 - > Approved for multiple descents
 - > Bi-directional design
 - > Up to 500m (1640 ft.) Lifeline descent capacity
 - > Lightweight and compact design
 - > Optional Hoisting Wheel and/or Ladder Bracket Available
- | | |
|---|---|
| 1028750 RDD WITHOUT HOIST 20M ROPE | 1028752 RDD WITHOUT HOIST 40M ROPE |
| 1028756 RDD WITHOUT HOIST 80M ROPE | 1028769 RDD WITH HOIST 20M ROPE |
| 1028771 RDD WITH HOIST 40M ROPE | 1028775 RDD WITH HOIST 80M ROPE |
| 1029150 ELITE WITH HOIST & HANDLE 20M ROPE | 1029152 ELITE WITH HOIST & HANDLE 40M ROPE |
| 1029156 ELITE WITH HOIST & HANDLE 80M ROPE | 1028788 RDD WITH HOIST & LA 20M ROPE |
| 1028790 RDD WITH HOIST & LA 40M ROPE | 1028794 RDD WITH HOIST & LA 80M ROPE |
| 1029169 WITH HOIST, HANDLE & LA 20M ROPE | 1029171 WITH HOIST, HANDLE & LA 40M ROPE |
| 1029175 WITH HOIST, HANDLE & LA 80M ROPE | 1010191 RESCUE RED BAG MEDIUM |
| 1010190 RESCUE RED BAG LARGE | 1004876 RESCUE TRIANGLE |
| 1007038 SINGLE ALUMINIUM PULLEY | 1028808 EDGE PROTECTOR |
| 1028809 SAFESCAPE T-BAR | M1030064 MILLER TELESCOPIC POLE |



Miller Escape Master

Installed onto elevated working platforms the Escape Master contains rope and a descender for emergency escape.

- > Highly visible load density polyethylene deployment container.
- > Quick release pin on box lid for easy set up.
- > Descent can be easily controlled by the user or the person on the ground.
- > The box is impact resistant and will not shatter allowing re-use.
- > The Escape Master contains high quality 11mm Kernmantle rope.

M1030018 WITH 15M OF ROPE **M1030017** WITH 20M OF ROPE
M1030016 WITH 25M OF ROPE **M1030015** BOX ONLY



Miller Vertical Descent Unit

The DSD-30 vertical descent unit acts so the operator can control the rate at which they descend to the ground.

- > Can be used with up to 2 people simultaneously.
- > Clear roping path printed onto the unit.
- > The unit swings open for easy threading.
- > Double locking with double security handle.
- > Hole for karabiner attachment at bottom (dia 15mm).
- > Stainless steel riveted axis handle.

M1030029 DSD-30 VERTICAL DESCENT UNIT



Miller Bosuns Chair

The Bosuns chair is made to suit a wide variety of situations from confined space to working at height.

- > Features safety body belt and suspension from above the head.
- > Spreader frame enables full use of a safety helmet.
- > Adjustable leg straps with dee rings and snap hooks.
- > Boards made from first grade marine plywood.
- > Webbing loops through and crosses under board for maximum strength.
- > Use in conjunction with full body harness and back up line.

453 BOSUNS CHAIR



Miller Spreader Frame and Universal Spreader Bar

Spreader frames aid in the rescue of victims from confined spaces, especially in a vertical rescue situation.

- > Spreader frame attaches to the confined space loops on a harness.
- > Universal spreader bar karabiners are attached to the harness shoulder strap.
- > Top dee ring can be attached to a raising and lowering device.
- > Wrist loops assist in casualty removal from a confined space.
- > Sturdy frame allows worker to comfortably use a hard hat.

468 FRAME SPREADER FRAME

M1010036 UNIVERSAL SPREADER FRAME

ACCESSORIES

Accessories to complement your height safety system.

Miller Relief Step™ Safety Device

Designed for the temporary prevention of suspension trauma, the Relief Step is adaptable to any full body harness.

- > Compact pack encompassing a webbing strap and foot loop.
- > Attaches easily to ANY full body harness.
- > Assists in allowing circulation until rescue occurs.
- > Pull tab to deploy, and adjust length of foot loop.
- > Two Relief Steps are recommended (one for each leg) for added comfort, balance and better circulation in both legs.

9099X/12 RELIEF STEP PACK 12 9099/1 RELIEF STEP PACK 1

Miller Stretchers

Stretcher options to suit any environmental application from rough terrain to vertical rescues.

- > Evac body splint becomes rigid when wrapped around the casualty and can be lifted vertically or horizontally
- > Flexible polypropylene rolls up for easy transportation and storage.
- > Side loops for horizontal lift with 2-4 men
- > Basket stretcher has welded frame and wooden surface, it is versatile and ideal for winching applications.
- > Lightweight and folds for easy storage
- > Stretcher lift points are welded completely through the bed frame and down one side.

1007046 EVAC BODY SPLINT ST04005A BASKET STRETCHER

Miller Bandit Tool Strap

Used to attach to tools whilst working at height, and act to prevent tools from accidentally falling to the ground.

- > Tool lanyard conveniently attaches to the users belt.
- > Tool attachment via small karabiner or adjustable clinching cord.
- > Elasticised cord for greater worker flexibility.
- > 800mm retracted and 1.2m fully extended.
- > Maximum tool weight 2.26kg.

9077 BANDIT TOOL STRAP

KARABINER SOLD
SEPARATELY



Miller Hand Tool Strap

Used to attach to tools whilst working at height, and act to prevent tools from accidentally falling to the ground.

- > Lightweight webbing with cord one end for tool attachment.
- > Adjustable wrist strap other end for connection to user.
- > 1.1m in length and a maximum tool weight of 5kg.

TL 15 HAND TOOL STRAP **M1020112** HAND TOOL STRAP 10 PACK
M1020113 HAND TOOL STRAP 50 PACK



Miller Sports Carry Bag

The Miller sports carry bag offers users the convenience of a double handled bag, suitable for transporting fall protection gear from site to site

- > Sports carry bag for easy transportation of PPE.
- > Heavy duty double zip top.
- > Perfect for keeping kits and equipment together.

86103 SPORTS CARRY BAG



ENGINEERED SOLUTIONS

When safety and productivity are on the line, there is no room for compromise. That's why architects and engineers have trusted Söll Fall Protection products from Miller for more than three decades.

CONTENTS

HORIZONTAL SYSTEMS

- > Söll Xenon Lifeline
- > Söll Xenon Overhead Lifeline
- > Söll Multirail Guided Rail

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VERTICAL SYSTEMS

- > Söll Vi-Go Cable system

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VERTICAL AND HORIZONTAL SYSTEMS

- > Söll Glideloc® Systems

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Most approved systems look good on paper, and achieve an acceptable level of safety, but there are important differences in design and application. To be sure you choose the best system you need to evaluate the features, function, ease of use, durability, maintenance, time, cost and long term value.

Sperian Fall Protection, now part of Honeywell, is the leading manufacturer of permanent horizontal and vertical fall protection systems.

STANDARDS

Söll GlideLoc Systems, Xenon Systems, and MultiRail Systems, offer permanent solutions for vertical climbing and horizontal access. Söll GlideLoc Systems conform to EN353-1 and MultiRail and Xenon Systems conform to EN 795 Class C.

Part 3 of AS/NZS 1891 stipulates the acceptance of using material supplied from overseas that complies with EN 353-1, EN 353-2, and EN 360, in Australia and New Zealand.

Part 4 of the AS/NZS 1891 standard covers the general requirements and recommendations for safe working at heights. This part of the AS/NZS standard also outlines the need for a 12 month inspection interval for all vertical and horizontal lifelines and rail systems. It also indicates the need for inspection on all fall arrest devices used in conjunction with the system.

SAFETY FIRST

International design, safety standards and regulations require employers and designers to consider the avoidance or reduction of a foreseeable risk to any person working at height.

From engineering through to construction and tower management, a permanent height access system allows for heavy usage, year after year with minimal maintenance, while offering increased safety and improving user comfort.

There are a large number of rules and regulations which oblige companies to take suitable protective measures against falls (health and safety rules, workplace regulations, work association rules and regulations, etc.). Equipment preventing people from falling must be present at all workplaces and on walkways at which there is a risk of falling from heights of more than 2 metres.

On the following pages we present the various systems for protecting against falls, their components and their areas of application in more detail.

TYPES OF SYSTEMS

There are 5 systems with their own unique features and benefits.

SÖLL XENON HORIZONTAL LIFELINE

A permanent static line system which has been intelligently designed to suit both straight and curved installations.

It is simple to install, and easy to maintain. Adaptable to both 8mm and 10mm cable, this system complies with all of the major international safety standards.

Suggested Applications:

• Warehousing • Factories • Roof work • Hangers • Crane & runway maintenance

SÖLL XENON OVERHEAD HORIZONTAL LIFELINE

A permanent static line system which has been intelligently designed to suit both straight and curved installations.

It is simple to install, and easy to maintain. Adaptable to both 8mm and 10mm cable, this system complies with all of the major international safety standards.

Suggested Applications:

• Warehousing • Factories • Roof work • Hangers • Crane & runway maintenance

SÖLL MULTIRAIL HORIZONTAL RAIL SYSTEM

A smooth guided rail system which can be adapted to the structural conditions of a particular environment, and can easily be used on a straight run or around corners. MultiRail is most suitable for horizontal applications.

Suggested Applications:

• Flat or steep roofs • Hangers • Shipyards • Working platforms on masts and buildings • Cranes • Industrial plants



SÖLL VI-GO VERTICAL CABLE SYSTEM

Vi-Go is a fall protection system that can be retro-fitted onto existing climbing devices such as ladders or rungs.

Suggested Applications:

• Wind turbines • Telecommunications • Power Stations • General Industry

SÖLL GLIDELOC® HORIZONTAL & VERTICAL LADDER SYSTEM

GlideLoc® technology is a guided type 1 fall arrestor used in conjunction with fixed ladder elements of the system.

Suggested Applications:

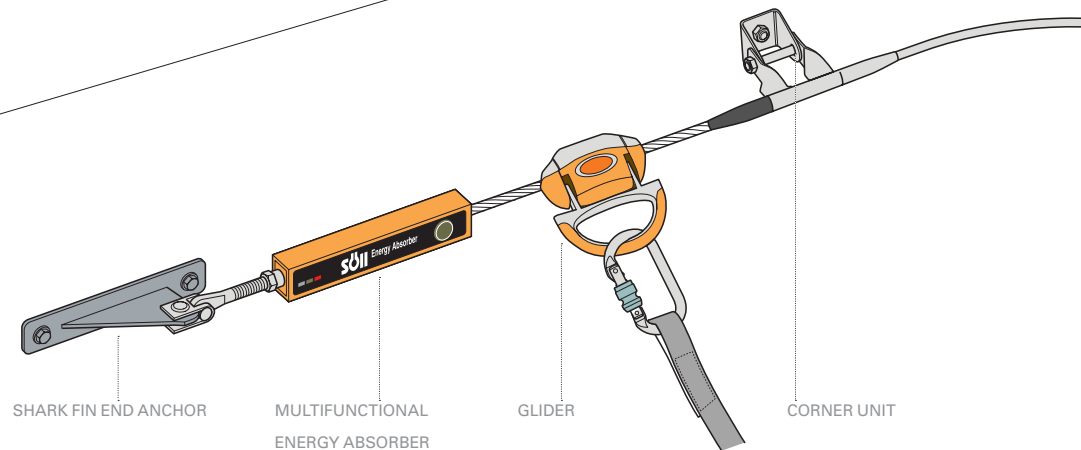
• Power stations • Utilities • Railways • Telecommunications • Oil platforms • Shipbuilding • Building and façade work • Crane installations • Shafts and manholes • Loading/unloading stations • Chimney and industrial plant engineering

SÖLL XENON HORIZONTAL LIFELINE

The Xenon system allows workers to be restrained from reaching a point where a potential fall hazard exists and also provides fall arrest protection in the event of a fall.

It's functional design was developed to allow increased freedom of movement at any angle and it is adapted to any style of work at height, be it in a straight line or installations around corners and bends. Due to its versatility, simplicity

and minimal maintenance, the Xenon Horizontal Lifeline is the perfect tool for engineers, contractors and architects to provide secure access on new and existing buildings.



Shuttle

The Söll Xenon Horizontal Lifeline Shuttle represents a revolutionary design with many innovative benefits.

- > Improved safety with a double locking mechanism.
- > User can connect and disconnect easily anywhere along the cable.
- > Ergonomically designed, oversized handle allows use of any certified connector.
- > Resistance to the environment - made of stainless steel with few moving parts, ideal for sandy, gritty or salty environments.

1005709 SHUTTLE SUITS BOTH 8MM AND 10MM SYSTEMS

Intermediate Bracket and Corner Units

The intermediate bracket and corner units allow the shuttle to glide smoothly and easily over the connection.

- > Provides an easy passage of the shuttle through the hangers.
- > Designed to retain and transfer its load after a sustained fall.
- > The bracket can be replaced without cutting the cable.

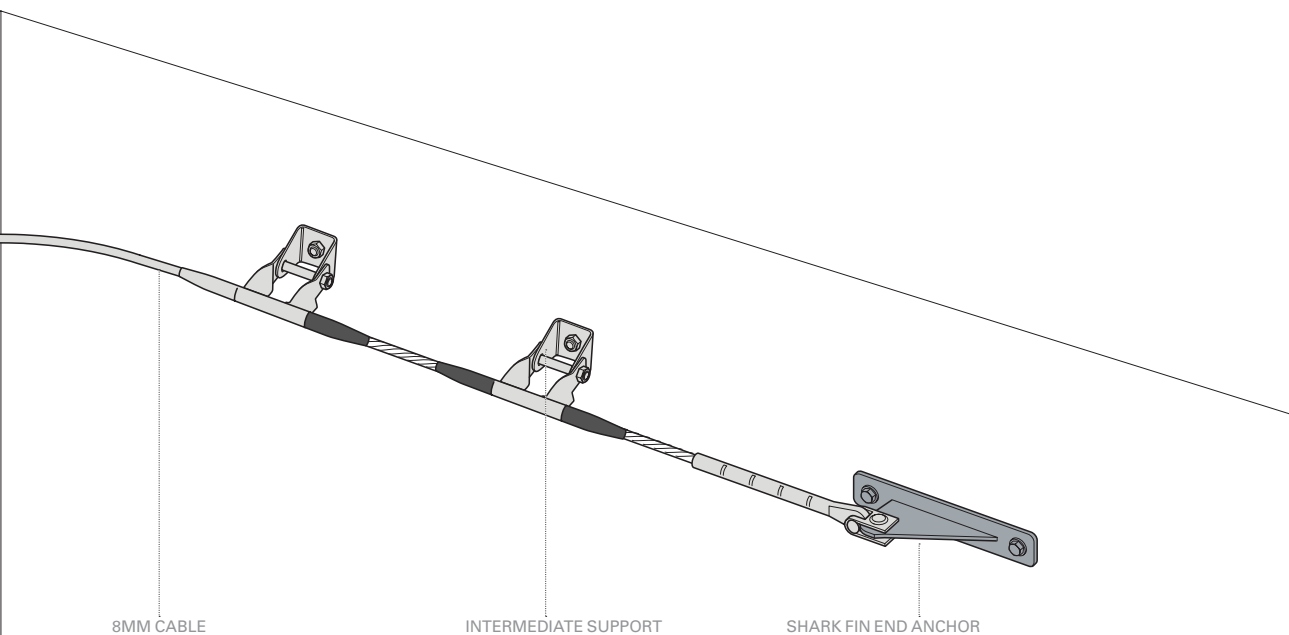
1010609 UNIVERSAL INTERMEDIATE 8MM **1006062** CORNER UNIT 90 DEGREE 8MM
1006294 BENDING KIT 8MM

End Anchors and Swages

Stainless steel end anchors and swages allow easy installation of the system without compromising cable strength and integrity.

- > Designed to accommodate a number of different swaging methods.
- > Swageless components also available.
- > End swages available with and without integrated tensioner.

1006178 END ANCHOR **1010891** ANCHORAGE RING - FEMALE **1006701** SWAGE 8MM
1010550 END TERMINATION WITH TENSIONER 8MM **1013720** SWAGELESS END TERMINATION 8MM



"Four-In-One" Shock Absorber

A revolutionary "four-in-one" shock absorber, tensioning device, tension indicator and fall indicator.

- > The shock absorber reduces the load impact generated by a fall.
- > Protects the user as well as the supporting structure.
- > Integrated load indicator visually alerts the user to any load impact on the system.
- > Easier installation and maintenance - a single element allows you to both verify and adjust the tension easily.

1014930 INDUSTRY ENERGY ABSORBER 8MM

1014932 INDUSTRY ENERGY ABSORBER SWAGELESS 8MM



Interfix

Interfix is a subsystem that can be used with Soll Xenon horizontal lifelines to create an anchor point.

- > Can be used as an anchorage point for single person fall arrest by itself.
- > If used as part of a Xenon horizontal lifeline system it can be used as an end anchor, intermediate or a corner mount.
- > Quick and easy to install using existing approved fixing technologies.
- > Ideal for engineers, contractors and architects to provide secure access on new and existing buildings.
- > Compact Stainless Steel Components.
- > Adjustable to suit all common sheet dimensions.

24745 INTERFIX 300-400MM **24747** INTERFIX 300-400MM PACK OF 6 **24746** INTERFIX 400-500MM

24748 INTERFIX 400-500MM PACK OF 6 **1010607** INTERFIX FOR MEMBRANE ROOFS **24863** EYE KIT FOR SINGLE ANCHORAGE POINT **24861** INTERFIX ANCHOR KIT

SÖLL XENON OVERHEAD HORIZONTAL LIFELINE

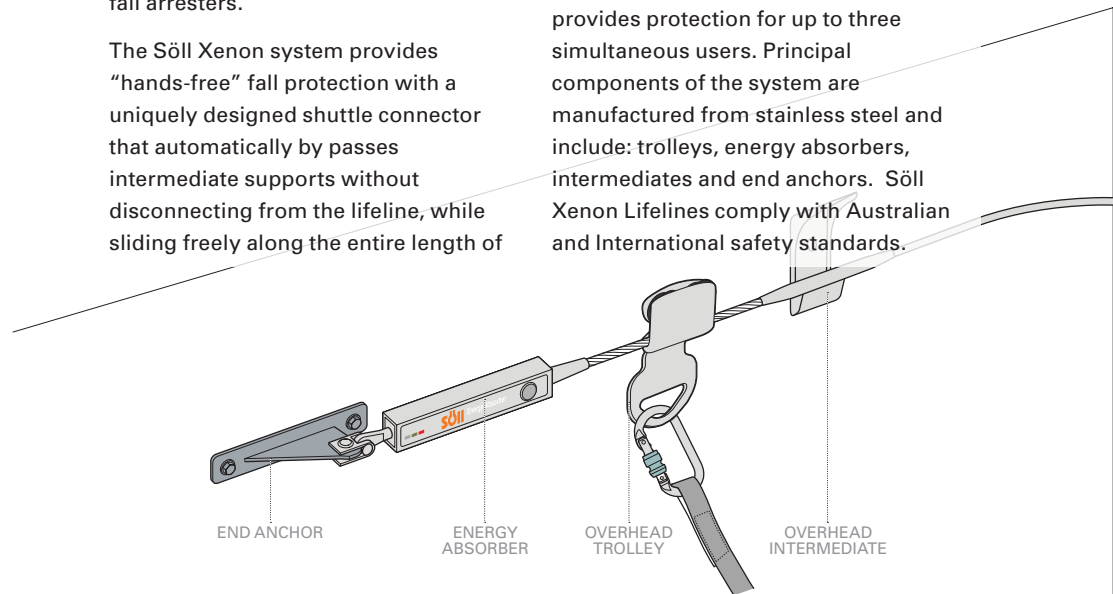
Horizontal anchorage devices incorporating a flexible wire rope providing the perfect safety solution for installation, maintenance and cleaning at height.

Overhead Horizontal Lifelines are best suited where the system requires large spans or the use of heavy retractable fall arresters.

The Söll Xenon system provides "hands-free" fall protection with a uniquely designed shuttle connector that automatically passes intermediate supports without disconnecting from the lifeline, while sliding freely along the entire length of

the system for ease of use and added worker safety.

Maximum system span is 15 metres and provides protection for up to three simultaneous users. Principal components of the system are manufactured from stainless steel and include: trolleys, energy absorbers, intermediates and end anchors. Söll Xenon Lifelines comply with Australian and International safety standards.



Overhead Trolley

The Overhead Trolley has been designed to allow the use of self-retracting lifelines.

- > Maximum Spans of up to 15m.
- > Can be used with up to 3 people simultaneously.
- > A self-retracting lifeline has a maximum weight of up to 10kg.
- > New Overhead shuttle passes smoothly through the new intermediate brackets, maximising the freedom and range of movement of the worker.

25217 XENON OVERHEAD TROLLEY

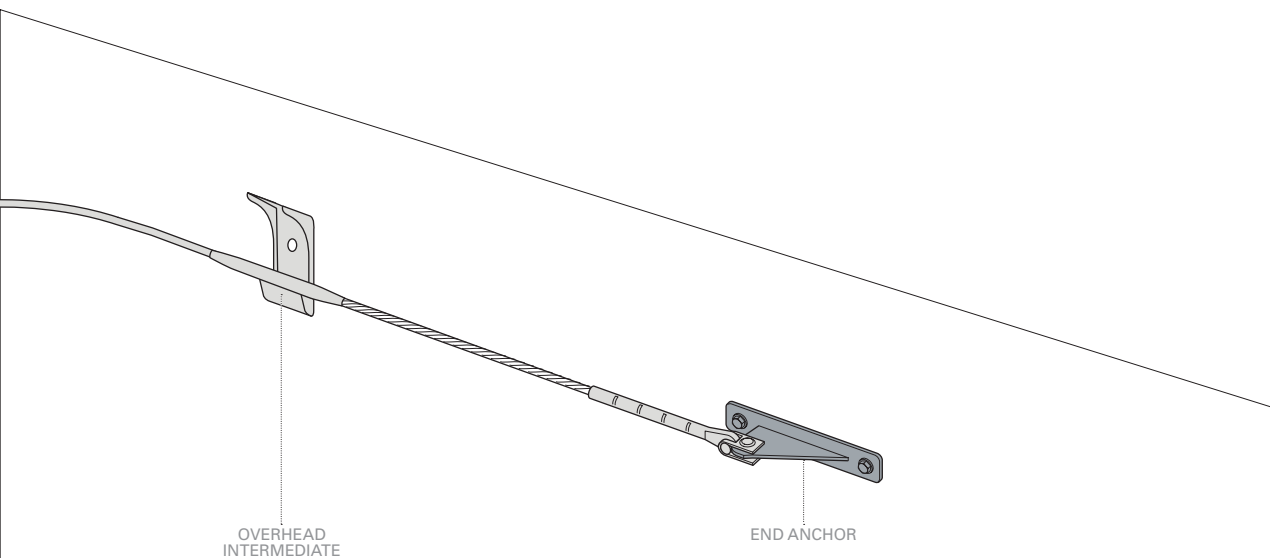
Overhead Energy Absorber

The Overhead Energy Absorber has four essential functions in one unit.

- > Functions include: a shock absorber, a line tensioner, a tension indicator and a fall indicator.
- > Designed with Structure Guard Technology™, which reduces forces on the person and structure in the event of a fall.
- > Higher pre-tension 2.0kN helps reduce cable sag.
- > Swageless connector providing easy and quick installations.
- > Body made from Stainless Steel.

1015430 XENON OVERHEAD ENERGY ABSORBER 8MM





Overhead Intermediate

Guarantees the smooth passage of the wheeled glider - even when using a heavy fall arrest block.

- > Body made from stainless steel.

1017780 XENON OVERHEAD INTERMEDIATE

SÖLL MULTIRAIL HORIZONTAL GUIDED RAIL

A MultiRail system can be installed along the entire unprotected work area, offering greater safety.

Anchorage points only offer the user limited freedom depending on the length of the lanyard. Söll MultiRail offers the advantage of greater fixing distances (up to 6m) and can be used by more people at the same time (up to 6).

The system allows installation at foot level, wall or overhead, and is available with 3 different types of gliders to suit any application.

It is easy to install with minimal components. A floating rail design allows for thermal expansion, and minimum impact transmission to the structure in the event of a fall. Pre-constructed corner sections allow the system to be easily customised to a structure. Made from stainless steel the ultra robust Söll MultiRail is suited to the toughest environmental conditions.

Gliders

The gliders provide 3 options including closed, openable and wheeled runner for overhead applications.

- > Closed glider can be removed at any rail end exit point.
- > Polyamide inlays allow it to move smoothly along the rail.
- > Openable glider is easily removed from or attached to the rail at any point, offering more flexibility to the user.
- > The wheeled runner features 4 load-bearing wheels, and a swivelling stainless steel eye for straight runs, and around horizontal curves.

17407 CLOSED GLIDER **17792** OPENABLE GLIDER **24168** WHEELED RUNNER

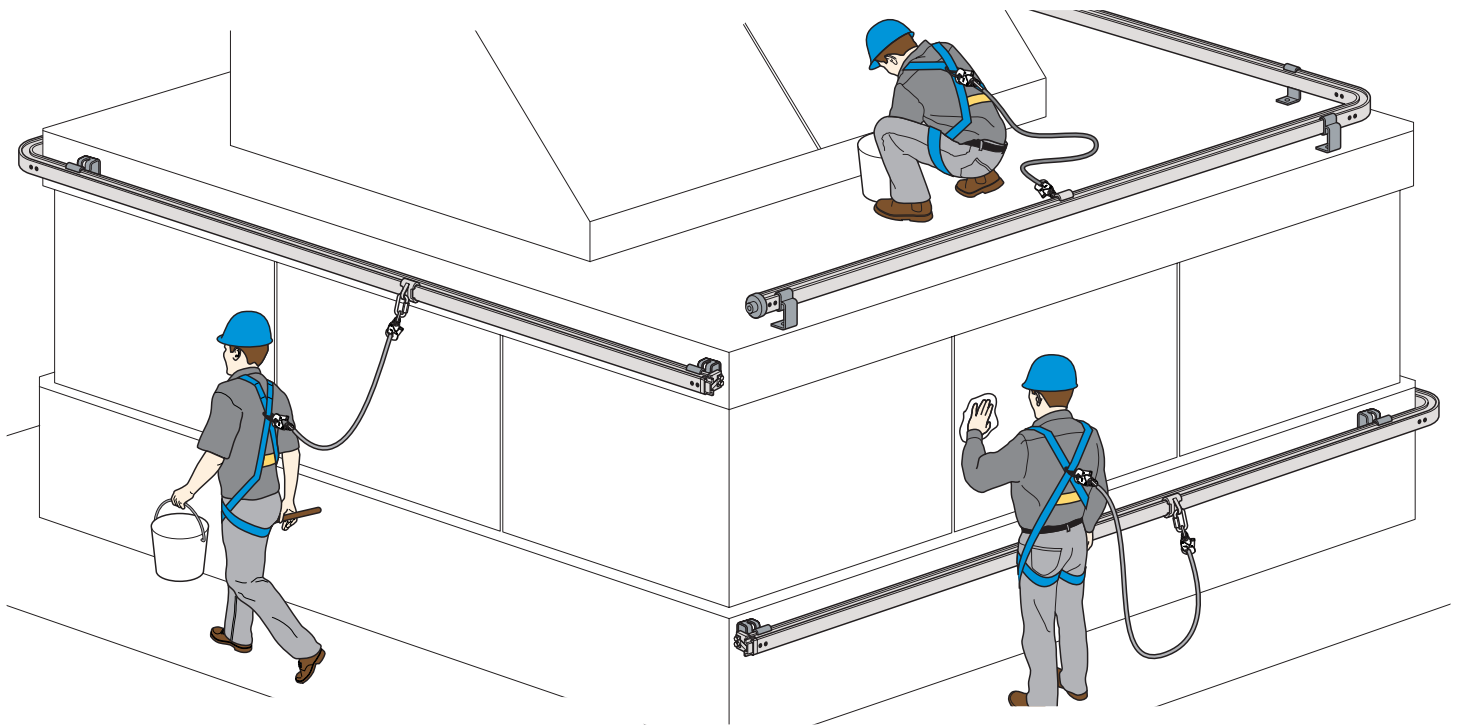
Rail Supports

The rail supports offer users a choice of bracket for their mounting application.

- > Made from pickled stainless steel.
- > Internal Teflon® ribbons assist the safety rail to glide smoothly in the brackets and allows for thermal expansion.

17489 BRACKET FIXES SURFACES PARALLEL TO RAIL **17112** BRACKET FIXES SURFACES AT 90° TO RAIL





Horizontal Rail

Made of stainless steel, the horizontal rail is available in fixed lengths of 6m.

- > Pre-drilled for easy insertion of end stops or connectors for additional lengths.
- > The rail end stop with exit allows system exit at both ends.
- > The rail end stop without exit serves as an end anchorage.

19146 HORIZONTAL SAFETY RAIL 6M LENGTHS **17861** RAIL END STOP WITH EXIT
17404 RAIL END STOP WITHOUT EXIT



Connectors and Bends

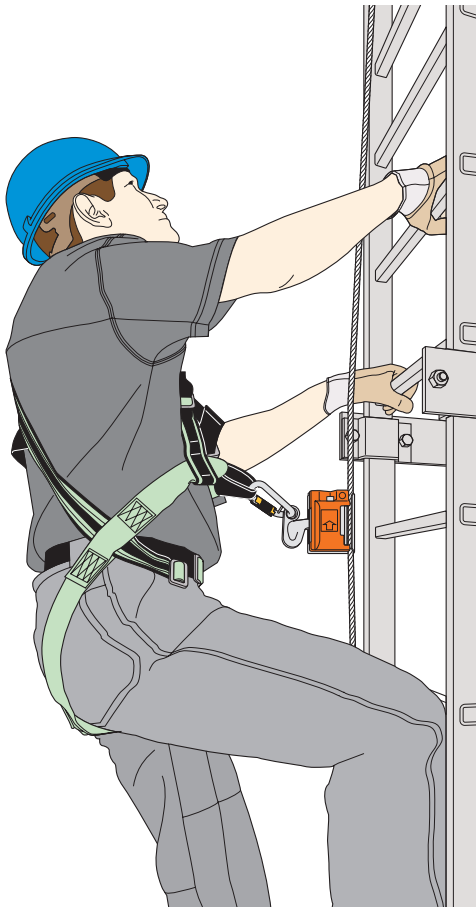
Provides workers with the flexibility to exit rail sections, connect rail sections together or move around corners.

- > The anodised aluminium connector is used to connect individual rail sections together for a longer system.
- > Corner units are available for vertical or horizontal bends.

17332 CONNECTOR FOR RAIL SECTIONS **17331** HORIZONTAL BEND, 90° **17330** VERTICAL BEND, 90°



SÖLL VI-GO VERTICAL CABLE SYSTEM



Retrofits onto existing climbing devices such as ladders or rungs. Easy to use and install as there are minimal components to make up a complete system. Supports up to 8 workers.

Suits vertical applications only, the Söll Vi-Go system consists of 8mm or 10mm galvanised or stainless steel cable, ergonomic interfaces and a revolutionary guided-type fall arrestor. All components are manufactured from high quality materials with corrosion resistant finishes.

Suggested industries and applications include: wind power generation, power supply, telecommunications, utilities, oil rigs, shafts and manholes.

The Söll Vi-Go Shuttle is quick and easy to use, offering single handed operation and features a built in energy absorber which reduces impact forces on the end user in the event of a fall to below 6kN. The system is equipped with a dual locking mechanism preventing accidental unlocking of the unit from the cable.

The cable tensioner has three integrated functions. It acts as a tensioner, a tension indicator and finally an expansion compensator. It is easy to install and is available in both galvanised and stainless steel.

Intermediate brackets are versatile, holding the cable in position, preventing

the cable from moving excessively in windy environments. Automatic brackets are available enabling the shuttle to pass through without manual assistance. Manual brackets are also an option, however the cable must be released from the clamping positioning before the shuttle can pass through it.

There are 2 different mounting clamps available, the rung clamp and a beam clamp. The rung clamp enables the system to be mounted directly onto the rungs of the existing ladder and the beam clamp enables the user to mount the system on various different structures, regardless if it is round or flat. Both clamps are available in galvanised or stainless steel.

Cable end parts include a cable thimble available for 8mm or 10mm systems, along with a cable sling and pluggable rope ends.

A platform extension support is also available allowing the end user to be safely on the platform before he disconnects from the ladder system.

Söll Vi-Go is globally approved, and complies with Australian and New Zealand standard AS/NZS 1891.3.



Shuttle

The Shuttle is equipped with a durable energy absorber, ensuring increased safety.

- > A durable energy absorber, ensures increased safety in case of stresses acted on the cable by other users in the event of a fall.
- > Made of stainless steel, the shuttle is corrosion-resistant.
- > Not using a textile shock absorber considerably reduces recurring costs for damaged or old absorbers.
- > Requires minimum maintenance.
- > Designed such that repairing is easy and inexpensive.

1017271 VI-GO SHUTTLE

1017681 VI-GO SWIVEL SHUTTLE



Manual Brackets

Manual bracket holds the rope into position.

- > The rope must be released from the manual bracket before a shuttle passes through. It must be clamped back into position before getting off the system.
- > Cost-effective, light and can be retrofitted.
- > Holds cable to prevent excessive movement due to wind.

1017370 8MM CABLE

1017373 10MM CABLE



Universal Rung Clamps

- > As an alternative to the universal clamp, the rope can directly be fastened to the rungs of a ladder. Elongated holes at varying distances provides adjustment for mounting onto various ladder sizes.

1017384 GALVANISED

1017385 STAINLESS STEEL



Universal Clamps

- > Serves as cable end fixing. A unique feature of the universal clamp is that it can be fastened to pipe structures of various diameters as well as angular or flat steel profiles depending on the assembly.

1017382 GALVANISED

1017383 STAINLESS STEEL



Tensioner

- > Three functions are integrated into the unit: tensioner, tension indicator, and expansion compensator.
- > Easy to install and compensates for structure movement.
- > Available in stainless and galvanised steel.

1017380 TENSIONER (GALVANISED) 8 AND 10MM CABLE

1017381 TENSIONER (STAINLESS STEEL) 8 AND 10MM CABLE



Automatic Brackets

- > Vi-Go shuttles can pass through automatic brackets without manual help. The bracket must be installed by passing the rope through it.
- > Holds cable to prevent excessive movement due to wind.
- > Allows for quicker climbing and descending.

1017375 AUTOMATIC INTERMEDIATE FOR 8MM CABLE

25850 VI-GO BRACKET

25851 VI-GO BRACKET



1017388

Additional Components

- > The range of Söll Vi-Go components available are:

1017386 SWAGELESS TERMINATION 8MM

1017387 SWAGELESS TERMINATION 10MM

1017388 ID PLATE

M1030054 PLATFORM EXIT POST, FITTING REQUIRES 2 GUIDE RAIL CLAMPS

M1030071 VI-GO PLATFORM EXIT POSTS WITH CLAMPS

For retro-fitting onto existing ladders, or fitting to any suitable installation via a variety of brackets.

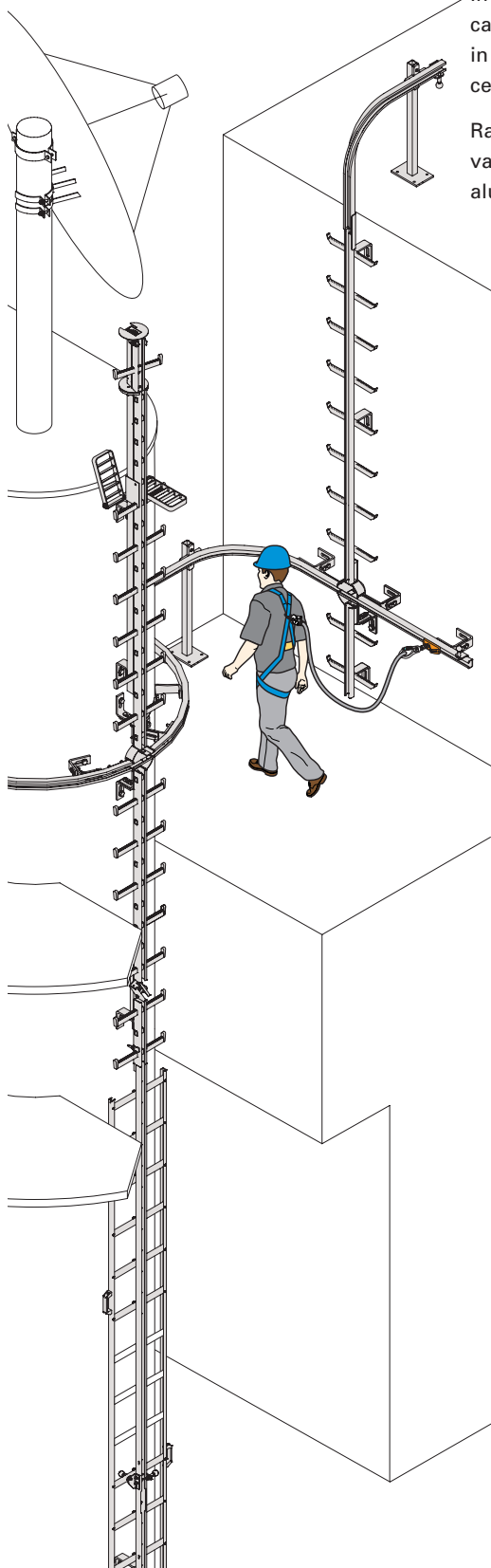
The unique glider travels smoothly up and down the rails centre stile with minimal effort.

In the event of a fall, a spring loaded cam activates and locks into the notches in the rail, arresting the users fall within centimetres.

Rails and ladders are available in a variety of materials, such as steel and aluminium, and with a wide range of

components allowing the system to be engineered to suit a variety of applications.

Easy to use, the system offers a safe working environment. It is the only system where the user can lean forward or backwards whilst ascending and descending and allows hands free operation for greater productivity and less fatigue.



Comfort Fall Arrestor

Providing a connection between the full body harness worn by the worker, and the guide rail.

- > Ensures complete safety during any ascent or descent.
- > The stainless steel clamp locks onto the rail in the event of a fall.
- > Unique deformable structure absorbs most of the impact energy of a falling person, thus reducing fall arrest forces to an extraordinary level of only 3.7kN.
- > UNIVERSAL II can be inserted or removed at any point on guiderail.

22697 GLIDER COMFORT FALL ARRESTOR

23531 UNIVERSAL II FALL ARRESTOR



Ladders and Guide Rails

Fall protection ladders feature an integrated guide rail fall arrest system in the centre stile.

- > Y-spar is a cost effective alternative. The low surface area keeps wind loads transmitted onto the understructure to a minimum.
- > Twin ladders - The operator can glide their hands along the side rails when ascending without having to hold onto the rungs.
- > Guide Rail can be assembled onto pre-installed ladders and step irons, and can be mounted in the middle or side of an existing ladder.

10672 Y-SPAR LADDER GALVANISED STEEL 4.48M

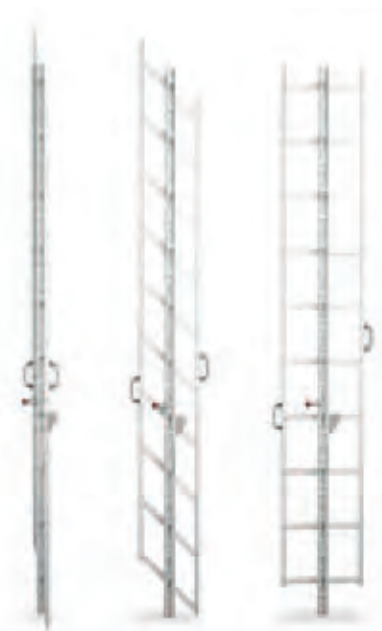
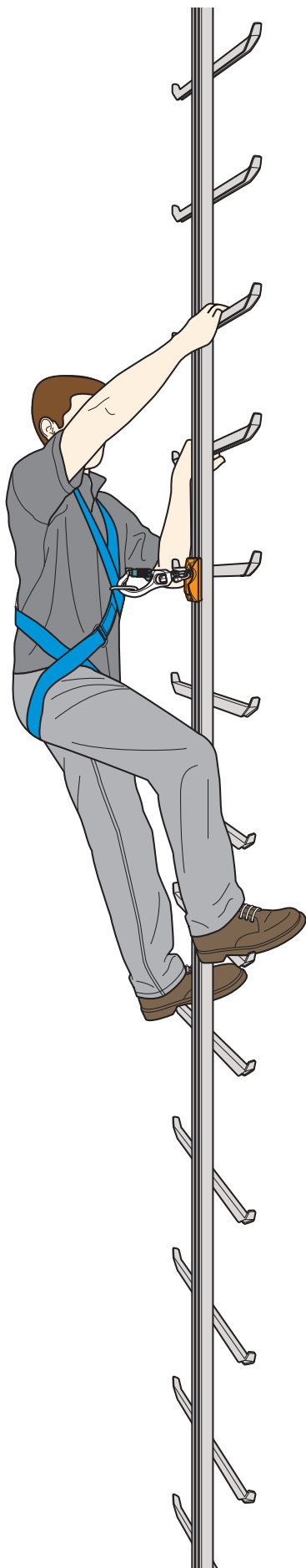
14726 Y-SPAR LADDER ALUMINIUM 4.48M

14647 TWIN LADDER STAINLESS STEEL 3M

14614 GUIDE RAIL GALVANISED STEEL 4.48M

11577 GUIDE RAIL STAINLESS STEEL 4.48M

14664 GUIDE RAIL ANODISED ALUMINIUM 4.48M



PivotLoc

An innovative alternative to the ladder cover plate, the PivotLoc is a foldable ladder section for restricted access.

- > Can be closed when not in use, preventing unwanted access.
- > Can be locked open to prevent accidental closure.
- > Can be used in conjunction with other ladder systems.
- > A discrete profile only 105mm wide in the closed position.
- > The wind resistance of the system is at a minimum when closed.
- > Side rails offer additional support to the climber.

23418 PIVOTLOC SECTION ALUMINIUM 2.90M

23193 PIVOTLOC FOR ALUMINIUM LADDERS (BASE) 2.28M



Twisted Change Over Rail

The twisted change over rail provides positive connection from ground to platform without disconnecting.

- > Allows the climber to move safely onto a platform.
- > Provides continuous connection for the user.
- > Can be used in conjunction with the vertical guide rail system.
- > Easy transition from vertical to horizontal.
- > No need for user to disconnect at the top of the ladder.

16315 TWISTED RAIL GALVANISED STEEL (CLOCKWISE) **22311** TWISTED RAIL STAINLESS STEEL (ANTI-CLOCKWISE) **17509** SUPPORT STRUT 1.35M

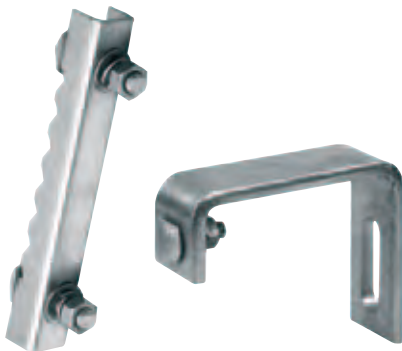


Ho-Ver Turn Table

Provides the safe change of travel direction from horizontal to vertical travel.

- > Change of directional travel from left or right.
- > It "parks" the comfort fall arrestor whilst direction is changed.
- > Can be installed on any type of Söll GlideLoc system.
- > A flexible alternative to standard vertical ladder work.
- > Made from pickled stainless steel.

22322 HO-VER TURN TABLE



Ladder Connectors and Brackets

Ladder connectors and brackets suit a variety of different installations and structures.

- > Top and bottom end stops assist in correct insertion of the glider.
- > They prevent the glider from accidentally slipping out of the rail.
- > Many bracket options are available to fit ladders to structures from rung clamps to weld on and bolt on brackets.



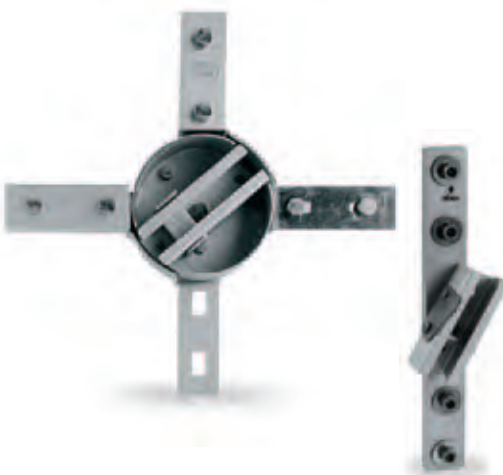
21050 TOP END STOP, SPRING ACTIVATED **11634** RIGID END STOP

21049 BOTTOM END STOP WITH EXIT **14804** GUIDE RAIL CLAMP FOR RUNGS 35-70MM DIA

18363 GUIDE RAIL CLAMP FOR RUNGS 35-70MM DIA **14673** STAND OFF BRACKET 150MM

16629 WELD ON BRACKET 150MM **11102** BRACKET FOR USE BETWEEN STEPS IRONS

16292 TWISTED CHANGEOVER RAIL (LEFT)



Accessories

Ladder accessories provide workers with infinite options to suit their specific working situation.

- > Folding foot rests provide a rest platform that folds away.
- > The turntable allows climber to transfer to a horizontal track.
- > Exit section allows climber to release the shuttle from the rail.

23724 FOLDING FOOT REST

11607 TURNTABLE RADIUS >1000MM

11317 EXIT SECTION GALVANISED STEEL

FALL SAFETY EQUIPMENT INSPECTION MAINTENANCE AND STORAGE GUIDE

INSPECTION

Any item of fall protection equipment is required to undergo periodic inspection and/or servicing at either the manufacturers recommended intervals, or the intervals as indicated in the summary table – which ever is the lesser interval.

If the equipment is used in particularly adverse environments, it will be necessary to carry out the inspections at shorter intervals than set out, it is also possible

that the normal operational life expectancy of the equipment will be shortened. Sperian Protection also recommends that a written record be kept of inspections carried out.

Any inspection or servicing is to be carried out by a “competent” person as described in the Australian and New Zealand Standards AS/NZS 1891.4. Inspection, Maintenance and Storage.

EQUIPMENT	REQUIREMENT	EXAMPLES	INSPECTION
Personal equipment including: - harnesses - lanyards - connecting devices - fall arrestors Any common use equipment: - ropes - slings - mobile attachment devices	Inspection by the user of the equipment, before and after each use also see 6 monthly inspection	Harnesses pages 8-21 Lanyards pages 26-29 Anchorage lines page 36 Anchorage devices page 36-39	A Operator Inspection
Fall arrestors/ inertia reels an external check only	3-monthly inspection by a competent person	Fall Arrestors pages 30-32	B General E Fall Arrestors
• Belts • Harnesses • Lanyards • Associated equipment	6-monthly inspection by a competent person or more frequently if recommended by the manufacturer	Belts page 21 Harnesses pages 8-21 Tie off adaptors page 37	C Belts, harnesses, lanyards and associated equipment
• Permanently installed Anchorages. • Fall Arrestors (inertia reel) - full service including dismantling where indicated • Horizontal & vertical lifelines and rails. • Tripods and Winches	12 monthly inspection by a competent person or more frequently if recommended by the manufacturer	Anchorage Devices page 36-39 Fall Arrestors pages 30-32 Söll Xenon, GlideLoc, MultiRail and Vi-Go pages 54-64 Rescue and Escape Equipment pages 42-48	D Anchorages Fall E Arrestors F Horizontal and vertical lifelines and rails
Any item which has been subject to the forces of a sustained fall.	Inspection after a fall-arrest		G Equipment which has arrested a fall

TYPES OF INSPECTIONS

The following summary is provided as a guide only. For further information on the information provided, as well as detailed inspection tables, refer to AS/NZS 1891.4.

A Operator inspection

The user or operator should inspect these items before and after every use to ensure that the item is in a serviceable condition.

Inspection by sight and touch, checking for operation of equipment, the integrity of webbing, stitching and rope products, the operation of locking mechanisms and buckles.

B General

These items should be inspected at the recommended intervals or at the manufacturer’s recommended intervals – whichever is the lesser. This inspection is to be carried out by a “competent person”.

C Belts, harnesses, lanyards and associated equipment

Items shall be checked in accordance with the manufacturer’s instructions to determine the integrity of the item and if the item is likely to be unsafe in the event of a sustained fall.

D Anchorages

Visually inspect, checking for signs of deterioration which might make them unserviceable, as well as any other requirements in the manufacturer’s instructions. The parent structure should also be inspected for signs of deterioration which may lead to loss of anchorage strength.

E Fall Arrestors & other Mechanical Devices

3-monthly inspection to include: cleaning of any contaminates that may hinder the operation of the fall arrestor such as sand, dirt grit etc... Check that all parts are free moving, and the locking action of the arrestor. Check for signs of corrosion. Checks should be carried out as far as practicable without dismantling the product. A 12-monthly inspection to include dismantling and servicing where recommended by the manufacturer. Refer to AS/NZS 1891.4 for more information on the inspection.

F Horizontal and Vertical life lines and rails

Shall be subject to 12 month inspections, unless they are out of service or unused for a period longer than 12 months. Inspection shall be as per the manufactures instructions as well as referring to AS/NZS 1891.4

G Equipment which has arrested a fall

Any piece of fall protection equipment which has sustained a fall, or shows any signs of defect during periodic inspections, shall be withdrawn from service. A label should be attached to the item indicating the condition or defect. Examination by a competent person will determine if the items in question are to be destroyed or repaired if necessary and returned to service.

PUBLICATIONS

Miller has a comprehensive range of fall protection support materials available. Contact Customer Service if you have any queries or wish to order support items, some of which are shown below:

Protecting workers at heights requires a holistic approach that extends beyond standards and regulations. **Miller T.I.P.S.™ for Total Compliance** addresses other important considerations to assure a safe environment when working at heights.



PROM2 - Miller Pocket Guide



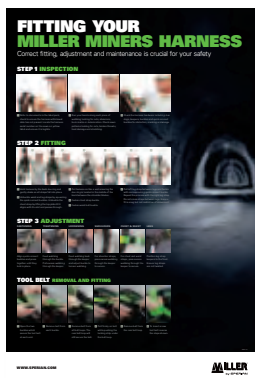
CARD1 Miller Playing Cards



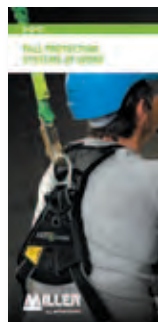
BRO32 Tips - Beyond the Standard Brochure



BRO33 TIPS Product selection Guide



POST17 Fitting Your Miners Harness



FLY34 Fall Protection Systems at Work



FLY27 Engineered Solutions Flyer



POST10 - Vest Harness Fitting Guide



POST11 - Cross Over Harness Fitting Guide



POST13 - Industry Guide Poster



POS1 & POS2 - POS Black Gondola with Graphic



MAN2 - Revo Man Standee



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