



HEIGHTECH
HEIGHT SAFETY PRODUCTS

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When It's Critical.

A trusted name for over four decades, Ferno Australia has been proudly supplying high performance safety, emergency and rescue devices across a wide range of industries. To maintain Ferno Australia's excellent reputation for product quality and reliability, the company has attained ISO 9001:2000 Quality Certification and has the 'five ticks' Standards Mark licence, the most recognised certification mark in Australia.

Ferno has also achieved accreditation in AS/NZS4488.1:1997 Industrial Rope Access Systems and AS/NZS1891.1:2007 Industrial Fall Arrest Systems and Devices and most recently succeeded with accreditation to CE standard EN 361 Full Body Harnesses and EN 355 Energy Absorbers. This enables Ferno Australia to test products to the National Association of Testing Authorities (NATA) standard and makes Ferno one of only six NATA accredited testing labs in Australia certified to conduct testing under these standards.

In addition to AS/NZS and CE standards accreditation, Ferno has recently achieved manufacturing approval by Civil Aviation Safety Authority (CASA) to ATSO-C1003 Helicopter External Personnel Lifting Devices for a range of rescue and retrieval specific harnesses and devices for both rescuer and patient.

Today, Ferno Australia distributes a complete line of mission critical products around the globe, many of which are now the industry standard for their application owing to their unmatched quality, reliability and safety record. With more than 1,000 height safety products now available and around 10,000 products across our entire range, customers can be sure Ferno will have the required solution for any scenario where personnel safety is at risk.

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Acknowledgements

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Use of this equipment

If you use Ferno equipment, you are responsible for learning and utilising safe techniques. We disclaim all liability for any injury or loss arising from the use of this equipment. It is the user's responsibility for maintaining this equipment in correct working condition. The products in this catalogue are designed for specific purposes and must not be used in any manner other than for which they are designed. Do not use any equipment in this catalogue until you receive proper training in the use of that equipment.

Ferno Ultralite X Harness

Code VHI ULTRALITE X

The Ultralite X is designed and manufactured in Australia and combines world leading safety features with superior comfort and easy vest style donning.

The harness is constructed with pliable, moisture wicking mesh that provides the wearer with unrestricted flexibility and comfort during low & high risk work conditions. For confined space entry and work at restraint, tie into the front attachment points and adjust the leg straps and sit into the harness for additional comfort and support as well as reducing the chances of suspension trauma. In the event of a fall, forces are distributed evenly through the harness, dissipating damaging impact shock and protecting the user from internal injuries.

The harness has an innovative cross style design that adjusts to fit a large range of body shapes. This combined with the flexible and unrestrictive frontal straps makes this harness a favourite for females.

The Ultralite X features all alloy componentry with oil, grease and water repellent webbing along with reflective properties provide hi visibility in night or dark applications. Non-metallic front and rear free fall arrest attachment points have contributed to the overall impressive weight of 1,295 g - a significant weight saving that reduces fatigue on the wearer. The Ferno Ultralite X is so light and comfortable you won't want to take it off!

Certified to AS/NZS 1891.1:2007 and EN 361:2002.

Features and Benefits

- World leading safety features
- Unrestrictive and comfortable to wear
- Lightweight and easy donning
- Weight 1.29 kg
- Female anatomy friendly design
- Non-metallic front and rear free fall arrest attachment point
- Confined space retrieval attachment points
- Lightweight alloy quick connect leg buckles
- 3D breathable mesh
- Oil, grease and water repellent webbing
- Reflective for exceptional night time visibility
- Certified to AS/NZS 1891.1:2007
- Certified to EN 361:2002
- Sizes: S/M, Standard & L/XL

Optional Features

- All stainless steel hardware
- Waist strap, side Ds plus dorsal extension



Female anatomy friendly design

Waist strap, side Ds plus dorsal extension.

Challenge Pro Series

Code VHI CHG PRO (standard) VHI CHG PRO PFD (with PFD) VHI CHG PROK (Kevlar) VHI CHG PROK PFD (Kevlar with PFD)

The Challenge Pro's universal design makes it suitable for various applications including industrial height safety, EWPs, confined space, rope access work, general rescue and high rope activities. A removable padded shoulder/back panel provides superior comfort and assists with quick and easy donning.

New materials including reflective 3D breathable mesh, alloy componentry, oil, grease and water repellent webbing has enabled a weight saving of 200g over its predecessor.

The reflective properties provide pronounced visibility for safer working at night or in dark areas. Breathable mesh fabric in the back, shoulder and leg pads provide paramount support and comfort while assisting in keeping the user cool and dry.

Certified to AS/NZS 1891.1:2007 and CASA ATSO-C1003 Helicopter External Personnel Lifting Devices.

Challenge Pro with integral PFD is certified to AS/NZS 4758.1-2008 Personal Floatation Devices and AS/NZS 1891.1:2007 Industrial Fall Arrest System. This provides options for anyone working over or near water including wharf workers, stevedores, air sea rescue, shipping and oil rigs. Supplied with a separate CO2 cartridge that should be installed immediately.

Challenge Pro Kevlar is made from industry leading flame retardant and cut resistant materials that provide additional safety options for welders or hot work applications. Certified to AS/NZS 1891.1:2007. The Challenge Pro Kevlar is also available with an optional, integral, flame retardant AS/NZS 4758.1-2008 certified PFD.

Features and Benefits

- Front and rear free fall arrest attachment points
- Confined space retrieval attachment points
- Lightweight alloy quick connect buckles and componentry
- Generous size adjustment for most body statures
- Removable, reflective and padded shoulder/back panel
- 3D breathable mesh plus oil, grease and water repellent webbing
- Reflective for exceptional night time visibility
- Certified to AS/NZS 1891.1:2007 (all models)
- Certified to CE EN 361 Full Body Harnesses (all models)
- Certified to AS/NZS 4758.1-2008 PFD's (PFD model)
- Certified CASA Helicopter Lifting Device (Standard version only)
- Sizes: S/M, M/L. Conditions apply XS and XL



Challenge Pro Kevlar
Flame Proof



Challenge Pro with integral PFD certified to
AS/NZS 4758.1 & AS/NZS 1891.1



Ferno Centrepont II Full Body Harness

Code VHI CEN FB 2 (standard) VHI CEN FB 2 A (ascender) VHI CEN FB 2 BS (battery & self-rescue strap)

The Centrepont II combines comfort and practical features and ensures even weight distribution with no pressure points or pinching whilst moving. A favourite with Australian emergency services and rope access technicians, the Centrepont II is a tried and proven workhorse that can be used in a multitude of applications.

New industry leading features include innovative, lightweight and breathable back, shoulder, waist and leg padding providing unparalleled support and comfort. Reflective webbing and padding for pronounced visibility for safer working at night or in dark areas.

These features make the Centrepont II harness perfect for work positioning, fall arrest, rope access and rescue scenarios.

Features and Benefits

- Confined space retrieval attachment points
- Offset (cranked) pole strap attachment points
- High & low front free fall arrest attachment points
- Rear free fall arrest attachment point
- Quick connect lightweight buckles
- Gear loops for additional gear
- Large, wide, cushioned mesh waist and leg pads
- Breathable support pad for back & neck protection
- Reflective for exceptional visibility
- Oil, grease and water repellent webbing
- Adjustable leg positioning straps for best fit
- All alloy hardware
- Certified to AS/NZS 1891.1:2007
- Certified to EN 361:2002
- Sizes: S, M & L. Conditions apply XS and XL

Optional Features

- All stainless steel hardware
- All steel hardware
- Lower frontal D hard attachment point
- Integral alloy ascender kit for increased mobility when ascending



Optional lower hard D attachment point



Reflective for exceptional visibility

Ferno Hardpoint Full Body Harness

Code VHI HP (standard) VHI HP ASC (ascender)

The Ferno Hardpoint provides all the comfort, benefits and industry leading features of the Ferno Centrepont 2 Harness but with a front hard connection point in place of the web belay loop. The Hardpoint also includes an abundance of hard and soft connection points spaced across the waist and back pads to attach additional hardware and gear as well as elasticised leg positioning straps.

Also included are innovative features including lightweight and breathable back, shoulder, waist and leg padding providing unparalleled support and comfort. Reflective webbing and padding for pronounced visibility for safer working at night or in dark areas.

These original and new features makes the Hardpoint Full Body Harness perfect for work positioning, fall arrest, rope access and rescue scenarios.

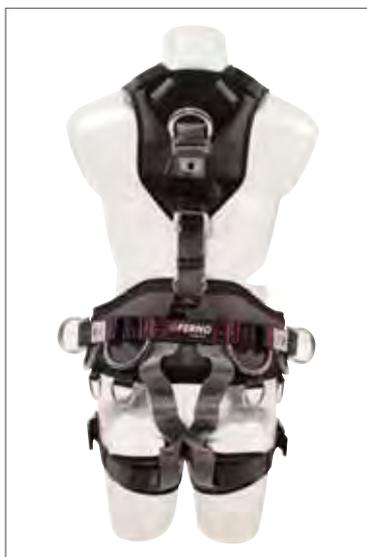
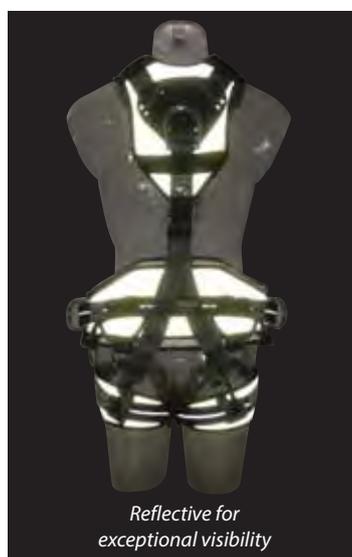
Features and Benefits

- Front hard connection point
- Versatile design allows use for a multitude of applications
- Offset (cranked) pole strap attachment points
- Quick connect buckles on waist and legs
- Front and rear free fall arrest D-ring attachment points
- Limited free fall arrest attachment point
- 8 additional connection points for hardware and gear
- Extra wide, padded waist and leg straps for added comfort when hanging or working for long periods of time
- Removable and breathable 3D mesh back pad provides unrivalled shoulder and neck protection
- Elasticised leg positioning straps
- Supplied standard with all alloy hardware
- Flame proof and antistatic webbing
- Certified to AS/NZS 1891.1:2007
- Certified to EN 361:2002
- Available S-M & M-L. Conditions apply for XS and XL



Optional Features

- All stainless steel hardware
- Integral alloy ascender kit for increased mobility when ascending



Ferno ROAR Lite Harness

Code VHI ROAR LITE

The ROAR Lite is the ultimate technical harness for rope access and rescue specific requirements. Described by a high level rope access professional as “the best and most comfortable harnesses I have ever tried.”

The ROAR Lite combines a generous volume of cushioned, breathable padding ergonomically sculptured to provide optimum support and comfort without impeding spinal motion and function. The moulded leg support inserts eliminate inward leg pressure when suspended enabling all day suspension without effecting leg function and mobility. Shoulder, upper back, lower back, leg and waist straps adjust to support the user in any angled seated position.

An integral chest ascender is kept tight to the body and the innovative attachment method reduces friction by counteracting the ropes natural want to kink or twist, resulting in a smooth, easily controlled travel on rope. H-Style Shoulder Straps with confined space pick up points eliminate scissor action of the traditional V-neck design harnesses and reflective webbing and padding provide exceptional visibility and safety when working at night or dark areas. Constructed with all alloy componentry with oil, grease and water repellent webbing.

Features and Benefits

- *Padding provides optimum support without impeding spinal motion or function*
- *Moulded leg supports eliminate inward pressure enabling all day hanging without affecting leg function or mobility*
- *Optimal fit and work positioning is achieved via adjustable shoulder, upper back, lower back, leg and waist straps*
- *Multiple fall arrest attachment points including con-space, front soft eye, ascender, two rigging D's, one front and one rear D provide a surplus of connection options for specialised rope access and rescue work*
- *Self-tightening leg straps eliminate the loosening of straps when walking*
- *Oil, water repelent and reflective materials for exceptional dark zone visibility, simple cleaning and longer life*
- *Multiple gear loops, anchor plate, quick connect buckles, all alloy hardware and breathable padding provides an exceptionally functional and lightweight harness at 3 kg*
- *H-Style Shoulder Straps eliminate scissor action of the traditional V-neck design harnesses.*
- *Certified to AS/NZS 1891.1:2007 & EN 361:2002*
- *Available S, M & L. Conditions apply XS and XL*

Optional Features

- *Rated side snap gate karabiners for heavy tool loads*
- *Turbo Chest Ascender Kit*



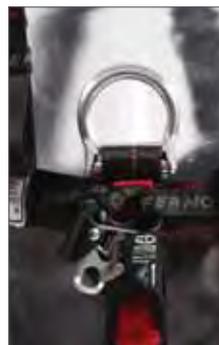
Shown with optional rated karabiner



Shown with optional rated karabiner



Reflective for exceptional visibility



Ascender with front D Ring



Anchor Plate / Rigging D's / Soft Eye Loop



Optional Snapgate Karabiner and Gear Loops



Moulded leg support inserts

Advantage Pro Tower Harness

Code VHI ADPRO

An innovative and modern design that blends the traditional 'H' and 'V' shape with a large front central tie in point for abseiling and work positioning making it suitable for both Tower and a multitude of other working applications. Breathable mesh, all alloy componentry and specialised splash and water proof webbing has removed over half a kilogram of weight over regular tower harnesses.

Padded, breathable waist and leg pads provide paramount support and comfort while keeping the user cool and dry. Reflective and glow in the dark materials improves night time visibility and safety. Rear gear loops are provided for attaching tools and equipment. All alloy quick connect buckles allow for fast donning.

Features and Benefits

- *Lightweight design, all alloy componentry*
- *Quick connect, alloy buckles*
- *Central multi-purpose front free fall arrest attachment point*
- *Pole strap attachment points*
- *Rear dorsal 'D' attachment point with extension*
- *Reflective and photo luminescent for night time visibility*
- *Rear gear equipment material loops*
- *Adjustable arc proof neoprene protective covers*
- *Pole Strap attachment point Velcro stowage system (when not in use)*
- *Certified to AS/NZS 1891.1:2007*



Ferno Tower 5 Harness

Code VHI TOW 5

The Tower 5 has quickly become the Tower Harness of choice amongst Australia's leading Electrical Authorities. The harness features an exceptionally comfortable seat with lumbar support that prevents user back strain and fatigue by positioning the user in an upright posture eliminating any "tip back" sensation.

Padded, breathable lumbar and leg padding provide paramount support and comfort while keeping the user cool and dry. Reflective and glow in the dark materials improve night time visibility and safety.

The neoprene buckle sleeves allows for non-conductivity from the waist up, rear gear loops provide for tools and equipment attachment and all stainless steel componentry provides additional safety.

Features and Benefits

- *Padded seat with lumbar support for optimal positioning*
- *Large, low set pole strap attachment points*
- *Rear, dorsal free, fall arrest extension strap*
- *Front free fall arrest attachment points*
- *Reflective and photo luminescent for exceptional visibility*
- *Quick connect adjustable leg buckles*
- *Rear gear loops*
- *Stainless steel componentry*
- *Neoprene covers on all upper metal buckles*
- *Certified to AS/NZS 1891.1:2007*
- *Available S, M & L. Conditions apply for XS and XL*



Ferno Hottie Flame Retardant Harness

Code: VHI TRADE B M KEV (with optional accessories)

Ferno's Hottie harness is made entirely from industry leading, flame retardant, fire and cut proof materials. For welders or hot work applications the Ferno Hottie provides peace of mind along with a comfortable, form fitting harness that is certified to AS/NZS 1891.1:2007. Available with optional detachable, flame retardant lanyard.

Features and Benefits

- Made from industry leading heat and cut resistant materials
- Front and rear free fall arrest attachment points
- Proban® triangle shapes harness ready for donning
- Stainless steel, double bar buckles
- Certified to AS/NZS 1891.1:2007
- Optional detachable flame retardant lanyard
- Available XS, S, M, L, XL. Conditions apply for XS and XL



Available as harness only or with detachable fire retardant lanyard.



Ferno Tradesman Full Body Harness

Code: VHI TRADE CSW (with optional accessories)

The Ferno Tradesman is a comfortable, form fitting and multipurpose, fall arrest harness. Supplied standard with all stainless steel componentry it is ideal for corrosive environments. Other standard features include waist strap, confined space attachment points, side 'D's and rear dorsal 'D' attachment points with dorsal extension.

Features and Benefits

- Front free fall arrest attachment points
- Rear free fall arrest attachment point with extension
- Pole strap attachment points
- Rear mesh panel shapes harness ready for donning
- Steel double bar buckles for waist, chest and leg adjustments
- Reflective, photo luminescent webbing for exceptional visibility day or night
- Oil, grease and water repellent webbing
- Certified to AS/NZS 1891.1:2007
- Available S, M & L. Conditions apply for XS and XL
- Labelling/screen-printed mesh available - conditions apply
- Optional all alloy hardware



Hi-Safe FH17 Full Body Harness

Code VFM-FH17

The FH17 is our premium economy harness that is fully adjustable for a multi size fit in an easy to don jacket style design. When connected to the front attachment points weight is evenly distributed through the buttock straps. The lower positioning of the front fall arrest attachment points provides the user with a free range of movement.

Features and Benefits

- Front and rear free fall arrest attachment points
- Weight distribution through buttock straps
- Easy access and good range of work movement
- Thread through, adjustable leg straps
- Breathable rear mesh panel keeps the harness in shape
- Fully adjustable multi size fit
- Easy to don jacket style design
- Certified to AS/NZS 1891.1:2007
- Customised labelling available - conditions apply



Hi-Safe FH50 Full Body Harness

Code VFM-FH50, HS-FH50-L (with lanyard)

Our price point full body harness with all mandatory safety features including confined space retrieval attachment points. Customised labelling available.

Features and Benefits

- Front and rear free fall arrest attachment point
- Confined space retrieval attachment points
- Breathable rear mesh panel keeps the harness in shape
- Quick and easy to don and adjust
- Fully adjustable, multi size fit
- Certified to AS/NZS 1891.1:2007
- Optional permanently attached lanyard also available
- Customised labelling available - conditions apply



Ferno FH-10 Fall Arrest Harness

Code VFM-FH10

A selective choice of quality materials has produced one of the lightest and lowest cost harnesses in the market. Low profile, cross-style sophisticated design. Easy to don and exceptionally light and comfortable to wear - 1.24 kg. Front and rear free fall attachment points. One size fits most. Certified to AS/NZS 1891.1:2007

Features and Benefits

- Economical and lightweight 1.24 kg
- Low profile, cross style design
- Easy to don
- Light and comfortable to wear
- Front and rear free fall arrest attachment points
- Fully adjustable, multi size fit
- Certified to AS/NZS 1891.1:2007



Inspection Program



Australian Standards recommend the life of a harness to be 10 years from the date of manufacture, if no damage has been sustained prior or in the meantime. Inspection by a competent person is recommended every 6 months in accordance with the manufacturer's recommendations.

The harness is to be withdrawn from use if it shows any form of degradation during this inspection.

Refer to AS/NZS 1891.4:2009 for further guidance on harness selection, use, inspection and maintenance.

Before and after each use, inspect your harness for any signs of ageing or damage.

1. Run your hands over the straps and ensure all webbing is free from abrasion, dirt, cuts, tears, burns and pen marks, overspray, chemical and UV damage, worn or crushed fibres, discolouration and knots.
2. Check the harness' sewn areas for damaged stitch patterns, broken or loose threads, heat damage or stretching.
3. Check each buckle, D-ring or attachment point is in perfect working condition with no distortion, cracking, corrosion, rust, abrasion or missing components.
4. Ensure all labels and tags are present and clearly legible. If any defects are found during this checking process you should remove the harness from service immediately and tag it "Out of Service". If more than 10% wear is determined, tag the unit and remove it from service.



Which harness is right for you?

Harness	AS/NZS 1891.1:2007 Certified	Front & Rear Fall Arrest Attachment	Waist Belt / Side D Rings / Pole Strap Attachment	Dorsal Extension	Gear / Tool Loops	Confined Space Retrieval	Padded Legs/Back Support	Padded Seat Support	Construction & Maintenance	Elevated Work Platform	Hot Work / Flame Retardant	Rope Access and Rescue	Tower Work	Reflective (R) & Luminescent (L)	PFD Personal Flotation Device
Ferno Ultralite X Harness	■	■				■	■		■	■				R	
Ferno Challenge Pro	■	■	■			■	■		■	■		■		R	
Ferno Challenge Pro with PFD	■	■	■			■	■		■	■		■		R	■
Ferno Challenge Pro Flame Retardant	■	■				■	■		■	■	■				
Ferno Centrepont 2 Harness	■	■	■			■	■					■	■	R	
Ferno Centrepont II Harness with Ascender	■	■	■			■	■					■	■	R	
Ferno Hardpoint Harness	■	■	■			■	■					■	■	R	
Ferno Hardpoint Harness with Ascender	■	■	■			■	■					■	■	R	
Ferno ROAR Lite Harness	■	■				■	■					■	■	R	
Ferno Advantage Pro Tower Harness	■	■	■	■	■		■	■				■	■	R/L	
Ferno Tower 5 Harness	■	■	■	■	■	■	■	■					■	R/L	
Ferno Hottie Flame Retardant Harness	■	■							■	■	■				
Ferno Tradesman Full Body Harness with Accessories	■	■	■	■		■			■	■		■		R	
Hi-Safe FH17 Full Body Harness	■	■			■				■	■					
Hi-Safe FH50 Full Body Harness	■	■				■			■	■					
Hi-Safe FH50 Full Body Harness with Lanyard	■	■				■			■	■					
Hi-Safe FH10 Fall Arrest Harness	■	■							■	■					

Ultra-Compact Fall Arrest Block

Code VCT8G700 (2 m)

The 700 series is ultra-compact and lightweight and a great option for work areas where it is inconvenient or impractical to use a fixed length webbing lanyard. The Ultra Compact arrests a fall almost immediately, limiting the fall distance with traditional webbing lanyards. Supplied with 2 metres of 15 mm dyneema webbing, swivel and connector at the harness end.

Features

- SWL 100 kg
- EN 360:2002 certified
- 670g without hardware
- Swivel and hardware included



Ultra-Light Fall Arrest Block

Code VCT8G104 (4 m)

The 104 series is light and compact with 4 metres of 15 mm dyneema webbing providing a great option for work areas where it is inconvenient or impractical to use a webbing lanyard. The Ultra-Light series has an advanced breaking system that arrests a fall almost immediately, limiting the fall distance with traditional webbing lanyards. Fully serviceable with a composite housing and drum. Supplied with 4 metres of 15 mm dyneema webbing, swivel and connector at the harness end.

Features

- SWL 100 kg
- EN 360:2002 certified
- 930g without hardware
- Swivel and hardware included



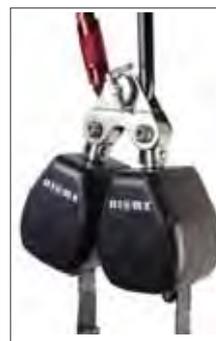
ATOM X2 Fall Arrest Block 2m

Code CM-ATOM-X2 (DA Hook) Code CM-ATOM-X2STL (Triploc Karabiner)
Code CM-ATOM-X2 DUAL (DA Hooks) Code CM-ATOM-X2DUALSCAF (Scaf Hooks)

The ATOM-X2 range is the lightest and most compact palm sized fall arrest block in the World. It has the quickest and shortest lock on speed in its class which reduces free fall distances and ground clearance. The ATOM-X2 has an increased shock absorbing capability allowing the user to anchor at foot level aka Fall Factor 2. A simple stainless steel yoke attachment system allows two ATOM-X2's to link together creating a dual or twin tail device. Both devices still work completely independently.

Features

- User Weight 136kg
- EN 360:2002 and ANSI Certified
- Rapid Lock-On Brake Pawl
- Load Bearing Steel Chassis
- PC ABS Housing
- Fall Arrest Indicating Swivel
- Lightweight Alloy Snap Hook
- Dual Yoke Assembly for Twin Option



Strong Built Series Fall Arrest Block

Code VCT 8G205 (7m) VCT 8G210 (10m) VCT 8G215 (15m)

All Strong Built Series are supplied with triplock karabiners and swivel with fall indicator at harness end. The 7 m version has multiple anchor slots. The 10 m and 15 m version have a convenient built in handle for carrying. The wire cable retracts smoothly under light tension and a built in clutch system provides advanced braking. Fully serviceable composite housing and drum. 7 m supplied with 4 mm wire. 10 m and 15 m supplied with 5 mm wire.

Features

- SWL 136 kg
- EN 360:2002 Certified
- 3.4 kg (7m) 6.6 kg (10 m) 7.1 kg (15 m)



Optional DA Hook



Honor FAB Fall Arrest Blocks

Code FAB15-G (Galv) FAB15-S (S/S) Code FAB33-G (Galv) FAB33-S (S/S)

Honor lead the world with the fastest fall arrest capture times and reduced kN forces in a fall. Superior design, minimal tolerances and high grade corrosion resistant components for a longer product life with less maintenance and downtime. Honor FAB self-retracting lifeline offers the user effortless movement. Lightweight high grade aluminium housing help protect the corrosion resistant aluminium, stainless steel and bronze internal components. Supplied standard with steel double action hook with fall arrest indicator on harness end and swivel connection eye on anchor end. Available with galvanised or stainless steel wire in 15 metre or 33 metre.

Features

- Fast fall arrest capture time
- Reduced kN forces
- Very low examination & inspection costs.
- SWL 150 kg
- EN 360:2002 Certified. ANSI/ASSE Z359.14-2012-A pending
- Weight 15m 9.6 kg
- Weight 33m 18.7 kg



Absorber Lanyards

Lanyards are designed to be the flexible link between a harness and attachment point providing you with the maximum safety possible. Ferno absorber lanyards are designed to limit the force or shock load sustained in the event of a fall to under 6 kN. Ferno offer a full range of Australian Standards approved energy absorbing lanyards that provide a solution to any height safety scenarios.



VFM-LYS200 steel

VFM-LYS300 steel

VFM-LYSTT330EL steel

VFM-LYSTT200EL steel

Hardware Options



Steel Screw gate Karabiner (VCTA428TOZ0)

Steel Small Triplock Karabiner (VCTA430TBZ0)

Steel Large Triplock Karabiner (VCTA595TBZ0)

Alloy Screw gate Karabiner (VCTL4280001)

Alloy Triplock Karabiner (VCT4300001)

Steel Double Action Hook (VPEV9652)

3-Way Snap Hook (VISC SH903)

Steel Scaffold Hook G/O 63mm (VUSA S-2230)

Alloy Scaff Hook G/O 60mm (VCT L3536201) G/O 110mm (VCT L3551101)

Ferno BB Lanyard

For additional safety Ferno have produced an Australian Standards approved heavy duty lanyard with a working load limit of 140 kg. Available in single, single elasticised, twin and twin elasticised. These lanyards can be customised with a variety of hardware options available.



Adjustable Multi-Purpose Lanyards

Code VAI ADJ EA FAL (single) VAI EA ARL2A (twin)

The Adjustable Multi-Purpose Lanyard is simple to inspect, maintain and use, it is ideal for use in a variety of situations including elevated work platforms and general work at height scenarios. The durable, one piece rope construction in conjunction with a rope grab allows adjustment in length from 60 cm to 200 cm ensuring the safe length at each work area. For exceptional work purposes the lanyard can be supplied in custom lengths exceeding two metres. Australian Standards approved to AS/N ZS 1891.1:2007.

"Twin lanyard available with 3 Way Snap Hook with 100 mm sling (VAI EA ARL2A HA)



Lanyard Mate

Code VFM-LYS ADJ

The Lanyard Mate is an AS/NZS 1891.1:2007 approved energy absorbing lanyard that is self adjustable from 70 cm to 2 m providing flexible and safe access to the users workplace. It can be supplied in shorter lengths with an array of steel or alloy hardware depending on the individuals needs.



Ferno Hottie Flame Retardant Lanyard

Code VFM-LYS320 KEV

Ferno's Hottie Lanyard is made entirely from industry leading, flame retardant, fire and cut proof Proban® and Nomex® by Dupont® providing additional safety for welders or hot work applications. Approved to AS/NZS 1891.1:2007.



Wire Absorber Lanyard

Code VFM-LY80P (karabiner), VFM-LY80P-DA (double action hook)

A single plastic coated, galvanised wire rope with an energy absorber. The wire rope is a suitable alternative to webbing when welding or working with cutting tools. Available with screw gate karabiner or double action hook at the energy absorber end. Australian Standards approved to AS/NZS 1891.1:2007.



Energy Absorber (only)

In the event of a fall, energy absorbers deploy an additional length of webbing that is designed to absorb the force or shock load experienced.

Code	Hardware Selection	Length
VFM-SA10	Screw Gate Karabiner / Screw Gate Karabiner	50 cm
VFM-SA10TL	Triploc Karabiner / Triploc Karabiner	50 cm
VFM-SA20	D-Ring / Double Action Hook	63 cm
VFM-SA30	Double Action Hook / Screw Gate Karabiner	50 cm

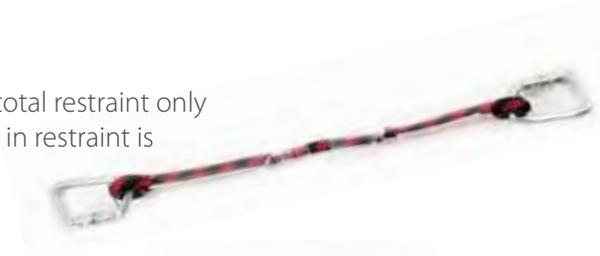


VFM-SA20

Hi-Safe Non Adjustable Lanyard 60 cm

Code HS-LY600R

Hi-Safe Non-Adjustable Lanyards are to be used in situations of total restraint only where there is no risk of a free fall. An understanding of working in restraint is essential for the safe use of these products. Length 60 cm.



Adjustable Rope Line

Code HS-ROPLAN K 3T (Screw Gate) HS-ROPLAN H 3T (DA Hook) HS-ROPLAN T 3T (triplock)

The adjustable rope line is ideal for roof work and allows flexible work positioning via a steel rope adjuster with energy absorber. Available with a variety of hardware to secure to anchor point and harness. Available in 15m, 20m, 30m and 50m lengths.



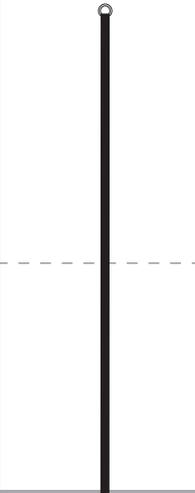
Rope Rat Positioning Strap

Code VPP 90176 2M 09 PC (triplock) VPP 90176 2M 09 (maillon)

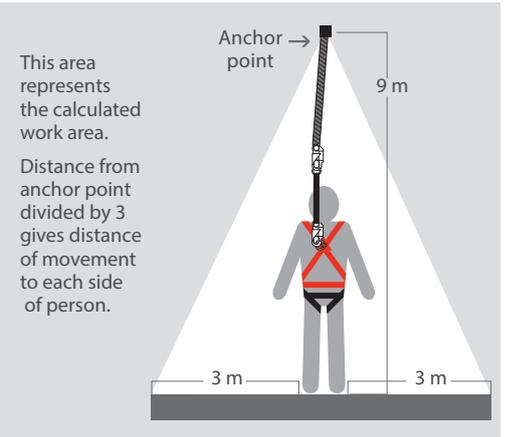
This work 2 m positioning lanyard or pole strap serves to provide a hands free situation. Constructed of 11mm Kernmantle rope with a "Rope-Rat" adjuster and protective sleeve. The adjuster is comfortable and ergonomic in the hand and offers smooth operation. Supplied with an alloy double action hook and either a steel triplock karabiner or maillon rapide on the adjuster. The free end of the rope is "sewn back" to prevent the rope rat from detaching from the rope end.



Calculating fall distances and clearances using traditional energy absorbing lanyard. Fall distance reduced with Shockyard

Before Fall	After Fall	Anchorage	Calculation
		Lanyard length	2 m
		Required distance for energy absorber to decelerate	1.75 m
		Worker height	1.8 m
		Safety/Residual clearance	1 m
		Total	6.55 m

Work zone formula - overhead anchors



Work zone formula – connecting safety lines

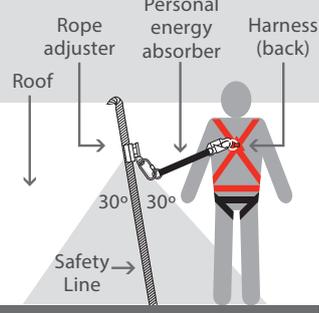
Example 1

Rope must be tight between you and the anchor point.

Protect rope on ridge line from cutting.

Maintain the 30/30 degrees.

Work zone = 500 mm from edge

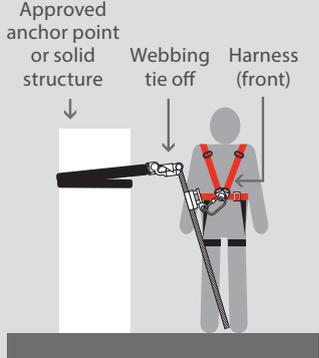


Example 2

Use a round sling or tie-off adapter.

Attempt to wrap twice around structure.

Ensure hook and free fall arrest attachment point is compatible.




Ferno Pole Strap

Codes: 1. VAIPOLEEN22.3NZG 2. VAIPOLEEN22.8NZBLD 3. VAIPOLEEN24NZGRN

Available in lengths from 1.9 m to 5 m. Each pole strap is supplied standard with two double action alloy hooks and leather or web protective sheath. Buckle adjustment is off set from attachment point for easy adjustment. An optional D-ring attachment point can be supplied for hanging gear up to 50 kg. Optional steel or alloy connection points available. AS/NZS 1891.1:2007 standards approved.



Optional D-ring

Ferno Slings

Codes VSL R32kN (25 mm round), VSL S30kN (50 mm flat snake) VSL S80kN (50 mm heavy-duty flat snake)

Every Ferno Sling is made from high grade, abrasion resistant webbing and is available in a variety of colours and lengths. The different styles provide the user with the option to wrap the sling in a single, double or triple style or tie end to end making them a versatile and handy adjunct for forming temporary anchor points. Manufactured in accordance to AS/NZS 1891.



25 mm Round Sling

50 mm Heavy-duty Flat Snake Sling

50 mm Flat Snake Sling

Rope Access Round Sling

Code VUSC 1000RA-1 CC

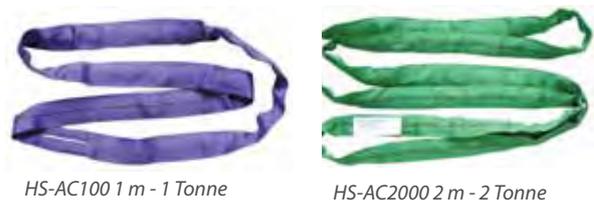
Rope Access Slings are made to AS4497.1 and are compact, soft and easy to use. Complete with non-load bearing sleeve to protect from wear, tear and UV. The sling are white in colour and stamped 'Rope Access Only'. Available standard with a certificate of conformity or individually tested upon request. Individually serial numbered. MBL 70 kN. WLL 1000 kg. Custom lengths up to 20m available.



Tie-Off Adapters

Code HS-AC1000, HS-AC2000

Available in one or two metre lengths in one and two tonne holding capacity. Manufactured from very low stretch material with a soft finish to protect painted surfaces.



HS-AC100 1 m - 1 Tonne

HS-AC2000 2 m - 2 Tonne

Girth Hitch Sling

Code VSL G30kN

The Girth Hitch Sling differs significantly in design and performance from other adjustable anchor straps, allowing it to handle a higher load before slipping. The D-ring on one side is larger than the other, so the other end can pass through, allowing the straps to be rigged in a girth hitch. Available in lengths from 30 cm to 2.5 m



Economy Roofers Safety Kit

Use codes *HS-DLER-RB (Rope Bag)* *HS-DLER-CB (Grab Bag)*

Designed by industry professionals and tested in the field to meet the day to day requirements of roof workers. All components have been carefully selected for durability and quality ensuring longevity of service while keeping budgets in check.



Kit Contents	Qty
Hi-Safe FH 50 Full Body Harness	1
15 m of 11 mm rope with sewn eyelet & steel screw gate karabiner	1
Personal energy absorber with rope grab and screw gate Karabiner	1
1500 mm Round Sling	1
Rope Bag	

Kit options



Optional carry bag



Optional detachable personal energy absorber



EDGElok Temporary Anchor



ROOFlok Temporary Anchor

Construction Kit

HS-DLC-RB (rope bag)

The Ferno Construction Kit is designed for limited movement applications such as elevated work platforms or general construction and maintenance. The retractable lanyard provides a safer work place and minimises the chance of entanglement while working.



Kit Contents	Qty
Hi-Safe FH 50 Full Body Harness	1
2.4 m Retractable lanyard with Hardware	1
1500 mm Round Sling	1
Rope Bag	1

Tower Workers Kit

Code *VKIT TOWER*

The Tower Workers Kit contains everything necessary for working on top of towers, electrical poles and pylons.



Kit Contents	Qty
Ferno Tower 5 Full Body Harness	1
Sling - round 25 mm x 1500 mm	1
Sling - round 25 mm x 1200 mm	1
Pole strap 4 m	1
Single elasticised absorber lanyard 1.6 m	1
Steel tripllock karabiner	2
All purpose grab bag	1

Temporary High Line Kit 20 m & 30 m

Code VKIT TEMP HIGH (20m) VKIT TEMP HIGH 30 (30m)

This kit provides the basic components to make a temporary high line for working at height. The Temporary High Line Kit is rated to one person fall arrest or two person restraint.

Kit Contents	Qty
2000mm Snake Sling	2
1500 mm Snake Sling	1
Pear Shaped Maillon	1
50kN Triple Action Carabiner	2
Oval Screw Gate Carabiner	2
Rope Tensioner	1
16mm Rope (20 m or 30 m)	1
All Purpose Grab Bag	1



Webbing Static Line Kit 18 m

Code HS-HLL2

This system is designed for short work durations where a larger degree of side movement is required and this movement cannot be covered by the use of a lanyard or drop line. Ideal for use when installing balcony handrails or running cables along roof edges. The Webbing Static Line Kit is rated to one person fall arrest or two person restraint and comes complete with the following components:

Kit Contents	Qty
18 m web static line with ratchet	1
2 tonne round sling 2 m	2
2 tonne safety bow shackles	2
All purpose grab bag	1



2 Man Web Temporary Life Line Kit 20 m

Code CM-HLL1WK-20

A simple to install webbing system that can span between fixed anchorage points and provide a safe horizontal anchorage for up to two users in restraint, or one user in a fall arrest application.

Kit Contents	Qty
20 m web static line with tensioner	1
Swivel Karabiners	2
Equipment bag	1



119 Rescue Block

Code VCT8G119

The 119 Rescue Block offers advanced braking that securely captures the user in the event of a fall. The integral winch system will lower or raise the user to safety. The user attachment end is terminated with a tripllock karabiner with swivel and fall indicator. A built in carry handle provides a good option for transporting the block safely. Fully serviceable composite housing and drum.

Features

- 15 m of 5 mm zinc plated steel cable
- SWL 100 kg
- Certified to EN 360:2002 & EN 1496:2006-B
- Weight 9.2 kg



Honor FAB Rescue Fall Arrest Block

Code FAB15R-G (Galv) FAB15R-S (S/S) FAB33R-G (Galv) FAB33R-S (S/S)

Honor lead the world with the fastest fall arrest capture times resulting in reduced kN forces in a fall. Superior design, minimal tolerances and high grade corrosion resistant components for a longer product life with less maintenance and downtime. The Honor self-retracting lifeline's integrated manual winch requires minimal force to lift or lower the worker to safety after an incident. This multi-functional block can be combined with a Tripod, Davit, TankClamp or FlangeClamp for confined space entry and rescue. Available in 15 m or 33 m with galvanised or stainless steel wire cable.

Features

- Fast fall arrest capture time
- Reduced kN forces
- Very low examination & inspection costs.
- SWL 150 kg
- Certified to EN 360:2002, EN 1496:2006 - MD2006/45EC - EN 1808:2010-11 - EN1809:1999+A1:2010 and ANSI/ASSE Z359.14-2012-A
- Weight 15 m: 10.5 kg
- Weight 33 m: 19.6 kg



Honor FPED Auto Descender Fall Arrest Block

Code FPED15 (15m) FPED33 (33m)

Honor lead the world with the fastest fall arrest capture times resulting in reduced kN forces in a fall. Superior design, minimal tolerances and high grade corrosion resistant components for a longer product life with less maintenance and downtime.

The Honor FPED works the same as the FAB Rescue Block, however once the fall has been arrested, the device automatically lowers the user to the ground at a constant speed of 1.3 metres per second (100kg) due to its integrated descent brake. Supplied standard with steel double action hook, swivel eye and fall arrest indicator on harness end and swivel eye on anchor end. Available in either 15 or 33 meters.

Features

- Fast fall arrest capture time
- Reduced kN forces
- Very low examination & inspection costs
- Certified EN 360:2002 & EN 341:2011/1C
- Weight 15 m: 18.7 kg
- Weight 33 m: 20.9 kg



Honor TankClamp®

The TankClamp is a mobile anchorage device suitable for a range of structures including silos, water tanks, pits, beams, walls, etc... With appropriate blocks or rescue devices it provides a safeguard for workers. For vertical applications it can be used for safe entry of confined spaces and rescue operations including vertical fall arrest, rescue systems, evacuation descent, recovery blocks, lanyards, permanent and temporary horizontal lifeline systems. For horizontal application two opposing TankClamps can form a horizontal life line, or a third can form a 90° angle. To utilise the TankClamp additional Honor modular accessories are required including an intermediary bracket and fall arrest block, retrieval or man riding winches of your choice.

Features

- *Weight: 10.7 kg*
- *Approved to be used by 2 people simultaneously.*
- *Steel, galvanized & colour coated*
- *Certified EN 795 class B, max. 2 workers*



Additional accessories required

Honor FlangeClamp®

The FlangeClamp is a mobile anchor point used for horizontal manholes including ANSI & API 20" & 24" flanges. Ideal where little working space is available in front of the vessel flange and manhole (platform).

Suitable for self-retractable lifelines, recovery blocks, rescue devices, man riding winches and is compatible with the TankClamp. Add the optional RescueSlide to form an ideal kit for confined entry & rescue.

Features

- *Weight: 6.5 kg*
- *Steel, galvanized & colour coated*
- *Maximum 1 worker*
- *European standards: EN 795 class B*



Honor RescueSlide Optional



Additional accessories required

Honor RescueSlide

The RescueSlide provides safe entry & exit through horizontal manholes. It can be used individually or with the FlangeClamp and a rescue device, fall arrest or recovery block. This combination is ideal for manhole confined entry and rescue preventing injuries while minimising loss of free space for the rescuer or victim via critical retrieval points.



RALF Rescue Retrieval System

RALF Rescue Systems are an ideal means of entry and rescue recovery for workers in confined space, towers, masts, wind turbines and various construction applications. The mechanical advantage pulley system is packaged ready for fast deployment for lowering or raising single or multiple workers from height, confined space and rescue scenarios.

Each is available standard with 15 m of working length with customised lengths available. The RALF rescue locking pulley features an integral brake in case accidental release of rescuers rope. To cater for varying weights and rescue scenarios the RALF Rescue System is available with 5:1 or 3:1 mechanical systems.

Features

- 250 kg maximum WLL - 1 person working or 2 person rescue.
- Components certified to ANSI Z359:4:2007, EN 12278.
- Rope MBS 29.4kN.



Code	System	Kit Contents
FWE-RRK	5:1	RALF pulley, 2 double pulleys, 2 karabiners, maillon rapide, round sling, 80m kernmantle rope and rope bag (optional plastic stowage drum)
FWE-RRK 3:1	3:1	RALF pulley, 2 single pulleys, 2 karabiners, maillon rapide, round sling, 50m kernmantle rope and rope bag (optional plastic stowage drum)



5:1 System

3:1 System

Ferno Confined Space Rescue Kit (CSRK)

Code FWE-CSRK (rope bag) FWE-CSRD (drum)

The Ferno CSRK is designed for multi-purpose use including confined space entry and egress, rescue, working at height, work positioning, ascent, controlled descent and as a main or secondary system. The 4:1 mechanical advantage lifting capability allows the operator to reduce the manual handling lift ratio to a quarter of the load weight with a manual override for descent. The total length of rope in the system is 50 m which allows for a 'working length' of approximately 12 m lowering or lifting. Supplied standard with a heavy duty rope bag, also available with an optional dust proof stowage drum. Customised rope lengths available.

Features

- 250 kg maximum WLL - 1 person working or 2 person rescue.
- Components certified to ANSI Z359:4:2007, EN 12278.
- Rope MBS 29.4kN.



Optional dust proof drum

CMC CSR2 Pulley System

Code CMC500102 (13 mm) CMC500103 (11 mm)

The CMC CSR2 Pulley Kit is a 4:1 rescue system. The patented CSR2 Pulley is easy to release under load. The aluminium pulleys swivel at both ends of the system eliminating any potential twisting of the lines. The CSR2 Pulley Kit is an excellent choice for confined space entry or rope access where a heavy duty pulley system is required. Supplied with 60 m of CMC Rescue Static Pro Lifeline (13 mm Red or 11 mm Blue), CSR2 Pulley, CSR2 Double Pulley, 2 ProSeries Aluminium manual lock karabiners and #3 Rope Bag. Systems are UL Classified to NFPA 1983 (2012 ED) – General Use.



Aztek Elite

SC-AZE15 (standard) & SC-AZE15-EP (extra pin)

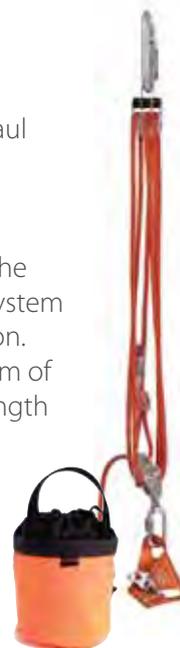
A compact mechanical advantage system with many uses in rescue and rigging. Aztek pulleys are in two colours with colour coded prusik which can be activated or deactivated allowing the ratchet at the top or bottom pulley. The Aztek Elite can be rigged as either a 4:1 or 5:1 mechanical advantage system. Swivel Omini pulleys 36 kN Prusik. Cord 19 kN. Suitable for main or belay system rescue loads to 280 kg.



Ferno Mini Haul Kit

Code VKIT MINI HAUL

The Ferno Mini Haul kit is an extremely compact haul kit that will provide a 6:1 mechanical advantage. It features a V-shaped cleat that if required, enables the operator to lock off the system during a hauling operation. Comes standard with 25 m of 5 mm rope, additional length available on request. The Ferno Mini Haul Kit is rated for one person rescue only.



Ferno Evac Rescue Descent Kit

Code UL-MINIEVAC2PKIT

Ferno Evac Rescue Descent Kit is the easiest method of rescue on the market. The kit is packaged ready to rescue eliminating rigging set up time. Each kit contains all the gear you need to self-rescue or evacuate one to two persons from towers, wind turbines, masts, high bay lift trucks, cranes or similar. A controlled rate descent device with a hand wheel, geared recovery mechanism provides lifting capabilities for either one or two person, self-rescue evacuation. The hand wheel can be operated/turned three ways: via the perimeter of the wheel, via the pull out handle within the wheel or with a hand drill to the centre nut to facilitate faster ascent or descent reducing fatigue from manual operation. Each kit contains 50 m of 9.6 mm kernmantle rope, Mark Elephant Hub, Ferno Res-Q-Link Recovery Pole, 1500mm round and snake sling, 50kN steel triplock karabiner, 100m standard rope bag.

Features

- Maximum Load 225 kg.
- Complies EN 341:2001-1A and EN 1496:2007 B.
- Customised lengths up to 300 metres available



Pull Out Handle



Mark Elephant Hub



Res-Q-Link Recovery Pole

Code FWE2090

The Res-Q-Link is a unique and multi-functional rescue pole that allows a fast and agile means of encapsulating a suspended worker to the Recovery/Rescue System.

- Large alloy double action hook compatible with most recovery systems and allowing two configurations to provide versatility when rescuing a fall victim
- Extendable from 150 cm to 280 cm.
- Fibreglass outer pole and rubber coated handle for maximum grip and control in long reach scenarios.
- Torch holder for low light scenarios which is compatible with most slim line torches
- Rope and web cutting knife to cut victim free once a recovery system is attached.
- Additional double action hook available (Code VCT L3536201)



Large alloy hook with torch and torch holder (torch not supplied)



Large alloy hook with web cutting knife



Large alloy hook, knife in stored position



Pole Top Rescue Kit

Code VKIT POLE AS

The Pole Top Rescue Kit is supplied complete with all equipment necessary to perform rescue during electrical pole work. Conforms to many electrical authorities requirements. Note: electrical gauntlets not provided.

Kit Contents	Qty
Weather resistant fibreglass container with instructions	1
33 m blue rope with hard eye end	1
Alloy double action hooks	2
Pole Belt	1
Pole strap with D-ring	1
Tool pouch with cable cutters and blunt knife	1



WP Pole Top Rescue Kit

Code VWP POLETOP RESC

The WP Pole Top Rescue Kit is supplied complete with all equipment necessary to complete a pole top rescue along with additional aids including a Sheppard's crook and 3:1 mechanical haul system with chest ascender. Conveniently packaged within our Ferno 100 m Rope Bag.

Kit Contents	Qty
Rescue Haul System with Chest Ascender	1
Shepard's Crook	1
Pole Strap 1.5 m	1
Rescue Knife & Cable Cutters	1
DA Hook	1
Rope Bag 100m	1
42m x 12mm Rope	1



Ferno Tower Rescue Kit

Code VKIT-FTRK

The Tower Rescue Kit contains the essential equipment required for the retrieval and rescue of personnel on tower structures.

Kit Contents	Qty
Storage backpack yellow	1
65 m rope with sewn eye & triplock karabiner	1
FDU100 Rescue Descender with triplock karabiner	2
50 mm x 1200 mm anchor sling	1
25 mm x 1200 mm round sling	1
Rescue knife with extender and 2 alloy triplock karabiner	1
Mechanical advantage retrieval system	1
Cervical collar (optional)	1



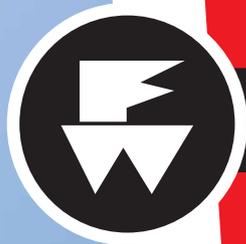
D2 Escape Descender Kit

Code VISC KT860A1-015

The D2 Escape Descender is compact and lightweight system allowing it to be worn on the user's harness at all times. It is the only micro-descender with a descent sweet spot and panic brake mechanism that stops descent not slow it down. Easy to back feed rope for smooth ascending or for emergency hauling when used as part of a 2:1 Z-rig. Rated Load 100 kg. Certified EN12841, NFPA. Longer lengths or Technora rope is available on request.

Kit Contents	Qty
D2 Descender	1
15 m 8 mm rope	1
Alloy screwgate karabiners	2
Anchor Sling	1
Bag	1





Rescue

When you're concentrating on rescuing a patient, you rely on your equipment to perform 100 percent.

Ferno's extensive range of rescue equipment has you covered for every conceivable scenario and patient size — from babies to bariatric.

Ferno-made rescue equipment is designed with the end-user in mind and manufactured to stringent quality standards.

Engineered to be strong yet remain light-weight, the many thoughtful features built into our designs makes our gear user-friendly, intuitive and efficient to use.

A wide range of accessories extend the versatility of Ferno's rescue equipment and includes flotation collars, head shields, pillows and blankets, IV poles, handles, straps and wheels — basically all those extras that enhances safety and comfort in the field for you and your patient.



Traverse Gazelle Basket Stretcher

A strong, durable & cost effective black powder-coated, carbon steel basket stretcher that's suitable for industrial rescue and retrieval. Tubular runner rails that extend the full underside length providing a durable base that minimises stretcher damage. Full length durathene netting for patient comfort and security while allowing air and water to pass. Tapered foot end allows manoeuvrability in confined areas and is compatible with backboards and scoop stretchers (standard model only). Supplied standard with 3 steel double bar patient restraints.

Optional confined space version available.
Optional lift bridle with screwgate or triple action karabiners available

Model	Code	Length	Width	Height	Weight	Load Rating
Standard	FWETBG	211cm	62 cm	18 cm	13 kg	408 kg
Confined Space	FWETBGC	211cm	46 cm	18 cm	12 kg	408 kg

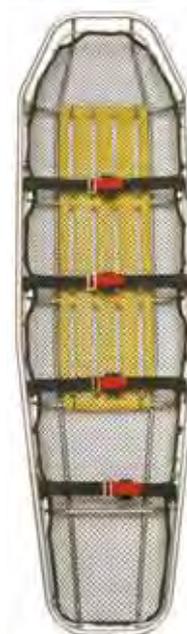


Traverse Titan Basket Stretcher (Stainless Steel)

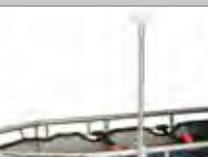
Specifically designed to perform in technical rescue environments. Unique StratLoad points allows quick and easy rescue bridle attachment and protects the bridle karabiners from wall and rock faces. 25 mm reinforced stainless steel top rail provides exceptional strength in vertical haul or lowering operations and is comfortable to handle during extended periods. Tapered feature allows easier access in confined areas. HDPE netting allows water and air to pass through yet the small holes prevent snagging on debris. Moulded back support for patient comfort. Supplied with 4 steel double bar restraints. Compatible with Ferno Scoop and Najo backboards. Tested in excess of 1136 kg (11 kN) static load.

Optional split version available
Optional large body 32" wide version available
Optional lift bridle with screwgate or triple action karabiners available

Model	Code	Length	Width	Height	Weight	Load Rating
Standard	FWETBT	211cm	58 cm	18 cm	14 kg	1136 kg
Split	FWETB-SP	211cm	58 cm	18 cm	16.3 kg	1136 kg
Wide	FWETBT-32	211cm	81cm	18 cm	19.2 kg	1136 kg



Optional Accessories

 <p>Traverse Mule II</p> <p>Negotiate rugged and difficult terrain.</p>	 <p>Traverse Porter</p> <p>For transport over more defined trails</p>	 <p>Stretcher Handle & Shoulder Harness (Pair)</p> <p>Distributes weight to the shoulders, chest and back.</p>	 <p>CMC Rescue Original Litter Shield</p> <p>Protects patients from falling rocks, debris and weather</p>	 <p>Ferno 471 Floatation Collar</p> <p>Keeps patients head above the water line.</p>	 <p>Traverse Stretcher IV Pole</p> <p>Multiple positioning of IV Bags</p>
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Ferno Adjustable Lifting Bridles

Code BRB-TLB (small screw gate karabiners) BRB-TLB-TX11S (Large screw gate karabiners) BRB-TLB-LTA (large triple action karabiners)

The Ferno Adjustable Lifting Bridles are designed for use with the Gazelle and Titan Basket Stretchers. Each bridle has a drop forged steel lifting ring attachment point. Each of the 4 arms are manufactured from heavy duty UV resistant webbing and are Code BRB-TLB (small screw gate karabiners) BRB-TLB-TX11S (Large screw gate karabiners) BRB-TLB-LTA (large triple action karabiners) adjustable in length for optimum patient positioning. Available with either steel screw gate or triple action karabiners. Rated to 2250 kg (22 kN).





Ferno Vertical Rescue Stretcher

Code VRES STRETCH

The Ferno Vertical Rescue Stretcher's roll-up, compact and lightweight design makes it ideal for high angle, confined space, horizontal or vertical rescue. When deployed the stretcher becomes rigid and provides patient protection and security during rescue and evacuation. It has many carry handles and six lifting slings that provide a good variety of options for transportation and lifting. An integral, colour-coded, full body restraint includes a padded head restraint system, six over body restraints, shoulder and groin straps along with a foot strap for vertical lifts. The Vertical Rescue Stretcher rolls up and is easily housed within its cordura storage bag which doubles as a backpack.



Length	Width	Weight	Load Limit Horizontal	Load Limit Vertical
202 cm	77 cm	18 cm	350 kg	250 kg

Ferno VRS 6 Point Lift Bridle

Code BRB-VRS

As an option to the standard six lifting slings, the Ferno VRS 6 Point Lift Bridle is designed specifically to fit the Vertical Rescue Stretcher and offers the rescuer additional lift options in delicate rescue scenarios. Each sling arm is adjustable and colour coded to the stretcher lift handles to ensure correct placement. WLL 315 kg.



Patient Lifting Sling

Code VRES PAT LIFT+

Ideal for retrieval of victims trapped in locations where time and rescue is of the essence. Simple to apply and fully adjustable in confined and difficult situations. Seat and leg loops hold victim securely. Certified to CASA ATSO-C1003 Helicopter External Personnel Lifting Devices.



Spreader Bar

Code VAI SPREADER SHA

Used in confined space situations and rescue scenarios. Attaches to confined space pick up points on harness shoulder straps. AS/NZS1891.1:2007 certified.

Available with various hardware attachment points.



NAJO Lite Backboard

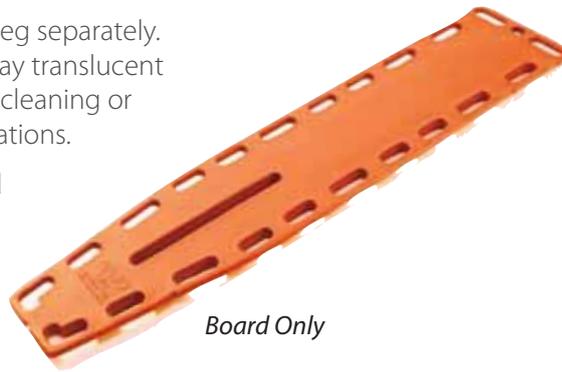
Codes BSBN-L (board only) FWEBSNSESKIT (base package) FWE-NAJO-PA (immobilisation package)

Our lightest and most popular backboard at just 6.5 kg. Angled edges, 22 hand hold positions and a tapered foot end provide excellent hand grip comfort as well as limitless lift and handling options in industrial or confined spaces.

Central lower slot allows immobilisation of each leg separately. Strong, one-piece HDPE construction is 100% X-ray translucent and impervious to body fluids allowing for quick cleaning or decontamination. Buoyant for water rescue operations.

Base package supplied with Najo Lite Backboard and 3 body restraints to facilitate the transfer of a patient.

Immobilisation package supplied with Najo Lite Backboard, Head Immobiliser, Adjustable Wizloc Neck Collar and Faststrap patient restraint to facilitate the safe immobilisation and transfer of a patient.



Board Only



Immobilisation Package

Lifetec General Purpose Dummy

Suitable for common land rescue scenarios such as height safety, confined space, road accident and general handling exercises. Anatomically correct feel and weight distribution of an unconscious patient. Tough enough to be buried under concrete slabs, trees or have motor vehicles laid upon them to present realistic scenarios for rescuers. Machine washable, protective overalls keep the dummy clean and increases the lifespan. Training dummies of 20kg + are supplied with gum boots.



Model	Description	Height	Weight
LT-RL5	Baby training	0.69 m	5 kg
LT-RL10	Toddler training	0.87 m	10 kg
LT-RL20	Youth training	1.30 m	20 kg
LT-RL20A	Very Light adult	1.83 m	20 kg
LT-RL30	Light adult	1.83 m	30 kg
LT-RL50	Standard adult	1.83 m	50 kg
LT-RL70	Heavy adult	1.83 m	70 kg
LT-RL100	Very heavy adult	1.83 m	100 kg
LT-RL20A	Very Light Adult	1.83 m	20 kg



Ferno F.R.E.D.

Code FRED-ADULT-UF (unfilled)

The FRED (Ferno Rescue Extrication Device) is a low-cost manikin that has been put through some serious testing and now incorporates the following features.

Features

- Heavy-duty rip-stop UV resistant PVC material
- Carry straps on shoulder and above knees
- Label for identifying FRED weight
- Velcro on abdomen section and hands to keep hands secured
- Reinforced head with some movement and flexibility
- Reinforced foot heels for dragging
- For shipping purposes, FRED is only available unfilled
- Recommended weight for Adult 55 kgs



ActSafe Power Ascenders

Since 1997, ActSafe have provided high capacity engine powered rope winches in a compact, lightweight design that redefine the possibilities for working in vertical environments. Used internationally for tactical and rescue operations and essential logistical support in skyscrapers and offshore wind turbines. These are just a few of the possibilities with an ActSafe Power Ascender.

Features

- *Lightweight 13 kg*
- *Powerful & reliable Honda GX35 engine*
- *Easy left hand operated throttle*
- *Self-locking enclosed rope grab system*
- *Easy descent via descent lever*
- *Range of 750 m with 100 kg*
- *SWL 250 kg*



Honor Davit Systems

The Honor Davit provides anchor point options for confined space and rescue scenarios. Available in regular or XL and one piece versions for extra reach. The Honor Davit Systems are lightweight, mobile, rotatable and quick to assemble on site.

Base frame levelling via four large hand dials on base frame. A large adjustable dial on the upper mast determines the height and reach of the Davit arm. Width of base is adjustable via sliding mechanism.

Each davit system comes with modular mounting brackets for optional Honor fall block and rescue winches.

Features

- *Varying optional mast heights available*
- *Approved for 2 persons (Max 141 kg each).*
- *Base frame levelling via four large red hand dials*
- *Lower & upper mast fully rotatable (360 degrees)*
- *Special sliding mechanism allows width adjustments of the base.*
- *Certified EN 795 class B. EN 1496:1996*



Regular Davit with optional winch systems

Model	Base Width (Min)	Base Width (Max)	Mast Reach (Min)	Mast Reach (Max)	Mast Height (Min)	Mast Height (Max)	Base Wgt	Total Wgt
Regular	90 cm	150 cm	50 cm	70 cm	190 cm	210 cm	28 kg	43.5 kg
Extra Large	150 cm	235 cm	50 cm	70 cm	280 cm	310 cm	39 kg	59.5 kg
One Piece	150 cm	235 cm	80 cm	105 cm	230 cm	255 cm	39 kg	64 kg



Optional Fixed Base



Optional Vehicle Hitch Attachment



Regular & XL Davit



arachnipod

The Ferno Arachnipod is the world's most versatile modular total edge management system (TEMS). Components can be added or removed to suit structural or natural features. The unique design of the patent pending modular head allows the Arachnipod to be constructed into many configurations including a ginpole/monopole, bipod, tripod, quadpod, bridge system and handrail recovery monopole. Its versatility makes it an ideal system for workers in industries such as rescue and emergency services, construction, military, utility services, mining, film and maintenance. Certified CE/TS 16415:2013 for Maximum 2 Persons and EN 795:2012 for Single Person Use

Configurations



Gin Pole/Monopole



Handrail Recovery Monopole



A-Frame



Sideways A-Frame using pulley head



A-Frame with Lazy Leg and reverse head



Tripod



Tripod as High Directional System



Bridge System



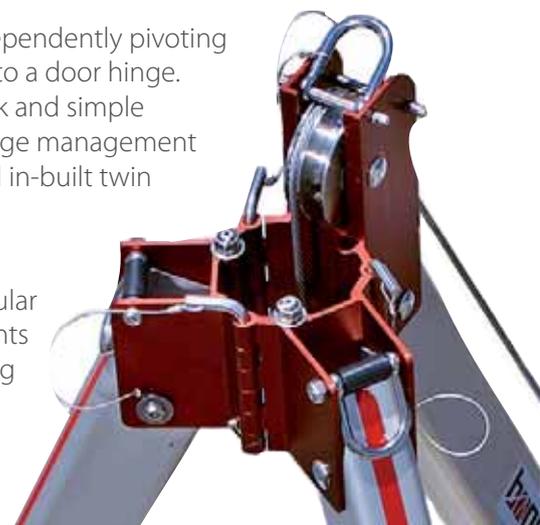
Quadpod

How It Works

The Arachnipod, in its basic form, is a simple tripod with the three legs independently pivoting from an anodised aluminium head. The modular head has a similar design to a door hinge. Inserting or removing a pin through the centre of the head allows the quick and simple addition or removal of components to create a configuration to suit any edge management scenario. Each head section contains a shackle for guying while an optional in-built twin grooved stainless steel pulley is also available.

Arachnipod Kits

The Arachnipod flat packs for simple and convenient storage and the modular design provides an option to purchase a basic unit and upgrade components to make a more advanced system. There are numerous kits available ranging from the basic tripod through to a total edge management system (TEMS). The table opposite will help you decide which kit is best for your specific needs.



Accessories and Features



Standard foot



Hold-down stake



Spike foot



Soft ground shoe



Lazy leg extender kit



Rigging plate

Quad plate



Lazy leg Adapter



Reverse head



Gin head



Accessory kit



Manual Winch. Basic wind up/down mechanism. 6 mm galvanised steel cable and steel screw gate karabiner. Available 10 m, 20 m or 25 m.



Type 3 Fall Arrest Block. Inertia reel with wind up/down mechanism. 8mm galvanised steel cable with twist lock, fall-indicating, swivel karabiner. 15 m, 1 person fall arrest.



Steps are used to access the head to untangle ropes or attach additional gear without having to lower the system.



For rope descenders, belay devices, hauling systems and tying off rope.

Arachnipod Tripods

Components	Tripod Style			
	Industrial	Industrial Plus	Advantage Basic	Advantage
Standard leg	3	2	2	1
Pulley leg		1		1
Lazy leg			1	1
Lazy leg adapter plug			1	1
Foot tether rope	1	1	1	1
Arachnipod bag	Optional	Optional	Standard	Standard

Arachnipod Kit Contents

Contents	Kit				
	Rescue	Rescue Plus	Advantage Basic Plus	Advantage Plus	TEMS
Industrial plus tripod	1				
Advantage tripod		1		1	1
Advantage basic tripod			1		
Arachnipod bag	1	1	1	1	1
Rigging plate	1		1	1	
Spike feet	3				
Quad plate			1	1	
Reverse head			1	1	
Gin head			1	1	
Full accessory kit		1			1
Advantage accessory kit bag			1	1	
2 m or 3 m or 4 m bridge kit in bag with spare leg and foot tether rope					1

Extra legs and all accessories can be ordered separately to suit custom requirements

Full accessory kit contents	Qty
Accessory bag	1
Spike feet	4
Gin head	1
Soft ground shoes	4
Hold down stakes	4
M12 Tru-bolts	8
M12 masonry drill bit	2
Spare Qik-link head pins	2
Spare detent pins	2
Spare Ball-lock leg pin	1
Steps	2
Equipment bracket	1
Rigging plate	1
Quad plate	1
Reverse head	1

Optional extras

Bridge kit stainless steel upgrade kit
Bridge ratchet strap system
Additional standard leg
Additional pulley leg
Gin head
Lazy leg extension kit
Lazy leg adaptor
10 m winch and mount (6 mm cable)
20 m winch and mount (6 mm cable)
Type 3 fall arrest block and mount

IndustriPOD®

Code FWE-INPOD

The IndustriPOD® is a rugged and versatile tripod with built in safety factors that exceeds internationally recognised rescue systems and standards. Its simplistic but unique design makes it ideal for heavy duty confined space requirement where guaranteed performance is mandatory.

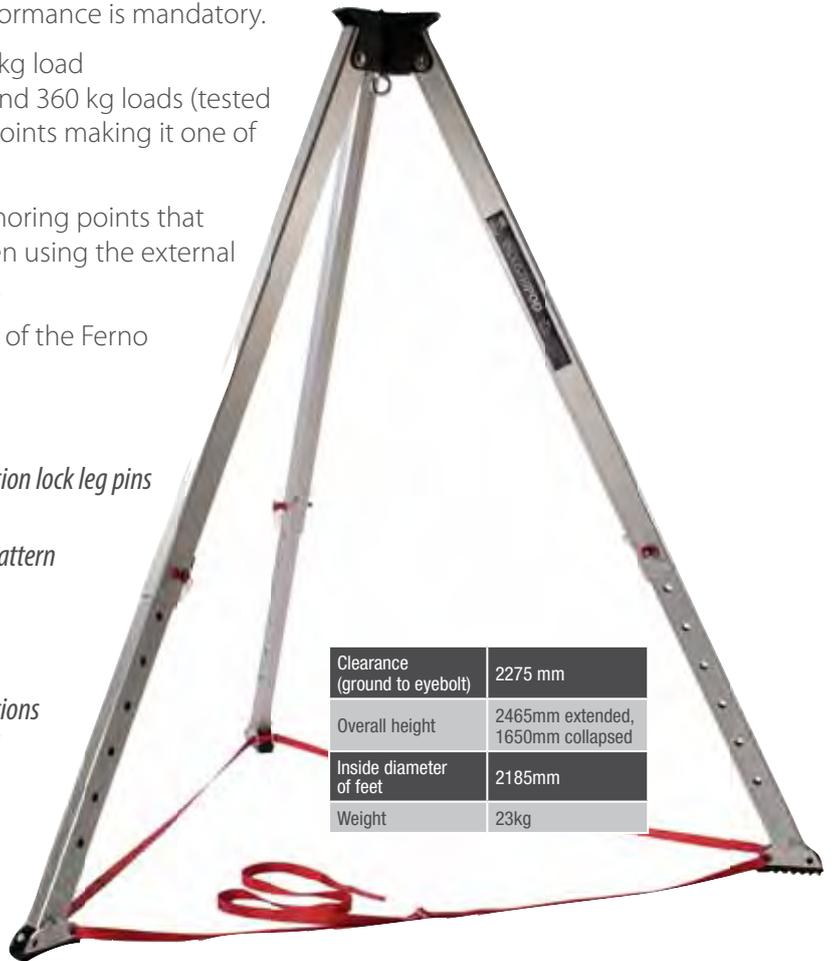
The IndustriPOD's® design allows for a 550 kg load (tested to 5500 kg) off the centre eyebolt and 360 kg loads (tested to 3600 kg) off the side plate attachment points making it one of the strongest tripods on the market.

The IndustriPOD® has top stabilisation anchoring points that assist in the stabilisation of the system when using the external mechanical advantage or retrieval systems.

The IndustriPOD® is compatible with many of the Ferno Arachnipod TEMS accessories.

Key Features

- Rectangular, fully adjustable legs with quick action lock leg pins
- One piece fabricated steel head
- Adjustable foot with aggressive non slip tread pattern
- Adjustable foot tether strap
- One swivel eyebolt
- Three tie off points for rigging or stabilisation
- Optional hold down stake for soft ground conditions
- Optional foot step for easy access to tripod head
- Optional equipment bracket
- Optional winch with mount
- Optional type 3 fall arrest block with mount
- Optional carry bag



Ferno Confined Space Kit

Code HS-CSK

The Ferno Confined Space Kit comes complete with all components to complete con space entry, retrieval and rescue and is ideal for applications in tanks, manholes and other vertical entry areas.

Each kit includes:

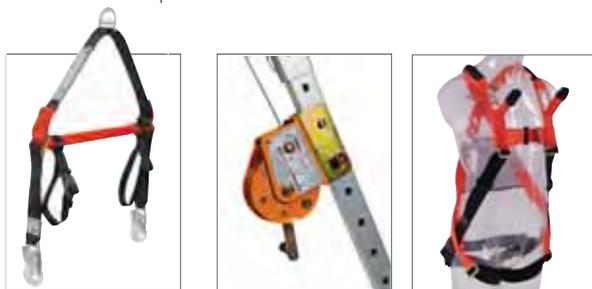
1 x Ferno IndustriPOD: One of the strongest tripods on the market with 550kg load of centre eyebolt. (tested to 5500 kg)

1 x Type 2 Winch: Intuitive wind up/down mechanism with 10m of 6mm galvanised steel cable and screwgate karabiner (20 m and 25 m lengths also available)

2 x Hi-Safe FH50 Full Body Harness. Fully adjustable, multi-size fit, front and rear fall arrest attachment points plus con space attachment points.

Certified to AS/NZS 1891.1:2007

1 x Ferno Spreader Bar: Attaches to confined space pick up points on harness shoulder straps. Certified to AS/NZS 1891.1:2007



CMC Rescue MPD

The MPD is the world's first 3 in 1 multipurpose rescue haul device that allows the user to go from lowering to raising without changing hardware. A high-efficiency pulley with an integral rope grab allows use as a raising system on the main line and belay line but can be quickly changed to a lowering device without switching out or replacing hardware.

The combination of essential features into a single device simplifies on-scene rigging, expediting the rescue. Reduced weight, fewer components, faster rigging, quick changeovers, simplified training and lower risk increases user safety.

Approved EN 12278:2007. EN 341:2011/2A & EN 12841:2006/C

Code	Weight	MBS Pulley	Rope
CMC 333010	1200g	44 kN	11 mm
CMC 333000	1200g	44 kN	13 mm



11mm

13mm

Ferno FDU Double Stop Descent Device

Code FDU-100 (with friction rack) FDU-200 (without friction rack)

Ideal for personal rescue, emergency escape, rescue operations or specialised rope work as a friction control, double stop descending system. The system gradually releases its load when the handle is moved towards the central position. The double stop mode locks should a panic grab happen but unlocks progressively when the handle is released. The Ferno FDU is available with a friction rack for rescue loads (2 persons) Extensively tested and certified to AS/NZS 4488.1:1997 with 11 mm rope.

Code	Length	Width	Depth	Weight
FDU-100	250 mm	135 mm	45 mm	950 g
FDU-200	250 mm	135 mm	45 mm	730 g



FDU200

Dimensions taken with handle in stored position

Sparrow 200R Self Braking Descender

Code VCT 2D646

The Sparrow 200 is the only manual descender in the market fully certified for two person rescue, not just in an emergency but on a regular basis.

The Sparrow provides superior braking and the multi-functional handle with automatic return provides superior descent control but limits involuntary action.

It allows you to unblock the rope position without having to tie off. It allows for short ascents and the assembly of a reversible haul system. The floating cam design forces users to load the rope preventing accidental "reverse loading". To be used only with static and semi static ropes certified to EN 1891 type A, 11mm

The Sparrow was designed to be used in conjunction with the Easy Move backup device. Weight 530g

Approved EN 12841:2006-C with WLL 210 kg.

EN 341:2011-2A with WLL 200 kg with max descent height of 180 m.



Easy Move was designed in conjunction with the Sparrow Descender

D4 Rescue Descender

Code VISC RP880 RED

Ideal for rescue, belay, descending, rope access and industrial situations. The D4 features a unique and innovative progressive cam action for precise control at slow or fast speeds. The double stop device has an auto-lock function which activates on handle release. The handle rotates through 360° with audible clicks to help identify the correct handle position. The 240kg working load limit allows for 2 man rescue without the need for additional friction control.

Approved EN12841, NFPA 1983 and ANSI Z359

Weight	Rated Load	Rope
678 g	240 kg	10.5 mm to 11.5 mm



D5 Work/Rescue Descender

Code VISC RP885

The D5 is a double-stop device with an auto-lock function activates when the handle is released or as a panic brake. When loaded, the side plates cannot be rotated open due to the positioning of the karabiner and the push button safety closure. When setting up it's easy to attach or detach from rope without disconnecting from the your harness. The rope can be back fed to allow smooth ascending or for emergency hauling when used as part of a 2:1 'Z-rig'.

A 360° rotating handle clicks when engaged to the mechanism. Suitable for use with 12.7 - 13mm EN1891 approved low stretch kernmantle rope. Approved NFPA G and ANSI Z359.4

Weight	Rated Load	Rope
818 g	240 kg	12.7mm to 13mm



Anthron Lory

Code ANTH-LORY

A self locking belay device that is suitable for descending, ascending and mechanical advantage hauling systems. The Anthron Lory automatically locks, both when the handle is released or pulled too far reducing the risk of panic pull. Approved EN358:1999.

EN 353-2:2002 11mm. EN 341:2011 Class A 11mm.

EN 12841:2006 Type C 10 - 12mm. EN 15151-1 Type 8 dynamic 8.9 – 11.4mm.

EN 15151-1 Type 8 low stretch 9 – 12mm. EN 795:2012 Type B 10.5 – 11mm

Length	Width	Depth	Depth
125 mm	70 mm	35 mm	365 g



Easy Move Stop Go Device

Code VCT 2F713

A lightweight, all in one fall arrester, rope adjuster, rope tool and ascender device that follows your movements and instantly locks in case of fall. The device can be manually adjusted to stop and continue. Suitable for 11 mm rope, the Easy Move will grip on dirty or icy ropes. The Easy Move can be used as a universal backup device but was originally designed to be used in conjunction with the Sparrow Descender.

Weight 190 g.

Approved EN 353-1:2002 11 mm. EN 358:1999 11 mm.

EN 12841:2006-A/B 10.5 – 11 mm.



RED Back up Device

Code VISC 890 (popper cord) VISC 891 (fixed tow cord)

The RED is a simple, high performance back up device suitable for use by Rope Access technicians. Tested with 240kg it is suitable for back up rescue loads. The cams positive locking spring means the device is self-parking rather than self-tailing. The RED uses rotational braking so the more it rotates the more friction is built up, providing an automatic brake. Supplied with either a fixed tow cord 'Popper' which will break away in a panic fall or fixed tow cord. Approved CE EN 1284



Rope	Length	Width	Depth	Weight
10.5 mm - 11 mm	90 mm	85 mm	29 mm	210 g

RAD Rope Adjustment Device

Code is VISC RP815

The RAD is a multifunctional rope adjustment device which can be used as part of a work-positioning lanyard or for ascent, descent, work positioning/restraint, belay and progress capture. The 'squeeze style' device makes smooth adjustment easy, while the spring-loaded flip down handle allows easy use, especially in descent mode. The RAD can be supplied as an individual device which can be fitted with rope and a choice of connectors. Approved EN12841. EN 358.

Weight	Rope
302 g	10.5 mm - 12.7 mm



CT Chest Ascender EVO

Code VCT 2D640NF

The EVO is commonly used as a chest ascender but can also be used for other applications. The design of the ascender ensures smooth and positive ascending as well as good jamming and a patented rope release and cam unlock with anti-inversion system. External profile for opening lever. Large hole for easy use with gloves. Lower hole stays parallel to the user for optimum harness fit. Approved EN 567:2013 8 – 13 mm. EN 12841:2006-B 10 – 13 mm

Rope	Length	Width	Depth	Weight
10 mm - 13 mm	104 mm	77 mm	36 mm	145 g



Turbo Chest Ascender

Code VCAM 2256

Compact and lightweight chest ascender which includes new patented rollers for high efficiency climbing. It can be used also as locking pulley for hauling purposes only. Easy-to-use pulling cord can be attached or removed. Precision casted stainless steel locking cam with self-cleaning holes. Main attachment point twisted for optimum harness fit. Secondary hole for tensioning of the ascender.

Approved EN 12841/B 10 - 13mm. EN 567 & UIAA 8 - 13mm.

Weight	Height	Width	WLL
110 g	94 mm	59 mm	120 g



CT Quick Up Handled Ascenders

Code VCT 2D639S5 (left) and VCT 2D639D5 (right)

These handled ascenders have a large opening so they can be comfortably used with or without gloves. The cam opening lever is easily used with one hand. The handles are padded with a textured rubber compound which is comfortable but firm, providing a non-slip grip. The teeth are designed to minimise rope wear but are equally effective in locking or ascending the rope. Three slots prevent accumulation of dirt/mud. Two attachment holes provide possible anti-inversion cam system or additional connection points.

Approved EN 567:2013 8 – 13mm. EN 12841:2006-B 10 – 13mm.

Rope	Length	Width	Depth	Weight
8 mm - 13 mm	190 mm	95 mm	35 mm	215 g



CT Quick Arbor Ascender

VCT 2D653

Double handle ascender with a special "V" shape for easier and faster ascent. Top protection cover prevents insertion of branches. Large access suitable for use with gloves. A patented cam release system and lever (patented) is housed with the ascender body. Approved EN 12841:2006-B

Rope	Length	Width	Weight
10 mm - 13 mm	220 mm	141 mm	500 g



Quick Step Boot Ascender

Code VCT 2D654D (right) VCT 2D654S (left)

A light, compact and efficient boot ascender with a patented and unobtrusive cam release system housed within the ascender body. Protective sheath on the underfoot webbing. Fully adjustable for correct positioning. Suitable for 11 mm rope, the Quick Step will grip on dirty or icy ropes. Approved EN 12841:2006-B

Weight	Height	Depth
197 g	65 mm	83 mm



Goblin Fall Arrester

Code VCAM 0999

The Goblin is a perfect work at height solution for rope access technicians or general height safety use. The unique locking mechanism reduces rope wear and tear and creates an almost frictionless action when ascending or descending. The non-aggressive cam design captures the rope and halves the kN forces in a fall. Switching from fall-arrest and ascension modes is via a simple push of a button.

Approved for single use up to 120 kg and two person rescue up to 200 kg. Approved EN 12841/A-B. EN 353-2. ANSI/ASSE Z359.1-2007 up to 136 kg.

Weight	Height	Depth	Break Strength	Rope
280 g	79 mm	86 mm	15 kN	10-11 mm



ISC Rope Grabs

Code VISC RP209A (11-13 mm pip pin) VISC RP203 (11-13 mm fixed axle)
VISC RP205 (14-16 mm pip pin) VISC RP204 (14-16 mm fixed axle)

Available with fixed axle or in-field detachable pip pin axle to allow fitting to the rope at any point. Two sizes available to suit either 11 mm to 13 mm or 14 mm to 16 mm semi-static ropes. Approved EN 353-2. EN358. NFPA 2001



Rocker Rope Grab

Code VISC RP500A

The Rocker can be fitted to the rope at any point and can be used hands free when ascending or descending. The thumb-catch allows the Rocker to be parked on the rope, for work positioning or as a rope access back-up device. The Rocker is fitted with non-aggressive 'rope friendly' cam faces. Designed for use without a shock-absorber.

Approved EN353-2. EN358. EN12841-A rated.

Weight	Height	Width	Rope
168 g	115 mm	64 mm	10.5 mm - 12.7 mm



Roll N Lock

Code VCT 2D625

A compact, ultra-light self-jamming pulley with three operational modes: pulley, progress capture pulley and ascender. Ideal for rescue, self-rescue, hauling loads and work manoeuvres where a combination pulley / rope clamp is essential. Openable sheaves with spring operated catch for ascending or hauling.

Approved EN 12278:2007. EN 567:1997.

Weight	Height	Width	Depth	Rope	Load Rating
80 g	69 mm	34 mm	31 mm	8 mm -13 mm	20 kN



SKC-G for 8 mm Wire

Code VCT I70608PO

Detachable stainless steel fall stop device for 8 mm stainless steel cable. Follows easily but locks in a fall. Weight 380 g. Approved EN 353-1:2002



SKR-2 Anti Fall Device

Code VCT I70711PO

Detachable all stainless steel fall stop device for 11 mm rope. Easy to mount and remove. Follows easily, locks in a fall. Weight 380 g. Approved EN 353-2:2002. EN 12841:2006-A.



Fuji Denko Rope Grab

Code VFJ 12D-7/R

A low cost alternative rope grab suitable for use with three strand polyester or double braid 12 mm rope.



Rescue Figure 8

Code VCT L6170001 (Alloy) , VCT I61700PO (Stainless Steel)

Available in alloy or stainless steel. Our Rescue Figure 8 with ears is ideal for rescue rappelling or lowering heavy loads. Break load 40 kN. L 172 mm, W 172. Weight 250 g (alloy) Weight 543 g (S/S).



Rescue Figure 9 Anti-Twist Descender

Code VISC RP130

Attachment eye set at 90°C to remain correctly positioned without twisting. Top spike prevents line cross-over on two-rope system. Weight 195 g Break Load 35 kN Rope 9 mm to 13 mm.



Traverse 540 Rescue Belay

Code TRAV16-0100 (large) and TRAV16-0200 (small)

The Traverse 540 Rescue Belay is developed specifically to meet the needs of rescue system belays. It is a self-locking device that is able to hold falling loads quickly while limiting the peak force. This well engineered device is easy to rig and the systematic design reduces the risk of improper loading. A built-in release lever reduces the tension on the belay rope, eliminating the need for a release hitch. For use with kernmantle rescue rope. The BCCTR Belay Compliance Drop Test specifications require a 1 m drop of a 280 kg load onto 3 m of 12.7 mm kernmantle rescue rope, with less than 1 m of additional travel and less than 15 kN peak force.



TRAV16-0100 (Large)

TRAV16-0200 (Small)

Code	Rope Size	Weight	MBS
TRAV16-0200 (small)	10.6 mm - 11.5mm	624 g	36 kN
TRAV16-0100 (Large)	11.5 mm - 13 mm	624 g	36 kN

ALF™ Locking Pulley

Code VISC RP430 ALF (without becket ALF) VISC RP431 R-ALF (with becket RALF)

A uniquely designed locking pulley system combining an inertia reel/ speed sensitive locking system into a grooved pulley wheel. This provides a simple mechanical method of protecting multiple workers in height safety and rescue scenarios or a climb assist system for workers on towers, masts, wind turbines and construction. Uses AS/NZS 4142.3 or EN1891 compliant 11 mm static rope.



Product	Code	Weight	Height	Width	Depth	WLL	Standards
ALF	VISC RP430 ALF	1205 g	210mm	139mm	45mm	140kg	
RALF with becket	VISC RP431 R-ALF	1243 g	240mm	139mm	45mm	250kg	CE 0120 ANSI Z359.4: 2007

Rescue Haulers One-Way Locking

One way locking bearings make these Haulers a complete lifting/ lowering rescue tool suitable for the most difficult environments and heaviest loads. A one way needle bearing allows the pulley wheel to turn freely in an anti-clockwise direction but will lock in a clockwise direction. A sliding cam can be activated to prevent loss of rope control. Also available with non-locking pulley.



Code	MBS	WLL	Weight	Standards	Rope
VISC RP704 (Single)	30 kN	600 kg	660 g	EN567:97 NFPA	10 - 13 mm
VISC RP705 (Double)	30 kN	600 kg	904 g	EN567:97 NFPA	10 - 13 mm

CMC Rescue CSR2 Pulleys

The swivel pulley is ideal for industrial applications as well as many rescue operations including high anchor points or tripods. The overall length is minimised by combining the swivel with the pulley and reduces torque by aligning the pulley with the load, increasing efficiency and safety. The patented locking system eliminates a toothed cam or prusik so it can be easily and safely released while under load. The side becket location allows for maximum lift height and full retraction of the system, and a removable becket cover facilitates changing out lifeline with sewn terminations. Machined from aircraft-grade aluminum with a high-strength aluminum side plate, sealed bearings and anodised aluminium sheaves.



Code	MBS	Weight	Sheave Φ	Sheave Width	Colour	NFPA Rating	Rope
CMC300343	46 kN	100 g	57 mm	13 mm	Red/Grey	General Use	11 - 13 mm
CMC300342	51 kN	680 g	57 mm	13 mm	Grey	General Use	10 - 13 mm

CMC PMP Swivel Pulley S/S

The PMP Swivel Pulley is ideal for high anchor points or tripod use. The rotating swivel aligns the rope with the direction of the pull. Its stainless steel sheave can be used with either rescue rope or wire cable. By combining the swivel with the pulley, overall system length is minimised, increasing travel. The patented pivoting side plate allows the rope to be quickly inserted. A double-detent button prevents accidental opening of side plate.



Product	MBS	Weight	Sheave Ø	Sheave Width	NFPA Rating
CMC300430	45 kN	320 g	38 mm	13 mm	General use

CMC Swivel Double Pulley

The CMC Swivel Double Pulley features an aluminum sheave and becket. The rotating swivel aligns the rope with the direction of the pull. By combining the swivel with the pulley, overall system length is minimised, increasing travel. The patented pivoting side plate allows the rope to be quickly inserted. A double-detent button prevents accidental opening of side plate.



Product	MBS	Weight	Sheave Ø	Sheave Width	NFPA Rating
CMC300432	44 kN	414 g	38 mm	13 mm	General use

OG1 Prusik Minding Pulley

Code FWE OG1

The OG1 Prusik Minding Pulley is an invaluable aid for heavy duty industrial rigging or rescue operations. It has an impressive 36 kN load rating with a side opening plate that allows you to access the 51 mm x 13 mm sheave without disconnecting the pulley from its anchor. Connection point can hold up to three 12 mm karabiners. Made from high grade anodised aluminium and stainless steel.



Rope	Length	Width	Depth	Weight
11 mm - 13 mm	180 mm	120 mm	47 mm	950 g

ISC Prusik Minding Pulleys

ISC Prusik Minding Pulleys are designed for heavy duty rescue, rigging and hauling systems. The full range consists of sizes small, medium and large. Each size is available in a single or double pulley configuration in aluminium or stainless steel.

Alloy Plate with Alloy Wheel

Code	Description	MBS	Rope	Sheave	Weight
VISC RP060A1	Small Single	40 kN	13 mm	50 mm	200 g
VISC RP061A1	Small Double Becket	40 kN	13 mm	50 mm	340 g
VISC RP063A1	Medium Single	50 kN	13 mm	62 mm	280 g
VISC RP065A1	Medium Single Becket	50 kN	13 mm	62 mm	300 g
VISC RP064A1	Medium Double Becket	50 kN	13 mm	62 mm	500 g
VISC RP066A1	Large Single	70 kN	16 mm	75 mm	440 g
VISC RP067A1	Large Double Becket	70 kN	16 mm	75 mm	760 g



Alloy

Stainless Steel with Stainless Wheel

Code	Description	MBS	Rope	Sheave	Weight
VISC RP060D1	Small Single	40 kN	13 mm	50 mm	398 g
VISC RP061D1	Small Double Becket	40 kN	13 mm	50 mm	674 g
VISC RP063D1	Medium Single	50 kN	13 mm	62 mm	584 g
VISC RP065D1	Medium Single Becket	50 kN	13 mm	62 mm	584 g
VISC RP064D1	Medium Double Becket	50 kN	13 mm	62 mm	1036 g
VISC RP066D1	Large Single	70 kN	16 mm	75 mm	896 g
VISC RP067D1	Large Double Becket	70 kN	16 mm	75 mm	1626 g



Stainless Steel

CT Orbiter M Single Pulley Small

Code VCT 2P664

Robust and compact light alloy pulley with oscillating side plates. Particularly suited for hauling and load deviations. Assembled on self-lubricating bushes. Approved EN 12278:2007

Rope	Length	Width	Depth	Weight	MBS
<13 mm	74 mm	44 mm	33 mm	90 g	30 kN



CT Orbiter S Single Pulley

Code VCT 2P660

Large light weight alloy pulley with oscillating side plates. Particularly suited for hauling and load deviations Single sheave mounted on heavy duty ball bearings. Up to three connectors can be hooked in to the large eyelet. Approved EN 12278:2007

Rope	Length	Width	Depth	Weight	MBS
<13 mm	124 mm	70 mm	28 mm	180 g	32 kN



CT Orbiter D Single Pulley with Becket

Code VCT 2P661

Large light weight alloy pulley with oscillating side plates and becket. Particularly suited for hauling and load deviations. Single sheave mounted on heavy duty ball bearings. Up to three connectors can be hooked in to the large eyelet. Approved EN 12278:2007

Rope	Length	Width	Depth	Weight	MBS
<13 mm	147 mm	70 mm	28 mm	215 g	32 kN



CT Orbiter T Twin Pulley with Becket

Code VCT 2P662

Light alloy double pulley with oscillating side plates. Twin sheaves mounted on heavy duty ball bearings. Up to three connectors can be hooked in to the large eyelet plus one connector into the Becket. Approved EN 12278:2007

Rope	Length	Width	Depth	Weight	MBS
<13 mm	152 mm	70 mm	48 mm	310 g	50 kN



CT Orbiter L Triple Pulley

Code VCT 2P666

Triple pulley with mobile side plates, very versatile and robust. Provision for two connectors through the upper eyelet. Triple sheaves mounted on heavy duty ball bearings. Light-alloy side plates extend beyond the pulley wheels to minimise rope wear. Ideal for constructing 6:1 mechanical rescue systems where a lighter lifting force is required. Approved EN 12278:2007

Rope	Length	Width	Depth	Weight	Break Load
<13 mm	152 mm	70 mm	68 mm	445 g	42 kN



Alloy Swivel

These lightweight, hot forged, alloy swivels help prevent rope twist. Ideally used in tripod rescue scenarios or hauling systems. The large 'Twirl' eyelet will fit three connectors up to 12 mm diameter. Certified EN 354:2003.

Code	Description	Length	Width	Weight	Break Load
VCT2D795	Twirl	113 mm	57 mm	170 g	40 kN
VCT2D793	Twister	84 mm	43 mm	80 g	24 kN



Twirl VCT 2D795

Twister VCT 2D793

Anchor Plates

Code VCT L6370303 (4 holes) VCT L6370503 (8 holes) VISC RP320A (15 holes)

Anchor Plates allow you to create and organise your anchor systems safely. These Anchor Plates are made from high grade aluminium alloy. Anchor Plates are available in four, eight or fifteen hole options.

Model	Width	Width	Weight	Break Load	Hole Diameter
4 Holes	96.5 mm	83 mm	63 g	36 kN	20 mm
8 Holes	149 mm	98 mm	136 g	45 kN	20 mm
15 Holes	249 mm	150 mm	471 g	55 kN	19 mm



Alloy Hook Swivel

Code VISC SH905 (3 way) VISC SH904 (DA)

A triple action hook for increased safety. Light alloy design. Swivel feature eliminates line twist. Fall indicator. Also available in double action. Weight 200 g (3 way) 191 g (DA) Break Strength 27 kN Dimensions 195 x 70 Gate opening 22 mm.



Alloy Hook Triplock

Code VISC SH903A

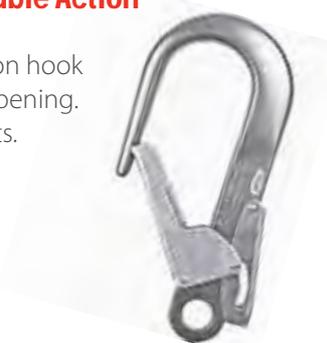
A triple action hook for increased safety. Light alloy design. Weight 128 g Break Strength 27 kN Dimensions 141 x 70 Gate opening 23 mm.



Alloy Hook Scaffold Double Action

Code VCT L3536201

A lightweight, double action hook with a large 60 mm gate opening. Ideal for large anchor points. Easy handling with gloves. Weight 455 g Break Strength 25 kN Dimensions 253 x 110 Gate opening 60 mm



Alloy Scaffold Hook Triplock

Code VUSA S-2500T

A lightweight, triplock, self locking hook with a large 60 mm gate opening and 30 mm attachment point. Weight 503 g Break Strength 23 kN Dimensions 253 x 124 Gate opening 60 mm



Alloy Hook Double Action

Code VCT 2C37300

Lightweight and durable with a stainless steel insert for wear proof use on wire cable. Easy handling with gloves. Weight 127 g Break Strength 30 kN Dimensions 135 x 71 Gate opening 25 mm



Steel & Stainless Steel Fireman's

VISC KH307SSP1 (steel) VISC KH307SSP3 (S/S) VISC KH307SGP1 (steel screwgate)

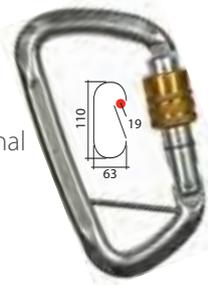
Fireman's karabiner with large 48mm triplock or screw gate opening which is ideal for attaching to larger anchors. Optional captive bar provided. Weight: Steel - 400 g Stainless Steel - 414 g Break Strength 40 kN Dimensions 173 x 95 Gate opening 48mm



Steel Screw Gate

Code VCT A428TOZO

Classic screw gate karabiner with very high break strength and optional captive bar. Individually tested. New snag free nose and gate.



Supplied with individual serial numbers.

Weight	
178 g	50 kN

Steel Screw Gate

Code VISC KH311SG

An economical, oval, screw gate karabiner with a 25 kN capacity.



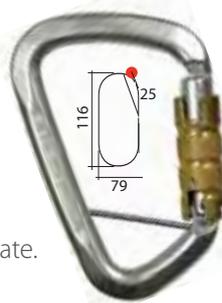
Supplied with individual serial numbers.

Weight	
160 g	25 kN

Steel Triplock

Code VCT A595TBBZO

This steel karabiner is made of hardened zinc plated steel for high performance and enhanced safety. It has a triple action twist lock entry with wide opening gate and optional captive bar. New snag free nose and gate.



Supplied with individual serial numbers.

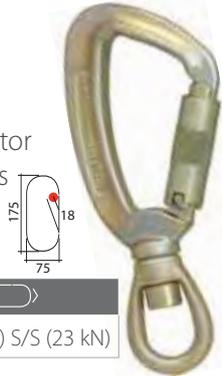
Weight			
260g	50 kN	15 kN	15 kN

Steel & S/S Swivel Triplock

Code VISC KH260SS11 (steel)

VISC KH251SS11 (S/S)

Triplock karabiner with fall indicator and swivel feature that eliminates potential twisting of line.



Supplied with individual serial numbers.

Weight	
Steel (374 g) S/S (347 g)	Steel (40 kN) S/S (23 kN)

Alloy Triplock

Code VCT L5300001

VCT L430001 (captive bar)

Extra light, drop forged alloy karabiner with triple action gate opening. Optional captive bar available.



Supplied with individual serial numbers.

Weight	
80 g	30 kN

Steel Screw Gate

Code VCT A455TBZO

This high strength, hardened zinc plated steel karabiner has a useful wide opening screw gate entry. New snag free nose and gate.



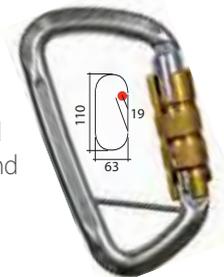
Supplied with individual serial numbers.

Weight			
253 g	50 kN	15 kN	20 kN

Steel Triplock

Code VCT A430TBZO

A compact, lightweight, hardened steel karabiner with a 50 kN rating and triple lock gate. New snag free nose and gate. Optional captive bar provided.



Supplied with individual serial numbers.

Weight			
189 g	50 kN	15 kN	15 kN

Stainless Steel Triplock

VCT I46500PO ASS

Stainless Steel triplock Karabiner ideal for use in hostile environments. Supplied with captive bar.



Supplied with individual serial numbers.

Weight	
275 g	35 kN

Alloy Triplock

Code VCT2C4650CXSACT001

A large, alloy, triplock karabiner supplied with a captive bar. Wide opening gate with catch free locking and an excellent breaking strength. Made from anodised light alloy.



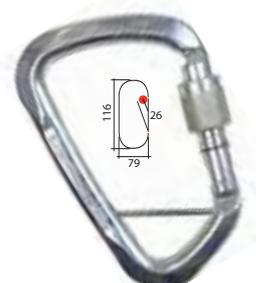
Supplied with individual serial numbers.

Weight			
98 g	30 kN	8 kN	11 kN

Alloy Screw Gate

Code VCT 2C4550B

Multipurpose lightweight karabiner with large base and wide sizing. Catch free nose to avoid snagging. Supplied with captive bar.



Supplied with individual serial numbers.

Weight	
92 g	30 kN

Maillon Rapide Standard

The Maillon Rapide Standard is extremely strong when loaded along the long axis. Suitable for anchor and rigging connections.



Code	Size mm	Length mm	Gate Opening mm	Thread Diameter mm	Work Load kg
Standard - Zinc Plated Steel					
VMR STS04	4	39.5	5.5	6	180
VMR STS06	6	57	7.5	9	400
VMR STS08	8	74	11	11	700
VMR STS10	10	89	12	13	1100
VMR STS12	12	104.5	15	15	1500
Standard - Stainless Steel					
VMR STSS08	8	74	11	11	1100
VMR STSS10	10	89	12	13	1800
VMR STSS12	12	104.5	15	15	2500
Standard - High Strength Alloy					
VMR STA10	10	89	12	13	2500

Maillon Rapide Pear

Ideal in situations where a three-way load is exerted. Also used for climbing rope, anchors and harness-to-chest harness connectors.



Code	Size mm	Width mm	Length mm	Gate Opening mm	Thread Diameter mm	Work Load kg
Pear Shaped – Zinc Plated Steel						
VMR PS08	8	53	100	17.5	11	480
VMR PS10	10	63	118	20.5	13	720

Maillon Rapide Twist

Fitted with a 90 degree twist, the Maillon Rapide Twist is ideal for smoother PPE connections in industrial safety, fall arrest systems, work restraint, work positioning, rope access as well as in mountaineering and climbing.



Code	Size mm	Width mm	Length mm	Gate Opening mm	Thread Diameter mm	Break Strength kN
Twist Zinc Plated Steel						
VMR STSTW07 (Standard)	7	33	66	16	10	27.5
VMR LOSTW08 (Large Opening)	8	36	88	17.5	11	32

Wire Connectors

Code VCT I70908PO (80 mm), VCT I70910PO (100 mm), VCT I70914PO (140 mm)

Available in three different sizes to suit 80 mm, 100 mm or 140 mm scaffold or pipe. Constructed from one-piece stainless steel giving it a high overall strength 15 kN.



Maillon Rapide Delta

Ideal in situations where a three-way load is exerted. Also used for climbing rope, anchors and harness-to-chest harness connectors.



Code	Size mm	Width mm	Length mm	Gate Opening mm	Thread Diameter mm	Work Load kg
Delta - Zinc Plated Steel						
VMR DS04	4	35.5	40	5.5	6	100
VMR DS06	6	47	56	7.5	9	250
VMR DS08	8	56	73	10	11	550
VMR DS10	10	66	87	12	13	900
VMR DS12	12	75	104	15	15	1100
Delta - Stainless Steel						
VMR DSS10	10	66	87	12	13	1250
Delta - High Strength Alloy						
VMR DA10	10	66	87	12	13	350

Maillon Large Opening

The wider mouth opening makes connecting easier. Suitable for anchor and rigging connections.



Code	Size mm	Length mm	Gate Opening mm	Thread Diameter mm	Work Load kg
Large Opening – Zinc Plated Steel					
VMR LOS07	7	79	16	10	500
VMR LOS08	8	88	17.5	11	650
VMR LOS10	10	105.5	20.5	13	1000
VMR LOS12	12	124	23.5	15	1250
VMR LOS16	16	161	29.5	19	2500
Large Opening – Stainless Steel					
VMR LOSS08	8	88	17.5	11	980
VMR LOSS10	10	105.5	20.5	13	1600
VMR LOSS12	12	124	23.5	15	2200

Maillon C Shape

Commonly used when connecting sit and chest harnesses.



Code	Size mm	Length mm	Gate Opening mm	Thread Diameter mm	Work Load kN
C Shape – Zinc Plated Steel					
VMR CS10	10	86	10	13	10 kN
C Shape - High Strength Alloy					
VMR CA10	10	86	10	13	10 kN

Arresta Static Kernmantle Rope

Arresta Static Kernmantle Rope is a fully imported, economical rope constructed with braided polyester outer surrounding a twisted nylon kernmantle core. Available in a variety of colour ways including high visibility with reflective fleck. 11 mm, 13 mm and 16 mm diameter. Meets AS 4142.3 and EN 1891



Diameter	Weight (g/m)	MBS kN
11mm	82.5	31.2
13 mm	111	35.25
16 mm	189	50

KM-III 11mm Static Rope

The Teufelberger KM-III is an exceptional static rope for rescue, life-safety and fixed rope applications, rappelling, hauling and caving. The unique polyester sheath is incredibly smooth with higher tensile strengths, and superior handling characteristics but balanced with a nylon core to limit rotation, bouncing, and stretch with exceptional UV resistance differentiating itself from other static ropes. NFPA Approved – Technical Use and certified CE EN 1891.



Diameter	Weight (g/m)	MBS kN	Avg BS kN
11mm	86.3	35.15	42.7

Patron 11mm Static Rope

Patron is exceptionally appealing because of its low weight and high breaking strength. Due to the high strength and the low danger of cracking, Patron ropes are the right choice for many different applications. The high-twist 32-strand mantle braid provides for high dirt resistance, better grip and high abrasion protection. High-grade polyamide 11.0mm certified with PETZL ASAP (B71 + B71AAA) and ASAP Lock (B71 ALU) according to EN 353-2. Certified with Anthron DSD plus according to EN 341 A.



Diameter	Weight (g/m)	MBS kN	Avg BS kN figure 8	MBS kN Sewn
11mm	75	32	18	22

Apex 11mm Dynamic Rope

The inherent strength and properties of the Teufelberger Apex 11mm dynamic rope makes it suitable for some fall protection scenarios. Also designed for big wall and trad climbing, developing routes and it makes an excellent rope for challenge courses. The nylon cover and nylon core consistently takes a beating but still delivers reliable clips. All Apex ropes feature Endura Dry on the core. Certified UIAA 101 & EN 892.



Weight (g/m)	Dynamic Elongation	Dynamic Elongation	Max Impact Force
81.8	≤ 40%	≤ 10%	12 kN

Water Rescue Rope

Water Rescue Rope is a spliceable 20- plait braid floating rope for use in swift-water rescue applications. The rope has a durable nylon sheath that protects the braided multifilament polypropylene (MFP) core from damaging UV rays. This combination provides good grip ability and a strong product that floats just under the surface of the water. The high visibility yellow color with contrasting flecks is easily seen in the water.



Diameter	Weight (g/m)	MBS kN
11mm	78.9	16.5

T 12 Heat Resistant Rope 11mm

T 12™ is a 12-strand single braid of 100% Technora® and is characterised by a high breaking force, a very low elongation, little creep, and excellent heat resistance and good handling. Especially designed for emergency escape or search purposes. A special urethane coating improves the abrasion resistance. The T 12™ is spliceable. Limited UV-resistance.



Diameter	Weight (g/m)	MBS kN
12 mm	119	16.5

Arresta Prusik Cord 8mm

Arresta Prusik Cord is supple for handling and knot holding but hard wearing for prolonged use. Available in two solid colours yellow and red.



Diameter	Weight (g/m)	MBS kN
8 mm	49	12.25

LT Prusik Nylon 6mm

Strikes a perfect balance between firm and supple. The Teufelberger LT has enough give to grip the climbing rope but is not so mushy that the knot locks up. This results in a smooth, controlled movement over the climbing rope and makes untying the prusik knot easier.



Diameter	Weight (g/m)	MBS kN
6 mm	25.3	7.8

Rope Finishing

Ferno can manufacture rope components to individual specifications including splicing of both standard and double braid synthetic rope along with quality sewing of kernmantle rope with an array of plastic, stainless steel and galvanised steel thimble fittings to ensure a perfect custom solution.



Rope Safety Lines

Hi-Safe Rope Safety Lines are available in 11 mm sewn end kernmantle rope in a variety of lengths. All safety lines are finished with a thimble eye and can be supplied with an array of hardware options or supplied with thimble only. Break force in excess of 25 kN.

Code	Product Detail
HS-NARROPLAN H (+ length in m)	Kernmantle with double action hook
HS-NARROPLAN K (+ length in m)	Kernmantle with screw gate karabiner
HS-NARROPLAN (+ length in m)	Kernmantle rope only

Note: other lengths and fittings on request.



ISC Edge Roller

Code VISC ER100A

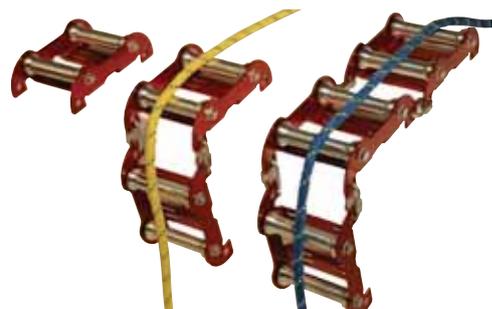
The ISC Edge Roller protects ropes from damage when working over sharp or abrasive edges. The system is fully modular, consisting of edge roller boxes made from pressed and powder coated aluminium and steel oval maillons which can be easily and quickly linked together to form a chain of whatever length is appropriate for the task. Each box assembly weighs 460 g and consists of one box and two maillons. Each box has a series of rollers which protect ropes in three directions but allow the rope to run smoothly with minimal friction.



Rescuetech Multi-Unit Edge Roller

Code RT-611111 (1 Unit), RT-611112 (2 Units), RT-611113 (3 Units), RT-611114 (4 Units)

A low profile edge protection device featuring an alloy aluminium frame and rollers. Can be used as a single unit or paired up with multiple units to provide large area protection. Units link together with the included rapid links or may be tied using flat webbing to provide long range protection.



Rope Protectors

Ferno provide various styles of rope protectors that prevent rope damage on sharp, abrasive or dirty edges and help prolong the life of your rope and slings. Available in heavy-duty, flat or in a lighter duty wraparound. For additional security a Kevlar lined version or internal leather version are available for aggressive edges or when repeated sideways movement is anticipated.

- (1) VAS ROP PROT - Light duty
- (2) VAI ROP PROT IND FLAT - Flat
- (3) VAI ROP PROT IND WRAP - Wraparound
- (4) VAI ROP PROT LEA - Leather Wraparound
- (5) VAI ROP PROT KEVLAR - Kevlar Flat



Ultra-Pro Edge Protector

Code CMC294042 (2 Edge Protector) and CMC294044 (4 Edge Protector)

Conforms to the edge but prevents sharp bends in the rope, reducing friction and wear. Ideal during hauling operations. Holes in all corners allow tie off or linked together.



Ferno Industrial Rope Protection Mat

Code VAI ROP PROT MAT

Numerous, flexible full length hinges allows conformity to most edge contours. Corner eyelets provide good tie off and low friction vinyl assists with rope glide. 70 x 60 cm.



Engel Hot Knife

Code VDPS G4480000 (knife), VDPS G4480001 (blade)

A hot knife/rope cutter for rope and web. This electric handheld unit cuts and fuses the ends of polyester and nylon ropes and webbing. Blade sold separately.



Rope Measurer

Codes CMC267030 (imperial) CMC1440 (metric)

This rope measurer quickly and accurately measures cordage from 4 mm to 19 mm diameter. Counter reads up to 3050 m. Supplied with mounting bracket.



Bokat Rope Washer

Code CMC294060

Cleans rope with a combination of water pressure and brushing action. Clamps over the rope and velcro closures allow adjustment to rope size for maximum efficiency. Lined with Astroturf which scrubs the rope as it is pulled through the washer. For use with ropes up to 19 mm in diameter. For optimum rope cleaning, pre-soak rope in Ferno Rope and Harness Wash.



Ferno Rope and Harness Wash

Code VAS WASH 500ML (500ml) and VAS WASH 20 (20 L)

A highly concentrated, blue liquid that is recommended for use with industrial harnesses, access, rigging and lowering ropes. Ferno Rope and Harness Wash is environmentally friendly, bio-degradable and does not contain any phosphates, bleaches or fragrances. It is low foaming, free rinsing with



All Purpose Grab Bag

VBI DLX CB RED

This multi-purpose bag is ideal and large enough for storing your harness and all related gear to make up your own kit. A handy daisy chain is located inside the zipper opening for convenient storage of karabiners and other gear. Dimensions L 61cm x W 38cm x H 27cm. Red only.



Expedition II Duffel Bag

Code VBS EXP 2 HD

The Expedition II Duffel Bag is a sizeable bag with a 75 L capacity that is made tough to carry rescue, industrial or climbing gear. This bag is made from heavy duty, hard wearing 1680d Kodra with integral shoulder and carry straps. Dimensions: L 78 cm x W 34 cm x H 35 cm



Gear Bags

Code VARB GB

Ferno Gear Bags are self-supporting but still capable of collapsing for storage. The simple design features grab handle and pull string tops. The smaller bag is made from heavy-duty Cordura. The larger bag incorporates numerous gear loops and is made from rip stop PVC

Code	Model	Height	Length	Width
VARB GB	Regular	150 mm	150 mm	150 mm
VARB GBL	Large	290 mm	185 mm	160 mm



Ferno Standard Rope Bag

Code VBS ROP BAG

Ferno Rope Bags keep your rope conveniently stowed, ready for transportation and quick deployment. Made from 1000d Kodra with a single pull throat top closure and base eyelet.

Size	Height	Diameter	Carry Handle	Strap Qty	Material
50 m	56 cm	24 cm	no	1	1000d Kodra
100 m	70 cm	24 cm	no	1	1000d Kodra
150 m	70 cm	30 cm	no	2	1000d Kodra
200 m	85 cm	30 cm	yes	2	1000d Kodra



Ferno Heavy Duty Rope Bag

Code VBS HIVIS

Ferno Heavy Duty Rope Bags keep your rope conveniently stowed, ready for transportation and quick deployment. Each bag has a double pull throat closure for securing contents and additional weather and dust protection. Made from heavy duty rip stop vinyl. Includes base eyelet.

Size	Height	Height With Throat	Diameter	Carry Handle	Strap Qty	Material
50 m	56 cm	62 cm	24 cm	no	1	Rip Stop Nylon
100 m	70 cm	76 cm	24 cm	no	1	Rip Stop Nylon
150 m	70 cm	76 cm	30 cm	yes	2	Rip Stop Nylon
200 m	85 cm	91 cm	30 cm	yes	2	Rip Stop Nylon



Ferno Industrial Rope Bag

Code NCB-16

The Industrial Rope Bag stores up to 100 m of rope. The wide open top allows good access and quickly rolls down and clips into place to keep contents water and dust free. Adjustable backpack straps along with a reinforced carry handle provide good portability options. Numerous gear loops allow attachment of PPE and gear. A clear pouch allows for identification. Red only.



Size	Height	Diameter	Carry Handle	Strap Qty	Material
100 m	65 cm	25 cm	Yes	2	1000d Kodra

CT Carrier Bag

Code CT 7X971

The CT Carrier Bag has a large 35 litre capacity allowing plenty of room for personal protection equipment or up to 70 m of 11 mm rope. Made from strong and durable PVC with padded shoulder straps for added comfort. The large flap opening allows quick and convenient access to contents. Black only. Dimensions H 52 cm x ϕ 30 cm. Weight 600 g.



Multi Pouch

Code VRES MULTI POUCH

The Multi Pouch is an ideal bag for the convenient storage of all rope and rescue gear. The clear faced pouches provide an uninterrupted view of all equipment, assisting in quick identification and deployment. The Multi Pouch is made from tough 1000 denier nylon. Each Multi Pouch features integral carry handle and backpack straps. The Multi Pouch has been a favourite with emergency services personnel for many years. Dimensions : Folded L 65cm x W 48cm. Open L 150cm x W 140cm.



CT Utility Backpack

Code CT 6X96140

Heavy duty carry bag for rescue, rope access technicians or for carrying plenty of gear. Made from an extremely strong and abrasion resistant polyester coated PVC. Padded waist belt, shoulder straps and back panel. Large flap top opening for easy filling and access to contents. Zip pocket inside top flap for documents and personal effects. 40 litre capacity. 900 g. Dimensions H 64 cm x D 30 cm x W 18cm



CT Glove Half

Code VCT 7X980 (AA, AB, AC, AD) M L XL XXL Half Finger,

A comfortable leather glove that offers enhanced hand protection from rope friction. The moisture wicking properties are enhanced by the perforated top leather surface. Exposed fingers provide normal finger dexterity and feel. Half Finger 100 g.



CT ProGrip Glove

Code VCT 7X980 (OA, OB, OC, OD) M L XL XXL

Light leather gloves with a comfortable and ergonomic cut that allows exception fit, feel and comfort. Developed for belaying, abseiling and rope work. Double thickness of natural leather on the palm and between thumb and first finger. Reinforced leather back with elastic anti-abrasion inserts. Ergonomic neoprene wrist band with Velcro fastening and hole for attachment to harness. Available in M, L, XL & XXL



Vertical Prusik Stirrups - Adjustable

Code VAS PRUSS ADJ

A great aid for rope climbing, the adjustable Prusik Stirrups minimise the effort expended when climbing or positioning while on rope.



Ferno Rescue Personal Lanyard (PAL)

Code Vas DAISY ADJ

The Ferno Rescue Personal Lanyard allows a rescuer to quickly connect to a victim and then adjust the strap to the desired length. It works well for positioning the victim for a lowering or rappel-based pick off or for an assisted rappel. There is an added loop to the end for a more positive grip when pulling to adjust. Depending on how the buckle is loaded, it will begin to slip between 15 kN to 20kN. Tying off the buckle will increase strength.



Ferno Industrial Daisy Chain

Code Vai DAISY H/D BLK

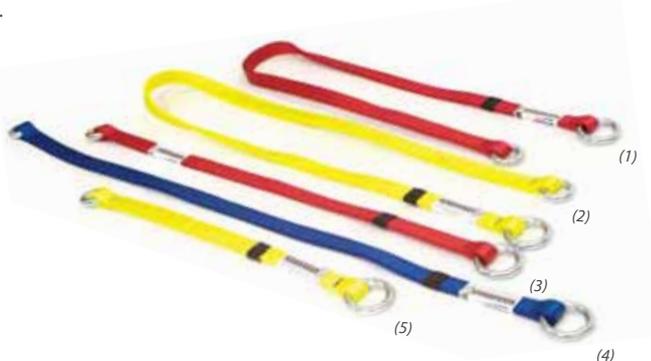
The Ferno Industrial Daisy Chain is ideal for positioning the casualty during work operations and is a must for all Rope Access and Rescue Technicians. A total length of 1.1 m with an end to end rating between 15 kN to 20kN (load angle dependent). Each unit comes with 12 x 60 mm attachment loops and is made from durable 25 mm flat polyester webbing. Each loop rated to 4.5 kN.



Rope Savers

(1) VARB RS1500 - Rope Saver 1500 mm Red, (2) VARB RS1800 - Rope Saver 1800 mm Fluoro Yellow, (3) VARB RS900 - Rope Saver 900 mm Red, (4) VARB RS1200 - Rope Saver 1200 mm Blue, (5) VARB RS600 - Rope Saver 600 mm Fluoro Yellow

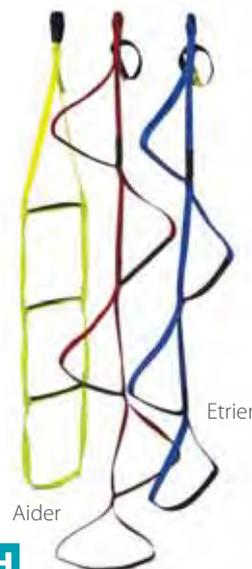
Ferno Rope Savers are available in a variety of sizes and include two different sized steel rings connected to heavy-duty, industrial rated polyester webbing. Ferno Rope Savers minimise damage to the tree and provide consistent friction on the climbing rope.



Etrier and Aider Four and Five Step

Code Vas ETRIER 4 & 5 and Vas AIDER 4 & 5

The Etrier and Aider Four and Five Step are ideal for rescue, rope access and recreational aid climbing. The 25 mm flat polyester webbing and dense vinyl stiffening ribs remain rigid for years, ensuring ease of foot placement and superior abrasion resistance.



CT Throw Bags

Code VCT 7V793025 (250g) VCT 7V793035 (350g)

These hard wearing, rip resistant throw bags are filled with either 250 g or 350 g of dead weight. Includes a small upper metal ring and a low sling loop.



Ferno Shotbag

Code VKIT THROW BAG

The Ferno Shotbag consists of a dipped throw bag attached to 30 m of cord all housed in a convenient storage bag.



Harness Assist

Code VFM-HA

The Harness Assist will retrofit to most harnesses and is designed to minimise the effects of suspension trauma/intolerance. In the event of a fall an adjustable twin foot loop is manually deployed allowing the user to stand and transfer their weight directly to the anchor point greatly relieving pressure from the harness – one of the major contributing factors to suspension trauma/intolerance symptoms. Weight: 150 g.



Ferno Bosun's Chair

Code VAI BOSUN

A lightweight harness accessory for enhanced comfort during extended periods of rope work. Adjustable arms, multiple gear loops and a padded seat area provides optimum productivity. Only to be used in conjunction with a complete fall arrest rated harness. Weight 1.2 kg.



Ferno Deluxe Bosun Chair

Code VAI BOSUN DLX

The Deluxe Bosun Chair is wider and features adjustable arms and additional padding for extra comfort and varying sized users. Gear loops are positioned around the chair providing a range of options for stowing gear safely including a central under seat loop for heavy gear to prevent user imbalance. Reflective fabric provides additional safety for night use. Only to be used in conjunction with a fall arrest rated harness. Weight 1.95 kg.



DROPS



Dropped objects are dangerous and life threatening. Avoid this by securing 'at height' tools and equipment using Ferno's extensive range of Strops and Tethers.

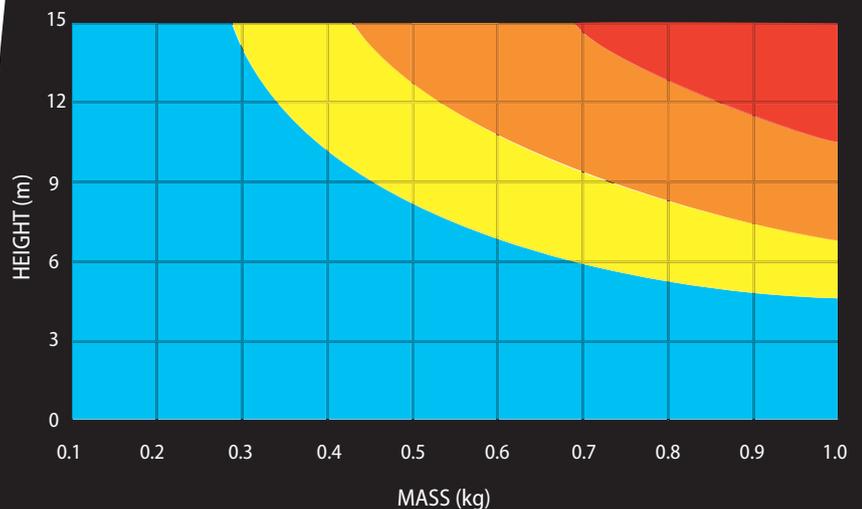
The following provides DROPS recommended Best Practice for the safe use of tools and portable equipment at height.

- Tools and portable equipment shall be adequately secured to either the user or the workplace.
- Tools shall have a lanyard attachment point that does not compromise the tool's effectiveness.
- All tools, lanyards and attachment points shall be inspected prior to use and prior to their return to the Tools at Height Toolkit, to ensure they are fit for purpose.
- Do not modify any tools or securing equipment.
- Tools and equipment shall be secured for all tasks undertaken at height where there is a risk of DROP
- Any deviation from recommended best practice shall be undertaken through a documented procedure.
- All personnel working at height and /or using compliant tools shall be adequately trained in their safe use and tether.
- If any tool or equipment is dropped, or if the retention system failed, it must be reported immediately.
- While work at height is ongoing, the "Drop Zone" below the work-site shall be cordoned off.



DROPPED OBJECT CALCULATOR

- Fatality
- Major Injury
- Medical Treatment
- First Aid Treatment



Break-Away Tool Lanyard

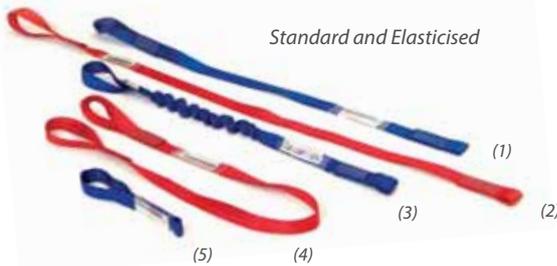
Designed to withstand as well as release from static and impact force. If a tool is dropped or caught in moving machinery, the weak link severs releasing the tool to reduce the chance of the worker being harmed or pulled into the machinery.



Description	Tool Drop Force	Break-Away Force
Break-Away Tool Lanyard 40kg	1 kg	40 kg
Break-Away Tool Lanyard 80kg	2 kg	80 kg

Tool Strops

Ferno offer standard tool strops (tool lanyards) as well as elasticised and tearaway versions. The tearaway strop is constructed with a safety strap that is designed to absorb the force or shock load of a chainsaw. The safety strap will begin to tear when approximately 30 kg or greater of force is applied. Available in an elasticised version that reduces the length of the strop and chance of entanglement.



Standard and Elasticised



Tearaway:
Standard and Elasticised

- (1) VARB TS 900 - Tool Strop Basic 900 mm Blue
- (2) VARB TS 1200 - Tool Strop Basic 1200 mm Red
- (3) VARB TS 900 EL - Tool Strop Basic Elastic 900 mm Blue
- (4) VARB TS 2LL - Tool Strop 2 Loop 1200 mm Red
- (5) VARB TS MINI - Tool Strop Basic Mini Blue

- (1) VARB TS T/A 1200 - Tool Strop Tearaway 1200 mm Red
- (2) VARB TS T/A 900 - Tool Strop Tearaway 900 mm Blue
- (3) VARB TS T/A EL - Tool Strop Tearaway Elastic 1200 mm Red

Safe Spring Hook

Code EB-STL INDV

Coiled, plastic coated stainless wire extends from 430 mm to 1600 mm and prevents tools accidentally falling. Supplied with various attachments for varying tools configurations. 5 kg load weight. Minimum order quantity of 12.



Tool Retention Safety System

Code VPPS 90290

The Tool Retention Safety System attaches to a harness via a belt slot and houses a 1.25 m retractable nylon cord with a quick connect buckle to attach to tools and gear to prevent accidental droppage.

WLL 1.5 kg
Weight 125 g



Tool Wrist Loops

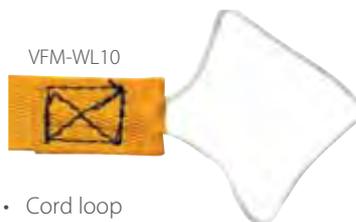
Code VFM-WL10, HS-WL15

Reduce the risk of dropped tools and equipment. Developed to secure hand tools and other equipment where work must be carried out over other workers or public spaces. Approximately 300 mm in length to end of string once attached to wrist.



HS-WL15

- Metal snap clip
- Swivel hook
- Adjustable wrist band



VFM-WL10

- Cord loop
- Adjustable wrist band
- Washable



X-Work Safety Helmet

Code VCT 6X94407 (white) VCT 6X94401 (orange) VCT 6X943 (half visor)

The X-Work Safety Helmet is comfortable and light weight with a high impact absorbing capacity making it ideal for all day use. Simple one hand sizing adjustment and a removable chin strap allows the helmet to be used on ground or working at height. Reduced peak visor for a superior visibility and aeration holes for ventilation. Head lamp clips and hearing protection slots.

Weight 365 g, Size range 52 cm to 62 cm



Work-Shell Helmet

Code VCT 6X94507 white, VCT 6X9410C (half clear visor)

Light and comfortable for long work shifts. High impact absorbing capacity, it boasts a great range of vision. Manual dial head harness adjustment. Emergency chin strap release if snagged. Head lamp clips are compatible with Peltor and Sperian earmuffs. Optional polycarbonate clear visor available (Code VCT 6X9410C)

One size fits most 53 cm to 62 cm. 345 g. EN 397:2001.



KASK HP Plus Helmet

The new Kask HP Plus is a high-tech helmet specifically designed for professional rescue and work-at-heights applications. An ultra-lightweight, compact and feature-rich helmet, the new HP Plus is certified to Australian Standards AS/NZS 1337.1:2010 Occupational Protective Helmets.

Features

- Lightweight, comfortable, compact, feature-rich helmet with multi-direction adjustments for best fit, user comfort and safety
- 10 air intake valves to deflect debris/water. Internal channels for best ventilation, keeping the head cool
- Moisture wicking, removable, washable internal padding. Polygiene® technology inhibits bacteria growth
- Stowable internal head harness/adjuster allows multiple helmet stacking without damage
- External clips are compatible with all current style headlamp elastic bands
- Optional accessories include full face visors, half visors and bayonet style ear muffs
- Certified to AS/NZS 1337.1:2010
- Weight: 500g (excluding visor and earmuff adaptor)
- Adjustable 51cm to 62cm

Code	Colour	Description	Certification
VKA WHE 20.201	White	HP Plus	AS/NZS 1801:1997
VKA WHE 20.202	Yellow	HP Plus	AS/NZS 1801:1997
VKA WHE 20.204	Red	HP Plus	AS/NZS 1801:1997
VKA WHE 20.210	Black	HP Plus	AS/NZS 1801:1997
VKA WVI 2.015	Clear	Half Visor	EN 166. EN 14458
VKA WVI 2.009	Smoke	Half Visor	EN 166. EN 14458
VKA WVI 3.015	Clear	Full Visor	EN 166
VKA WVI 3.009	Smoke	Full Visor	EN 166
VKA-FCMS **	Mesh	Full Visor	AS/NZS 11337.1:2010
VKA RBZ2CA **	Class 5	Ear Muffs Pair	AS/NZS 1270:2002
VKA WACS		Bayonet Adaptor Pair	

** Requires VKA WACS Bayonet Adaptor Pair



The Vertical Sunbrero

Code VAS SUNBRERO

Fits over your helmet and extends beyond the rim to block 100% of UV rays and to stop glare and sun from your face, ears and the back of your neck. Made of durable, cordura nylon, the Sunbrero has an elastic band that grips to the helmet and secures to the headlamp retainer clips.



Cool Vest RPCM Technology



Heat is part of the job, but it doesn't have to be part of your life. RPCM® Cool Vests provide cooling relief and are suitable for anyone working in warm to extreme temperatures. The cooling properties help you maintain a level head, keep comfortable, and retain energy when you end your work day and head home. RPCM® Cool Vests do not melt quickly like ice based vests instead they maintain a constant, cool and dry 15 C for up to 2.5 hours in temperatures of up to 38 C. Unlike evaporative vests, Cool Vests are dry with no condensation leaving you cool, dry and comfortable. Cool Vests weight less than 2.3kg and fully recharge in 20 minutes in ice water or 60 minutes in the fridge or freezer. Completely non-toxic, non-flammable, safe and environmentally friendly and the only vest to carry the USDA Certified BioPreferred label.

Classic RPCM Cool Vest

Code GT-SCV-RB

The Classic RPCM Cooling Vest is our most economical vest and features side elastic straps and over-the-shoulder adjustability to fit a wide range of body sizes. The PVC-coated nylon mesh fabric is extremely durable and easily cleaned in regular laundry or by just hosing it off. Includes RPCM Cool Pack Set of 4.



Concealment RPCM Cool Vest

Code GT-CV265WV

Can be worn under regular street clothes. Made with white, machine washable fabric, it features side elastic straps and over-the-shoulder adjustability to fit a wide range of body sizes. Includes RPCM Cool Pack Set of 4.



Original RPCM Cool Vests

The Original RPCM Cool Vests feature over the shoulder and side strap adjustability. Additionally they include a heavy duty front zipper for easy on/off wear making them suitable for a wide range of body sizes. Includes RPCM Cool Pack Set of 4. Available in a variety of styles and colours including:



Pink
GT-RCVZ15PK-A



Red
GT-SVC-RE



Tan Khaki
GT-RCVZ15TK-A



High Vis Yellow
GT-SCV-YR



High Vis Orange /
Flame Retardant
GT-RCVZ15OB



Grey / Flame Retardant
GT-SCV-FR

RPCM Cool Pack Set of Four

Code GT-RSPS15XX

RPCM Cool Packs are the heart of each vest and come in a set of four. Designed for the Classic, Concealment and Original Cool Vests. They can be swapped out quickly recharged in ice water in 20 minutes or 60 minutes in a refrigerator or freezer and will maintain a 15° C temperature.



Flex Vest

This innovative, new cooling vest that is styled to look like every day casual wear making it ideal for the office, home or recreational use. The Flex Vest covers more body surface area with a soft, high quality fabric that stretches to comfortably fit the body and is hermetically sealed for easy cleaning and sterilisation. Includes two 12 piece GlacierPack sets allowing the wearer to maintain a comfortable temperature simply by switching sets every few hours. Available in S, M, L, XL.



'I' Beam Anchor Roller

Code FWE-YAA005

Ferno's Roller Beam Anchors connect to a wide range of I and H beam flanges from 76 mm to 300 mm wide and up to 30mm thick.

Once attached the Roller Beam Anchor rolls across the beam following you as you work. Quick and easy to install and easily removed if required at other sites.

Manufactured from high grade anodised alloy and rated to 15 kN single person limited free fall arrest. To be used with self-retracting lifeline or fall arrest lanyard only.



'I' Beam Anchors

Ferno Fixed I Beam Anchor connects to a wide range of I and H beam flanges. The two models vary in width capacity from 80mm to 375mm and up to 30 mm thickness. Once attached the I Beam Anchor provides a secure anchor point for safe work at heights. Manufactured from high grade anodised alloy and rated to 15 kN single person limited free fall arrest. To be used with self-retracting lifeline or fall arrest lanyard only.



FWE-YAA001 80mm to 295mm



FWE-YAA003 125mm to 375mm

Spring Loaded Bolt Anchors

These removable man riding bolt anchors are designed to be mobile and are simple to use. They lock and remove using a hand operated spring loaded trigger that activates a locking device. No additional tools are required.

Features

- Polyurethane coated anchor loop with safety indicators
- Suitable for vertical, horizontal or overhead use
- Standards: EN 795:1996 (+A1:2000) Class B, ANSI Z359.1-2007, ANSI Z359.7-2011, OSHA 1926.502



Model	Lock Type	Max User Weight	Rating	Hole ϕ	Hole Length	Suitable for
CM-RAF075N	Spoon & Cone	136 kg	22 kN	20 mm	90 mm	Concrete
CM-RAF100N	Spoon & Cone	136 kg	44 kN	25 mm	115 mm	Concrete
CM-TLA075N	Toggle	136 kg	22 kN	20 mm	6.5mm (min)	Steel



Ferno SURFACElok™ Permanent Anchor*

Code FWESL

The Ferno SURFACElok™ is a unique and versatile anchor system made from stainless steel for durability, longevity and aesthetic appeal. Its unique design incorporates a series of fastening holes making it compatible with most roof profiles and structures. The Ferno SURFACElok is supplied with the ANCHORsafe Shock Limiter, a 360 degree swivel attachment device that provides the user with uninterrupted access to their work area. The ANCHORsafe also absorbs the force or shock load sustained in the event of a fall. Each SURFACElok Anchor has an individually engraved serial number.

Features

- Supplied with ANCHORsafe Shock Limiter
- Swivels 360 degree for uninterrupted access
- Absorbs the shock load in the event of a fall
- Compatible for most roof profiles and structures
- Individually engraved serial number
- Quick and easy installation process
- Supplied with tek screws, rivets and sealing tape
- Stainless steel construction for durability
- Aesthetically pleasing design and appearance
- Meets the requirements of AS/NZS1891.4
- Rated at 22 kN fall arrest for two person use



Ferno TOPlok™ Permanent Anchor*

Code FWETL

The Ferno TOPlok™ is made from stainless steel for durability, longevity and aesthetic appeal. Its high profile allows clearance for deep roof cladding designs. The Ferno TopLok is supplied with the ANCHORsafe Shock Limiter, a 360 degree swivel attachment device that provides the user with uninterrupted access to their work area. The ANCHORsafe also absorbs the force or shock load sustained in the event of a fall. Each TOPlok Anchor has an individually engraved serial number.

Features

- Supplied with ANCHORsafe Shock Limiter
- Swivels 360 degree for uninterrupted access
- Absorbs the shock load in the event of a fall
- Compatible for deep roof profiles and structures
- Individually engraved serial number
- Quick and easy installation process
- Supplied with tek screws, rivets and sealing tape
- Stainless steel construction for durability
- Aesthetically pleasing design and appearance
- Meets the requirements of AS/NZS1891.4
- Rated at 22 kN fall arrest for two person use



Ferno PURLINlok™ Permanent Anchor*

Code FWE-PL CORR (corrugated) FWE-PL TRIM (trim deck) FWE-PL FLAT (flat)

The Ferno PURLINlok™ Roof Anchor range is available with a suite of base plates providing the user with an easy to install, permanently mounted anchor system for most roof structures. The Ferno PURLINlok is supplied with the ANCHORsafe Shock Limiter, a 360 degree swivel attachment device that provides the user with uninterrupted access to their work area. The ANCHORsafe also absorbs the force or shock load sustained in the event of a fall. Each PURLINlok Anchor has an individually engraved serial number.

Features

- Supplied with ANCHORsafe Shock Limiter
- Swivels 360 degree for uninterrupted access
- Absorbs the shock load in the event of a fall
- Variety of base plates for most roof structures
- Individually engraved serial number
- Quick and easy installation process
- Supplied with sealing tape, purlin setting block and string applicator
- Stainless steel construction for durability and longevity
- Meets the requirements of AS/NZS1891.4
- Rated at 22 kN fall arrest for two person use



*Must be used with a personal energy absorber and lanyard system. Any roof structure must be inspected by a competent person and deemed strong enough to yield the required forces prior to application. If in doubt consult an engineer for clarification.

Hi-Safe RA10 Purlin Anchor

Code HS-RA10 CORR (corrugated) , HS-RA10 TRIM (trim deck), HS-RA10 FLAT (flat)



The Hi-Safe RA10 Anchor range is available with an array of base plates providing the user with an easy to install permanently mounted steel purlin anchor system for most roof profiles. The anchor attachment point sits high and proud providing the user with good clearance options. Each Hi-Safe RA10 Anchor has an individually identified serial number.

Features

- Individually identified serial number.
- Full stainless steel construction
- M16 eye bolt 120 mm
- Easy installation
- Supplied with purlin setting block and string applicator
- Meets AS/NZS1891.4 anchorage requirements
- Rated at 15 kN "Fall Arrest" for single person use



Mechanical Concrete Anchor Kit

Code HS-RA CON16MM

Our Mechanical Concrete Anchor is designed to install easily and securely into concrete. Each kit includes Hilti M16 high performance stainless steel bolts complete with heavy duty 16mm 316 stainless steel anchor with water proof base plate. Suitable for fall arrest and twin rope use. Must be load tested as per AS/ NZS 1891.4:2009. 15 kN rated. Hole Φ 24 mm. Hole depth 125 mm.



Steel Anchor 16mm

Code HS-M16X100EYEKIT

Heavy duty 16 mm x 100 mm 316 stainless steel anchor with waterproof plate. Suitable for steel structures including I beams. Suitable for fall arrest and twin rope use.



Mega Swivel Anchor

Code CM-SWY100N

Designed for concrete or steel structures. 44kN man riding anchor for up to 2 connections with a combined user weight up to 180kg. Will swivel 360 degrees and pivot or 'flip' 180 degrees to self-align with load direction and minimise entangled or twisted connections.

Features

- Zinc Plated Steel
- Concrete or Weld on kit available
- Tested to: 44kN
- Weight: 544g
- Diameter: 76mm
- Maximum User Weight: 136kg for one user 180kg for two users



Ferno EDGElok™ Temporary Anchor

Code **FWEELE** (Optional large cladding insert **FWEELE-LEX**) **FLAT** (flat)

The standard Ferno EDGElok allows multi-depth adjustment to suit varying roof cladding profiles. An optional cladding insert provides the user with the ability to fit the Ferno EDGElok onto larger roof cladding profiles. The EDGElok is robust yet light-weight and collapsible so it can be carried from job to job for repeated use. For additional safety the EDGElok incorporates an energy absorbing arm with fall indicator. The EDGElok is constructed primarily of high grade alloy with some stainless steel construction. It is tested to meet the requirements of the AS/NZS1891.4 anchorage specifications for 15 kN single person fall arrest.

Features

- Multi depth adjustment to suit common roof cladding profiles
- Optional large cladding insert for larger roof profiles
- Light weight and collapsible (3.1 kg)
- Easily transported from job to job for repeated use
- Incorporates an energy absorbing arm with fall indicator



EDGElok with Optional Large Cladding Insert EDGElok with Standard Insert



Ferno ROOFlok™ Temporary Anchor

Code **FWERF**

The Ferno ROOFlok is lightweight and compact allowing it to be moved from job to job. It is easy to attach to most roofs using the supplied screws and Fablok fittings. The ROOFlok is supplied with the ANCHORsafe Shock Limiter, a 360 degree swivel attachment device that provides the user with uninterrupted access to their work area. The ANCHORsafe also absorbs the force or shock load sustained in the event of a fall. Each ROOFlok has an individually engraved serial number.

Features

- Supplied with ANCHORsafe Shock Limiter
- Swivels 360 degree for uninterrupted access
- Absorbs the shock load in the event of a fall
- Easy to attach using supplied screws and fabloks
- Can be moved from job to job
- Lightweight and compact
- Stainless steel construction for durability
- Rated at 15 kN "Fall Arrest" for single person use
- Meets the requirements of AS/NZS1891.4
- Easily installed using standard drill bits and drivers



Fablok fitting

Spyda Temporary Anchor Point*

Code **SAY-AP145.20** (clamp) **SAY-AP145.10** (screw fix)

The Spyda Temporary Anchor Point provides the user with the option to clip or screw fix to most roof structure and incorporates an energy absorbing swivel eye lanyard attachment point.

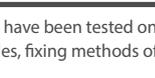
Features and Benefits

- Multiple slatted fixing points and pivot arms to suit any application
- Lightweight (10 kg), relocatable and folds into compact carry bag
- All fixings and seals included in package
- Meets the requirements of AS/NZS1891.4



Roof Anchor Fitment Matrix

(Note this matrix is a guide for profile widths) **

Profile	Image	Manufacturer	Ridge Height (mm)	Space Between Profile Ridges (mm)	Surfacelok	Rooflok	Toplok	Purlinlok & RA10 Corrugated	Purlinlok & RA10 Trim Deck	Purlinlok & RA10 Flat Roof	Edgelok
Customorb		Lysaght	16	76	✓	✓	✗	✓	✗		Standard Version
Flatdek		Lysaght	43.6	242	✗	✓	✓	✗	✗	✓	With Large Insert
Klip-Lok 406		Lysaght	40	203	✓	✓	✓	✗	✗	✓	With Large Insert
Klip-Lok 700		Lysaght	40/43	233	✓	✓	✓	✗	✗	✓	With Large Insert
Longline		Lysaght	48	152.5	✗	✗	✓	✗	✗	✓	With Large Insert
Spandek		Lysaght	24	87.5	✓	✓	✗	✗	✓	✗	Standard Version
Trimdek		Lysaght	29	190.5	✓	✓	✗	✗	✓	✓	Standard Version
Corrugated		Stratco	15	76	✓	✓	✗	✓	✗	✗	Standard Version
Prodek		Stratco	49	217.4	✓	✓	✗	✗	✗	✓	With Large Insert
Smartspan		Stratco	24	87.5	✓	✓	✗	✗	✓	✗	Standard Version
Superdek		Stratco	27.1	190.5	✓	✓	✗	✗	✓	✓	Standard Version
Topdek 700		Stratco	42	233.3	✓	✓	✓	✗	✗	✓	With Large Insert

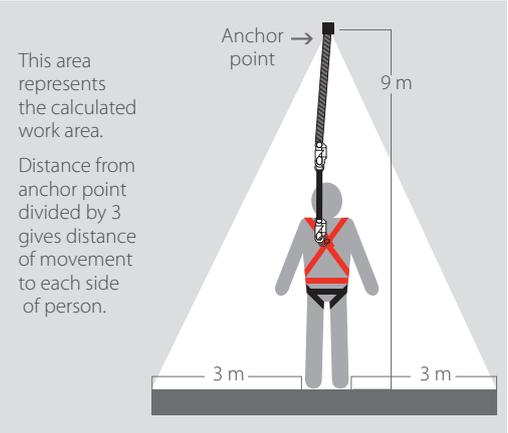
** Note: the roof anchors have been tested on a range of steel roofing profiles with a base metal thickness of 0.42mm. This fitment advice is given as a guide only. Due to the wide range of roofing profiles, fixing methods of general roof profiles and roofing frame structures, it is up to the the installer to ensure the suitability of the roof structures strength.



Calculating fall distances and clearances using traditional energy absorbing lanyard. Fall distance reduced with Shockyard

Before Fall	After Fall	Anchorage	Calculation
		Lanyard length	2 m
		Required distance for energy absorber to decelerate	1.75 m
		Worker height	1.8 m
		Safety/Residual clearance	1 m
		Total	6.55 m

Work zone formula - overhead anchors



Work zone formula - connecting safety lines

Example 1

Rope must be tight between you and the anchor point.
Protect rope on ridge line from cutting.
Maintain the 30/30 degrees.

Example 2

Use a round sling or tie-off adapter.
Attempt to wrap twice around structure.
Ensure hook and free fall arrest attachment point is compatible.

ANCHOR PLACEMENT / ROPE LENGTH

Ensure correct rope length is used to avoid potential fall situation

ANCHOR PLACEMENT

Incorrect anchor layouts create large dead zones. Correct anchor layouts reduce dead zones

Ferno Ladder Stabiliser

Code HS-LS26

The Ladder Stabiliser's underside tyre like grip prevents the base of the ladder slipping on common surfaces. It fits ladders up to a 64cm base and ladders with a stability bar of any length. The device is more reliable than standard footing and is ideal for solo tradesmen and handymen as it reduces ladder set up times and protects the underground. The Ladder Stabiliser is simple to use, flexible and reliable. L 66 cm, W 22 cm, H 9 cm, Weight 4.7 kg



Ferno LADlok Ladder Gutter Bracket

Code FWELL

The Ferno LADlok Ladder Gutter Bracket attaches to your ladder enabling it to be securely placed in position before work access. It is quick and easy to install and fits most rung ladders and gutter profiles.

Features

- Fits most ladders and gutter profiles
- Supplied with extension brackets for larger ladders
- Limits ladder movement for safe and confident use
- Rubber seal backs to protect gutter from scratches
- Powder coated quality steel construction
- Quick and easy to install
- Attractively priced



Ferno SCAFlok Parapet & Rail Ladder Bracket

Code FWESCL

The Ferno SCAFlok enables your ladder to be placed in position and secured before climbing and is ideal for accessing factory / construction parapets, purlins, timber trusses, steel portals, and pipework. The SCAFlok fits parapets from 20 mm to 250 mm making it an ideal, quick and easy solution for stabilising your access needs.

Features

- Fits most portable rung type ladders
- Fits parapets from 20 mm to 250 mm
- Supplied with 90 mm extension brackets for larger ladder frames
- Rubber seal backs to protect parapet from surface scratches
- Quality steel construction with durable powder coat finish
- Quick and easy to install



Hi-Safe LS25 Ladder Bracket

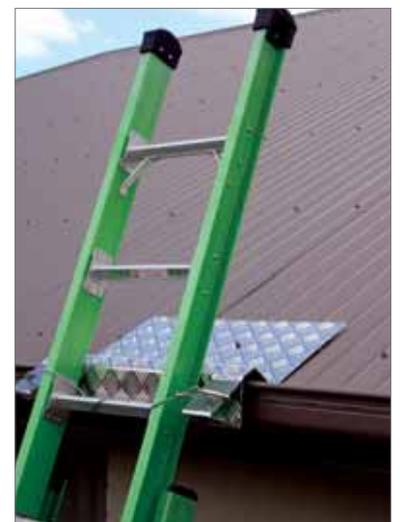
Code HS-LS25G TYPE2



The Hi Safe ladder bracket is lightweight, strong and corrosive resistant providing a simple and secure mounting system for ladders. The Ladder Bracket is versatile for end user use and allows on-site alterations for the installer. Not all parapets and roof structures are the same so Ferno has specifically engineered the ladder bracket to allow small on-site alterations by the installer. This multi-fit design combined with alloy substrate provides universal fitment opportunities to a vast array of parapet walls and roof edge structures.

Features

- 3 mm alloy, anti-slip substrate
- Corrosive resistant alloy allows onsite drilling and trimming
- Integrated tie off cable can slide through or wrap around rung
- Protects parapet or gutter from damage
- Warning signage can be easily fitted to the front of the bracket
- Deep positioning points to locate & secure ladder
- Allows a true 4:1 ladder positioning method per the OHS portable ladder use guidelines



Hi-Safe Ladder Lock

Code HS-LLO (parapet), HS-LLOG (gutter)



Hi-Safe Ladder Locks are available for either guttered roofs or parapet building structures. They can be securely fastened and are an ideal alternative to permanent ladder systems. A one metre handrail provides stability when transitioning from ladder to roof which is the most critical point in portable ladder egress and regress. Complies with relevant Australian Standards and guidelines.



Permanent Access Kits

Ferno Australia provides a range of permanent access kits for the purpose of safe entry for routine equipment or building maintenance. The handrails and walkway safely channel the user to a safe zone on the roof and protects the roof from damage. It can be installed on flat roofs, or levelled to suit pitched roofs or adapted to parapet walls. Manufactured to meet AS/NZS1657-2013



Ladder and Walkway Systems

Ferno takes pride in being able to offer and supply a complete range of access solutions that facilitate safe access for a variety of situations. Our modular ladder and platforms are fabricated from high grade alloys and provide a lightweight, yet robust design that allows quick onsite assembly and installation. Our walkway systems are available in either high grade alloy or industrial grade, U.V. stabilised fibreglass. All modular systems meet the requirements of the AS/NZS 1657:2013 and AS/NZS1891.4-2009 standards for ladders, walkways and fixed platforms. For additional user safety, proprietary fall protection items such as vertical fall arrest and enclosed caged systems can be added. Our ladders are available in pre-fabricated kits or custom built to suit.



Free Standing Modular Edge Protection

The free standing modular counter weight edge protection system was designed to overcome areas where water proofing or structural penetration maybe an issue such as mineral felt & single ply membrane roofs. The galvanised tubular system is easily managed when installing and transporting due to its modular flat pack design, galvanised top rails and mid rails are in 6 m lengths. The system is designed for permanent handrail edge protection applications however it can be relocated easily due to the grub screw tube clamp connectors which meet AS2074 requirements. Manufactured and designed to AS/NZS 1657:2013 loading & deflection requirements. No on site welding or bending required. Base plates 15 kg each.



Amboss Pull Down Access Ladders

Where exterior access to a building roof is difficult, security is a concern or it simply makes sense to access your roof via the ceiling space then an Amboss pull down ladder system is the solution. The pull down ladder system offers solutions for domestic, commercial, heavy commercial and fire rated building applications where safe internal access and egress is required to a ceiling space or roof.

All ladders are manufactured meeting the Building Code of Australia and all statutory OHS codes and guidelines. The pull down systems are available in load ratings ranging from 150 kg - 400 kg.

All access ladders are manufactured in welded aluminium and made in 3 sections for optimum strength, easy operation and easy reach. All systems are available in standard flat pack kits in a range of predetermined heights or if your application is outside the standard size range we can offer a fabricated system to suit. All ladders are provided with a full tread for increased safety.

Commercial Series

The Commercial Series pull down access ladder comes complete with smooth access panel, no visible screws or hinges, neat metal architrave, draft seal, perfect counter balancing, adjustable ladder with bottom step always the same distance off the floor as spacing from other steps.

This system is ideal to create safe access to the ceiling space for a storage facility, access to plant room, rooftop access, or easy access by maintenance personnel to air-conditioning units, etc. Easy installation in joist or truss type ceilings.



Fire-Rated Series

The latest addition to the commercial series is the Amboss Inferno-Boss access ladder. The Inferno-Boss has been tested and fire-rated to AS1530.4-2005 at 90/90. This model will accommodate ceiling heights up to 3000 mm. All ladders manufactured on a gradient, at 68° approximately with 400 mm wide treads and comes with a standard handrail.

Features

- All ladders manufactured from high grade aluminium
- Complies with the Australian Building Code
- Available for domestic, commercial and fire rated applications
- 140 - 400 kg load ratings
- Full treads for increased safety (a preference over rung type systems)
- Flat pack kit sets fully assembled or manufactured to suit
- Concealed hinges, draft sealed, smooth ceiling panel finish
- Height adjustable
- Trouble free spring balancing
- Additional items like handrails or grab rails can be supplied to suit



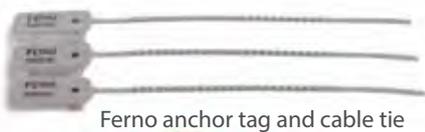
Roof Safety Signage

Safety Signage is an integral part of your safety in the workplace. Safe roof access is no exception to the rule and in certain applications safety signage may be required to appropriately warn personnel that a hazard exists. Ferno have provided a basic range of signage that can be selected for common place roof access and working at height hazards. All signs shown are standard 300 mm x 225 mm in size. All messages are non-reflective on a 1mm colour bond substrate provided in the colours shown. No fixings supplied



Installation Tools, Accessories and Hardware

Ferno also offers a convenient range of specialised tools, accessories and hardware.



Ferno anchor tag and cable tie



Fablok fixing

12 gauge hex head carbon steel screw, with 8 mm alloy body sleeve & neoprene washer



Sealing foam



Bulb tite rivets 8 mm (50 pk)



14 gauge x 65 mm timber screws (50 pk)



Gesipa Battery Riveter (supplied with battery & charger)

Gesipa Hand Riveter



Vertical Ladder Rail System

Checkrail is a multiple length rail system that is simple to install and suits new or existing ladders including single & multi-level ladder and platform access, marine, commercial & heavy industrial structures as well as wind industry applications. Checkrail includes a lightweight VR fall arrester trolley featuring a snag free, easy glide action complete with gravity and dynamic brake. The rail has an entry exit gate way for access mid-system.

The extruded alloy rail is designed with a 'T' slot in the back for easy alignment during installation and unlimited fixing along the entire rail section with optional end stops at top and bottom. With minimal system components and industrial anodised finish, Checkrail is a low maintenance, long-term solution ideal for aggressive environments.

Available in 4 m, 3.5 m, 2.5 m & 1.5 m. (rail weight 3.5 kg / m)
Standards: EN353-1 AS/ NZS 1891.3:1997.



VR Trolley with Absorber

T Bolt Rung Attachment

VR Easy Access Gate

Splice Join

Rail End Cap



Climb Safe Ladder System

Code HS-CS



Climb Safe is an innovative system that attaches onto existing and new ladders providing a continuous attachment point for ascending and descending. Simply attach the optional CS1000 cable runner with energy absorber to your safety harness and the user can move freely and safely up or down the ladder. Once installed the Climb Safe Ladder System is a permanent fixture with a top & bottom mount anchor and bracket.

Available in type 1 or type 2 versions in galvanised steel or full stainless steel for marine environments. Supplied in kit form with instructions ready for assembly.



Top mounted bracket with energy absorber

Cable tension system

Base of top mounted bracket

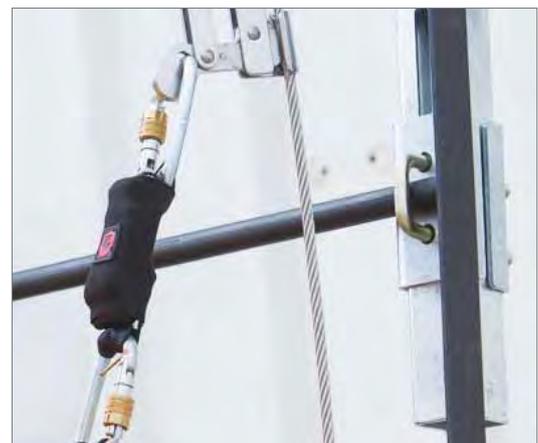


S/S Cable Runner for Ladder System



Code HS-CS1000 (8 mm) HS-CS2000 (10 mm)

The Hi-Safe stainless steel cable runners are available for 8 mm or 10 mm cable and provide snag and hands free ascending and descending allowing users a safer ladder climbing environment. Our runners can be removed from the cable allowing use on other ladder systems but remains locked onto the system when the karabiner is in place. The cable runner comes complete with a built in energy absorber & karabiners.



The HighStep Lift System

The HighStep Lift is a newly invented rail based climbing system that offers an innovative, automated or manual, ladder free method for ascending or descending buildings, pylons, masts, wind turbines even offshore rigging. The mechanical or automated Portable Climbing Gear can be moved from site to site substantially reducing costs. For security purposes the HighStep Rail is virtually impossible to climb without the Portable Climbing Gear. The system consists of 2 main components: The Rail and the Portable Climbing Gear.



Portable Climbing Gear

The **High Step Easy** is a portable mechanical two stepper platform that attach to the user's feet and to the Rail. It allows ascent or descent of the Rail like walking stairs; the user stays in an ergonomically upright position and can control the step height or can rest at any time. Each High Step Easy comes with a Protector Fall Arrester which attaches the harness to rail allowing a fluid gliding action that locks simultaneously in a fall. The High Step Easy can also be locked rigid to the rail providing a fixed anchor point.



The **High Step Lift** is the world's first portable and fully automated lift platform. It is light to handle and easily clips into the HighStep Rail. The High Step Lift works using re-chargeable batteries with one full charge reaching a potential height of 1000 m with a load of 150 kg. It can be remote controlled and transport goods as well as people.



The High Step Rail

The anodised aluminium rail is maintenance free and suitable for harsh environments. The compact and sleekly designed rail mounts directly to most structures minimising any disturbance to the aesthetic appearance of new or existing building configurations.



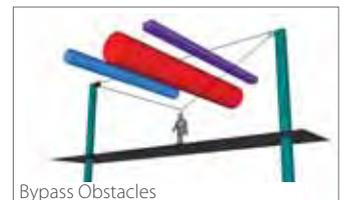
T-Line Safety System

The T-Line Safety System represents the next evolution in fall protection systems. It provides unrivalled user freedom of movement enabling hands free horizontal and vertical movement in combination with a built-in user retrieval mechanism.

Features

- Facilitates both horizontal and vertical movement
- Provides the ability to work around overhead obstructions, such as pipe lines, steel works even gantry cranes
- Each end can be mounted at different heights to accommodate sloping roofs etc.
- Can span up to 24m with minimal adjustment or 12 m with no tensioning or adjusting required
- Produces much lower forces on the supporting structure in the event of a fall allowing possible use on scaffolds **
- Eliminates possibility of a pendulum swing in the work plane
- Features an integrated rescue winch that allows user retrieval without having to gain access to the user
- Can be serviced and reused after a fall
- Offers reduced costs over the operational life of the device
- Easily installed, removed and relocated without the requirement for specialised installers
- Certified to EN360 and compliant with AS/NZS 1891.3

** Must be certified by an engineer, based on actual scaffold design.



Checkline II Structural Fix

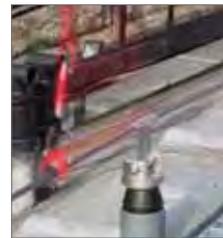
Checkline II Structural Fix System is packed with innovative features for increased functionality and simpler installation. The system adapts to most structural surfaces to ensure you're kept safe when working on exposed building edges, catwalks, servicing industrial plant or maintaining cranes. The system has an In-line Damper System (IDS) which absorbs dynamic loadings and allows correct tension during and after installation and adjusts to thermal expansion and contraction.

A new and revolutionary CheckLine Ball Trolley (CLB) is available in a fixed or removable version and provides simple and smooth transition through intermediate and corner brackets. The CLB is an ultra-compact, ball bearing design with swivel handle which keeps the device close to the cable centre stopping twisting and ensuring seamless and smooth bracket transitioning.

The Structural Fix system caters for various applications and structures where installation is required to concrete walls, brick structures, structural steel beams, plant decks & conveyer systems.



End Gateway



Intermediate Post



Removable & Fixed CLB



Corner Bracket

Checkline II Overhead Fix

Checkline II Overhead Fix Lifeline System is packed with innovative new features for increased functionality and simpler installation. The system combines the In-Line Damper System (IDS) which allows correct tension during and after installation, adapts to thermal expansion and absorbs dynamic loads.

The Overhead Fix system provides additional end anchorage brackets, multi positioning intermediate and corner brackets while allowing installation to a wider range of applications. The Overhead Fix has a unique Check Trolley which is a low friction roller trolley that can pass directly over intermediate brackets and travel freely around 90° corners. This provides a truly two dimensional system that caters for straight spans, corners and pitched internal roofs.



Check Trolley with Fall Block



Check Trolley



Checkline II TopFix Lifeline System

The Checkline II TopFix Lifeline System is packed with innovative new features for increased functionality and simpler installation. The TopFix System manages dynamic loadings and allows tension to be accurately measured during and after installation which is critical when installing on fragile structures or over long spans.

A new and revolutionary CheckLine Ball Trolley (CLB) is available in a fixed or removable version and provides simple and smooth transition through intermediate and corner brackets. The CLB is an ultra-compact, ball bearing design with swivel handle which keeps the device close to the cable centre stopping twisting and ensuring seamless and smooth bracket transitioning.



Load Cell



Intermediate Post



Removable & Fixed CLB



RetroGUARD™ Filling the gaps in safety

RetroGUARD™ safety panelling is retro fitted to existing and leading industrial handrails, platforms, stairs and walkways including Webforge™, Weldlock™, Monowills™, Locker™ and other dimensionally compatible brands. Installation is fast and safe with a unique patented bracket design which accommodates various panel styles and materials and allows installation from within the existing safety rails. RetroGUARD™ provides full coverage along the total length of your handrail system including the internal and external corners. Engineered for maximum safety, independently certified and adheres to Australian Standards.

Features

- Prevent injury from dropped objects falling through hand railing
- Prevent personnel from leaning through, standing or stepping onto the mid rail of safety barriers and handrails
- Promotes the required 3 points of contact during access and egress of stairs
- Installed entirely from inside existing safety barriers, platform and stairs without the requirement of working at heights
- Installed without welding or hot works.



RetroTREAD™ Minimise the gaps in your safety

RetroTREAD™ is a unique clamping and flooring system designed to clip to your existing grid mesh floor. It provides a flexible solution for fast and safe installation of safety flooring. Barrier Mesh is quickly secured to the RetroTREAD™ clip barricading areas above and below each platform level, preventing risk of injury from falling objects. RetroTREAD™ is ideal for areas and work sites that suffer from product spill and product overflow or have regular maintenance work scheduled.



RetroSTEP™ An extra step towards a safer workplace platform

RetroSTEP™ is quickly installed to your existing stairways, barricading areas above and below each set of stairs. Fast, affordable and easy to install RetroSTEP™ plays an integral part, when combined with RetroGUARD™ and RetroTREAD™ in preventing dropped object risks through open stairs and walkways. RetroSTEP™ is a great way to quickly improve plant safety without breaking the budget and is a great option for existing plants. The design of this safety riser ensures it fits firmly under the existing step.



Designing proprietary engineered fall protection systems is a calculated process and involves engineering databases that provide vital information on applied forces to structures and components that make up the system.

Proprietary engineered systems are made up of individual components that are traceable to sample testing in accordance to AS/NZS1891.2 and EN795C and as a complete system have a design database like the example shown to establish the design limitations, forces and fall clearances involved in a given application.

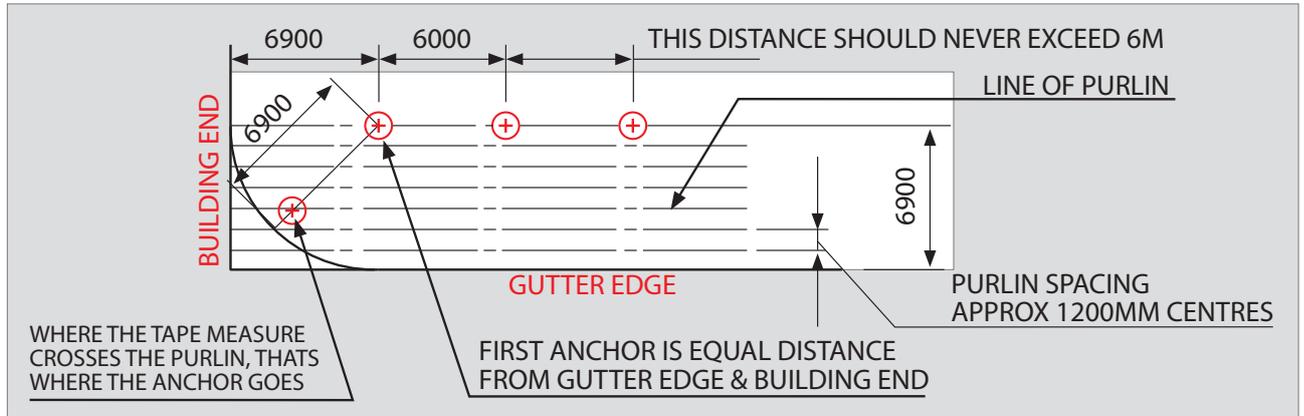


Figure 1 - Correct anchor spacing on the purlins

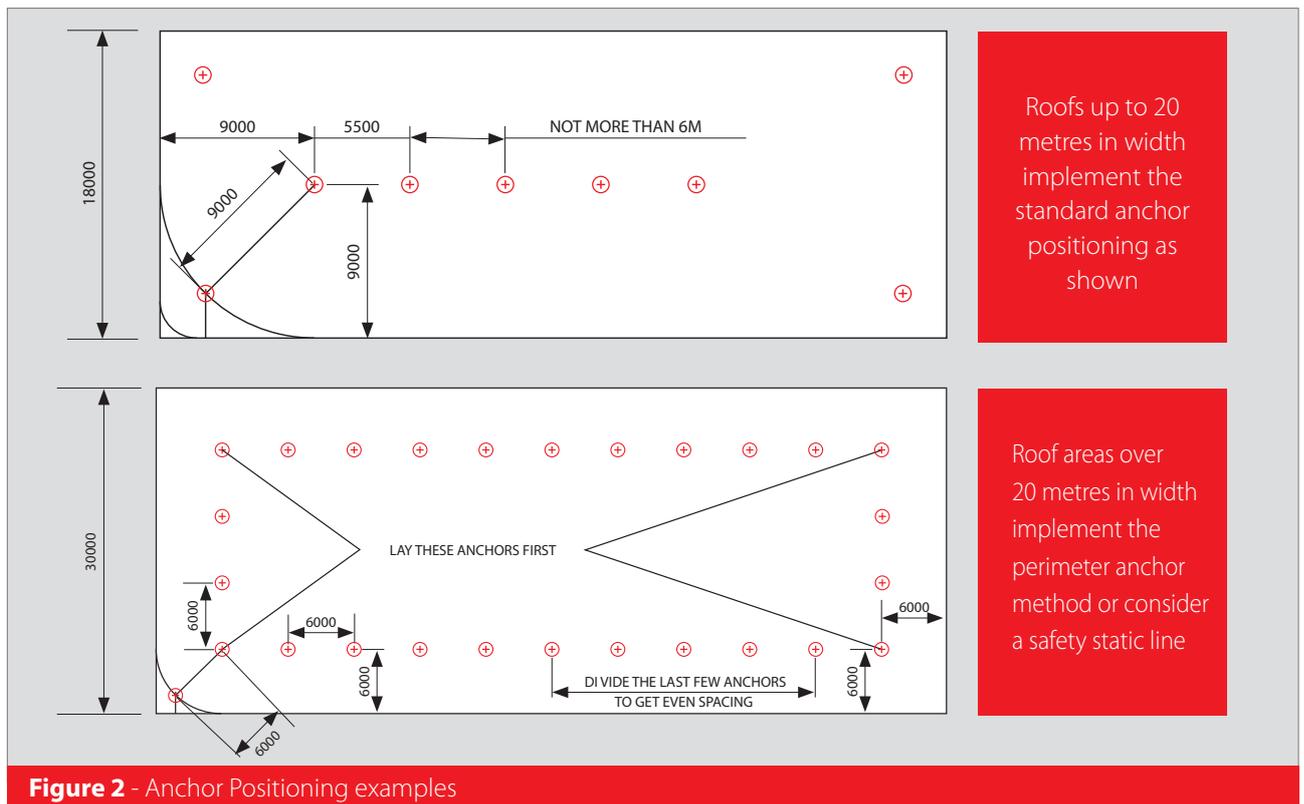


Figure 2 - Anchor Positioning examples

Emergency
Rescue
Height Safety
Roof Safety
Rock Climbing
Engineering

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