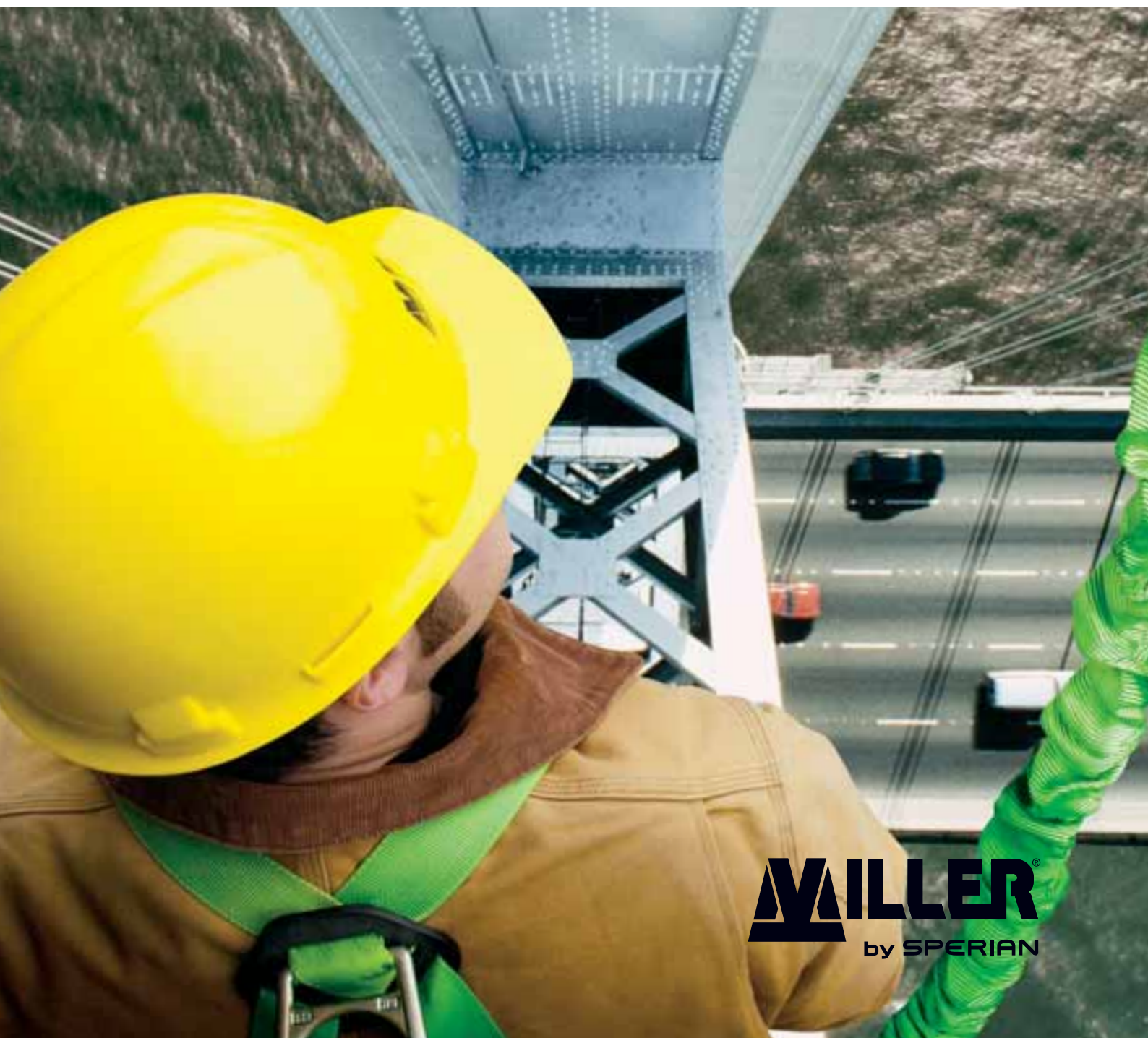
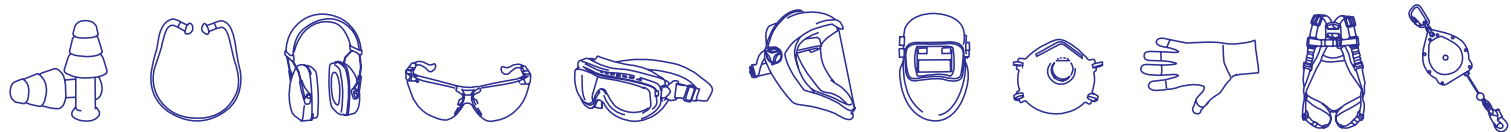




FALL PROTECTION PRODUCTS AND ENGINEERED SOLUTIONS



MILLER[®]
by SPERIAN





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Kevlar® and Teflon® are registered trademarks of E.I du Pont.

For over 60 years, Sperian Fall Protection 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's and New Zealand's leading businesses.

If you have any further questions, please telephone the Sperian Protection help line on 1300 139 166.

www.sperianprotection.com.au
www.millerfallprotection.com.au

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.

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 1891.1 – Part 1:

Safety belts and harnesses 2007

AS/NZS 1891.2 – Part 2:

Horizontal lifeline and rail systems

AS/NZS 1891.3 – Part 3:

Fall Arrest devices

AS/NZS 1891.4 – Part 4:

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

AS 2625:

Safe working in a confined space.

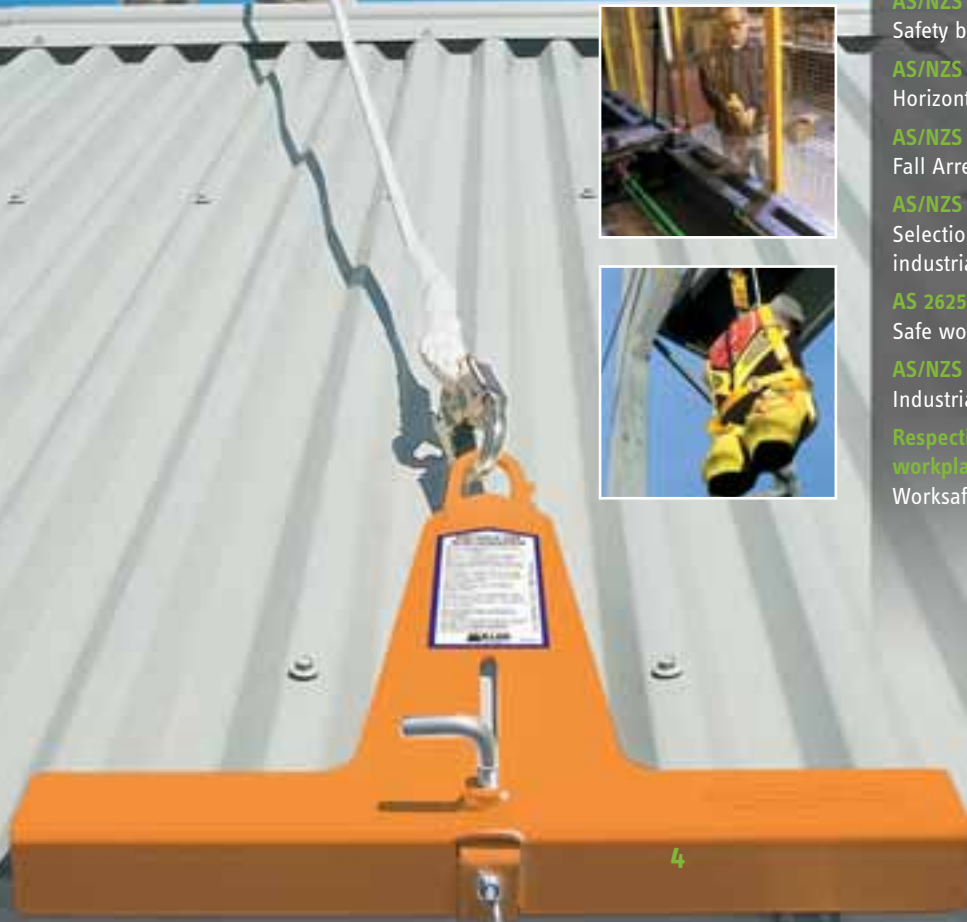
AS/NZS 4488 (series)

Industrial rope access systems.

Respective government

workplace authority:

Worksafe, Workcover or OSH (NZ)



The Australian and New Zealand standards for Height Safety are a constant source of information that we refer to in our research, development and consequent production of harnesses and lanyards. All harnesses certified to the new Standard AS/NZS 1891.1:2007 are marked as such throughout this catalogue.

Recent changes to the fall protection standard AS/NZS 1891.1 are reflected in our latest harness range.

In summary the changes to AS/NZS 1891.1 2007 are as follows:

HARNESSES

- > All harnesses must have a frontal fall arrest connection point.

BELTS

- > The ability to test and certify belts for any purpose has been removed from the standard. This will affect miners, work positioning and restraint belts.
- > Linesman's belts have been defined as "lower body harnesses" (see clause 1.4.10), and will have to be replaced with new models that include leg straps and a frontal fall attachment point.
- > Lower body harnesses may be used for "limited free fall" up to 600mm.

LANYARDS

- > A new testing procedure for double lanyards has been included. These tests are based around the lanyard surviving misuse in the field.

SIT HARNESSES

- > May be removed from later editions of the standard, with the aim of preparing a standard for this type of product.
- > AS/NZS 1891.4 is likely to be updated in the future to reflect this change.

HARDWARE

- > Increase in the strength requirements of hook latches.
- > Front strength of 1kN with no more than a 3mm deflection.
- > Side load of 1.5kN with no more than a 3mm deflection.
- > These tests must not result in the loss of hook action.

Our current range of hardware will be unaffected by this requirement.

DEFINITIONS

- > The concept of "Restraint" has been removed from the standard as there is no longer an ability to test for restraint type products.
- > When workers want to work in restraint, they will need to use "fall arrest" equipment such as an energy absorbing lanyard with the slack removed, so there is no risk of a fall.



Before undertaking any work at height or confined space entry, a risk assessment program should be developed. We recommend that you 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. Below is an outline of the controls:

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

FALL PROTECTION DEFINITIONS

1 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 per the requirements under AS/NZS1891.1 2007 - people working in restraint must use an anchorage, connection and harness suitable for fall arrest.

2 Work positioning

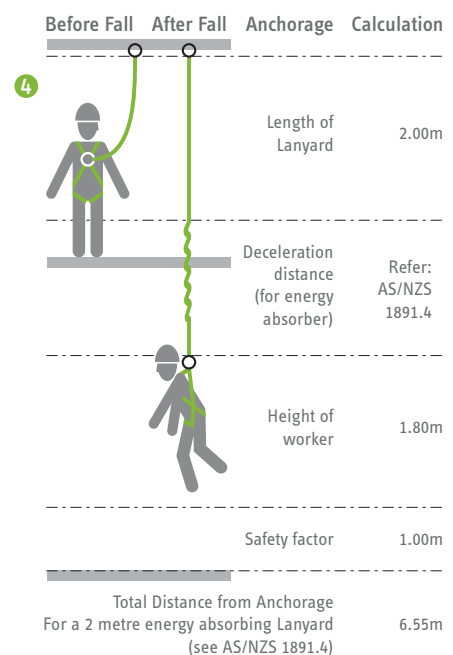
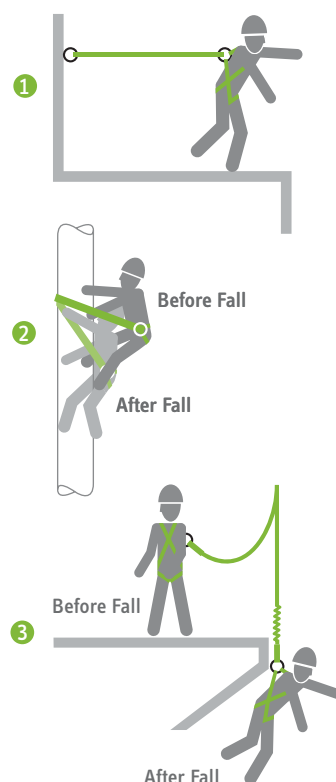
A system which enables a person to work supported in suspension by the use of personal protective equipment in such a way that a fall is partially restrained.

3 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.

4 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.



PRODUCT AND APPLICATION CHART

Select the correct fall protection product to keep you safe.

To assist in product selection the following table provides an overview of our harnesses and connection equipment with recommendations for specific work applications. Harnesses which are new to the range are also highlighted.

		CONSTRUCTION AND MAINTENANCE	ROOF WORKERS	SCAFFOLDING	TOWER CLIMBING	ORDER PICKERS	LADDER SAFETY SYSTEMS	CONFINED SPACE	ELEVATED WORK PLATFORMS	WAREHOUSING	WELDING	TREE PRUNING	CONTRACTORS	WORK POSITIONING	STATIC LINE SYSTEMS
	<ul style="list-style-type: none"> Recommended Product New product 														
MILLER HARNESSSES															
Miller Revolution 2 Point harness		●	●		●	●	●		●	●					●
Miller Revolution Tower Harness		●			●		●	●				●		●	●
Miller Revolution Vest Style Harness	●	●	●		●	●	●		●	●					●
Stretchguard Harness		●	●		●	●	●		●	●					●
Glove and Barrier Harness								●	●						
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.1 Work Positioning Harness		●			●			●				●		●	
Polyester Construction Harness		●		●									●		
Contractor Two Point Harness		●	●		●	●	●		●	●			●	●	
DuraFlex Riggers Harness		●		●				●	●				●	●	

CONNECTION EQUIPMENT															
Manyard Lanyards		●		●						●					●
Adjustable Lanyards		●	●	●		●			●						●
Pole Straps					●							●		●	
Webbing Lanyards		●	●	●					●	●					●
Plastic Coated Wire Lanyards (PCL)											●				
Flame Retardant Lanyard	●										●				
Black Rhino Fall Arrestor											●				
Anchorage Line with Type 1 Fall Arrestor			●					●							●
Fall Arrest Blocks (Falcon, MightyLite, Scorpion)		●	●	●		●	●								●
Fall Arrest Blocks (TurboLite)	●	●	●	●		●	●		●	●					●

WORK APPLICATION SELECTION GUIDE

We provide complete fall protection solutions to keep you safe. The following suggestions are a good starting point to ensure safety in specific working environments.

ROOF WORK

Roof work, like any other work at height, is a risk, and appropriate products and methods should be used to protect workers in their day to day activities.

HARNESS

DuraFlex Roof Worker Harness	14
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CONNECTION

Rope Adjuster	23
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ANCHORAGE

Roof Anchor	23
Webbing Tie-off	23
Anchorage Line	23



LADDER WORK

Ladders are often used as easy access to working areas. Fall protection equipment should be used to prevent any accidental falls or slips from height.

HARNESS

DuraFlex Roof Worker Harness	14
Polyester Tower Worker Harness	18
Miller Revolution Tower Harness	13

CONNECTION

Söll Comfort Glider	39
Anchorage Line with Type 1 Fall Arrestor	23

ANCHORAGE

Söll GlideLoc ladder systems	39-40
Webbing Tie-off	23



CONSTRUCTION AND MAINTENANCE

The construction industry has long been linked as being a high risk industry occupation, with falls from height being a major issue facing workers today.

HARNESS

Miller Revolution Harness Range	13
Polyester Construction Harness	16
Polyester Maintenance Harness	16
DuraFlex Maintenance Harness	14

CONNECTION

Lanyards	21-22
Fall Arrestors	26-27

ANCHORAGE

Miller Anchor Grip	24
Tie-off Adaptors	24
Beam Anchors and Clamps	24



TOWER WORK

Workers who need to access towers require the flexibility to move around whilst performing their jobs at height.

HARNESS

Polyester Tower Worker Harness	18
Polyester Line Worker Harness	17
Miller Revolution Tower Harness	13
DuraFlex Roof Worker Harness	14

CONNECTION

Double Lanyards	21
Söll Comfort Glider	39
Fall Arrestors	26-27

ANCHORAGE

Roof Anchor	23
Webbing Tie-off	23
Anchorage Line	23



WELDING

Welding at height often poses an issue to workers. The harsh environment requires tough products which meet this demanding application.

HARNESS

Welder's Harnesses	18
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CONNECTION

Flame Retardant Lanyards	21
Plastic Coated Wire Lanyard	22
Black Rhino Fall Arrestor	27

ANCHORAGE

PCL Tie-off Adaptor	24
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CONFINED SPACE AND RESCUE

Working in, around or rescuing from a confined space requires the utmost in skill, precision, training, and suitable products.

HARNESS

DuraFlex Confined Space Harness	15
Polyester Confined Space Harness	17
Polyester Tower Worker Harness	18

CONNECTION

486 Frame and Wrist Loops and Universal Spreader Bar	32
ManHandler Winch	28
MightEvac Fall Arrestor	29
Rescue Master Kit	29

ANCHORAGE

Tripod	28
Davit Arm and Base	28
DuraHoist Confined Space System	30-31



Care and Maintenance

Harness maintenance and inspection is an essential part of safety when working at height. Follow these simple steps as part of your routine to ensure your harness will keep you safe.

All harnesses have an innovative self contained label pack for improved compliance. This is an integrated pack containing all information, labels and inspection record. This specialised pack protects labels from damage and minimises loss. Check the legibility of the harness serial number and ensure that the date for withdrawal has not passed.

Run your hands along each piece of webbing on the harness. You are looking for cuts, abrasions, burn marks or deterioration of the webbing.

Each harness has sewing patterns, which also require checking. Look for cuts, broken threads, heat damage and stretching.

The hardware on the harness including Dee-rings and buckles, require checking for distortion, cracking and damage.

If you find any defects on your harness, remove it from service immediately.

If unsure please contact us on 1300 139 166.

Inspecting your harness

1



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

2



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.

3



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

FITTING A 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 (if buckled). To unbuckle, lift the top plate so it aligns with the slot in the bottom plate 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 and ensure fit is snug but not restrictive of movement.

FITTING A 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 (if buckled). To unbuckle, lift the top plate so it aligns with the slot in the bottom plate and guide plate through.
- 3 Place arms up through the harness.
- 4 Slip harness over the head (like a jumper) ensure the frontal dee ring is located in the middle of the chest and the rear dee between the 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 and ensure fit is snug but not restrictive of movement.

ADJUSTING YOUR HARNESS

SHOULDER STRAPS

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

WAIST STRAPS

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

LEG STRAPS

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

FASTENING



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

TIGHTENING



Feed webbing through the buckle and secure by moving the keeper.

LOOSENING



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

Contact Sperian Protection for a free workplace seminar to ensure correct safety practices at work.

SELECTING THE BEST HARNESS FOR YOUR NEEDS

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



Positioning



Confined Space



Frontal Attachment



Construction & Maintenance



Roofing



Tower Work



Warehouse



Scaffolding



Utilities



Ladder Work



Heat Resistant



MILLER REVOLUTION HARNESS

Engineered with unique components and features.

DualTech™ Webbing

Donning made easy with two-sided, contrasting colour webbing and textures.

Web Finials

Clip-on design organises webbing after adjustment.

Cam Buckle

Easy, one-hand adjustment/release allows simultaneous adjustment of shoulder straps.

PivotLink™ Connection

Unique rotary design provides greater comfort in bending/mobility.

Self-Contained Label Pack

Integrated pack encapsulates labels minimising damage and loss.

Custom Identification

Self adhesive label with write in window.

ErgoArmor™ Back Shield

Semi-flexible back shield minimises impact from sharp/heavy snap hooks and self-retracting lifelines.

Integrated Accessory System

Modular attachment design provides connection points for belts/tools/accessories.



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.

- > 400mm extension of rear fall arrest soft-eye-dee.
- > Frontal fall arrest attachment and confined space shoulder loops.
- > Adjustable chest, waist, shoulder and legstraps.
- > 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 HARNESS



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

- > Rear 400mm D ring extension and frontal fall arrest attachment.
- > Pelvic D rings for work positioning & 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.
- > Quick adjust, comfortable, durable Polyester/DuraFlex webbing.

M1020056 MEDIUM MILLER REVOLUTION TOWER HARNESS
M1020097 SMALL MILLER REVOLUTION TOWER HARNESS
M1020099 LARGE MILLER REVOLUTION TOWER HARNESS

Innovative DuraFlex™ webbing allows the harness to flex with the body.

DuraFlex provides workers with an alternative to rigid webbing products, working with the movements of the human body naturally. There is no bunching, binding or kinking of the webbing, which is generally associated with harness wearing.

With DuraFlex, you can look forward to greater mobility, movement, and less fatigue resulting in increased worker productivity. DuraFlex harnesses provide unsurpassed worker comfort and offer wider user acceptance. A comfortable harness is more likely to be worn, which increases worker safety and compliance on the job site.

DuraFlex webbing's unique construction has enough stretch to provide all day comfort.



RIGGER'S HARNESS



Vest style design, DuraFlex webbing harness for working at height with pole straps or 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.
- > 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

MAINTENANCE HARNESS



Vest style design, 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.
- > Label pack stores all relevant harness documents.
- > Lanyard ring located on label pack for temporary lanyard parking.
- > Brightly coloured webbing to increase worker visibility.
- > Confined space loops on shoulder straps.

M1020073 FALL ARREST AND CS HARNESS

ROOF WORKER HARNESS



Cross over design, DuraFlex 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.
- > 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

CONFINED SPACE HARNESS



Frontal
Fall arrest
loops



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.
- > Label pack with lanyard parking ring stores harness documents.
- > Adjustable shoulder and leg straps.
- > Complies with AS/NZS 1891.1 2007.

M1020004D CONFINED SPACE HARNESS

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 harness.
- > 15m anchorage line with type 1 fall arrestor.
- > Webbing tie-off adaptor.
- > Carry bag.

M1070007 ROOF WORKER KIT

GLOVE AND BARRIER HARNESS



Frontal
Fall arrest
loops



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.
- > Adjustable leg and chest straps.
- > DuraFlex webbing provides optimum worker comfort.
- > Label pack with lanyard parking ring stores harness documents.
- > Complies with AS/NZS 1891.1 2007.

M1020008 GLOVE AND BARRIER HARNESS



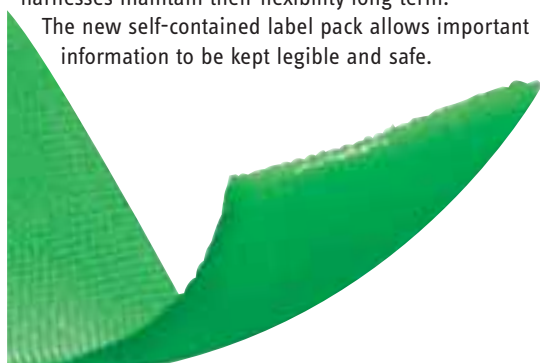
Polyester webbing harnesses are heavy duty, yet lightweight and suited to many varied applications.

Polyester harnesses are available in a range of configurations to suit many working applications and environments. Bright colours help to increase the visibility of the harness, enabling better visual worker compliance and easier inspection of harnesses.

The shoulder and leg straps are a different colour for ease of donning. Manufactured from heavy duty and lightweight polyester webbing, strength is increased without compromising the users comfort. The polyester webbing also offers users excellent UV and strong chemical resistance.

Incorporating innovative sewing patterns, polyester harnesses maintain their flexibility long term.

The new self-contained label pack allows important information to be kept legible and safe.



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.
- > Label pack stores all relevant harness documents.
- > Lanyard ring on label pack for temporary lanyard parking.
- > Confined space loops on shoulder straps.

M1020065 FALL ARREST AND CS HARNESS

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.
- > Label pack stores all relevant harness documents.
- > Lanyard ring on label pack for temporary lanyard parking.
- > Brightly coloured webbing to increase worker visibility.

M1020063 FALL ARREST HARNESS

RIGGER'S HARNESS



Vest style design, Polyester webbing fall arrest 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.

M1020067 FALL ARREST, WP AND CS HARNESS

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.
- > Label pack with lanyard parking ring stores harness documents.
- > Adjustable shoulder and padded leg straps.
- > Complies with AS/NZS 1891.1 2007.

M1020004 CONFINED SPACE HARNESS

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



TOWER WORKER HARNESS



Frontal
Fall arrest
loops

The ultimate tower harness with multiple attachment points for maximum compatibility for various 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.
- > 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

WORK POSITIONING HARNESS



Work positioning 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.
- > Label pack with lanyard parking ring stores harness documents.
- > Suited to rescue, ladder work, work positioning, window cleaning, telecom and utility applications.

AMAX.1 WORK POSITIONING HARNESS

WELDER'S HARNESSES



KMAX.3

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

- > 100% Kevlar® webbing enhances strength and provides resistance to high temperatures.
- > Frontal and 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.

M1020100 KMAX.2 VEST STYLE HARNESS WITH SIDE DEES
M1020102 KMAX.3 BASIC VEST STYLE HARNESS

WELDER'S HARNESS



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

- > 100% Kevlar® webbing enhances strength and provides resistance to high temperatures.
- > 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

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 meter 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

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

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

BASIC FALL ARRESTOR



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

- > Easy to maintain.
- > Stainless steel mechanical components.
- > Hi-tech durable plastic housing.
- > Available in a variety of galvanised cable lengths.
- > CE approved, and AS/NZS 1891.3 compliant.

3500351 5m FALL ARRESTOR
3500352 10m FALL ARRESTOR
3500354 20m FALL ARRESTOR
3500330 2.5m RETRACTABLE LANYARD

PROSPECTOR FULL BODY HARNESS



Full body polyester webbing harness with Prospector miner's belt incorporated.

- > Frontal fall arrest attachment point and rear dorsal dee.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Padded belt for carrying a battery pack and self-rescuer.
- > Label pack with lanyard parking ring stores harness documents.
- > Incorporates Prospector miner's belt.

M1020080 MEDIUM PROSPECTOR FULL BODY HARNESS
M1020079 SMALL PROSPECTOR FULL BODY HARNESS
M1020081 LARGE PROSPECTOR FULL BODY HARNESS

EXPLORER FULL BODY HARNESS



Full body polyester webbing harness with Explorer miner's belt incorporated.

- > Frontal fall arrest attachment point and rear dorsal dee.
- > Easy to don with fully adjustable chest, shoulder and leg straps.
- > Padded belt for carrying a battery pack and self-rescuer.
- > Label pack with lanyard parking ring stores harness documents.
- > Shoulder straps with retro-reflective tape.

M1020083 MEDIUM EXPLORER FULL BODY HARNESS
M1020082 SMALL EXPLORER FULL BODY HARNESS
M1020084 LARGE EXPLORER FULL BODY HARNESS

PROSPECTOR MINERS EQUIPMENT BELT



Equipment belt with battery pack and self rescue straps.

- > Padded 100mm back for support.
- > Double acting attachment hook at front.
- > Not to be used for fall arrest, limited fall arrest or restraint.

M1020087 MEDIUM PROSPECTOR EQUIPMENT BELT
M1020086 SMALL PROSPECTOR EQUIPMENT BELT
M1020088 LARGE PROSPECTOR EQUIPMENT BELT

POLE STRAPS



Used in applications such as 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 POLE STRAP • **138.1S** 2.4m POLE STRAP
139.1S 2.7m POLE STRAP • **1312.1S** 3.6m POLE STRAP

EXPLORER MINERS EQUIPMENT BELT



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

- > Padded 100mm back for additional support.
- > Double acting attachment hook at front.
- > Battery and self rescue straps.
- > Shoulder straps with retro reflective tape.
- > Not to be used for fall arrest, limited fall arrest or restraint.

M1020090 MEDIUM EXPLORER EQUIPMENT BELT
M1020089 SMALL EXPLORER EQUIPMENT BELT
M1020091 LARGE EXPLORER EQUIPMENT BELT

The Miller Manyard™ lanyard is unsurpassed for safety, comfort and mobility.

The Miller Manyard™ lanyard is unique. The energy absorber is not external but is woven through the entire length of the lanyard. Unlike conventional energy absorbing lanyards, there is no tearing action when a fall is taken, but a smooth expansion of the core material minimising the fall force to under 6kN.

MANYARD LANYARD



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

- > 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

FLAME RETARDANT LANYARD



NEW

Adjustable version

NEW

Twin version

- > Flame retardant 100% Kevlar® webbing.
- > Integral compact energy absorber.
- > 19mm double acting hooks at each end.
- > Perfect for working in heat or with hot sparks.

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

WEBBING LANYARDS



Twin version

- > 35mm polyester webbing with integral compact energy absorber.
- > 19mm double acting hooks each end.

L11WEC2.0 2m 19mm HOOKS • **L11WEC1.5** 1.5m 19mm HOOKS

L11WEC1.2 1.2m 19mm HOOKS • **LD11WEC2.0** 2m TWIN 19mm HOOKS

STRETCHSTOP LANYARD



Twin version

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.
- > Outer load bearing tubular polyester webbing.
- > Reliable visual inspection if a fall has been taken.

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

ADJUSTABLE LANYARD



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.
- > Brightly coloured webbing which increases worker visibility.
- > A choice of lanyard terminations 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

ROPE LANYARDS



- > 12mm polyester rope.
- > Integral compact energy absorber.
- > 19mm double acting hooks at each end.

L11REC2.0 2m - 19mm HOOKS AT EACH END

RETRACTABLE WEBBING LANYARD



- > Lightweight type 2 fall arrestor.
- > 2.5m of retracting webbing.
- > EN360 certified (AS/NZS 1891.3 compliant).
- > Swivel hook at bottom and karabiner at top.
- > High impact flexible outer casing.

1010893 2.5m RETRACTABLE LANYARD

PLASTIC COATED WIRE LANYARD



- > 11mm plastic coated galvanised wire.
- > Integral compact energy absorber.
- > 19mm double acting hooks each end.

L11PEC2.0 2m - 19mm HOOKS AT EACH END

TIE BACK LANYARD



- > A revolutionary hook allowing the lanyard to tie back onto itself.
- > Tie back hooks will withstand forces of up to 22kN at any angle.
- > Provides greater flexibility on site with less set up time.
- > Easier and faster inspection.

L26WEC2.0 2m TIE BACK LANYARD

KARABINER 14mm OPENING

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

91326 TRIPLE ACTING
91326-10 PACK OF 10



KARABINER 16mm OPENING

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

501 SCREWGATE
501-10 PACK OF 10



CONNECTOR

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

51528 OVAL CONNECTOR
51529 TRI-SIDED CONNECTOR



KARABINER 27mm OPENING

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

566 SCREWGATE
566-10 PACK OF 10



KARABINER 65mm OPENING

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

502 DOUBLE ACTING TWIST



SCAFFOLD HOOK

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

M1030003 64mm HOOK
M1030004 56mm HOOK

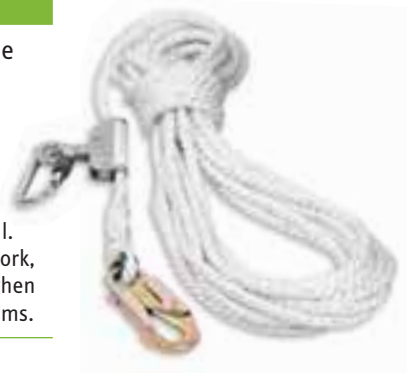




ANCHORAGE LINE

Anchorage lines provide flexible access for workers.

- > 15m anchorage line with 19mm opening hook at one end.
- > Type 1 fall arrestor moves easily up and down the line, and locks onto the rope in the event of a fall.
- > Applications: roof work, ladder work, or as a temporary back-up line when used with winches & rescue systems.



M1070008 15m LINE WITH TYPE 1 FALL ARRESTOR

Basic anchorage lines are also available.

A23RB15 15m POLYESTER ANCHORAGE LINE WITH 19mm HOOK

A23RB20 20m POLYESTER ANCHORAGE LINE WITH 19mm HOOK

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

ROOF ANCHOR

- > Right angled anchor plate clamps securely onto a roof edge.
- > Curved arm suited to corrugated roofs.
- > Screws down for additional stability.
- > Single person anchorage point.

M1030048 ROOF ANCHOR



DROP LINE WEIGHT BAG

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

M1004 DROP LINE WEIGHT BAG



TIE-OFF ADAPTOR

- > Wraps around an anchorage point providing a suitable connection.
- > Allows attachment to anchorage point.
- > Available in 1 or 2m lengths.
- > Single person anchorage point.

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



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.

ROPE ADJUSTER 12mm



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.

KIBLOCK KIBLOCK 12 AND 16mm UNIT



ALTOCHUTE

- > Is openable and can be attached to the rope at any point.
- > Automatically locks onto the rope in the event of a fall.
- > Available to suit both 12mm and 16mm rope

ALT/12 ALTOCHUTE 12mm
ALT/16 ALTOCHUTE 16mm



MILLER ANCHOR GRIPS™



Anchor Grips are portable, reusable anchorage connectors designed for use in concrete applications.

- > Can be removed and re-installed into a new location.
- > Insertion is into a properly sized, cured concrete hole.
- > Designed for vertical or overhead/ceiling surface applications.
- > Made of stainless steel, aluminium and non corrosive materials.
- > 496 suits single user connection.
- > 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.
- > Complete with grade 9 nut and lock washer.
- > Maximum tensile strength of 22kN.
- > Connector weighs approx 309g.



91310 FIXED BOLT ANCHORAGE CONNECTOR

ANCHORAGE CONNECTOR

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



91311 BOLT THROUGH ANCHORAGE CONNECTOR

TIE OFF

- > 1m anchorage strap with dee ring one end and reversed eye other.
- > Protective sleeve prevents wear on webbing.
- > Easy attachment to dee ring by lanyard or anchorage line.



ME1009 DEE REVERSED EYE TIE OFF

TIE-OFF

- > 6mm plastic coated galvanised wire.
- > Thimble eyes at each end.
- > Suited for use over sharp edges or in welding environments.

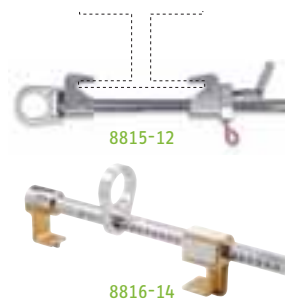


PLC1 PLC TIE OFF PLASTIC COATED WIRE 1m

BEAM ANCHORS AND CLAMPS

Designed for use on 'I' beams, providing either a fixed or trailing anchorage point for workers.

- > Adjustable to suit the width of a beam from 76mm to 355mm.
- > 8816-14 is designed to trail hands-free behind a worker.
- > 8815-12 is to be clamped in a stationary position onto the beam.



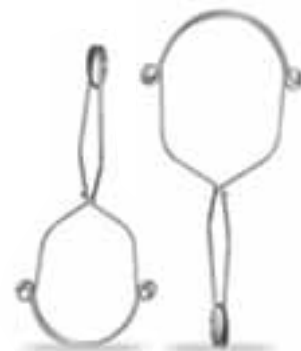
8814-12 SHADOW BEAM ANCHOR

8816-14 SLIDING BEAM CLAMP

8815-12 FIXED BEAM ANCHOR

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

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 fiberglass 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

CROSS ARM SLINGS

- > Anchorage strap with large and small alloy dee each end.
- > Chokes through itself around a suitable anchorage point.
- > Provides easy attachment of lanyard via small alloy dee ring.
- > For single person use only.

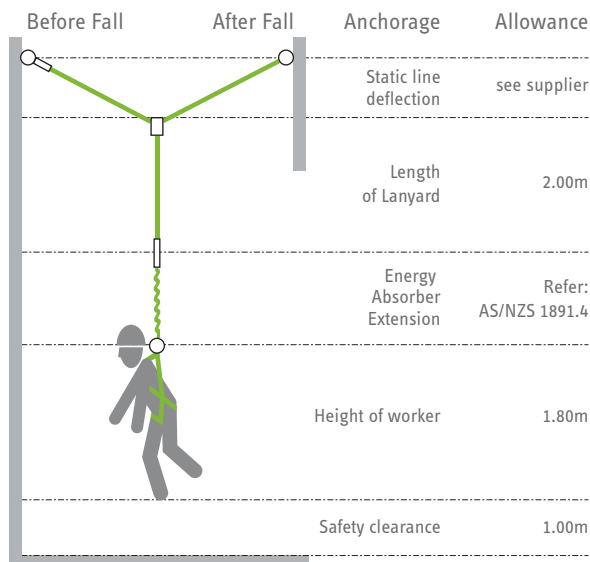


CAS1 CROSS ARM SLING 1m

CAS2 CROSS ARM SLING 2m

Fall Clearance Requirements

The lanyard and static line fall clearance diagram below provides a visual indication of fall distances and clearances required. When using a temporary static line system in conjunction with a lanyard, users must be aware of the clearances required. Refer to AS/NZS 1891.4 for more information on fall clearances.



ROPE TEMPORARY STATIC LINE



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

- > 20m 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

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 of up to 2 people.
- > To suit applications in construction, maintenance and roof work.

3501418 WEBBING TEMPORARY STATIC LINE



SCORPION FALL ARRESTOR

A lightweight compact type 2 fall arrestor with quick activating retractable webbing, limits free falls and offers greater mobility. An affordable alternative to standard energy absorbing lanyards.

- > 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.
- > Stainless steel and aluminium body with high impact polymer cover.
- > Quick activating breaking system limiting free fall to a minimum.

1008587
SCORPION FALL ARRESTOR
WITH SWIVEL HOOK



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.
- > Integral fall indication hooks.
- > Easy to carry and install, ideal for hard to mount locations.
- > Suited to construction, industrial access and warehousing.

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

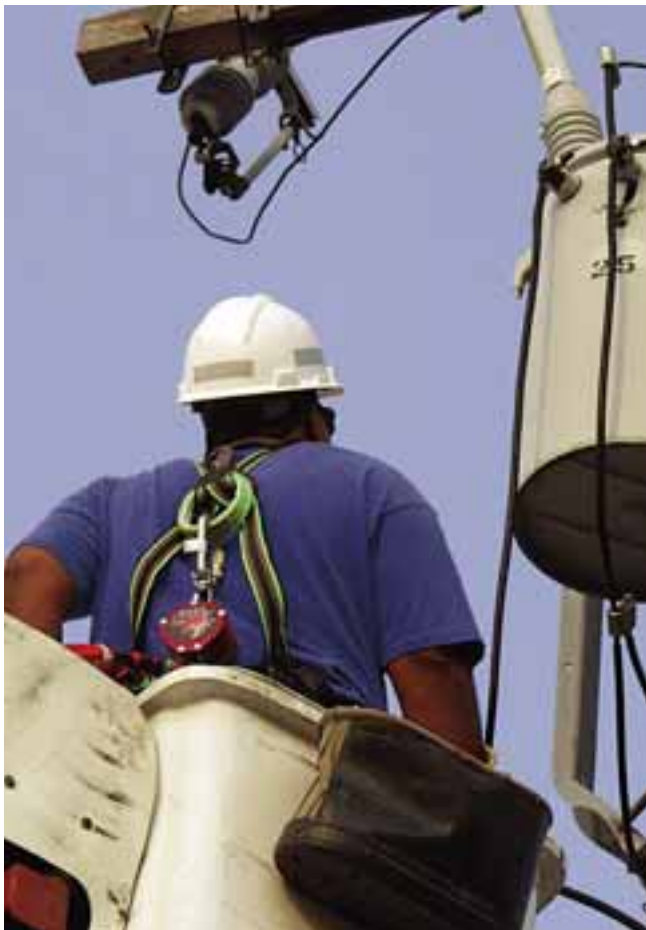


MINILITE FALL ARRESTOR

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.
- > High impact protective outer cover.
- > 3m of retractable webbing working capacity.
- > Swivel hook termination.

FL3M WITH SWIVEL HOOK



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.
- > Lightweight smooth composite housing increases durability.

- 1011728 6m GALVANISED WIRE
- 1011742 10m GALVANISED WIRE
- 1011746 15m GALVANISED WIRE
- 1011750 20m GALVANISED WIRE
- 1012680 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

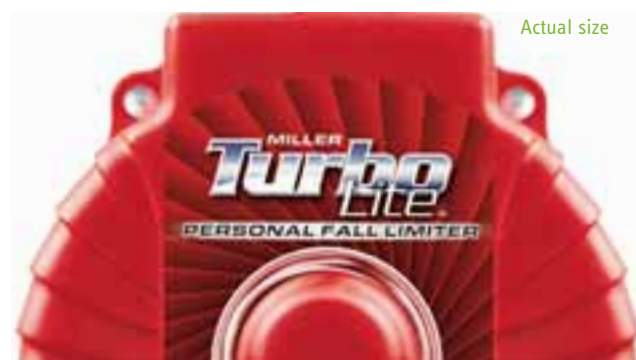


Miller TurboLite™ fall arrestor is an extremely compact, lightweight and safe addition to every tool kit.

TurboLite™ is a versatile cost-effective alternative to shock-absorbing lanyards and is designed to eliminate the need to carry different fall protection equipment, ensuring increased safety when height safety conditions change. TurboLite is small, light, and fully compliant. Designed for use as a personal fall limiter arresting free fall within millimetres.

Features include:

- > Stainless steel components with impact resistant nylon housing and engineered HiTech Polyester/Vectran Webbing
- > Compact, light weight construction, measuring 99.3h x 82.6w x 61.5mm deep.



BLACK RHINO FALL ARRESTOR

The small, lightweight Black Rhino fall arrestor is designed with stainless steel wire to endure harsh working environments such as: concrete construction, welding, steel erection, food processing and warehousing applications.

- > 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
- > Full stainless steel option is available.
- > Also available with triple acting karabiner terminations (TAK).

- CFL2.7M-7/AUS WITH SWIVEL HOOK
- CFL2.7M-8/AUS WITH TAK



TURBOLITE FALL ARRESTOR

Small, light and compliant retractable Fall Arrest Block designed for use as a personal fall limiter arresting a fall within millimetres.

- > Retractable technology prevents trip hazards while built in swivel prevents lifeline twisting.
- > It 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 the 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



MANHANDLER™ WINCH

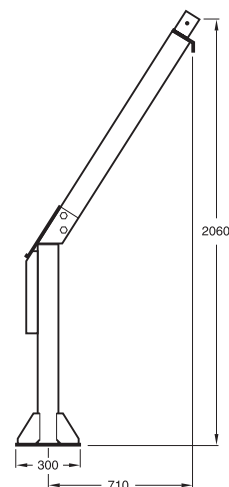


The Miller ManHandler winch is the perfect solution for work positioning of personnel and emergency rescue.

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

MAN/WIN MANHANDLER WINCH 18m
MAN/WIN 30 MT MANHANDLER WINCH 30m
MAN/WINA ADAPTOR PLATE FOR DAVIT ARM

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.
- > Addition of secondary plate adapts unit to suit ManHandler winch.
- > 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 120D DAVIT ARM

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





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

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 DuraHoist™ four piece confined space system.

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

The modular design allows for the use of components in various configurations and applications. Multiple winches and/or self-retracting lifeline systems may be mounted as required.

DuraHoist™ is constructed from lightweight high strength powder-coated aluminum, no tools are required for assembly.



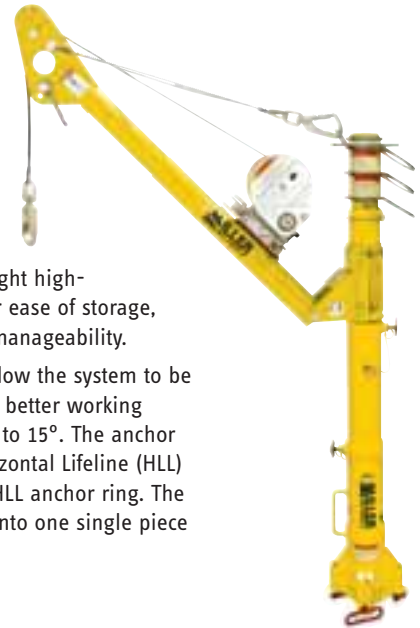
Miller DuraHoist™ fall arrest anchor post, rescue davit and materials handling arm.

The Miller DuraHoist portable fall arrest anchor post has been designed for use on top of transformers or other types of vertical platforms.

The fall arrest anchor post provides three independent swivel tie-off points for fall-arrest anchorage and a three stage/four position telescoping design.

Components are constructed of lightweight high-strength aluminium for ease of storage, transport, set-up and manageability.

The levelling screws allow the system to be plumbed to vertical for better working stability on inclines up to 15°. The anchor post also provides Horizontal Lifeline (HLL) capabilities using the HLL anchor ring. The anchor post collapses into one single piece weighing only 17.5kg.



DURAHOIST™ FOUR PIECE SYSTEM



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

- > Lightweight, easy storage, transport and set-up.
- > DH-3 mast has 2272kg capacity fall arrest anchor point.
- > Height of mast can be adjusted according to users requirements.
- > DH-4 has built-in level indicator for easy levelling.
- > Quick release joins for easy collapsibility and transport.
- > Three piece base features adjustable screws for easy set-up.

DH-3 ONE PIECE ADJUSTABLE MAST

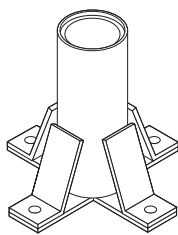
DH-4 THREE PIECE PORTABLE BASE

DH-23 LARGE OFFSET UPPER POST

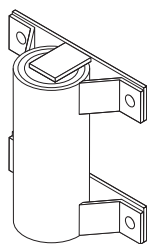
DH-24 WIDE THREE PIECE PORTABLE BASE

NEW

MOUNTING SLEEVES



DH-7ZP



DH-8ZP

A wide variety of mounting sleeves are available with the DuraHoist range.

- > DH-7ZP is a floor mount sleeve which is suitable for mounting on horizontal structures.
- > DH-8ZP is a wall mount sleeve which is suitable for mounting on vertical structures.

DH-7ZP FLOOR MOUNT SLEEVE

DH-8ZP WALL MOUNT SLEEVE

DURAHOIST™ PORTABLE ANCHOR POST



DH-AP-3 Davit Arm
mounted onto anchor post

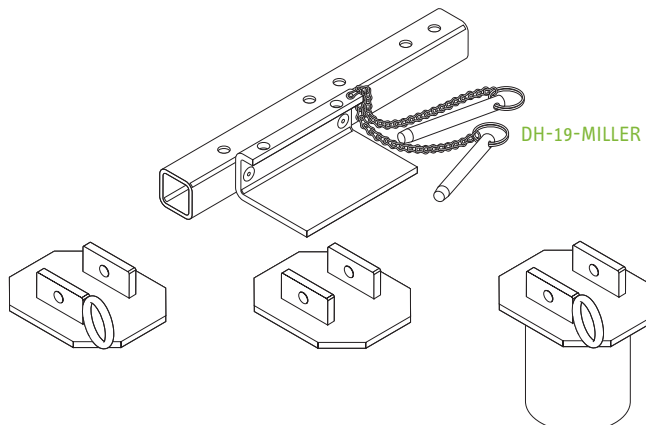
DuraHoist portable fall arrest anchor post provides 3 independent swivel tie-off fall arrest anchorage points.

- > 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

ANCHOR PLATES



DH-AP-4

DH-AP-5

DH-AP-6

DuraHoist anchor plates are designed for welding to existing structures and locations of frequent work.

- > DH-AP-4 includes a tie-off anchorage point.
- > DH-AP-5 is a standard anchor plate.
- > DH-AP-6 includes a tie-off anchor point for inclined surfaces.
- > DH-19-MILLER adaptor bracket for mounting the Miller MightyEvac and/or Miller ManHandler onto a DuraHoist System.

DH-AP-4 PLATE WITH TIE OFF ANCHOR

DH-AP-5 STANDARD PLATE

DH-AP-6 ANCHOR PLATE FOR INCLINED SURFACE

DH-19-MILLER ADAPTOR BRACKET

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 ESCAPE MASTER WITH 15m OF ROPE
M1030017 ESCAPE MASTER WITH 20m OF ROPE
M1030016 ESCAPE MASTER WITH 25m OF ROPE
M1030015 ESCAPE MASTER BOX ONLY

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 rivetted axis handle.



M1030029 DSD-30 VERTICAL DESCENT UNIT

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

SPREADER FRAME

- > Spreader frame attaches to the confined space loops on a harness.
- > 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

UNIVERSAL SPREADER BAR

- > The karabiners on the universal spreader bar are attached directly to the shoulder straps of the harness.
- > 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.



M1010036 BAR

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

BANDIT TOOL STRAP

- > 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



HAND TOOL STRAP



- > 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

STRETCHERS



Evac body splint

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. Rolls up for easy storage.
- > Basket stretcher has welded framework and a wooden surface, it is versatile and ideal for winching applications.

1007046 EVAC BODY SPLINT


ST04005A BASKET STRETCHER

SPORTS CARRY BAG



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

86103 SPORTS CARRY BAG



When safety and productivity are on the line, there is no room for compromise, which is why architects and engineers have trusted Söll Fall Protection products for more than three decades. Sperian Fall Protection is the leading manufacturer of permanent fall protection systems (both horizontal and vertical).

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 1981 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.

CHOOSING THE CORRECT SYSTEM IS ESSENTIAL

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.

THE SYSTEMS

1 Söll Xenon Static Horizontal Lifeline

Xenon is 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

2 Söll Ladder Systems

This system utilises GlideLoc® technology which is a guided type 1 fall arrestor used in conjunction with fixed ladder elements of the system. Available in a variety of configurations and materials (aluminium, stainless steel, and galvanised steel), there is a ladder to suit your working situation and environment.

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

3 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

4 Söll MultiRail Rail System

MultiRail is 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



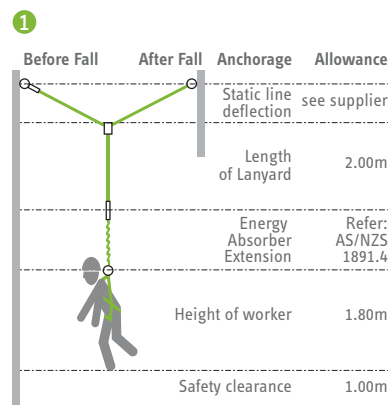
FALL PROTECTION DEFINITIONS

1 Fall Clearances - Static line and Lanyard

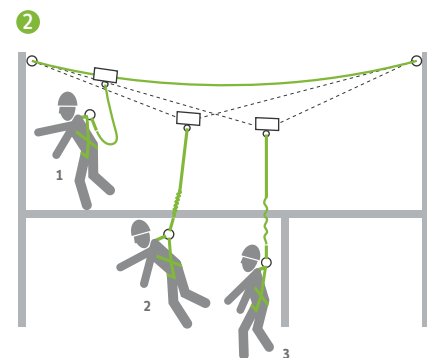
When arresting a fall, flexible systems such as the Söll Xenon system will invariably deflect downwards to a greater extent than the static load might suggest. It's important to allow appropriate fall clearance when using such a system. By calculating your particular static line application through specific software, you are able to determine system deflection and end loads generated in the event of a fall.

2 Static Line Swing

Static Line swing or the pendulum effect is where a fall takes place near an end or intermediate anchorage on a flexible static line. The mobile anchorage device will run toward the centre of the span, causing the user to potentially collide horizontally with a fixed object.



Fall Clearances



Static Line Swing

The Söll Xenon Horizontal lifeline system is the ideal solution for protecting workers at height.

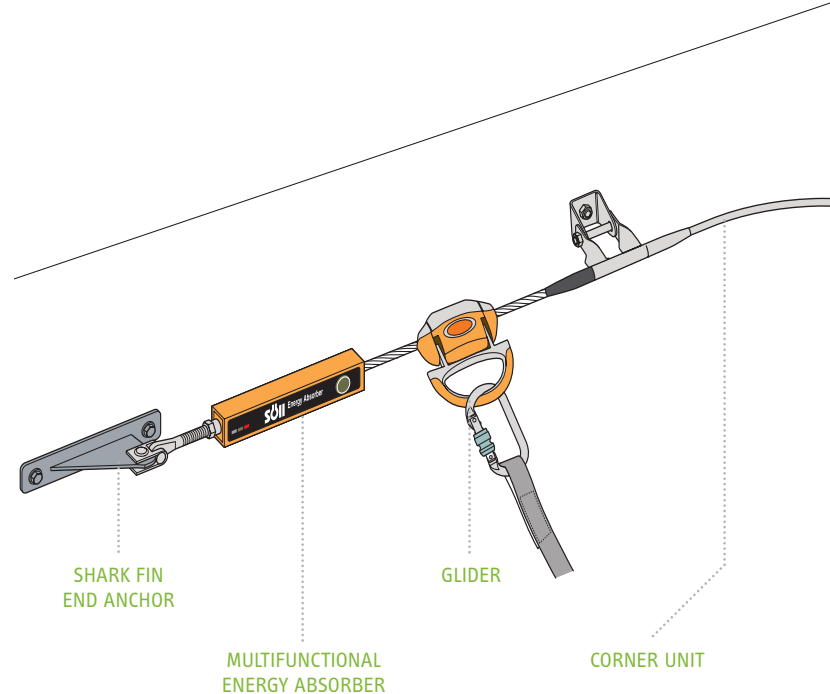
The dual protection design of the Xenon system allows workers to be restrained from reaching a point where a potential fall hazard exists and also provides fall arrest protection in the event of a fall.

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.

Features include:

- > Compact stainless steel components
- > Improved worker safety
- > A versatile fixed horizontal lifeline certified for simultaneous use by up to 4 people
- > Minimum maintenance with fewer components
- > Innovative design
- > The system requires fewer parts
- > Easy to install on a variety of structures



SHUTTLE

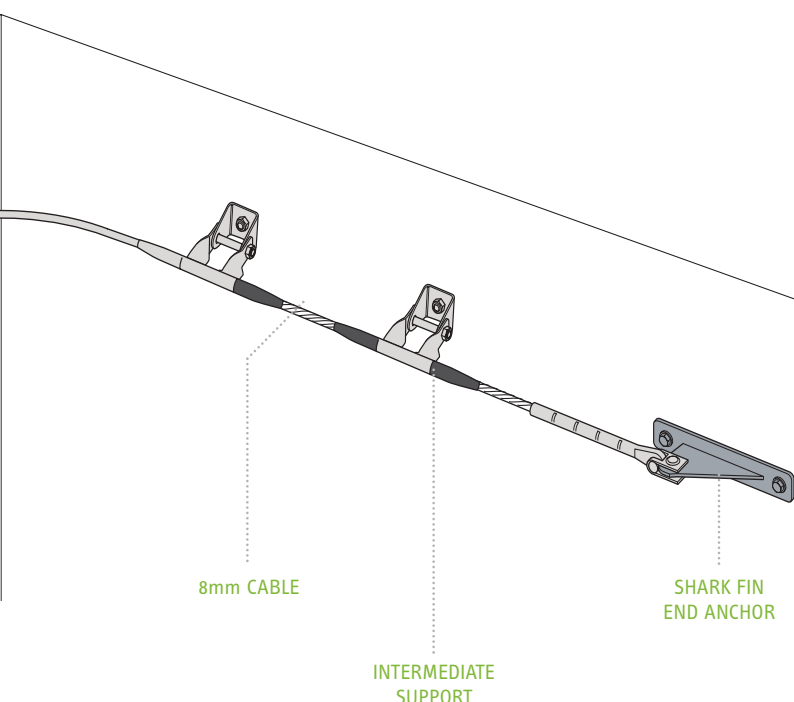


The Söll Xenon Horizontal Lifeline Shuttle represents a revolutionary design with many innovative benefits.

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

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

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 provides a visual indication, alerting 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

Söll Xenon Overhead Horizontal Lifelines provide hands free fall protection at height.

Söll Xenon Lifelines are horizontal anchorage devices incorporating a flexible wire rope providing the perfect safety solution for installation, maintenance and cleaning at height.

The most common applications include: industrial plants, roof tops, cranes and other vehicles.

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 by 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 ENERGY ABSORBER



The Overhead Energy Absorber has 4 essential functions in one unit, these are: a shock absorber, a line tensioner, a tension indicator and a fall indicator. Designed with Structure Guard Technology™, which reduces forces in 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 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.

1015432 XENON OVERHEAD TROLLEY

OVERHEAD INTERMEDIATE



The new Overhead Intermediate guarantees the smooth passage of the wheeled glider - even when using a heavy fall arrest block.

- > Body made from stainless steel.

1015431 XENON OVERHEAD INTERMEDIATE

The Söll GlideLoc® system includes fall protection ladders, guide rails, and guided type fall arrestors.



Söll GlideLoc® is a permanent fall protection system comprised of steel or aluminium notched rails 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, and 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



Comfort fall arrestor provides 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

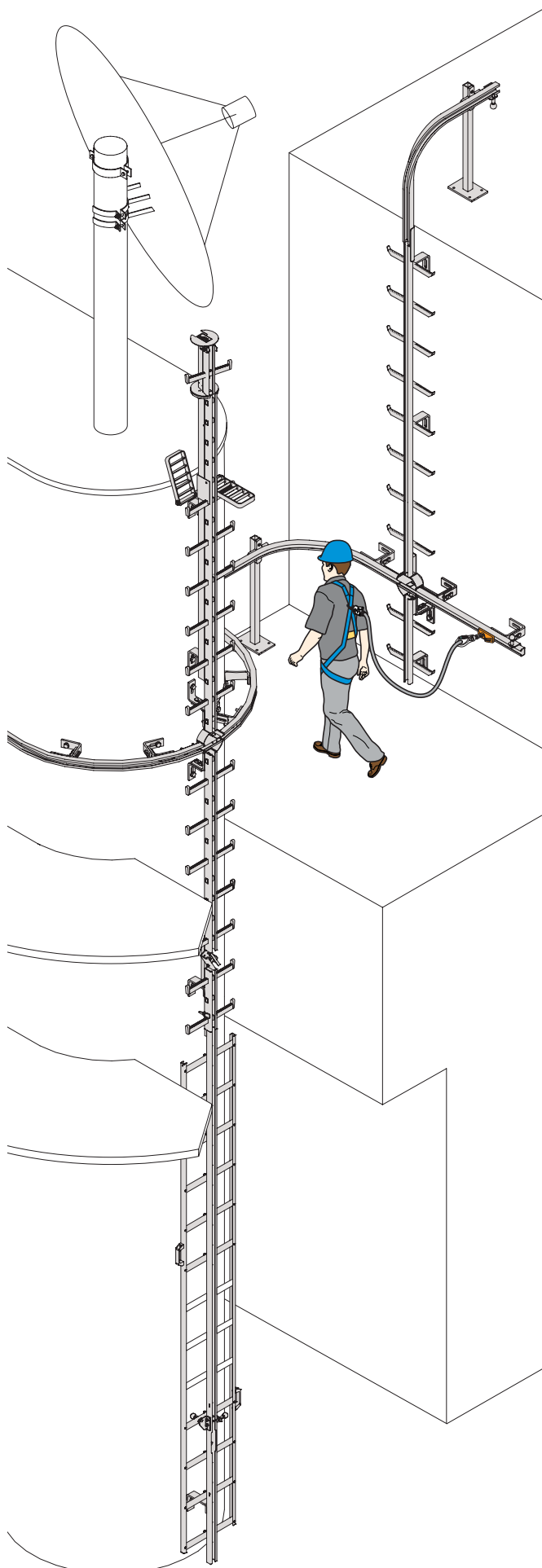


Fall protection ladders feature an integrated guide rail fall arrest system in the centre stile.

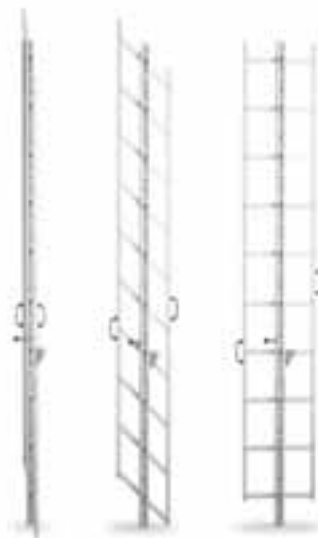
- > Y-spar is a cost effective alternative. The low surface area keeps wind loads transmitted onto the understructure to a minimum.
- > Twin ladders - The operator can glide their hands along the side rails when ascending without having to hold onto the rungs.
- > Guide Rail can be assembled onto pre-installed 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

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

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



Söll Vi-Go, the new vertical cable system with integrated fall protection.

Söll Vi-Go is a Vertical Cable System that can be retrofitted onto existing climbing devices such as ladders or rungs. It can support up to 8 workers. It is versatile and easy to use and install as there are minimal components to make up a complete system.

Being that it is suited to vertical applications only, suggested industries and applications include: wind power generation, power supply, telecommunications, utilities, oil rigs, shafts and manholes.

The system consists of 8mm or 10mm galvanised or stainless steel cable, ergonomic interfaces and a revolutionary guided-type fall arrestor, all manufactured from high quality materials with corrosion resistant finishes.

The Söll Vi-Go shuttle has been designed to eliminate incorrect use and due to its built in energy absorbing element, impact forces on the end user in the event of a fall are reduced significantly to below 6kN.

The fall arrestor is quick and easy to use as a result of its absolute single handed operation. It is also equipped with a dual locking mechanism, making it safe and 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 and 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 a globally approved system, that complies with AS/NZS 1891.3.



SHUTTLE



Shuttles are equipped with a durable energy absorber, ensuring more safety in case of stresses acted on the rope by other users in the event of a fall. Not using a textile shock absorber considerably reduces recurring costs for damaged or old absorbers.

- > Made of stainless steel, the shuttle is corrosion-resistant.
- > Requires minimum maintenance.
- > Designed such that repairing is easy and inexpensive.

1017271 VI-GO SHUTTLE

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 galvanized steel.

1017380 TENSIONER (GALVANISED) 8 AND 10mm CABLE

1017381 TENSIONER (STAINLESS STEEL) 8 AND 10mm CABLE

ADDITIONAL COMPONENTS

The range of Söll Vi-Go components available are:

1017386 SWAGELESS TERMINATION 8mm

1017387 SWAGELESS TERMINATION 10mm

1017388 ID PLATE

M1030058 TWISTED EXIT KIT, INCLUDES INTERMEDIATES AND CLAMPS

M1030054 PLATFORM EXIT POST, FITTING REQUIRES 2 GUIDE RAIL CLAMPS

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

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

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

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

The Söll MultiRail horizontal guided rail provides workers with a flexible fall arrest system.

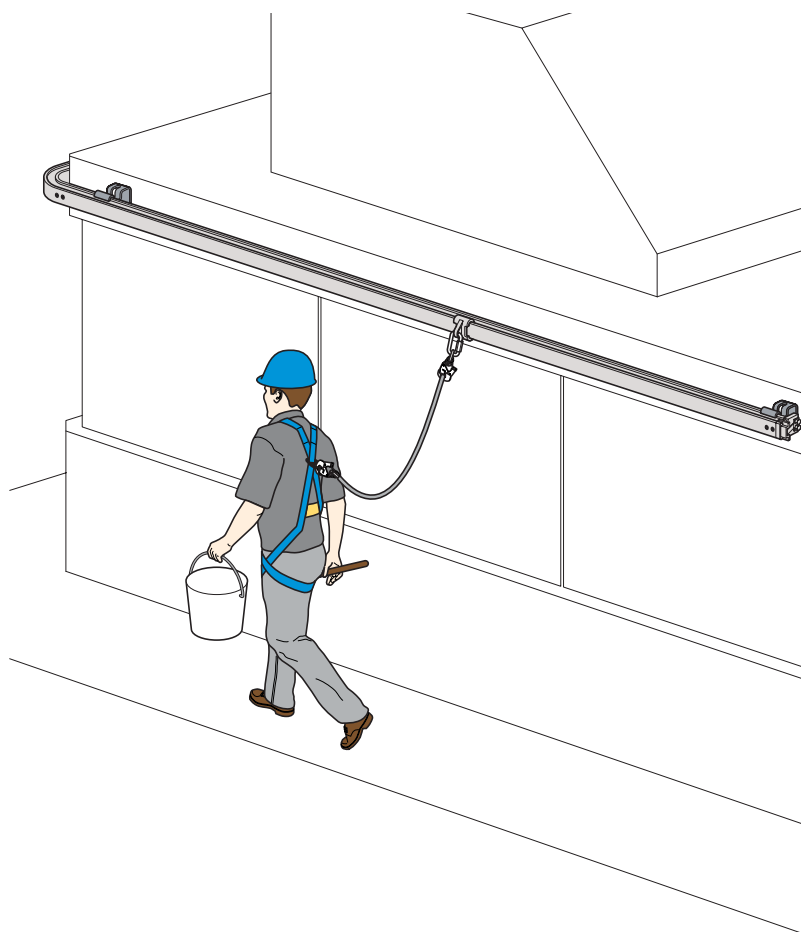


Compared to anchorage points (which only offer the user a limited freedom of activity depending on the length of the lanyard) the MultiRail system can be installed along the entire unprotected work area, offering greater safety.

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.



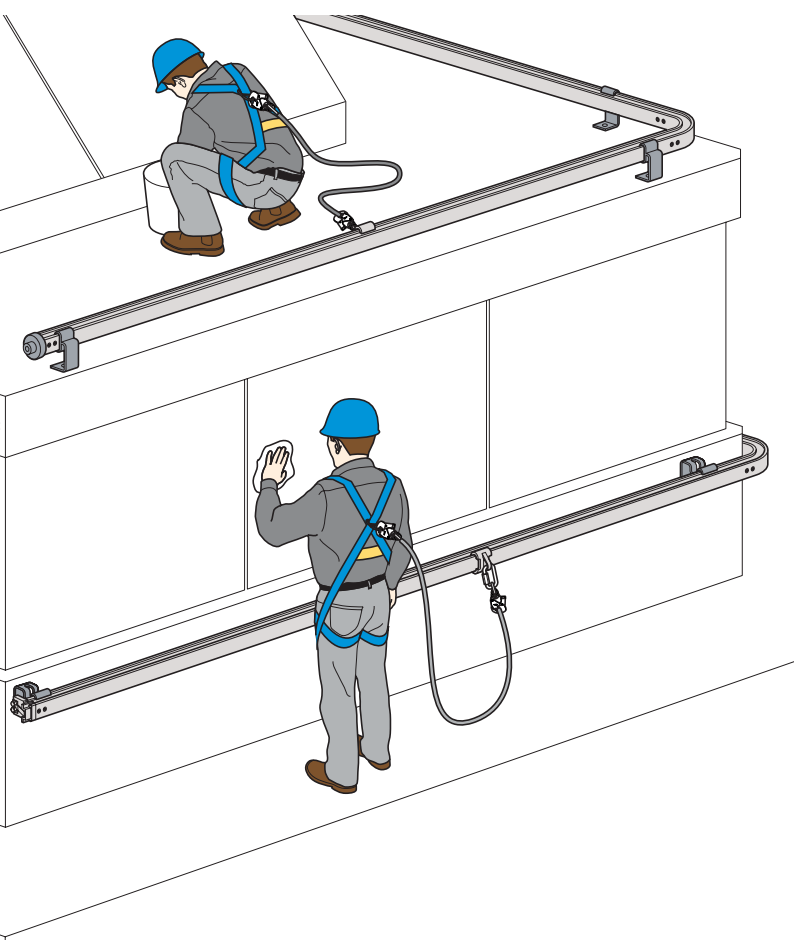
GLIDERS



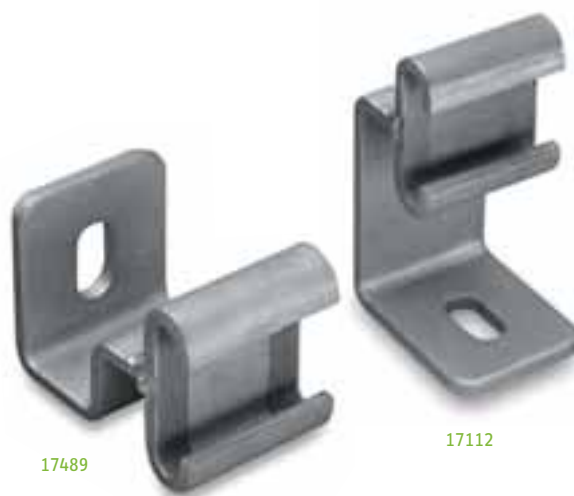
The gliders provide 3 options including closed, openable and wheeled runner for overhead applications.

- > 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°

Inspection, Maintenance and Storage.

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.

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 13-20 Lanyards pages 21-22 Anchorage lines page 23 Anchorage devices page 24	A Operator Inspection
Fall arrestors/inertia reels an external check only	3-monthly inspection by a competent person	Fall Arrestors pages 26-27	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 20 Harnesses pages 13-20 Tie off adaptors page 23	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 24 Fall Arrestors pages 26-27 Söll Xenon, GlideLoc, MultiRail and Vi-Go pages 36-45 Rescue and Escape Equipment pages 32-33	D Anchorages E Fall 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, please 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

A visual inspection is required, 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 and 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. These 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 of Fall arrest devices.

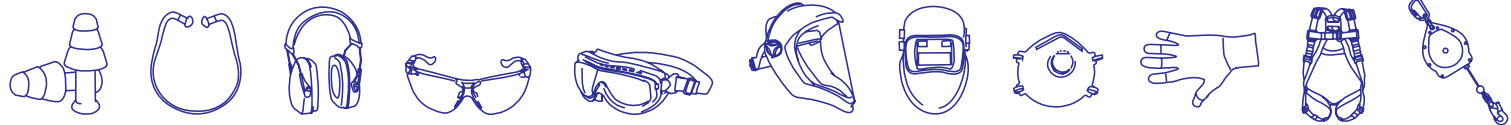
F Horizontal and Vertical life lines and rails

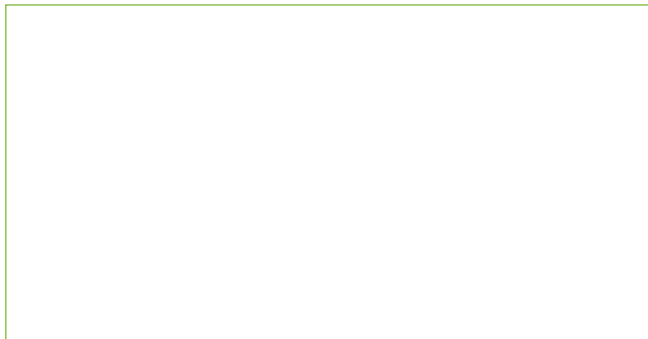
Horizontal lifelines, vertical life lines, horizontal and vertical rails shall be subject to 12 month inspections, unless they are out of service or unused for a period longer than 12 months.

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.





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