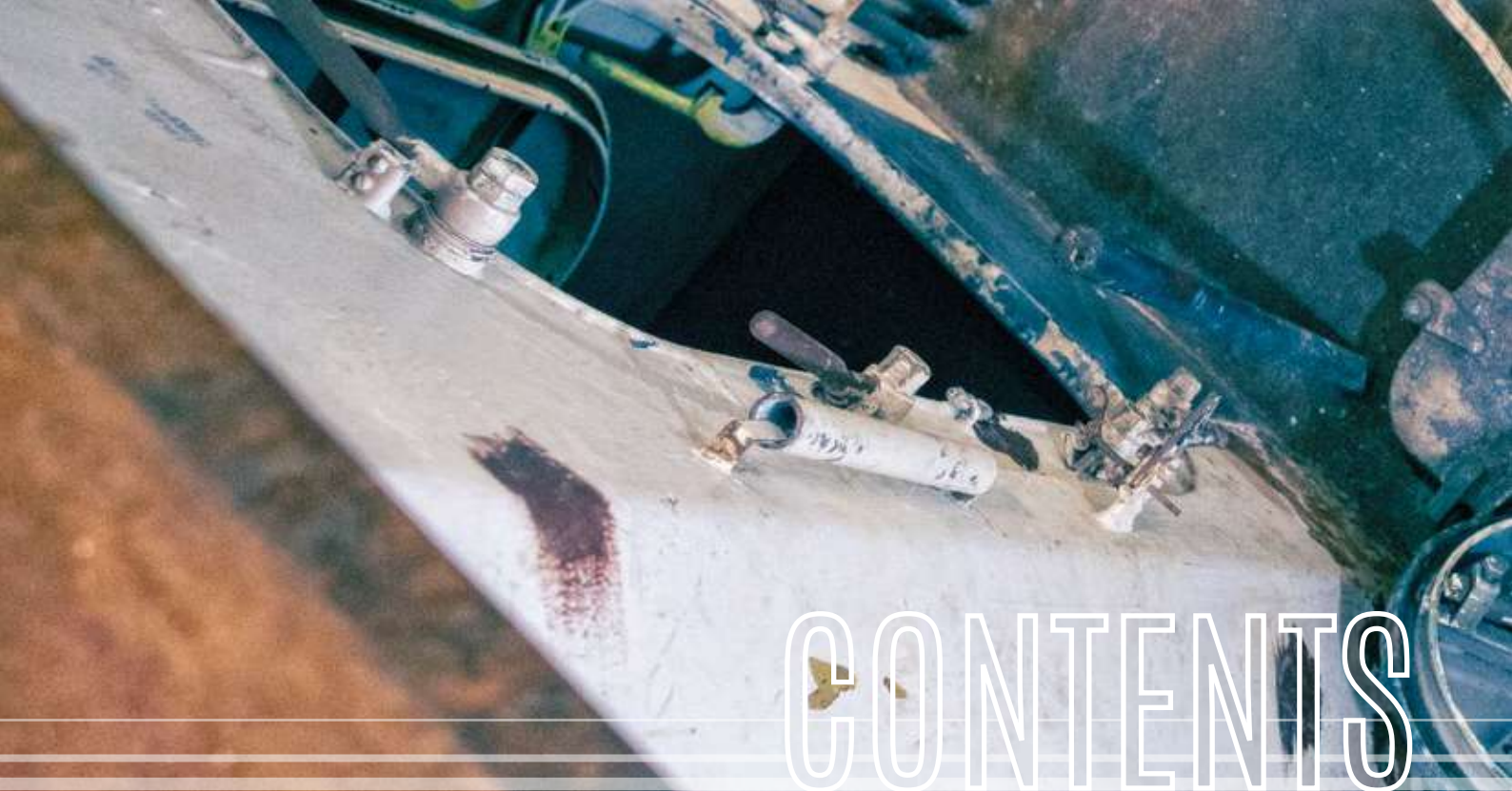


FERNO[®] **SAFETY** CATALOGUE

ANZ EDITION 8





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Photo Credit | Team Yes Ma'am - the inaugural multi-national, women's rescue team - competing at GRIMP North America 2022

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00580-V2B (AUG 2022)



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Ferno Ultralite X

Designed and manufactured in Australia, the Ferno ULTRALITE X full body harness offers superior comfort and vest-style donning. Its innovative cross-style design protects the wearer from potential internal injuries by evenly distributing the forces generated during a fall. Adjustable to a broad range of body shapes and sizes, the ULTRALITE X is also popular amongst female users.

The ULTRALITE X is suitable for a wide range of applications such as confined space access, EWP work, roof work and general industrial height safety in corrosive environments such as chemical plants, Oil & Gas, water utilities and offshore industries.



ULTRALITE (Standard) Harness

Features

- » Confined space attachment points
- » Vest-style donning is intuitive to wear
- » Breathable mesh makes the harness cooler to wear
- » Soft dorsal fall arrest attachment point
- » Non-metallic front fall arrest attachment loops
- » Shoulder strap adjustment buckles
- » Breathable leg pads enhance comfort
- » Adjustable leg straps with quick connect buckles
- » Certified to AS/NZS 1891.1:2020
- » Sizes: S/M, Standard & L/XL

Optional Features

- » Alloy or stainless steel hardware
- » Dorsal extension
- » Neoprene arc flash protection covers for hardware

Harness Models

VHI ULTRALITE SX	Standard harness with alloy hardware - Size S/M (VHI ULTRA SX S/M); Size L/XL (VHI ULTRA SX L/XL)
VHI ULTRALITE XSS	Standard harness with stainless steel hardware - Size S/M (VHI ULTRA XSS S/M); Size L/XL (VHI ULTRA XSS L/XL)
VHI ULTRALITE XD	Standard harness with dorsal and neoprene cover - Size S/M (VHI ULTRA X S/M D); Size L/XL (VHI ULTRA X L/XL D)

Ferno Challenge Pro Harness

The Challenge Pro's improved universal design makes it suitable for various applications including industrial height safety, EWP work, confined space access, rope access work, general rescue and high rope activities.

Designed and made in Australia, the Challenge Pro is available in two versions: as a standard full body harness, and one which includes a PFD.

The Challenge Pro with integrated PFD is suitable for applications working over or near water. This would include wharf workers, stevedores, air sea rescue, shipping and oil rigs.



Features

- » Confined space attachment points
- » Removable, reflective shoulder & back padding
- » Quick connect abdominal strap
- » Dorsal D fall arrest attachment point
- » Shoulder Strap adjustment buckles front and back
- » Adjustable waist/back support strap
- » Soft abdominal fall arrest attachment points
- » Padded leg straps with quick connect adjustment buckles
- » Gear Loops

- » Available in sizes XS, SM, ML and XL
- » Harness is certified to AS/NZS 1891.1:2020
- » PFD is certified to AS4758.1, ISO12402-3, ISO12401

Optional Features

- » PFD

NOTE: The Challenge Pro PFD is supplied with a separate CO₂ cartridge that should be installed immediately. As CO₂ cartridges need to be declared as a dangerous good for air freight, the Challenge Pro PFD will be delivered by road or rail.

Harness Models

VHI CHG PRO	Standard harness
VHI CHG PRO PFD	Standard harness with PFD

Ferno Centrepoint II

A favourite with Australian emergency services and rope access technicians, the Centrepoint II is a tried and proven workhorse that can be used in a multitude of applications.

Designed and made in Australia, the new Ferno Centrepoint II combines all the comfort, practical features and benefits of the original version with the addition of reflective support padding for exceptional visibility and safety when working in low light conditions.



Features

- » Confined space attachment points
- » Removable, reflective shoulder/back padding
- » Central front fall arrest attachment point
- » Abdominal attachment point for rescue and abseiling
- » Rear dorsal D fall arrest attachment point
- » Padded moisture-wicking lower back pad with gear loops
- » Pole strap attachment side D's

- » Waist and leg strap quick connect adjustable buckles
- » Padded leg straps with adjustable leg risers
- » Certified to AS/NZS 1891.1:2020
- » Available in sizes S, M and L. Conditions apply for XS and XL

Optional Features

- » Ascender
- » Lower hard connection point
- » Miner's battery and self-rescue strap

Harness Versions

VHI CEN FB 2	Centrepoint II harness
VHI CEN FB 2 A	Centrepoint II harness with Ascender
VHI CEN FB2 HC*	Centrepoint II harness with additional lower Hard D Connection
VHI CEN FB 2 (SIZE) SS	Centrepoint II harness with Stainless Steel Hardware
VHI CEN FB 2 BS	Centrepoint II harness with Battery & Self-Rescue Strap

RAT Harness

The Ferno Rope Access Technician's (RAT) harness is an affordable yet feature-rich multi-purpose harness. This newly designed harness makes it particularly suitable for confined space access, work positioning, fall arrest, industrial rope access and rescue scenarios.

Equipped with multiple anodised alloy attachment points, the Ferno RAT harness is also fully adjustable to comfortably fit a wide range of body shapes and sizes. Shoulder retrieval attachment points are self-levelling when deployed in a rescue.

Features

- » Confined space attachment points
- » Reflective webbing
- » Rear dorsal D ring for fall arrest attachment
- » Front chest D ring
- » Front abdominal/waist D ring
- » Quick connect shoulder strap for convenient donning
- » Quick connect adjustable, padded waist strap with side D's
- » Adjustable and padded leg straps
- » Certified to AS/NZS 1891.1:2020
- » Available in XS, S/M and L/XL

Harness Versions

VHI RAT	RAT Harness
VHI RAT A	RAT Harness with Ascender (not shown)



RAT LITE Harness VHI RAT LITE

The Ferno RAT LITE full body harness is a trimmed down version of the RAT Harness. This new addition is suitable for numerous applications such as recreation and adventure activities, ladder and roof work, rope activities and general height safety including confined space access.

Features

- » Confined space attachment points
- » Shoulder adjustment buckle
- » Dorsal fall arrest attachment point
- » Front chest D ring
- » Lower abdominal/waist D ring
- » Adjustable waist belt with side Ds
- » Adjustable leg straps
- » Certified to AS/NZS 1891.1:2020
- » Available in S/M and L/XL



Ferno Hot Works Harness

The Hot Works Harness is made entirely from industry-leading flame-retardant fire and cut-proof webbing.

For welders or hot work applications, this harness provides peace of mind along with a comfortable, form fitting harness that is certified to AS/NZS 1891.1:2020.

Available in Small/Medium and Large/Extra Large.

Harness Codes

VHI FH24 KEV S/M	Ferno Hot Works Harness - Small / Medium
VHI FH24 KEV L/XL	Ferno Hot Works Harness - Large / Extra Large



Ferno Hot Works Lanyard VAI EA KEVLAR

Manufactured in Australia and made from flame-retardant and cut-resistant aramid webbing, the Ferno Hot Works Lanyard is the ideal companion lanyard to the Ferno Hot Works harness and other hot works harnesses. The EA assembly is contained within a flame-resistant Indura® pouch. Certified to AS 1891.5:2020.

VAI EA KEVLAR DA	Single 2m Energy Absorber Lanyard with Double Action Hook / Double Action Hook
VAI EA KEVLAR 2M	Single 2m Energy Absorber Lanyard with Triple Lock Karabiner / Double Action Hook
VAI EA KEVLAR 1.5M	Single 1.5m Energy Absorber Lanyard with Triple Lock Karabiner / Double Action Scaffold Hook
VAI EA KEVLARTT1.8	Twin Tail 1.8m Energy Absorber Lanyard with Triple Lock Karabiner / DA Scaff Hook / DA Scaff Hook

Tradesman Harness VHI TRADE CSW

The Ferno Tradesman is a comfortable, multipurpose fall arrest harness. Supplied with stainless steel componentry as standard, the Tradesman is ideal for use in corrosive environments.

- » Front and rear fall arrest attachment points
- » Pole strap attachment points
- » Rear mesh panel shapes the harness ready for quick donning
- » Steel double-bar buckles for waist, chest and leg adjustments
- » Certified to AS/NZS 1891.1:2020
- » Available in S, M and L.
- » Conditions apply for XS and XL
- » Labelling/screen-printed mesh available - conditions apply



Ferno FH24 Harness

The FH24 is the entry level harness for Ferno. This price-point full body harness incorporates all mandatory safety features including confined space retrieval attachment points. Certified to AS/NZS 1891.1:2020 (Harness) and AS 1891.5:2020 (Lanyard).

- » Confined space attachment points
- » Dorsal D ring for fall arrest
- » Chest D ring for fall arrest
- » Adjustable chest strap
- » One size fits most

The FH24 is also available in application-specific Kits which includes other equipment bundled together for ready-to-go convenience:

- » **Economy Roofers' Kit**
- » **Construction Kit**
- » **Confined Space Kit**

Harness Models

HS-FH24-CS	Confined Space
HS-FH24-CS-L	Confined Space with permanent lanyard



Ferno Dielectric Harness VHI FH24DE



The Ferno Dielectric full body harness is specifically designed for workers operating in conditions where there are potential electrical hazards.

Special dielectric connection points and buckles are completely insulated electrically.

Economy Dielectric Harness

- » Insulated dorsal D ring, chest and leg strap quick connect buckles and adjustable shoulder strap buckles
- » Soft front fall arrest attachment loops
- » Dorsal extension strap
- » Available in S/M and L/XL

Ferno Tower 5 Harness

The Ferno Tower 5 full body harness is the tower harness of choice amongst Australia's leading Electrical Authorities. Proudly designed and manufactured by our Western Australian team, the Tower 5 features an exceptionally comfortable seat and lumbar support. The harness is designed to position the user in an upright posture to eliminate any 'tip back' sensation and to prevent back strain and fatigue.

Padded, breathable lumbar and leg padding provide paramount support and comfort while keeping the user cool and dry. Reflective, glow in the dark materials sewn into the lumbar support for exceptional night-time visibility and safety for the wearer.

Features

- » Padded seat with lumbar support for optimal positioning
- » Large, low-set pole strap attachment points
- » Rear, dorsal free fall arrest extension strap
- » Front fall arrest attachment points
- » Reflective and photo luminescent for extra safety in the dark
- » Quick connect, adjustable leg buckles
- » Rear gear loops
- » Alloy componentry
- » Neoprene covers on shoulder adjustment buckles
- » Certified to AS/NZS 1891.1:2020
- » Available in S, M and L. Conditions apply for XS and XL

Options

- » Additional Side Ds



Ferno Tower 5 Harness
VHI TOW 5



Ferno Tower 5 with additional Side Ds
VHI TOW 5 SD



Harness Models

VHI TOW 5 Tower 5 Harness with soft front attachment points

VHI TOW 5 SD Tower 5 Harness with soft front attachment points and additional Side Ds

Ferno Bosun Chairs



Standard Bosun Chair

Deluxe Bosun Chair

The Deluxe Bosun Chair is wider for varying size users and features adjustable arms and additional padding for extra comfort. Multiple gear loops - including a central under-seat loop for heavy gear, are located for stowing equipment safely. Reflective fabric provides additional safety for night use. Weight 1.95 kg.

The Standard Bosun Chair features a padded seat, adjustable arms and multiple gear loop attachments. It is priced for budget conscious users who still require the basic comforts. Weight 1.2 kg.

Bosun Chair Models

VAI BOSUN.1	Standard Bosun Chair
VAI BOSUN DLX	Deluxe Bosun Chair

Ferno Spreader Bar



Used in confined space situations and rescue scenarios. Attaches to confined space loops on harness shoulder straps.

- » AS/NZS1891.1:2020 certified.
- » Available with various hardware attachment points.

Spreader Bar Models

VAI SPREADER SHA	Spreader Bar with Small Hook (Alloy)
VAI SPREADER SHS	Spreader Bar with Small Hook (Steel)

CMC Rescue Radio Holster Harness CMC240027



This versatile holster enables a radio to be carried just about anywhere. The belt has loop slots for a conventional belt carry or loop through webbing for an over the shoulders carry.

Dual velcro straps allow the radio holster to fit on the shoulder strap of a pack or full bodied harness. CMC's unique universal fit radio pocket is easy to adjust and securely holds a wide range of radio models while allowing easy access to all knobs, front mounted keypads and displays.

Weight 85 g. Available in black. (PPE harness not included)

Etrier and Aider Four and Five Step

VAS ETRIER 4; VAS ETRIER 5; VAS AIDER 4; VAS AIDER 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.

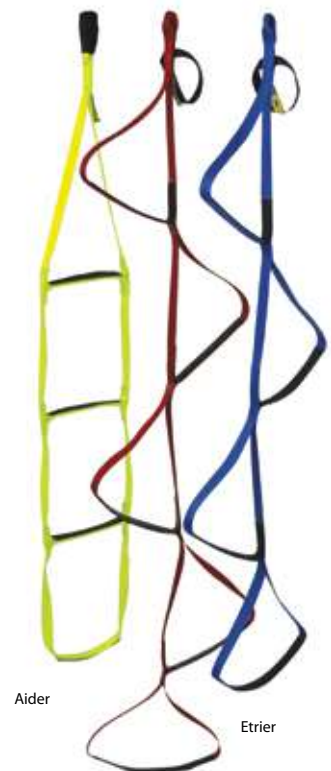
AIDER	RATING
Each Step	5 kN
Total	15 kN

ETRIER	RATING
Each Step	4 kN
Total	25 kN

Colours may vary from illustrated.



Stiffened tread for surer foot placement



Aider

Etrier

Ferno Rescue Personal Lanyard (PAL) 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.

RATINGS

Minimum Tensile Strength	10 kN Sewn Loop to Sewn Loop
Ring	240 kg WLL

Ferno Industrial Daisy Chain 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 of 18 kN.
- » Each unit comes with 12 x 60 mm attachment loops
- » Made from durable 25 mm flat polyester webbing
- » Each loop is rated to 4.5 kN.

Foot Loop VCT 7W124

The Foot Loop is an adjustable monotrier used to assist ascending a rope in combination with an ascender handle.

Not to be used as PPE.

Features

- » Made of robust polyamide
- » Steel buckle for rapid and easy length adjustment
- » Abrasion-resistant foot loop with rigid inserts and contoured for easy use
- » Equipped with a sling to keep the foot in position during the ascent.

Length	110 cm
Working Load Limit	150 kg



Ferno Harness Assist HS-SIS



Avoid the effects of suspension trauma with the Ferno Harness Assist suspension intolerance strap. Small, compact and easy to attach to a harness, the Harness Assist is:

- » Designed to effectively assist in relieving the negative effects of suspension trauma
- » Compact, lightweight and does not hamper the wearer's movement or activity
- » Allows the suspended worker to stand up while suspended, to relieve pressure while hanging
- » Easy to deploy



FALL ARREST LANYARDS

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 meet AS 1891.5:2020 and are designed to limit the force or shock load sustained in the event of a fall to under 6 kN. Rated for users weighing between 60 kg and 140 kg.



Ferno absorber lanyards are supplied standard with steel connectors, however alloy options are available by special request.



NON-ELASTICATED ABSORBER LANYARDS

1. Single Absorber Lanyard
2. Twin Absorber Lanyard (not shown)

ELASTICATED ABSORBER LANYARDS

1. Single Elasticated Absorber Lanyard (not shown)
2. Twin Elasticated Absorber Lanyard

CONNECTOR OPTIONS

1. Triple Locking Karabiner
2. Double Action Hook
3. Double Action Scaffold Hook

Note: Webbing colours are scheduled for an update and may differ from illustrated

CODE	LANYARD TYPE (Steel Connectors)	EXTENDED LENGTH	HARNESS CONNECTOR	TAIL #1 ANCHOR CONNECTOR	TAIL #2 ANCHOR CONNECTOR	GATE OPENING
VFM-LYS200	Single Non-Elasticated	2 m			N/A	19.1 mm / 19.1 mm
VFM-LYS220	Single Non-Elasticated	2 m			N/A	19.1 mm / 63.5 mm
VFM-LYS300	Single Non-Elasticated	2 m			N/A	20 mm / 20 mm
VFM-LYS200EL	Single Elasticated	2 m			N/A	19.1 mm / 19.1 mm
VFM-LYS300EL	Single Elasticated	2 m			N/A	20 mm / 20 mm
VFM-LYSTT300	Twin Non-Elasticated	1.6 m				20 mm / 20 mm / 20 mm
VFM-LYSTT230	Twin Non-Elasticated	1.6 m				19.1 mm / 20 mm / 20 mm
VFM-LYSTT220	Twin Non-Elasticated	1.6 m				19.1 mm / 63.5 mm / 63.5 mm
VFM-LYSTT300EL	Twin Elasticated	1.6 m				20 mm / 20 mm / 20 mm
VFM-LYSTT200EL	Twin Elasticated	1.6 m				19.1 mm / 19.1 mm / 19.1 mm
VFM-LYSTT220EL	Twin Elasticated	1.6 m				19.1 mm / 63.5 mm / 63.5 mm

FALL ARREST BLOCKS

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. Supplied standard with steel hardware. AS 1891.5:2020



VFM-SA20

Energy Absorber Models

VFM-SA10TL	Length: 50 cm	Triple Lock Karabiner / Triple Lock Karabiner
VFM-SA20	Length: 58 cm	D-Ring / Double Action Hook

Hi-Safe Micro Safe Hub

The Hi-Safe Micro Safe Hub is a light, compact palm-sized fall arrest block, rated for sharp-edge use with fall factor two certification and one of the quickest and shortest lock-on speed in its class. A simple SRL Connector system allows two Hi-Safe Micro Safe Hubs to link together creating a dual or twin-tail device. Both devices work independently and can be disconnected if required.

Complete with 2 metres of 21 mm Technora webbing that meets new AS/NZS light degradation requirements, sharp edge rated to a radius of 0.5 mm

Includes integrated energy absorber, triple action swivel karabiner with fall indicator and a separate alloy triplock karabiner (single Micro Safe Hubs only) for anchorage options

- » Conforms AS/NZS 1891.3, EN 360:2002, G11#11.060.
- » Hardware conforms ANSI Z 359.12-2009



Micro Safe Hub



Dual Micro Safe Hub

Code	MICRO SAFE HUB MODELS	Max Length	Webbing Width	Weight	Max Weight	MBS
HS-MIC02	Hi-Safe Micro Safe Hub	2 m	21 mm	0.9 kg	140 kg	15 kN
HS-MIC02-DUAL	Hi-Safe Micro Safe Hub - Dual Triplock	2 m	21 mm	1.7 kg	140 kg	15 kN
HS-MIC02-DUAL SCAF	Hi-Safe Micro Safe Hub - Dual Scaffold Hook	2 m	21 mm	2.65 kg	140 kg	15 kN

Hi-Safe Self Retracting Fall Blocks

The Hi-Safe Self Retracting Fall Blocks are available in a range of standard or sharp edge all with 4.8 mm galvanized steel wire. The standard blocks are for vertical use while the sharp edge blocks may be used both vertically or horizontally and are rated for sharp edges to a radius of 0.5 mm.

All blocks feature:

- » A comfortable carry handle that doubles as the attachment anchor point, a steel, swivel triple action karabiner with integral fall indicator plus a separate steel triple action karabiner for anchorage options
- » All blocks reduce dynamic loads to less than 6kN in the event of a fall. All blocks are fully serviceable and made of proprietary high impact Polymer that is near indestructible
- » **Sharp Edge blocks** conform to AS/NZS 1891.3, EN 360:2002, G11#11.060
- » **Standard blocks** conform to AS/NZS 1891.3, EN 360:2002. **Hardware** conforms to ANSI Z 359.12-2009



Code	FALL BLOCK MODELS	Max Length	Wire Ø	Weight	Max Weight VERTICAL	Max Weight HORIZONTAL	MBS
HS-FB3.5-SE	Hi-Safe Fall Block Sharp Edge	3.5 m	4.8 mm	2.7 kg	140 kg	100 kg	12 kN
HS-FB5-SE	Hi-Safe Fall Block Sharp Edge	5 m	4.8 mm	3.4 kg	140 kg	100 kg	12 kN
HS-FB10-SE	Hi-Safe Fall Block Sharp Edge	10 m	4.8 mm	4.4 kg	140 kg	100 kg	12 kN
HS-FB15	Hi-Safe Fall Block Standard	15 m	4.8 mm	6.7 kg	140 kg	N/A	12 kN
HS-FB20	Hi-Safe Fall Block Standard	20 m	4.8 mm	7.5 kg	140 kg	N/A	12 kN
HS-FB30	Hi-Safe Fall Block Standard	30 m	4.8 mm	13.1 kg	140 kg	N/A	12 kN

Adjustable Multi-Purpose Lanyard

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 a safe operating length depending on the work area. Certified to AS 1891.5:2020



Adjustable Multi-Purpose Lanyard Models

CODE	HARNES CONNECTOR / ANCHOR CONNECTOR
VAI ADJ EA FAL	Single Energy Absorbing (EA) Adjustable Multi-Purpose Lanyard with triple action karabiner
VAI EA ARL2A	Twin EA Adjustable Multi-Purpose Lanyard with triple action karabiners
VAI EA ARL2A HA	Twin EA Adjustable Multi-Purpose Lanyard with triple action karabiner and triple action hooks

Adjustable Rope Line

The Adjustable Rope Line is ideal for roof work and allows flexible work positioning via a steel rope adjuster with energy absorber.

Adjustable with a variety of steel connectors to secure to anchor point and harness. Available in 15 m, 20 m, 30 m and 50 m lengths. AS 1891.5:2020



Adjustable Rope Line Models

CODE	HARNES CONNECTOR / ANCHOR CONNECTOR
HS-ROPLAN H 3T	Triple Lock Karabiner / Double Action Hook
HS-ROPLAN T 3T	Triple Lock Karabiner / Triple Lock Karabiner

Rope Rat Positioning Strap

This work positioning lanyard or pole strap serves to provide a hands-free situation. The Rope Rat is constructed of 11mm Kernmantle rope with a "Rope-Rat" adjuster and protective sleeve. The adjuster is comfortable and ergonomic in the hand and provides smooth operation. The free end of the rope is sewn back to prevent the rope rat from detaching from the rope end. EN 358:2018



Rope Rat Positioning Strap Models

CODE	DESCRIPTION
VPP 90176 2M 09 PC	Rope Rat Positioning Lanyard - 2.8 m with Double Action Hook
VPP 90176 2.8M SH	Rope Rat Positioning Lanyard - 2.8 m with Double Action Scaffold Hook
VPP 90176 2M 09	Rope Rat Positioning Lanyard - 2 m with Triple Action Karabiner

Ferno Pole Strap

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

Pole straps are 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.

- » A buckle adjustment is offset from the attachment point for easy adjustment.
- » An optional D-ring attachment point can be supplied for rescue connection or hanging gear up to 50 kg.
- » Optional steel or alloy connection points are available.
- » AS 1891.5:2020 Standards approved.



Optional D-ring

TEMPORARY ANCHORS

Ferno Slings

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. These options make the Ferno Slings a versatile and handy adjunct for forming temporary anchor points.

Manufactured in Australia in accordance with AS/NZS 5532.



25 mm Round Sling



50 mm Flat Snake Sling

VSL R32KN	25 mm wide Round Sling (blue) - 32 kN MBS
VSL S30KN	50 mm wide Heavy Duty Flat Snake Sling (red) - 30 kN MBS

Tie-Off Adapters



Available in one or two metre lengths in one and two tonne holding capacity.

The Tie-Off Adapters are manufactured from very low stretch material with a soft finish to protect painted surfaces.

HS-AC100	1 m length / 1 Tonne (purple)
HS-AC200	2 m length / 2 Tonne (green)

'I' Beam Anchor Roller FWE-YAA005



Ferno's Roller Beam Anchors connect to a wide range of I and H beam flanges from 76 mm to 255 mm wide and up to 23 mm 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 use
- » To be used with a self-retracting lifeline or fall arrest lanyard only

Girth Hitch Sling VSL G30KN



The Girth Hitch Sling differs significantly in design and performance from other adjustable anchor straps. Its design allows 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 to allow the straps to be rigged in a girth hitch. Available in lengths from 30 cm to 2.5 m.

MBS	WLL
30 kN	375 kg

'I' Beam Anchors



FWE-YAA001



FWE-YAA003

Ferno Fixed I Beam Anchor connects to a wide range of I and H beam flanges. The two models vary in width capacity from 84 mm to 304 mm and up to 23 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 use. To be used with self-retracting lifeline or fall arrest lanyard only. EN 795.

CODE	RATING	CAPACITY
FWE-YAA001	15 kN	84 mm to 304 mm
FWE-YAA003	12 kN	125 mm to 300 mm

TEMPORARY ROOF ANCHORS

Ferno EDGElok™ Temporary Anchor FWEELE (EDGELOK) FWEELE-LEX (LARGE CLADDING INSERT)



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 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.

- » 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 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. Each ROOFlok has an individually engraved serial number.

- » 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
- » Lightweight, compact for moving from job to job
- » 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



TEMPORARY ROOF ANCHORS

Spyda Temporary Anchor Point* (CLAMP) (SCREW FIX)

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

Features

- » 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



CODE	MODEL	WEIGHT*	ARM LENGTH	TOTAL HEIGHT
SAY-AP145.20	Clamp	4.6 kg*	1270 mm	120 mm
SAY-AP145.10	Screw Fix	8.8 kg*	1270 mm	120 mm

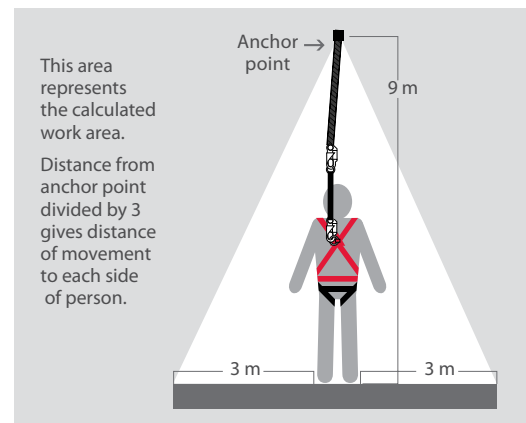
*Weight excludes fittings

ROOF SAFE HINTS

Calculating fall distances and clearances using traditional energy absorbing lanyard.

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.

PERMANENT ANCHORS



Ferno SURFACElok™ Permanent Anchor * 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.

Features

- » Supplied with ANCHORsafe Shock Limiter that swives 360 degrees for uninterrupted access
- » Also absorbs the shock load in the event of a fall
- » Compatible with 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
- » Meets the requirements of AS/NZS1891.4
- » Rated at 22 kN fall arrest



Ferno TOPlok™ Permanent Anchor * 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. 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

Roof Anchors

* 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.

ROOF ANCHOR FITMENT MATRIX

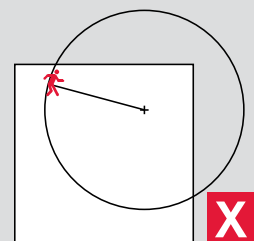
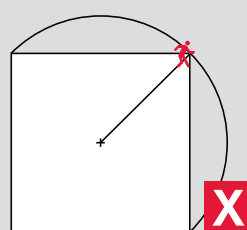
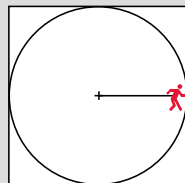
(Note this matrix is a guide for profile widths) **

Profile	Image	Manufacturer	Ridge Height (mm)	Space between Profile Ridges (mm)	Surfacelok	Rooflok	Toplok	Purinelok & RA10 Corrugated	Purinelok & RA10 Trim Deck	Purinelok & 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 305		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 installer to ensure the suitability of the roof structure's strength.

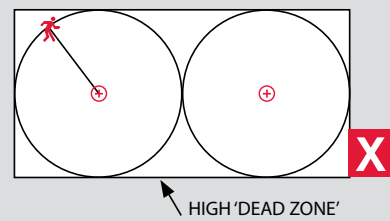
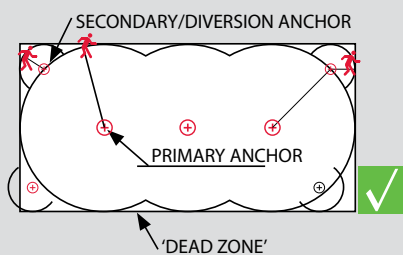
ANCHOR PLACEMENT / ROPE LENGTH

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 PURLINlok™ Permanent Anchor*

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. Each PURLINlok Anchor has an individually engraved serial number.

Features

- » Supplied with ANCHORSafe Shock Limiter
- » Swivels 360 degrees 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



*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.

FWEPL-CORR	Corrugated roof profile
FWEPL-TRIM	Trim Deck profile
FWEPL-FLAT	Flat profile



Hi-Safe RA10 Purlin Anchor

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
- » M12 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



HS-RA10 CORR	Corrugated roof profile
HS-RA10 TRIM	Trim Deck profile
HS-RA10 FLAT	Flat profile



Mechanical Concrete Anchor Kit

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

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
- » Rated at 21 kN



HEIGHT SAFETY KITS

Economy Roofer's Safety Kit



The Economy Roofer's Safety Kit has been tested in the field to meet the day-to-day height safety requirements of roof workers. All components have been carefully chosen for optimum durability and quality while keeping budgets in check.

QTY KIT CONTENTS

1	Hi-Safe FH24 Full Body Harness
1	15m of 11mm rope with sewn eyelet/steel DA hook and personal energy absorber with rope grab and triple lock karabiner

HS-DLER-RB-PN Economy Roofer's Safety Kit with Backpack

HS-DLER-CB Economy Roofer's Safety Kit with Grab Bag

HS-DLER Economy Roofer's Kit **without Harness** and packed in a VBI NCB-16 Ferno Kit Bag

Construction / EWP Kit

HS-DLC-RB



The Ferno Construction / EWP Kit is designed for limited movement applications such as elevated work platforms or general construction and maintenance.

The retractable lanyard with triple lock karabiners provides a safer workplace and minimises the chance of entanglement while working.

QTY KIT CONTENTS

1	Hi-Safe FH24 Full Body Harness
1	Hi-Safe MicroSafe Hub Retractable Lanyard with triplock karabiner
1	1500 mm Round Sling
1	Kit Bag

Tower Worker's Kit

VKIT TOWER



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

QTY KIT CONTENTS

1	Ferno Tower 5 Full Body Harness
1	Round Sling 25 mm x 1500 mm
1	Round Sling 25 mm x 1200 mm
1	Pole Strap 4 m length
1	Single Elasticised Absorber Lanyard 1.6 m length
2	Steel triplock Karabiners
1	All purpose Grab Bag

Pole Top Rescue Kit

VKIT POLE AS



The Pole Top Rescue Kit is supplied complete with all the equipment necessary to perform a rescue during electrical pole work. The kit conforms to many electrical authorities' requirements. Please note, electrical gauntlets are not provided. The container colour/style may vary from the photo, but will perform the same functions.

QTY KIT CONTENTS

1	Weather-resistant Fibreglass Container with user instructions
1	33 m Blue Rope with small eye and 2 x alloy double action hooks
1	Pole Belt
1	Pole Strap with D-ring
1	Tool Pouch plus a cable cutter and a blunt knife

Ferno Tower Rescue Kit VKIT-FTRK

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

QTY	KIT CONTENTS
1	65 m Rope with sewn eye and triplock karabiner
1	FDU100 Rescue Descender with triplock karabiner
1	50 mm x 1200 mm Anchor Sling
1	25 mm x 1200 mm Round sling
1	Rescue Knife with extender and 2 alloy triplock karabiners
1	Mechanical Advantage Retrieval System
1	Cervical Collar
1	Storage Backpack



D2 Escape Descender Kit VISC KT860A1-015

The D2 Escape Descender is a 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 rather than slow it down. Maximum descent length 120 m.

- » 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 and Certified EN12841, NFPA
- » Longer lengths or Technora rope is available on request.

QTY	KIT CONTENTS
1	D2 Descender
1	15 m of 8 mm Rope
2	Alloy screwgate karabiners
1	Anchor Sling
1	Bag



Temporary Horizontal Rope Anchorage Lifeline VKIT TEMP 25

The two-man temporary horizontal lifeline is quick and easy to install. Maximum 2-man use.

- » Two steel O-Rings for lanyard attachment on the line
- » Unique tension indicator for creating adequate tension in the line
- » Minimum breaking strength 25 kN
- » Whole system supplied in a carry bag designed to protect unused rope when installed
- » Conforms to EN795:2012 Type C and TS16415:2013 Type C (for up to two users)

SPECIFICATIONS	
Rope	16mm Kernmantle Rope
Tensioner Material	Galvanised Steel
Attachment Ends	End #1: Stitched Loop with Karabiner End #2: Tension Indicator with Karabiner
Anchorage	2 x Forged Galvanised Steel O-Rings
Min/Max Span	5 m to 25 m
Weight	8 kg ± 100 g



IndustriPOD®

The IndustriPOD® series tripods are well built, versatile and exceptionally strong. The heavy-duty design is suited for confined-space work and rescue where guaranteed performance is critical. For added versatility, IndustriPOD® is compatible with many of the Ferno Arachnipod Total Edge Management System accessories.

Common and Optional 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
- » Three tie-off points for rigging or stabilization
- » Optional heavy-duty rip-stop vinyl IndustriPOD carry bag
- » Optional hold-down stake for soft ground conditions
- » Optional foot step for easy access to tripod head
- » Optional equipment bracket
- » Optional fall arrest block adaptors



Standard IndustriPOD has a one-piece fabricated steel head with centre eyebolt and three 360kg side plate anchor points



The advanced IndustriPOD+ has a one-piece fabricated steel head with two integrated 70mm sheave pulleys and three 360kg side plate anchor points



Use your smart phone to scan and watch the new Standard Foot in action



Hold Down Stake
16-1046-0

Step
07-1026-0

Equipment Bracket
90-0119

Fall Arrest Block Adaptor
APOD-FBA

IK Fall Arrest Block Adaptor
90-0449

Heavy Duty Carry Bag
36-1019

Code	Description	Clearance	Overall Height (max)	Overall Height (collapsed)	Inside Diameter of Feet	SWL	Weight
FWE-INPOD	IndustriPOD	Ground to Eyebolt 227.5 cm / 89.5 in	246.6 cm 97 in	165 cm 65 in	218.5 cm 86 in	550 kg / 1212 lbs from Eyebolt 360 kg / 793.6 lbs from Side Plate	23 kg 50 lbs
FWE-INPOD+	IndustriPOD+	Ground to Head 227.5 cm / 89.5 in	256.6 cm 101 in	175 cm 69 in	218.5 cm 86 in	220 kg / 485 lbs Pulley over Leg 360 kg / 793.5 lbs from Side Plate	25 kg 55 lbs



Ferno Confined Space Kit

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

QTY	KIT CONTENTS
1	Ferno IndustriPOD or IndustriPOD+
1	Winch with 20 m of 4.8 mm galvanised steel cable
2	HS-FH24-CS Full Body Harnesses - Fully adjustable, multi-size fit. Front and rear fall arrest attachment points plus con space attachment points.
1	Ferno Spreader Bar - Attaches to confined space loops on harness shoulder straps. Certified to AS/NZS 1891.1:2020

HS-CSK Ferno Confined Space Kit with IndustriPOD

HS-CSK+ Ferno Confined Space Kit with IndustriPOD+



Ferno Winch APOD-WINCH20M

The Ferno Winch is a Type 2 winch for raising or lowering materials or a person into confined spaces.

With 20m of galvanised steel wire, the APOD-WINCH20M is compatible with the Ferno Arachnipod system, Industripod and Industripod+ tripods when used in conjunction with the APOD-FBA Block Adaptor.

- » Certified to EN1496
- » Certified to Machinery Directive 2006/42/EC
- » Requires the APOD-FBA block adaptor

Wire Type	Wire Length	WLL
4.8mm Galvanised Steel Wire Rope	20 m	Per EN 1496: 135 kg Per Machinery Directive 2006/42/EC: 250 kg



APOD-FBA Block Adaptor

Ferno Type 3 Rescue Recovery Block APOD-FAB25M

The APOD-FAB25M is a Type 3 block designed to arrest a fall and to hoist the victim to safety with the use of the block's inbuilt winch mechanism. For use when mounted on the Ferno Arachnipod, Industripod and Industripod Plus.

- » A Locking Pin on the side of the block casing allows this dual system to work in either Fall Arrest or Rescue Winch mode
- » Hydro seepage system to drain water during usage if required
- » Comes with a triple action swivel karabiner with fall arrest indicator
- » Certified to EN360:2002 and EN1496:2017 Class B
- » Requires the 90-0449 Block Adaptor

Wire Type	Wire Length	WLL	Working Parameters
4.5 mm Galvanised Steel Wire Rope	25 m	140 kg Vertical Use	Maximum permissible angle: 40° between the vertical and the lanyard



90-0449 IK Block Adaptor

The world's most versatile, modular edge management system

The Arachnipod is an artificial high directional device that provides operators with a variety of ways to safely manage all types of edges and voids where a fall from height may occur.

The Arachnipod is a modular system made up of a range of leg and foot styles, accessories and parts. The legs, feet and other components are combined to form various edge management devices from a simple tripod through to more technical gin or mono poles, A-frames and bridge systems.

Arachnipod is sold in a choice of core kits – from a Standard Tripod all the way up to the Total Edge Management System which has the capacity to manage the most technical and challenging industrial access or rescue scenario. Other kits and accessories are also available to either expand Arachnipod capabilities or to enhance work efficiencies and convenience.

The Arachnipod Advantage

1 Fast Set Up No assembly or joining multiple components together. The Arachnipod's telescoping legs are pre-assembled as a singular unit ready for immediate use. **All systems can be configured in under three minutes** enabling operators to progress with rigging and stabilisation tasks sooner.

2 Future Proofed Arachnipod's modularity and comprehensive range of kits and components means the **system can be expanded to suit changing needs and budget.**

Start with a basic Arachnipod unit and as your requirements or budgets grow, expand your system with additional kits or individual accessories.

3 Ultra Versatile Arachnipod tripods, quadpods and bridge systems can be completely dismantled allowing the individual legs to be combined with other components to build numerous edge management configurations. With Arachnipod, **one single device can be reconfigured to manage many scenarios and environments.**

4 User Friendly The Arachnipod was awarded a Design Mark by the Australian Design Council for its **innovative design which includes many user-friendly features.**

Fixing methods and hardware such as head and leg pins can be installed or removed with one hand. Fastening hardware is attached to legs and accessories ready for immediate deployment and to eliminate loss of crucial parts in the field. Components are sized and shaped for easy manipulation with gloved hands. Accessories like the Step enables convenient and efficient work flow with safe access to the system's head.

5 Cost Effective The Arachnipod's modularity, efficient set up and usefulness in multiple working environments makes it a cost effective tool. **Engineered for strength, the Arachnipod is designed and manufactured in Australia from quality materials and built to last.**

The Arachnipod is ideal for, but not limited to:

- Construction Industry
- Maintenance Services
- Urban Utility Services
- Power
- Telecommunications
- Mining
- Rescue and Emergency Services
- Film & Entertainment Industry

Arachnipod models are shown with the original Standard Foot but have been supplied with the new dual-function Standard Foot 2 since 2021.

Photo Credit: Lat'n'Long

STANDARD TRIPOD



APOD-STD

This kit will make:

- » Tripod
- » A-Frame (Rigging Plate required*)
- » Sideways A-Frame (Rigging Plate required*)
- » Handrail Recovery Monopole

* Optional Extra

ADVANTAGE TRIPOD



APOD-ADV

This kit will make:

- » Tripod
- » A-Frame (Rigging Plate required*)
- » Sideways A-Frame (Rigging Plate required*)
- » A-Frame with Lazy Leg (Reverse Head and Quad Plate required*)
- » Handrail Recovery Monopole

QUADPOD



APOD-QUAD

This kit will make:

- » Tripod
- » Quadpod (Quad Plate required, supplied)
- » A-Frame (Rigging Plate required*)
- » Sideways A-Frame (Rigging Plate required*)
- » Handrail Recovery Monopole

STANDARD BRIDGE (2, 3 OR 4M BRIDGE)



APOD-S2B / APOD-S3B / APOD-S4B

This kit will make:

- » Tripod
- » Quadpod (Quad Plate required, supplied)
- » A-Frame (Rigging Plate required, optional extra)
- » Sideways A-Frame (Rigging Plate required, optional extra)
- » Handrail Recovery Monopole
- » Bridge System

ADVANTAGE PLUS KIT



APOD-ADV+

This kit will make:

- » Tripod
- » A-Frame (Rigging Plate required, supplied)
- » Sideways A-Frame (Rigging Plate required, supplied)
- » A-Frame with Lazy Leg (Quad Plate and Reverse Head required, supplied)
- » Gin / Monopole (Lazy Leg and Gin Head required, supplied)
- » Handrail Recovery Monopole

TOTAL EDGE MANAGEMENT SYSTEM



APOD-TEMS (2M, 3M OR 4M BRIDGE)

This kit will make:

- » Tripod
- » A-Frame
- » Sideways A-Frame
- » A-Frame with Lazy Leg
- » Quadpod
- » Gin / Monopole
- » Handrail Recovery Monopole
- » Bridge System

ARACHNIPOD FOOT OPTIONS COVER ALL GROUND CONDITIONS



- 1 NEW Standard Foot 2 (90-0472) Dual function for smooth or rocky surfaces
- 2 Spike Foot (90-0120) Spike tip for rocky terrain. Rounded end to avoid damaging surfaces
- 3 Soft Ground Shoe(34-0032) Limits ground penetration on soft surfaces
- 4 Hold Down Stake (16-1046-0) is driven into the ground to prevent the Arachnipod from unwanted tipping or movement

ARACHNIPOD LEGS



Standard Leg
90-0108

Pulley Leg
90-0110

Lazy Leg Leg
90-0114



Owake – Masaya Volcano, Nicaragua



Arachnipod Accessories

Arachnipod boasts a generous range of accessories which are used to either aid the configuration of different edge management systems or to enhance operational efficiency. All Arachnipod components and accessories may be purchased individually, but for convenience are also bundled in kits. Not all accessories and kits are listed in this catalogue. To explore the full range, scan the QR code on the previous page, or visit www.ferno.com.au



Quad Plate (07-1027-0)

Used to form a quadpod or A-Frame with Lazy Leg.



Reverse Head (90-0121)

Used to form an A-Frame with Lazy Leg.



Gin Head 2 (03-1037-0)

Combines with a Lazy Leg to form a gin pole / monopod. Also usable as an anchor plate.



Lazy Leg Adaptor (APOD-LLA)

Converts a Lazy Leg to a Standard Leg.



Step (07-1026-0)

Attaches to the leg and used to access the head to adjust rigging without lowering the system.



APOD-FBA **90-0449**

Fall Arrest Block Adaptors

The APOD-FBA enables SALA Type 3 fall arrest block, Pelsue winches and other similar-shaped blocks to be attached to an Arachnipod leg. The APOD-IK works with an IKAR 12 m, 18 m or 24 m inertia reel.



Winch with Cable
(APOD-WINCH20M)

Winch with mount bracket and basic wind up/down mechanism. 4.8 mm galvanised steel cable. 20m length. Refer page 23.



Rescue & Recovery Block
(APOD-FAB25M)

Type 3 block is supplied with a bracket which mounts to the middle section of any supporting leg. 25 m length. Refer page 23.



Equipment Bracket (90-0119)

Attaches to a leg to provide an extra tie-off or anchor point. Arachnipod WLL reduces to 220 kg if a leg is used as an anchor.



Accessory Kits

Available in two sizes, The smaller kit provides essentials for configuring different systems. The larger kit provides additional foot options and equipment for total edge management.

ARACHNIPOD KIT	CODE	KIT CONTENTS / INCLUSIONS						
		Standard Leg	Pulley Leg	Lazy Leg Leg	Rope Tether	Storage Bag	Bridge 2, 3 or 4 m	Accessories
Standard Tripod	APOD-STD	2	1	-	1	1	-	
Advantage Tripod	APOD-ADV	1	1	1	1	1	-	• Lazy Leg Adaptor
Quadpod	APOD-QUAD	2	2	-	1	2	-	• Quad Plate
Standard Bridge	APOD-S*B	3	1	-	2	2	1	• Quad Plate
Advantage Plus Kit	APOD-ADV+	1	1	1	1	1	-	• Lazy Leg Adaptor • Advantage Accessory Kit
TEMS Kit (Total Edge Management System)	APOD-TEMS	2	1	1	2	3	1	• Lazy Leg Adaptor • Full Accessory Kit

Honor Davit Systems HSC-R010.235.100 (TWINSLLEEVE DAVIT)

The patented HONOR TwinSleeve® davit is a unique feature rich anchor device for people and loads. Light in weight with optional bases that are quick to assemble, the Honor TwinSleeve is ideal for fall arrest, confined space entry and rescue and retrieval.

The unique Twin Sleeve design allows both the boom and mast to rotate a full 360° and be adjusted in length and height to enable optimal positioning for the immediate work area. If required, two devices (fall arrest, man riding or rescue winch) can be connected alongside each other. Base options include the standard Spider® Mount, Vehicle Tow-Bar Mount, Wall Clamp and Fixed Floor Post in galvanised or stainless steel.

- EN 795:2012 Class-B
- US-Standard: Z359.14-2012-A

Max Height	Boom Reach	Rotation	Weight	Max Capacity
1950 mm - 2500 mm	620 mm - 900 mm	360°	22 kg (without optional base)	1 person (120 kg)



TwinSleeve Davit system with Tow-Bar Base Mount
HSC-R010.235.130



Galvanised or Stainless Steel Floor Adaptor
HSC-R010.235.110 (Galvanised)
HSC-R010.235.111 (Stainless Steel)



Honor TankClamp® Anchor VHO R010.210.020

The TankClamp can be used for safe entry and rescue operations in confined space for a range of structures including silos, water tanks, pits, beams, walls, etc. It provides a safeguard for workers in what is often a precarious and difficult vertical access point. For horizontal application two TankClamps can form a horizontal life line, or a third can be added to form a 90° angle. Weight 10.7 kg. Certified EN 795:2012 Class B, max. 2 workers.

Honor FlangeClamp® Anchor HSC-R010.210.030

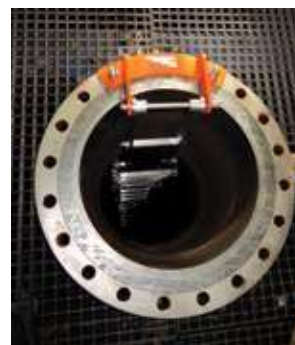


The FlangeClamp is used for horizontal manholes including ANSI & API 20 inch and 24 inch flanges. It is ideal where little working space is available around the flange and manhole.

Compatible with the Honor TankClamp and Rescue Slide, it provides a safeguard in the prevention of injuries in hazardous and problematic access points. Weight 6.5 kg.

Certified EN 795:2012 Class B. Max 2 workers.

Honor Hinged Hanging Ladder (1m)



A perfect pairing with the Honor Rescue Slide or Hanging Ladder FlangeClamp. Installation is external to the confined space and provides many advantages over rope ladders particularly in small diameter spaces. Additional sections can be connected to a maximum length of 30 metres. Each 1 metre aluminium ladder is 5 kg with a maximum one person use.

- » **HSC-R301-001-001** - Ladder
- » **HSC-R010-210-045** - HangLadder FlangeClamp
- » **HSC-R301-001-002** - Connector



Honor FAB Rescue

Honor make the world's premium quality rescue and retrieval blocks and winches. This multi-functional self-retracting block with integrated manual winch requires minimal force to lift or lower the worker/victim.

This block combines perfectly with the Honor Davit, TankClamp or FlangeClamp for confined space entry and rescue.

- » World-leading fall arrest capture times with very low kN forces in a fall
- » Premium design, high grade corrosion-resistant components
- » Long product life with low maintenance and downtime make this product a worthy investment
- » Certified to EN 360:2002, EN 1496:2006, EN 1808: 2010-11, MD2006/42/EC , ANSI Z359.14-2012-A



Code	Wire	Length	Weight	SWL
FAB15R-G	5 mm Galvanised	15 m	10.5 kg	150 kg
FAB33R-G	5 mm Galvanised	33 m	19.6 kg	140 kg

Honor FPED Auto Descender Fall Arrest Block

This multi-functional self-retracting block with integrated descent brake automatically lowers the user to the ground at a constant speed of 1.3 metres per second (100 kg) after the fall has been arrested. This item combines perfectly with the Honor Davit, TankClamp or FlangeClamp for confined space entry and rescue.

- » World leading fall arrest capture times with very low kN forces in a fall
- » Premium design, high-grade corrosion resistant components. Long product life with low maintenance and downtime makes for a worthy investment
- » Certified to EN 360:2002 and EN341:2011/1C. Z359.14-2012-A



Code	Wire	Length	Weight	SWL
FPED15-G	5 mm Galvanised	15 m	18.7 kg	150 kg
FPED33-G	5 mm Galvanised	33 m	20.9 kg	150 kg

Honor Manriding Winch

The Honor Manriding Winch lowers or hoists workers into confined spaces and for rescue-specific tasks.

It features a free wheel mode that allows cable to pay out freely with an integral secondary fall protection. This item combines perfectly with the Honor Davit for confined space entry and rescue.

- » World leading fall arrest capture times with very low kN forces in a fall. Premium design, high-grade corrosion resistant components
- » Long product life with low maintenance and downtime make this product a worthy investment
- » Certified to EN 1808 and Machine Directory 2006/42/EC



Code	Wire	Length	Weight	SWL
HSC-R010.015.100	5 mm Galvanised	15 m	11.5 kg	150 kg
HSC-R010.033.100	5 mm Galvanised	33 m	19.5 kg	150 kg

Ferno Evac Rescue Descent Kit

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 by turning the wheel, or with a hand drill to the centre hexagonal nut for faster ascent or descent reducing fatigue from manual operation. The Allstar is maintenance-free for 10 years when stored in its Seal-Pack.

Each kit contains 50 m of 9.6 mm kernmantle rope, MARK Allstar Hub, Ferno Res-Q-Link Recovery Pole, 1500mm round and snake sling, 50kN steel triplock karabiner, 100m standard rope bag.

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



MARK Allstar Hub



Res-Q-Link Recovery Pole

FWE2090

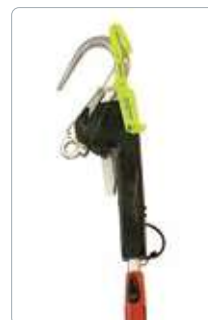


The Res-Q-Link is a unique and multi-functional rescue pole that allows a fast and agile means of encapsulating a suspended worker to the Recovery/Rescue System.

- » Large alloy double action hook compatible with most recovery systems and allowing two configurations to provide versatility when rescuing a fall victim
- » Extendable from 159 cm to 265 cm
- » Soft grip handle for maximum grip and control in long reach scenarios
- » Torch holder for low light scenarios which is compatible with most slim line torches (torch not included)
- » 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, knife in stored position



Large alloy hook with web cutting knife

The Rescue Genius

VAH-RG50



The Rescue Genius is a simple to set-up tool for creating mechanical advantage without the need for pulleys.

Clear markings on the device make it simple to use in a short-lift long-lower rescue system or it can be used to tension high lines or speed lines.

- » Supplied with a bungee tether to prevent drops
- » Easy set up for fast deployment and rescue
- » Mechanical Advantage between 3:1 and 4:1 depending on the type of descender/progress capture device used in the system



Scan to watch how the Rescue Genius works

Weight	Overall Length	WLL
600g	750mm	140kg

Ferno Fall Rescue Plan Kit FWE-FRPK

The Ferno Fall Rescue Plan Kit provides a simple, low cost rescue and retrieval system for anyone working at height or in confined spaces.

The Kit is supplied in a heavy duty rope bag, pre-assembled and ready to use with tried and proven components for any emergency rescue scenario. When extended, the 3 m rescue pole twists effortlessly in the hand allowing the wide opening attachment hook to easily attach to the victim to enable a swift recovery.

The Kit includes the RALF 3:1 Recovery System which incorporates an integrated brake system that locks/unlocks remotely and is used to raise or lower the victim to safety. Each Kit is supplied with 15m of working length 11 mm static rope as standard, with other customised lengths also available.

- » Pre-assembled, ready to use right out of the bag
- » Lightweight, easy to use 3 m rescue pole
- » Large wide gate opening hook for easy attachment
- » 250 kg maximum working load limit for 1 person working or 2 person rescue
- » Components certified to ANSI Z359:4:2007, EN 122278



Ferno Fall Plan Rescue Pole VPNI PN821N

When extended, the Fall Rescue Plan Pole twists effortlessly in the hand allowing the wide opening hook to easily attach to the victim to enable swift recovery.

Made from lightweight fibreglass complete with a safety lanyard to prevent accidental drop

- Maximum length: 3 metres
- Minimum length: 75 cm
- Scaffold hook weight: 480 g
- Gate opening: 60 mm
- Certified EN 362:2004 A/T, EN 12275:2013 K/T



CT Up You Go Rescue Kit

The Up You Go Rescue Kit provides a 4:1 or 5:1 mechanical advantage with an integrated auto and manual locking system. It's ideal for lift or lower rescue scenarios or for tensioning existing systems.

- 4:1 or 5:1 Mechanical Advantage
- Integrated auto and manual locking system
- Extremely compact
- Ball-mounted pulleys for minimal resistance
- Flexible sleeve net prevents rope twist
- One-hand manual unlock activation
- Supplied with two triplock karabiners
- Supplied with 8 mm EN 564 cord for 1 m length
- Supplied with 9 mm EN 1891-A rope for longer lengths



Code	Description	Weight	Rope Standard	Rope Diameter
VCT 2K11601	1 m Up You Go Rescue Kit	630 g	EN 564	8 mm
VCT 2K11602	2 m Up You Go Rescue Kit	790 g	EN 1891-A	9 mm
VCT 2K11605	5 m Up You Go Rescue Kit	1270 g	EN 1891-A	9 mm

HaulerBiner Rescue Kit



The HaulerBiner Rescue is a simple and compact mechanical advantage kit with some very unique features.

- » Mechanical advantage of 6:1 or 7:1
- » Progress capture cam with on/off position
- » Internal karabiner pulley wheels avoids jamming on mesh
- » Custom 6mm rope for grip, easy handling and strength
- » Can be worn on harness
- » Suitable for pick off rescue in work at height and rope access
- » Suitable for short haul tensioning
- » Easy to adjust stretcher orientation
- » Very compact with excellent max haul height.
- » Supplied in a two-pouch bag for easy deployment
- » Load rated to 140 kg with an MBS 16 kN/3596 lbs
- » Certified to EN12278, EN567

VISC HB105A	105 cm system
VISC HB165A	165 cm system
VISC HB300A	300 cm system

Ferno Confined Space Rescue Kit (CSRK)



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 with a heavy duty rope bag. Customised rope lengths available.

- » 250 kg maximum WLL - 1 person working or 2 persons rescue.
- » Components certified to ANSI Z359:4:2007, EN 12278.

FWE-CSRK	Confined Space Rescue Kit with Rope Bag
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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 of an accidental release of the rescuers rope. To cater for varying weights and rescue scenarios the RALF Rescue System is available with 5:1 or 3:1 mechanical systems.

- » 20 kg Minimum / 250 kg maximum WLL - 2 persons
- » Components certified to ANSI Z359:4:2007, EN 12278.

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



5:1 System

3:1 System

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 top rail provides exceptional strength in vertical haul or lowering operations and is comfortable to handle during extended periods. Patient compartment HDPE netting allows water and air to pass through yet the small holes prevent snagging on debris. Tested to and beyond a 1134 kg (11 kN) static load test threshold.

Common Key Features

- » Tested to and beyond a 1134 kg (11 kN) static threshold
- » StratLoad Attachment Points for secure bridle connection
- » Reinforced 25 mm top rail
- » Supplied with 4 steel double bar restraints
- » HDPE Netting allows water and air flow
- » Compatible with any Ferno tapered backboard
- » Tapered feature allows easier access in confined areas
- » Moulded, high density polyethylene back support
- » Vast array of accessories available to suit any rescue scenario

Split Version Key Features

- » Interlocked, pinless, bottom hinges
- » Integral top rail with threaded collets
- » Completely solid connection between the two parts
- » Assemble or disassemble in approximately 15 seconds
- » Engineered to nest together for storage when split



Stratload attachment point



FWETBT-SP (Split Version)



Patented 'Locsafe' triple safety system. Interlocking latching teeth. Integral threaded rail collars. Collar lock button






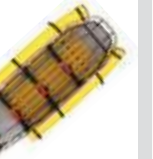








FWETBT (One-Piece)

Code	Description	Width	Length	Split Length	Depth	Split Depth	Weight*	Load Rating	Optional Lift Bridle	Optional Carry Bag
FWETBT	One-piece	58 cm	212 cm	N/A	18 cm	N/A	13.8 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
FWETB-SP	Split	60 cm	212 cm	116 cm	19 cm	25 cm	14.5 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387B

*Weights include patient restraints

Optional Accessories

<p>Ferno Adjustable Lifting Bridle</p>  <p>Karabiner attachment options for individual rescue requirements.</p>	<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>Ferno EARS Anti-Rotation Sail</p>  <p>Minimises basket rotation from helicopter downdrafts</p>	<p>Ferno Patient/Stretcher Cover</p>  <p>Protects, patient, bedding & equipment</p>	<p>Ferno Basket Patient Harness</p>  <p>Reduces patient movement during vertical lifts</p>	<p>CMC Rescue Stretcher Pack</p>  <p>Stores bridles, restraints plus more</p>	<p>Traverse Basket Backpack</p>  <p>Carries a split basket with room for other essential gear.</p>	<p>Ferno Tagline Set</p>  <p>Controls stretcher movement during hoist operation</p>

Traverse Gazelle Basket Stretcher

A light, disaster response stretcher that is ideal for industrial rescue organisations.

Its steel frame geometry and construction with HDPE netting provides impressive strength along with durability and versatility. The tubular runner rails that extend the full length provide a durable base that minimises stretcher damage. Flat carbon steel patient support bars extend down the length of the stretcher.

- » Tested to and beyond a 408 kg static threshold
- » Supplied with three steel double bar restraints
- » HDPE Netting allows water and air flow
- » Black powder coated all carbon steel frame construction
- » Tubular bottom runner rails
- » Standard version compatible with Ferno tapered backboard
- » Tapered feature allows easier access in confined areas

Ferno 71 Basket Stretchers

Constructed of a high density polyethylene shell supported by a permanently attached heavy-duty aluminium frame. Moulded-in runners and handholds make it easy to handle. Chemical, UV, rust and corrosion resistant. Replaceable mattress. Supplied standard with four two-piece quick release patient restraints.

The two-piece Split version has the same features as the one-piece but separates in half and nests together for compact storage or backpacking to a rescue site. Quickly re-assembled and secured with pins.

- » Brass grommets strategically located for quick use with the Ferno Adjustable Lifting Bridles.
- » A large number of accessories is available to suit any rescue scenario

FWETBG
(Standard)



FWETBGCS
(Con Space)



FWE71S (Split Version)



FWE71 (One-Piece)

Description	Code	Length	Width	Height	Weight*	Load Rating	Optional Lift Bridle	Optional Carry Bag
Ferno 71 - One-piece	FWE71	218 cm	61 cm	19 cm	13.5 kg	272 kg	BRB-TLB-TX11S or BRB-TLB-LTA	MCC387A
Ferno 71 - Split	FWE71S	218 cm	61 cm	19 cm	14.5 kg	272 kg	BRB-TLB-TX11S or BRB-TLB-LTA	MCC387B
Traverse Gazelle - Standard	FWETBG	210 cm	62 cm	18 cm	14.75 kg	408 kg	BRB-TLB or BRB-TLB-TL	MCC387A
Traverse Gazelle - Con Space	FWETBGCS	210 cm	46 cm	18 cm	14.25 kg	408 kg	BRB-TLB or BRB-TLB-TL	MCC387A

* Weight includes patient restraints and footplate where applicable

Ferno Adjustable Lifting Bridle

The Ferno Adjustable Lifting Bridle is available with a variety of steel karabiner options with small or large gate openings providing users the best option for their specific needs. Each of the four arms are adjustable and quickly set to length for individual rescue requirements. The bridles feature UV-resistant webbing rated at 2520 kg (25kN) with hardware wear-strips and tabs for identification of the adjustment buckles. All bridles have a working load limit of 315 kg.



Code	Description	Gate Opening	Weight	Compatible with
BRB-TLB	Steel Triple Lock Karabiner	25 mm	2.2 kg	Traverse & DHS Baskets
BRB-TLB-TL	Alloy Triple Lock Karabiner	26 mm	2.2 kg	Traverse & DHS Baskets
BRB-TLB-TX11S	Large Steel Screw Gate Karabiner	49 mm	2.7 kg	Traverse, DHS & Ferno Baskets
BRB-TLB-LTA	Large Steel Triple Lock Karabiner	44 mm	2.7 kg	Traverse, DHS & Ferno Baskets

Ferno Vertical Rescue Stretcher VRES STRETCH

The Ferno Vertical Rescue Stretcher's (VRS) roll-up, compact and lightweight design makes it ideal for high angle, confined space, horizontal or vertical rescue.

When deployed the wrap-around concept becomes rigid and gives the patient a feeling of security as well as protecting limbs and body from further injury during evacuation procedures. The Vertical Rescue Stretcher is fitted with many carry handles as well as six lifting slings that provide a good variety of options for transportation and lifting.

When not in use the VRS rolls up and is easily housed within the cordura storage bag which doubles as a backpack. Also available in military colours.

- » Constructed from internal high density polyethylene with a mixture of tough 1000 and 1680 denier Cordura with a heavy polyurethane coating
- » Integrated colour-coded full body restraint system including head, shoulder, groin and foot restraints
- » Generous foot strap to assist patient comfort and safety in vertical lifts
- » Six exterior restraint straps assist to wrap and secure the stretcher around the patient
- » Carry handles are built into the VRS and various round slings are included to provide users with many options for transport or evacuation lifting
- » For convenience and speed, an optional 6-point lifting bridle (BRB-VRS) is available



Length	Width Widest/Narrowest	Weight	Load Limit Horizontal	Load Limit Vertical
201 cm	82 cm / 45 cm	8 kg	350 kg	250 kg

Ferno VRS 6 Point Lift Bridle BRB-VRS

When you're on a mission and time is of the essence, the Ferno VRS 6-Point Lift Bridle will save rescuers valuable time while reducing the risk of possible error while under stress.

Designed specifically to fit the Vertical Rescue Stretcher, the bridle incorporates six adjustable, colour-coded sling arms which are clearly identified to ensure correct placement.

Supplied with steel triple lock karabiners. Rated to 25 kN.



Ferno TRS SKID VRES-SKID

The Ferno TRS Skid is designed to protect the Vertical Rescue Stretcher from damage when dragged over rocky terrain and provide additional patient protection.

The Ferno Vertical Rescue Stretcher underside is constructed with tough, abrasion-resistant 1680 denier Cordura. However, attaching the TRS Skid will reduce friction when dragging or manoeuvring the stretcher over rocky terrain. It also provides additional stiffening for greater patient protection and will prolong the life of the stretcher.

Made of high-density polyethylene resin that is resistant to shock and abrasion, the VRS Skid is designed for quick attachment and may be left on the stretcher for immediate deployment.

When fitted, the TRS Skid does not interfere with any of the functionality or features of the Vertical Rescue Stretcher.



Ferno XTRIC8 Rescue Sled FWE-XTRIC8



The Ferno XTRIC8 Rescue Sled is a versatile and cost-effective solution for universal rescues including water, mountain, confined space, vertical and horizontal lift operations.

The XTRIC8 (*pr. Extricate*) is a compact and durable system. Smart features incorporated into its design reduces the time and effort required to package patients or victims while offering traditional functionality and tactical evacuation methods in an intuitive and ready-to-use device.

- » XTRIC8 is supplied complete with the necessary hardware and slings
- » Includes an internal patient harness for maximum patient security during vertical lifts
- » Reflective external webbing for enhanced visibility in low light conditions
- » Restraints are pre-rigged for immediate deployment out of the bag
- » Robust carry bag with reflective accents, four generous exterior pockets and an adjustable backpack harness
- » XTRIC8 is intuitive to use and minimises user training
- » Durable, abrasion-resistant outer skin
- » Slides easily for safe and effective evacuation
- » Fast fluid egress for water rescue scenarios
- » Webbing straps and buckles are glove-friendly, and designed for efficient attachment and release

Specifications	Description
Kit Contents	XTRIC8 Rescue Sled with restraints (1); XTRIC8 Carry Bag (1); Large triplock karabiners (2); 4-Hole Rigging Plate (1); Maillon Rapide pre-rigged for vertical lifting (1); Lifting slings (2)
Load Limit - Horizontal	350 kg
Load Limit - Vertical	250 kg

Patient Lifting Sling VRES PAT LIFT+



Ideal for retrieval of victims trapped in locations where time is of the essence. Simple to apply and fully adjustable in confined and difficult situations. Seat and leg loops hold victim securely.

Vertical Rescue Triangular Harness VRES TRI HARN



A simple yet robust patient lifting sling designed for all forms of rapid vertical extrications. The harness is applied to the patient easily and quickly compared to full body rescue harnesses. The Vertical Rescue Triangular Harness secures the patient during a lift.

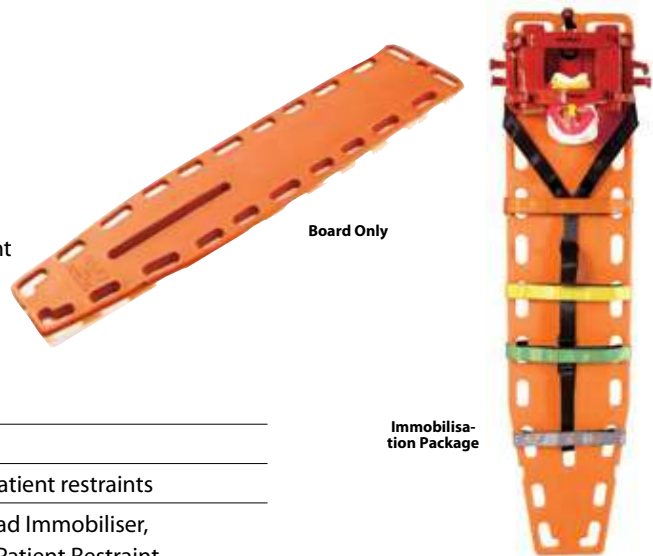
Not suitable for patients with suspected spinal injuries.

NAJO Lite

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.

- » A 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.



BSBN-L	Board Only - NAJO Lite Standard
BSBN-LP	Board Only - NAJO Lite with Pins
FWESBNSSEKIT	Base Package - NAJO Lite and three (3) patient restraints
FWE-NAJO-PA	Immobilisation Package - NAJO Lite, Head Immobiliser, Adjustable Wizlock Neck Collar, Faststrap Patient Restraint

Product	Code	Length (open)	Length (folded)	Length (max)	Width	Depth	Weight	Load Limit	Optional Case
NAJO Lite	BSBN-L / BSBN-LP	183 cm	N/A	183 cm	41 cm	4 cm	6.5 kg	204 kg	MCC-889

Ferno MCC-889 Universal Carry Case

Ferno backboard and scoop carry cases are made from heavy-duty vinyl and will provide years of service and protection for your valuable equipment.

The MCC-889 Universal Carry Case has a generous length and width allowing backboards and scoops to be stored so they are ready to use straight from the case.

- » Large oversized #10-sized zip provides easy access and removal of product
- » Three eyelets sewn into heavy-duty webbing provides the option to hang the case in either horizontal or vertical position
- » Features a discreet screen printing and simple carry handle



MCC-889 Universal Carry Case



Ferno F.R.E.D. FRED - ADULT-UF (UNFILLED)

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

- » Heavy-duty rip-stop UV resistant PVC material
- » Carry straps on shoulder and above knees
- » 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



Working at Height Range

An extremely tough manikin for work and rescue training at height. Ideal for wind turbines, telecommunications, emergency services, construction, cleaning and maintenance, pole top and tower rescues.

The manikins have greater trunk rigidity and reduced 'slumping' when in a harness. Anatomically correct weight distribution gives the 'feel' of an unconscious person. Webbing loop allows easy hauling into position. Can be dropped from 2 or 3 storeys with no damage. Waterproof and quick clean/drying features make these manikins suitable for training in wet or dry conditions. Includes coveralls and boots.



Code	Description	Height	Weight
LT-RLNWAH30	Light Adult	1.80 m	30 kg
LT-RLNWAH50	Adult	1.80 m	50 kg
LT-RLNWAH70	Heavy Adult	1.80 m	70 kg

Lifetec General Duty and Bariatric Range

The Lifetec General Duty Range are suitable for common dry rescue scenarios such as height, confined space, USAR, RTA and general handling exercises.

They are weighted to produce an anatomically correct weight distribution and the feel of an unconscious patient. These dummies are 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 greatly increase the lifespan of the dummy. For additional protection, all training dummies of 20 kg and over are supplied complete with gum boots. Also available with camouflage overalls.

The Lifetec Bariatric Dummy provides realistic alternative for bariatric retrieval practice. This is based around a 100 kg general purpose dummy with a further 5 layers over the top that enables the weight to slide from side to side.

Code	Description	Height	Weight
LT-RLN5	Baby training	0.69 m	5 kg
LT-RLN10	Toddler training	0.87 m	10 kg
LT-RLN20	Youth training	1.30 m	20 kg
LT-RLN20A	Very Light adult	1.80 m	20 kg
LT-RLN30	Light adult	1.80 m	30 kg
LT-RLN50	Standard adult	1.80 m	50 kg
LT-RLN70	Heavy adult	1.80 m	70 kg
LT-RLN90	Very heavy adult	1.80 m	90 kg
LT-RLNG180	Obese Adult	1.80 m	180 kg



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.

NFPA 1983, 2017 Edition: NFPA Rating for Pulley, Belay - General Use; NFPA Rating for Descent Control - Technical Use (11mm) and General Use (13 mm).

Code	Weight	MBS Pulley	Rope	Max Load
CMC333010	1200 g	49 kN	11 mm	272 kg
CMC333000	1200 g	49 kN	13 mm	272 kg



CMC CLUTCH

The multi-purpose Clutch was designed for intuitive, efficient operation, ease of use, optimal control and is suited to a multitude of rigging operations.

- » Single wearable tool for hauling, controlled lowering and descent, ascending and belaying
- » Stainless steel ratcheting and rotating sheave for efficient and audible progress capture
- » Rope loading/unloading is secured with an independent double-latched side plate
- » Anti-Panic brake and force limiting features ensure operational safety and overload protection
- » Aluminium chassis with stainless steel wear guards for lightweight durability
- » Integrated becket allows for direct connection of mechanical advantage systems
- » **11 mm Clutch:** General Use (G) NFPA 1983 (2017 ED); ANSI/ASSE Z359.4-2013; EN 12841:2006/C; EN 341:2011/2A; EN 15151-1:2012/8
- » **13 mm Clutch:** General Use (G) NFPA 1983 (2017 ED); ANSI/ASSE Z359.4-2013



Code	Rope Size	Weight	Dimensions	Max Load	Pulley MBS	Becket MBS
CMC335011 (GREY)	10.5 - 11 mm	836 g	208 x 112 x 47 mm	272 kg	40 kN	22kN
CMC335013 (RED)	12.5 - 13 mm	816 g	208 x 112 x 47 mm	272 kg	40 kN	22kN

Sparrow 200R Self Braking Descender VCT 2D664

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

Self-braking descender for rope access, evolution of the SPARROW 200 descender, developed for high workloads. It allows the operator to ascend, position and descend the working line.

Ideal in the event of an assisted lowering of two people with the device installed at the anchor point (the operator lowers the rescuer with the injured person) or in the event of a simultaneous descent of two people (the rescuer descends with the injured person).

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, 11 mm. The Sparrow was designed to be used in conjunction with the Easy Speed Fall Arrestor.

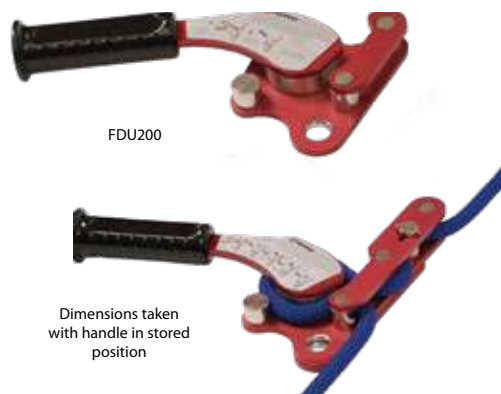
Weight 530 g Approved EN 12841:2006-C with WLL 210 kg. EN 341:2011-2A with WLL 200 kg with max descent height of 180 m.



Ferno FDU Double Stop Descent Device

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 an additional friction rack. Both models are suitable for rescue loads (2 persons) Extensively tested and certified to AS/NZS 4488.1:1997 with 11 mm rope.



Dimensions taken with handle in stored position

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

D4 Rescue Descender

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
- » Meets requirements ANSI Z359, NFPA 1983, EN12841 m

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

D5 Work/Rescue Descender

VISC RP885A1



The D5 is a double-stop device with an auto-lock function that 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 a 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 rope.

- » EN12841:2006/C approved low stretch kernmantle rope.
- » Meets requirements NFPA 1983 'G', ANSI Z359.4.2013

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

CT Easy Speed Fall Arrestor VCT 2F714

Compliant for vertical use and 0.5 mm sharp edge use with Patron PLUS 11 mm rope.

A proprietary adjustment lever enables two-position adjustment. The 'Go' position allows the device to ascend or descend freely and locks instantly with a fall. The 'Rest' position enables the device to be manually locked to minimise any potential fall. Compliant EN 353-2:2002, EN 12841:2006-A/B, RFU 11.075 incline / horizontal sharp edge 0.5 mm. Karabiner not included.

WLL Vertical	WLL Horizontal	Rope	Weight	Length	Width	Depth
140 kg*	120 kg**	10.5 - 11 mm	200 g	85 mm	70 mm	24 mm

- * 140 kg vertical to EN12841:2006-A/B when used with EN-1891-A 10.5 - 11 mm rope
- ** 140 kg vertical to EN 353-2:2002 when used with Patron Plus 11 mm rope
- *** 120 kg horizontal to RFU 11.075 when used with Patron Plus 11 mm rope





Photo credit: Squeegee Squad @ Grand Canyon Skywalk

CT Easy Access Fall Arrestor VCT 2F720



Designed to be positioned above the user to minimise any fall factor. It provides safe ascent and descent, instantly locking itself in a fall. A discreet lanyard allows the user to control descent and includes an automatic panic release system.

An additional hole allows the device to be unlocked under load. When used with the CT Link 30+, its workload is 250 kg making it ideal for two person rescue. Compliant EN 12841-A

Work Load	Weight	Rope Diameter
140 kg *	185 g	11 mm
* 140 kg workload with Link 20 - Link 40		
** 250 kg two person rescue workload when used with CT Link 30+		

RED Back up Device

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 cam's 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. EN 12841. Working Load Limit 240 kg, rated 2 persons.

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

Ferno Blacktail Descender FI-25-0868-001



The Ferno BlackTail is a heavy duty friction control device designed for abseiling and/or lowering heavy loads.

- Double stainless steel safety gates ensure the rope is captive at all times
- Alloy main body facilitates low heat dissipation
- In-line, variable friction device that does not twist rope
- Minimal moving parts, simple operation
- Certified to EN 341:2011/28

Dimensions	Weight	WLL	Rope
300 (L) x 26 (W) x 64 mm (H)	800 g	200 kg	8 - 13 mm

RAD Rope Adjustment Device

VISC RP815 (DEVICE ONLY); VISC K7815 2M (RAD KIT WITH DA HOOKS)



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 your choice of connectors) and a RAD Kit. Approved EN12841, EN 358, EN15151. Working Load Limit 200kg.

Rope	Length	Width	Depth	Weight
10.5 mm - 12.7 mm	109 mm	67 mm	34 mm	306 g

CT Quick Roll VCT 2D663SF (LEFT); VCT 2D663DF (RIGHT)

An innovative handle ascender with integrated pulley. The CT Quick Roll can be used in conjunction with a chest ascender or self-braking descender allowing for rope ascent or descent.

- » Ergonomic shaped handle offering greater efficiency when pulling and increased resistance to wear and tear
- » Patented, one-handed operation lever for unlocking the cam
- » New designed cam teeth minimises rope wear with effective ascending and rope blocking
- » Two main attachment points with a secondary attachment point and anti-inversion cam system
- » Approved EN 567:2013 (8–13 mm) and EN 12841:2006-B (10–13 mm)



Rope	Height	Width	Weight	WLL
8 mm - 13 mm	189 mm	93 mm	255 g	140 kg

CT Quick Up & Handled Ascenders

VCT 2D639S5 (LEFT); 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 and are padded with a textured rubber compound for a comfortable but firm, 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	WLL
8 mm - 13 mm	189 mm	93 mm	35 mm	215 g	140 kg

CT Quick Arbor Ascender VCT 2D653

Double handle ascender features a special "V" shape for easier and faster ascent and top protection cover to prevent insertion of branches. Large access suitable for use with gloves. A patented cam release system and lever is housed with the ascender body.



Approved EN 12841:2006-B

Rope	Length	Width	Weight	WLL
10 mm - 13 mm	220 mm	161 mm	500 g	140 kg

CT Chest Ascender+ VCT 2D640D0

This device 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	WLL
10 mm - 13 mm	106 mm	76mm	36 mm	147 g	140 kg

Quick Step Boot Ascender

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 8 mm - 13 mm rope, the Quick Step will grip on dirty or icy ropes. Not rated as PPE.



Weight	Height	Depth
165 g	65 mm	83 mm

ROPE GRABS

ISC Rope Grabs



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

VISC RP209A	10.5 - 13 mm Pip Pin
VISC RP203A	10.5 - 13 mm Fixed Axle
VISC RP205A	14 - 16 mm Pip Pin
VISC RP204A	14 - 16 mm Fixed Axle

ROPE GRABS

Blocker Rope Grab VAH-BRG01



The Blocker is a mid-line attachable rope grab/rope adjuster and is CE tested to EN353-2 for fall protection on flexible vertical lifelines and EN358 for work positioning lanyards.

H x W	Weight	Rope Ø
120 x 70 mm	170 g	10.5 - 13 mm

RG10 Rescue Grab VAH-RG10



The RG10 Rescue Grab is used as a mid-line attachable clamp device in rescue pulley systems. It is compatible with rope, webbing and wire cable lanyard/lifeline SRLs. It is **not intended** for use as a fall arrest grab on a vertical lifeline system.

H x W x D	Weight	Rope Lanyard	Webbing SRL W / Thickness	Wire Cable SRL
100 x 75 x 90 mm	375 g	8 - 16 mm	20 - 30 mm ≥ 1.5 mm	4 - 5 mm

Roll N Lock VCT 2D652



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. Sheaves open with spring operated catch for ascending or hauling. Sling width 10 - 16 mm. Approved EN 12278:2007. EN 567:1997.

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

Rocker Rope Grab VISC RP500A

The Rocker can be fitted to the rope at any point for hands free 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 Ø
168 g	115 mm	64 mm	10.5 mm - 12.7 mm

Rescue Figure 8 VCT L6170001 (ALLOY); VCT I61700PO (STAINLESS STEEL)

Available in alloy or stainless steel, the Rescue Figure 8 is ideal for rescue rappelling or lowering heavy loads.

EN 15151-2:2012 Type 2.

- » Break load 40 kN.
- » L 172 mm, W 172.
- » Weight 250 g (alloy), 543 g (S/S).
- » Twin/Half Rope - 7.8 - 9.1 mm
- » Single & Static Ropes - 8.7 - 13 mm



KNUCKL ROPE GRIPPER VAH-KNUCKL



Scan to see the Knuckl in action.
Click on the Video Tab on the web page

This lightweight rope-gripping device is designed to fit comfortably in the hand to increase grip, prevent rope burn and reduce fatigue when lifting, hauling or holding ropes in all sorts of applications.

- » Suitable for 8 mm - 13 mm diameter rope
- » Cleat-style V groove is rope friendly with no sharp teeth
- » Durable, non-corrosive glass filled nylon
- » Suitable for left or right-handed use, with or without gloves
- » Coiled lanyard extends from 40 - 120 cm for DROPS safety
- » Weighs only 30 g. Available in red.

Traverse 540 Rescue Belay

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 Competency Drop Test specifies a 1m drop onto 3 meters of kernmantle rescue rope with less than 1 meter of additional travel and less than 15 kN peak force. For a General Use rated device, a 280-kg load and a 12.5-mm rope are generally used. For a Technical Use device, a 200-kg load and an 11.1-mm rope are used.

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



R-ALF™ Locking Pulleys

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.

Code	Product	Weight	Height	Width	Depth	WLL	Standards
VISC RP430 ALF	ALF	1205 g	210 mm	139 mm	45 mm	140 kg	CE 0120, EN 360, ANSI Z359.1:2007
VISC RP431 R-ALF	R-ALF with becket	1243 g	240 mm	139 mm	45 mm	250 kg	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	Weight	Standards	Rope Ø
VISC RP704 (Single)	30 kN	660 g	EN567:97 NFPA 1983	10 mm - 13 mm
VISC RP705 (Double)	30 kN	904 g	EN567:97 NFPA 1983	10 mm - 13 mm



CT Up Lock Auto-Lock Pulley VCT 2P672

The UP LOCK is very compact and lightweight, auto lock, double pulley and pairs well with the UP ROLL pulley to create mechanical advantage systems for rigging, rescue and emergency work.

It is equipped with a freelock system which allows the user to quickly unlock or lock the cam with one gloved hand. Ball bearing mounted pulleys offers excellent rolling resistance. Strength with weight efficiencies are gained via anodised light alloy side plates and pulleys with a cast stainless steel cam. Approved EN 12278:2007, EN 567:2013.



WLL	BLL	Weight	Rope Ø
6 kN	30 kN	175 g	8 - 11 mm EN 892 or EN 1891 rope or 8mm EN 564 cord

CT Up Roll Pulley VCT 2P671

The double pulley Up Roll is designed to pair with the Up Lock Auto Lock Pulley to create mechanical advantage systems.

Ball bearing mounted pulleys provide excellent rolling movement. Strength with weight efficiencies are gained via anodised light alloy side plates and pulleys with a cast stainless steel cam.

Approved EN 12278:2007, EN 567:2013.



WLL	BLL	Weight	Rope Ø
6 kN	30 kN	115 g	8 - 11 mm EN 892 or EN 1891 rope or 8mm EN 564 cord



CMC ProSwivel Pulley S/S CMC300430

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.

MBS	Weight	Sheave Ø	Sheave Width	NFPA Rating
36 kN	331 g	38 mm	13 mm	General use



CMC ProSwivel Double Pulley CMC300432

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.

MBS	Weight	Sheave Ø	Sheave Width	NFPA Rating
36 kN	415 g	38 mm	13 mm	General use



Kootenay Ultra Pulley CMC300391

A functional and versatile knot-passing and high-strength tie-off pulley. The rigging holes allow for optimum separation of tag lines and hoist ropes for reeving variations.

A greater spread between hoist pulleys reduces the chance of spinning of the load. Separate rigging holes for easy rigging and prevents karabiners binding against each other. The integrated sheave-lock pin inserts from the stowed axle position. Anodized aluminium sheave with sealed ball bearings for long wear and high efficiency.

MBS	Weight	Sheave Tread	NFPA Rating
44 kN	709 g	57 mm x 64 mm	General use



CT Grizzly Heavy Duty Pulley VCT 2P658

The heavy duty Grizzly Pulley handles high loads up to 80 kN and is ideal for tree felling.

It has a simple but safe opening system that prevents accidental opening during use but allows a full 90° rotation of the side plate. Aluminium pulleys, flanges with steel axles and self-lubricating bushings provide strength with weight efficiencies. Not for use as PPE.

WLL	BLL	Weight	Length	Width	Rope Ø
16 kN	80 kN	880 g	185 mm	95 mm	± 15 mm



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. CE EN12278-2007, NFPA 1983

Code	Alloy Plate with Alloy Wheel	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

Code	Stainless Steel with S/Steel	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	50 kN	16 mm	75 mm	896 g
VISC RP067D1	Large Double Becket	50 kN	16 mm	75 mm	1626 g



Stainless Steel

CT Dual Light Double Pulley VCT 2P668

An innovative light alloy double pulley with fixed side plates developed for the re-direction of two ropes during work manoeuvres. Each pulley has a large connection eyelet, mounted on self-lubricating bushings. Approved EN 12278:2007

WLL	BLL	Weight	Length	Width	Depth	Rope Ø
5 kN	30 kN	123 g	73 mm	49 mm	52 mm	≤ 13 mm



CT Duetto Twin PULLEY VCT 2P654

Originally designed for Tyrolean traverses making it suitable for rescue, water crossings, mountaineering, caving rock and technical tree climbing. A lightweight alloy twin pulley with fixed side plates, stainless steel sheaves and ball bearings for easy manoeuvring on rope and cable. Approved EN 12278:2007

WLL	BLL	Weight	Length	Width	Depth	Rope Ø	Cable Ø
10 kN	25 kN	290 g	100 mm	80 mm	33 mm	≤ 13 mm	≤ 12 mm



CT Orbiter F Single FIXED Pulley VCT 2P663



Pulley with fixed side plates and large connector eyelet. Designed for hauling systems and load deviations. Anodised alloy design with self-lubricating bushings. Approved EN 12278:2007

CT Orbiter M Single Pulley Small 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

CT Orbiter S Single Pulley 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

Code	Product	Rope	Length	Width	Depth	Weight	MBS	WLL
VCT 2P663	Orbiter F Single Fixed Pulley	≤13 mm	85 mm	48 mm	29 mm	100 g	30 kN	5 kN
VCT 2P664	Orbiter M Single Pulley Small	≤13 mm	73 mm	48 mm	29 mm	90 g	30 kN	5 kN
VCT 2P660	Orbiter S Single Pulley	≤13 mm	110 mm	70 mm	32 mm	180 g	32 kN	8 kN

CT Orbiter D Single Pulley with Becket

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

CT Orbiter A Single Pulley

VCT 2P665



An innovative pulley with mobile light alloy side plates. Designed to increase the efficiency of the friction knot in tree climbing applications. Two connecting holes keep the connectors correctly aligned, avoiding torsion and side loads. Sheaves mounted on self-lubricating bushings. Approved EN 12278:2007.

CT Orbiter T Twin Pulley with Becket

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

CT Orbiter L Triple Pulley

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



Orbiter L Triple Pulley

Orbiter H Triple Pulley with Becket

CT Orbiter H Triple Pulley with Becket

VCT 2P667

Triple pulley with mobile side plates and becket. Provision for two connectors through the upper eyelet and additional attachment point suitable for a single connector. 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

Code	Product	Rope	Length	Width	Depth	Weight	MBS	WLL
VCT 2P661	Orbiter D Single Pulley with Becket	≤13 mm	140 mm	70 mm	32 mm	215 g	32 kN	8 kN
VCT 2P665	Orbiter A Single Pulley	≤13 mm	71 mm	58 mm	32 mm	104 g	30 kN	5 kN
VCT 2P662	Orbiter T Twin Pulley with Becket	≤13 mm	137 mm	70 mm	78 mm	310 g	50 kN	12 kN
VCT 2P666	Orbiter L Triple Pulley	≤13 mm	108 mm	70 mm	78 mm	445 g	45 kN	12 kN
VCT 2P667	Orbiter H Triple Pulley with Becket	≤13 mm	139 mm	70 mm	78 mm	465 g	45 kN	12 kN

Anchor Plates



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.

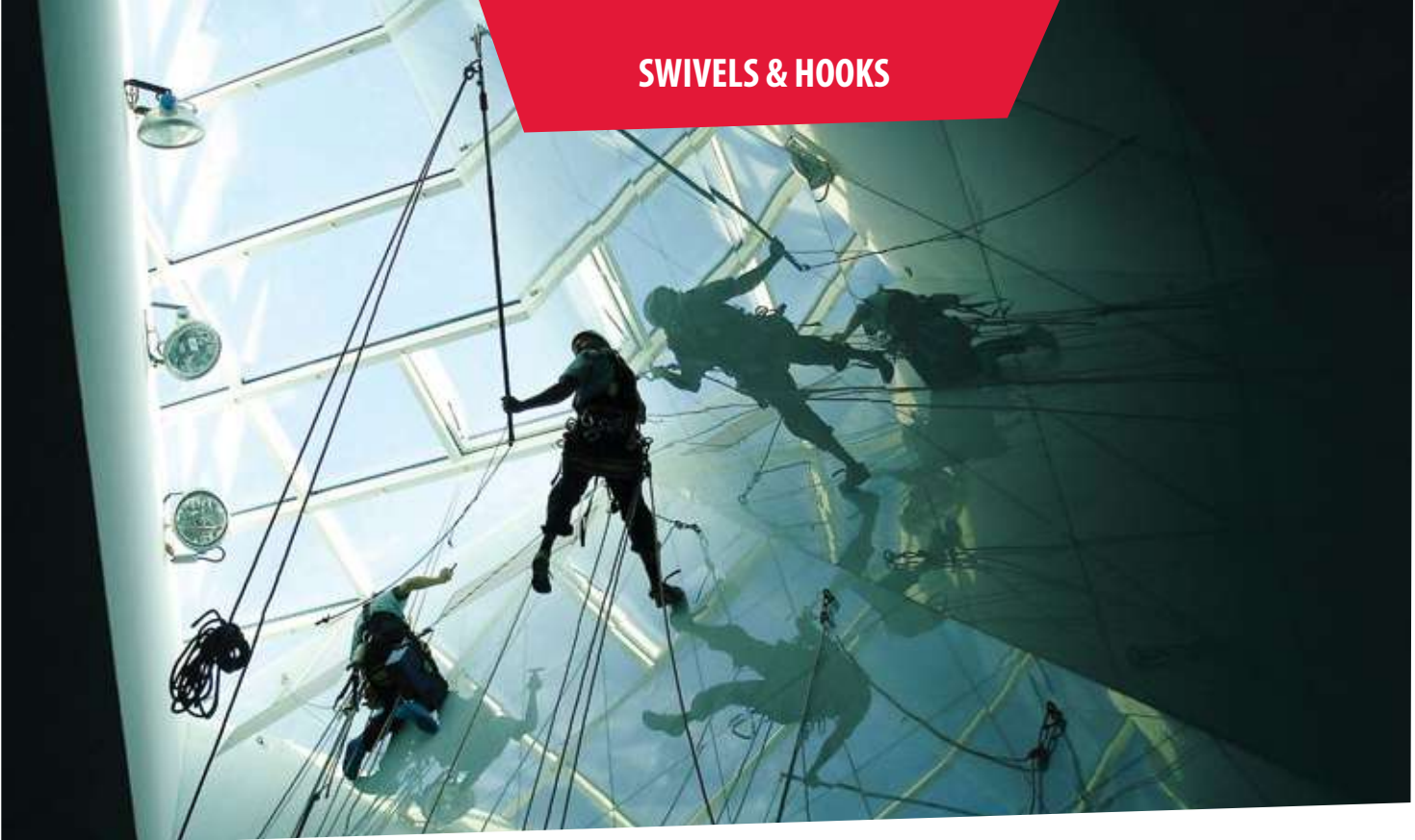
HALO Rigging Plates



HALO Rigging Plates form part of a compatible system and were developed to match the ratings on karabiners and Prussik pulleys at 40kN, 50kN and 70kN. Each plate is manufactured from aerospace grade aluminium and features uniquely shaped apertures which allow for loading with multiple karabiners simultaneously.

Code	ANCHOR PLATE	Length	Width	Weight	Break Load	Hole Diameter	WLL
VCT L6370303	4 Hole	103 mm	81 mm	75 g	30 kN	19.5 mm	6 kN
VCT L6370503	8 Holes	149 mm	98 mm	160 g	40 kN	19.5 mm	8 kN
VISC RP320A	15 Holes	249 mm	150 mm	471 g	45 kN	20 mm	450 kg

Code	HALO RIGGING PLATE	Diameter	Centre Hole Diameter	External Hole	Break Load	Weight
VISC RP302	Halo Small	115 mm	29 mm	27 mm x 20 mm	40 kN	118 g
VISC RP303	Halo Medium	144 mm	39 mm	36 mm x 24 mm	50 kN	221 g
VISC RP304	Halo Large	165 mm	52 mm	39 mm x 25 mm	70 kN	377 g



Alloy Swivel

Twister VCT 2D793

Twirl VCT L7950003



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.

Alloy Scaffold Hook Double Action

VCT L3536201

A lightweight hook with a large 60 mm gate opening. Ideal for large anchor points. Easy handling with gloves.



Alloy Scaffold Hook Triplock

VUSA S-2500T

A lightweight, triplock, self locking hook with a large 60 mm gate opening and 30 mm attachment point.



Alloy Hook Swivel

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.



Alloy Hook Double Action

VCT 2C37300

Lightweight and durable with a stainless steel insert for wear proof use on wire cable. Easy handling with gloves.



Alloy Hook Triplock

VISC SH907A

The SH907 Snaphook is a triple action hook for increased safety and features a keylock anti-snag nose.



Steel / Stainless Steel Fireman's Karabiner

VISC KH307SSP1 (STEEL TRIPLOCK); VISC KH307SSP3 (S/S TRIPLOCK)
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.

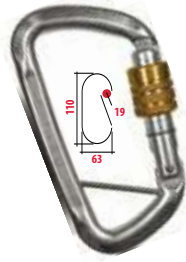


Code	Description	Weight	Break Load	WLL	Dimensions L x W (mm)	Gate Opening
VCT L7950003	Alloy Swivel - Twirl	170 g	36 kN	7 kN	116 x 53 mm	N/A
VCT 2D793	Alloy Swivel - Twister	80 g	24 kN	5 kN	84 x 43 mm	N/A
VISC SH905	Alloy Hook Swivel - 3 Way	200 g	27 kN		195 x 70 mm	22 mm
VISC SH907A	Alloy Hook - Triple Action	153 g	28 kN		141 x 72 mm	23 mm
VCT L3536201	Alloy Scaffold Hook - DA	455 g	25 kN		253 x 110 mm	60 mm
VISC KH307SSP1	Fireman's - Steel Triplock	366 g	40 kN		178 x 94 mm	44 mm
VISC KH307SGP1	Fireman's - Steel Screw Gate	366 g	40 kN		178 x 94 mm	49 mm
VISC KH307SSP3	Fireman's - S/S Triplock	400 g	40 kN		173 x 95 mm	48 mm
VUSA S-2500T	Alloy Scaffold Hook - Triplock	503 g	23 kN		253 x 124 mm	60 mm
VCT 2C37300	Alloy Hook Double Action	127 g	30 kN		135 x 71 mm	25 mm

Steel Screw Gate

VCT A428T0Z0

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



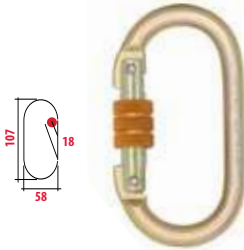
Supplied with individual serial numbers.

Weight			
178 g	50 kN	15 kN	15 kN

Steel Screw Gate

VPNI PN112

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



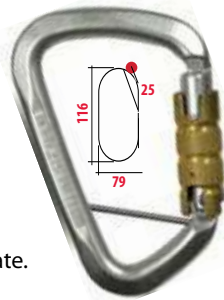
Supplied with individual serial numbers.

Weight	
160 g	25 kN

Steel Triplock

VCT A595TBBZ0

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.



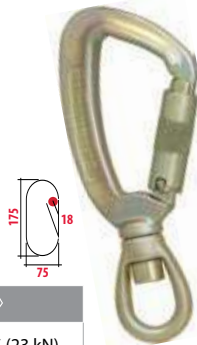
Supplied with individual serial numbers.

Weight			
260 g	50 kN	15 kN	15 kN

Steel & S/S Swivel Triplock

VISC KH260SS13 (S/S)
VISC KH260SS11 (STEEL)

Triplock karabiner with fall indicator and swivel feature that eliminates potential twisting of line. S/S model measures 182 x 72 mm with 19 mm gate.



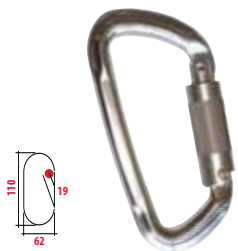
Supplied with individual serial numbers.

Weight	
Steel (348 g); S/S (347 g)	Steel (40 kN); S/S (23 kN)

ALLOY TRIPLOCK

VCT L5300001
VCT L4300001 (CAPTIVE BAR)

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



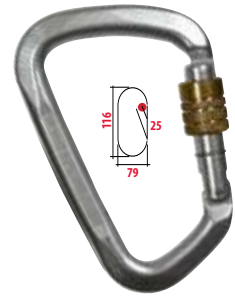
Supplied with individual serial numbers.

Weight			
80 g	30 kN	8 kN	10 kN

Steel Screw Gate

VCT A455TBZ0

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

VCT A430TBZ0

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.



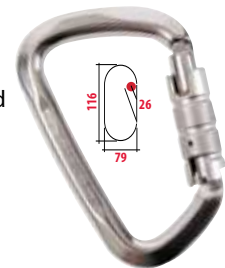
Supplied with individual serial numbers.

Weight	
275 g	35 kN

Alloy Triplock

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.



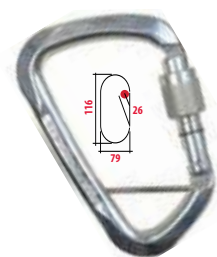
Supplied with individual serial numbers.

Weight			
98 g	30 kN	8 kN	11 kN

ALLOY SCREW GATE

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	10 kN	11 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	WLL	BLL
Standard - Zinc Plated Steel						
VMR STS04	4	39.5	5.5	6	180 kg	900 kg
VMR STS06	6	57	7.5	9	400 kg	2000 kg
VMR STS08	8	74	11	11		35 kN
VMR STS10	10	89	12	13		55 kN
VMR STS12	12	104.5	15	15	1500 kg	7500 kg
Standard - Stainless Steel						
VMR STSS08	8	74	11	11		55 kN
VMR STSS10	10	89	12	13		90 kN
VMR STSS12	12	104.5	15	15	2500 kg	12500 kg
Standard - High Strength Alloy						
VMR STA10	10	89	12	13		25 kN

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	Length mm	Gate Opening mm	Thread Diameter mm	WLL	BLL
Pear Shaped - Zinc Plated Steel						
VMR PS08	8	100	17.5	11	480 kg	2400 kg
VMR PS10	10	118	20.5	13		36 kN

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	Length mm	Gate Opening mm	Thread Diameter mm	WLL	BLL
Twist Zinc Plated Steel						
VMR STSTW07 (Standard)	7	72	8.5	10	500 kg	2500 kg
VMR LOSTW08 (Large Opening)	8	104	17.5	11		32 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	Length mm	Gate Opening mm	Thread Diameter mm	WLL	BLL
Delta - Zinc Plated Steel						
VMR DS04	4	40	5.5	6	100 kg	500 kg
VMR DS06	6	56	7.5	9	250 kg	1250 kg
VMR DS08	8	73	10	11		27 kN
VMR DS10	10	87	12	13		45 kN
VMR DS12	12	104	15	15		55 kN
Delta - Stainless Steel						
VMR DSS10	10	87	12	13	1250 kg	6250 kg
Delta - High Strength Alloy						
VMR DA10	10	87	12	13	350 kg	1750 kg

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	WLL	BLL
Large Opening - Zinc Plated Steel						
VMR LOS07	7	79	16	10		25 kN
VMR LOS08	8	88	17.5	11		32 kN
VMR LOS10	10	105.5	20.5	13		50 kN
VMR LOS12	12	124	23.5	15	1250 kg	6250 kg
VMR LOS16	16	161	29.5	19	2500 kg	12500 kg
Large Opening - Stainless Steel						
VMR LOSS08	8	88	17.5	11	980 kg	4900 kg
VMR LOSS10	10	105.5	20.5	13	1600 kg	8000 kg
VMR LOSS12	12	124	23.5	15	2200 kg	11000 kg

Maillon C Shape

Commonly used when connecting sit and chest harnesses.



Code	Size mm	Length mm	Gate Opening mm	Thread Diameter mm	BLL
C Shape - Zinc Plated Steel					
VMR CS10	10	86	10	13	45 kN
C Shape - High Strength Alloy					
VMR CA10	10	86	10	13	25 kN



Photo Credit: QWAKE - Arachnidop Total Edge Management System zipline into Masaya Volcano, Nicaragua

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

Code	Diameter	Weight (g/m)	MBS kN
NAR-Q3936**	11 mm	82.5	29.4 kN minimum
NAR-Q3939**	13 mm	111	35.25 kN minimum
NAR-Q400*	16 mm	189.36	50 kN minimum

Patron 11mm Static Rope

- » Twisted core for high minimum breaking strength
- » Extra light weight
- » High dirt resistance with good grip
- » High abrasion protection
- » EN 353-2 certified with Petzl ASAP and ASAP Lock
- » EN 341 A-certified with Antron DSDplus



VTB 7360931	Patron 11 mm - White with Red Fleck
VTB 7360939	Patron 11 mm - Black (special order)

Diameter	Sheath/Core	Braid	Weight	MBS	Knotted Break Strength
11mm	Nylon / Nylon	32	75 g/m	33 kN	18 kN

Teufelberger Vulcanus VTB 7360048

- » Highly heat resistant static rope with high strength, low elongation at break and increased resistance to cutting and abrasion
- » Well suited for work near heat sources and sharp edges
- » Suitable for fast abseiling procedures in rapid succession making it ideal for emergency response organisations and tactical rescue operations. EN 1891 A



Diameter	Sheath/Core	Braid	Weight	MBS	Knotted Break Strength
10.5 mm	Technora® / Nylon	32	74 g/m	32 kN	18 kN

Ferno Static Rope



The Australian Standards certified Ferno Static Rope by Teufelberger is an exceptional static rope for rescue, life-safety and fixed rope applications, rappelling, hauling and caving. The rope's sheath is balanced with a nylon core to limit rotation, bouncing and stretch. The rope's hand is incredibly smooth, has higher tensile strengths, high abrasion and UV resistance and superior handling and knot holding characteristics. Certified to AS 4142.3-1993.

VTB C4C71-14-200	Ferno Static Rope - Red 200 m
VTB C4C73-14-200	Ferno Static Rope - Blue 200 m
VTB C4C74-14-200	Ferno Static Rope - Black 200 m
VTB C4C75-14-200	Ferno Static Rope - Orange 200 m
VTB C4C81-14-200	Ferno Static Rope - Black / Red Fleck 200 m

Diameter	Sheath/Core	Braid	Weight	MBS	Knotted Break Strength
11mm	Polyester / Nylon	32	91 g/m	35.1kN	18.7kN

Apex 11mm Dynamic Rope

- » Supple handling
- » Extremely durable
- » Rope runs freely
- » Excellent knotability
- » Endura DRY treatment of rope core keeps water out of the core and lubricates core fibres for better abrasion resistance
- » Certified UIAA 101 and EN 892
- » Blue / Yellow (SPRING): VTB 3402-10



VTB 3402-10	Apex 11mm - Blue/Yellow (Spring)
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Diameter	Sheath/Core	Braid	Weight	Max Impact Force UIAA	Number of Falls (Min)
11mm	Nylon / Nylon	48	81.8 g/m	9.6 kN	13

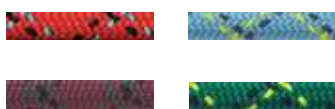
Water Rescue Rope VTB 2371-14

- » Spliceable 20-plait floating throwline for swift-water rescue
- » High visibility while in use
- » Floats just under the water surface
- » Durable nylon sheath protects the braided multifilament polypropylene (MFP) core from damaging UV rays
- » Double braid construction combines the spliceable nature of a hallow braid with the safety features of a kernmantle rope
- » Good grip



Diameter	Sheath/Core	Braid	Weight	MBS
11mm	Nylon / MFP	20	78.9 g/m	16.45 kN

LT Prusik Cords and Loops



- » An excellent balance between knotability and grip with a firm yet supple hand
- » Engineered for smooth controlled movement over the rope and easy untying of knots
- » Torque-free construction from 100% polyamide
- » Smooth surface structure for high user comfort
- » Available in sewn loops or rolls as indicated

VTB C5MZ01-06-001	Sewn Loop - 6 mm x 40 cm Red
VTB C5MZ03F-06-002	Sewn Loop - 6 mm x 55 cm Blue
VTB C5MZ01F-08-001	Sewn Loop - 8 mm x 55 cm Burgundy
VTB 3821-06	Roll (91.5 m/300 ft) - 6 mm Red
VTB 3822-08	Roll (91.5 m/300 ft) - 8 mm Green

Diameter	Sheath/Core	Braid	Weight	MBS
6 mm	Polyamide / Polyamide	32	25.3 g/m	7.8 kN
8 mm	Polyamide / Polyamide	32	40.2 g/m	13.8 kN

FERNO ROPE LOG FWERL



The Ferno Rope Log helps you keep tabs on the activities and conditions the rope you're relying on has been exposed to.

The handy A5-sized Rope Log is printed on durable, tear-resistant and water-proof paper for use in the field. It includes inspection and rope care instructions plus 21 pages to record and keep your important rope information organised and traceable.



NFPA Throwline VTB C2336-08

- » Perfect for rafting, boating, river crossing, swimming, diving or any applications where water rescue may be required
- » Double braid construction with a high strength Dyneema core and polypropylene sheath
- » High strength to weight ratio
- » Packs easily and compactly
- » Floats indefinitely
- » Soft hand and good grip
- » Highly visible rope
- » NFPA 1983:2012 Throwlines



Diameter	Sheath/Core	Braid	Weight	MBS
8mm	Polypropylene / Dyneema®	16	29.8 g/m	12.2 kN

Arresta Prusik Cord 8mm



Arresta Prusik Cord is supple for handling and knot holding but hard wearing for prolonged use.

NAR-Q3962R25	Arresta Prusik - 8 mm x 25 m Red
NAR-Q3962R50	Arresta Prusik - 8 mm x 50 m Red
NAR-Q3962Y25	Arresta Prusik - 8 mm x 25 m Yellow

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

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 21 kN.

Note other lengths and end fittings on special request.

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-NARROP LAN (+ length in m)	Kernmantle rope only

CT Throw Bags

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.



VCT 7V7930250 Throw Bag - 250 g

VCT 7V7930350 Throw Bag - 350 g

Emergency Throw Bag Kit

VKIT THROW BAG

The Emergency Throw Bag Kit consists of a weighted throw bag attached to 30 m of cord all housed in a convenient storage bag.



Ferno Industrial Rope Protection Mat

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 cm x 60 cm.



Ultra-Pro 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 additional units to be linked together.



CMC294042 Ultra-Pro - 2 Edge Protector

CMC294044 Ultra-Pro - 4 Edge Protector

ISC Edge Roller

VISC ER100A

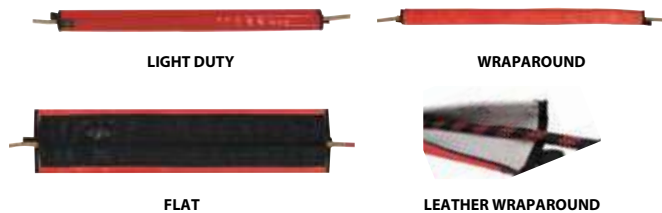


The ISC Edge Roller protects ropes from damage when working over sharp or abrasive edges.

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.

Ferno 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.

VAS ROP PROT Rope Protector - Light Duty

VAIROPPROTINDWRAP Rope Protector - Wraparound

VAIROPPROTINDFLAT Rope Protector - Flat

VAI ROPPROT KEVLAR Rope Protector - Kevlar Flat

VAI ROP PROT LEA Rope Protector - Leather Wraparound

Rescuetech Multi-Unit Edge Roller

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.

RT-611111 Multi-Unit Edge Roller - 1 Unit

RT-611112 Multi-Unit Edge Roller - 2 Units

RT-611113 Multi-Unit Edge Roller - 3 Units

RT-611114 Multi- Unit Edge Roller - 4 Units

Ferno Rope Saver



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

VARB RS600 Rope Saver - 600 mm, Fluoro Yellow

VARB RS900 Rope Saver - 900 mm Red

VARB RS1200 Rope Saver - 1200 mm Blue

VARB RS1500 Rope Saver - 1500 mm Red

VARB RS1800 Rope Saver - 1800 mm Fluoro Yellow

Engel Hot Knife



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.

VDPS G4480000	Knife only
VDPS G4480001	Blade only

Rope Measurer DONA-PRP9058M



This rope measurer quickly and accurately measures cordage from 6 mm to 20 mm diameter, within weight and measure tolerances. Wall or bench mounted, the digital counter adds/subtracts and resets to zero with one turn of a knob.

Bokat Rope Washer 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

Ferno Rope and Harness Wash is a highly concentrated cleaner that's recommended for use with industrial harnesses, access, rigging and lowering ropes.

- » Environmentally friendly, bio-degradable and does not contain any phosphates, bleaches or fragrances.
- » Low foaming, free rinsing with excellent soil removal properties.

VAS WASH 500ML	Rope & Harness Wash - 500 ml
VAS WASH 20	Rope & Harness Wash - 20 Litre Bulk Container



ROPE BAGS

Ferno Standard Rope 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.

Code	Size	Height	Diameter	Carry Handle	Strap Qty
VBS ROP BAG 50	50 m	56 cm	24 cm	No	1
VBS ROP BAG 100	100 m	70 cm	24 cm	No	1
VBS ROP BAG 150	150 m	70 cm	30 cm	No	2
VBS ROP BAG 200	200 m	85 cm	30 cm	Yes	2



Ferno Heavy Duty Rope Bag 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 and includes a base eyelet.

Code	Size	Height	Height inc. Throat	Diameter	Carry Handle	Strap Qty
VBS HIVIS 50	50 m	56 cm	62 cm	24 cm	no	1
VBS HIVIS 100	100 m	70 cm	76 cm	24 cm	no	1
VBS HIVIS 150	150 m	70 cm	76 cm	30 cm	yes	2
VBS HIVIS 200	200 m	85 cm	91 cm	30 cm	yes	2



Ferno Industrial Rope Bag

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.

Code	Size	Height	Diameter	Carry Handle	Strap Qty
VBI NCB-16	100 m	65 cm	25 cm	Yes	2



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 61 cm x W 38 cm x H 27 cm
- » Red only



Gear Bags 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

Expedition II Duffel Bag 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.

The duffel 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



Ferno Gear Roll VDIS GEAR ROLL

The Ferno Gear Roll is a convenient and secure way to hold your essential height safety and rescue gear while making equipment readily accessible for immediate use.

Made from light, cushioned and breathable fabric, it provides 20 individual gear loops along with two protective pockets. When unrolled, your gear is laid out ready for immediate access and deployment. The Ferno Gear Roll is secured with dual clip buckles and includes a low profile handle for convenient carrying. When rolled up, it is small enough to fit within larger gear bags.

- » Dimensions (empty) 115 cm x 30 cm



Ferno Multi Pouch 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. A new zip away section enables users to set up a separate clean work area.

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 65 cm x W 48 cm
- » Dimensions: Open L 150 cm x W 140 cm
- » Contents not included



CT Carrier Bag VCT 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



CT Utility Backpack VCT 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, weighs 900 g
- » H 64 cm x D 30 cm x W 18 cm



CMC RigTech Pack™ CMC441103

Stay light, fast and ultra-organised with the innovative RigTech Pack. Keeps rigging gear secure and sorted ready for deployment for rescue or rope access technicians. Features long life, high-tenacity water-resistant nylon and contoured, padded shoulder, sternal and waist straps.

- » Quick access to full width, rigid main compartment
- » Multiple internal and external pockets for optimal organisation
- » Internal and external multi-loops for attaching gear
- » Front and back reflective accents aid in night visibility
- » Top and bottom handles plus external hydration sleeve
- » Waterproof rip-stop nylon ground cloth
- » Whistle plus moulded ID holder
- » 40 L capacity, weighs 2.8 kg
- » H 56 cm x W 46 cm x D 20 cm
- » Contents not included



CT Haul Bags

CT Haul Bags are designed specifically for carrying and hauling gear. Made from durable polyester-coated PVC fabric, the larger Zenith and Craggy models feature an ergonomic, padded and removable backpack harness system while the smaller Azimut has a simple shoulder strap plus daisy chain.

All bags feature:

- » Different length haul webbing
- » Easy roll-up closures for quick access and packing
- » Two internal gear loops pockets
- » Two vertical front handles
- » Lower attachment points for clipping additional gear



THE ZENITH with removable backpack harness deployed and packed away

THE CRAGGY

THE AZIMUT

Code	Model	Standard Capacity	Expanded Capacity	Weight	Height	Base Dimension	Colour
VCT 7X96970	ZENITH	70 Litres	85 Litres	2.7 kg	70 cm	36 cm x 30 cm	Yellow
VCT 7X96940	CRAGGY	40 Litres	50 Litres	1.9 kg	57 cm	34 cm x 22 cm	White
VCT 7X98625	AZIMUT	25 Litres	35 Litres	1.2 kg	53 cm	29 cm x 20 cm	Blue

Ferno Ladder Stabiliser 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 64 cm base with a stability bar of any length. More reliable than make ready footing and reduces ladder set up times and increase users safety. Simple to use, flexible and reliable.

Length	Width	Height	Weight
66 cm	22 cm	9 cm	4.7 kg

Hi-Safe Ladder Lock



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.

HS-LLO	Ladder Lock - Parapet *
HS-LLOG	Ladder Lock - Gutter *

* May be subject to additional freight

Climb Safe Ladder System HC-CS

Climb Safe is an innovative system that attaches onto existing and new steel ladders providing a continuous attachment point for ascending and descending. Simply connect the HS-CS1000 (sold separately) cable runner with energy absorber to your safety harness and Climb Safe System and move freely and safely up or down the ladder.

Available in 8 mm galvanised or stainless steel for marine environments. All systems come with an in-line shock dampening absorber plus a top and bottom mounted anchor. If the cable span of the system is more than 10 m, intermediate brackets are to be installed at 10m intervals. Once installed, the Climb Safe System is a permanent fixture. Available in basic type 1 system (up to 15 m) which comes without cable tensioner or the advanced type 2 system (more than 15 m) which comes with a cable tensioner. All systems are supplied in kit form with instructions ready for assembly.

Hi-Safe LS25 Ladder Bracket HS-LS25GTTYPE2

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 by the installer.

This multi-fit design combined with alloy substrate provides universal fitments to a vast array of parapet walls and roof edge structures. 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. Allows a true 4:1 ladder positioning method per the OHS Portable Ladder Use guidelines



S/S Cable Runner for Ladder System



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 and karabiners.

HS-CS1000 S/S Cable Runner for Ladder System - 8 mm

HS-CS2000 S/S Cable Runner for Ladder System - 10 mm





Break-Away Tool Lanyard

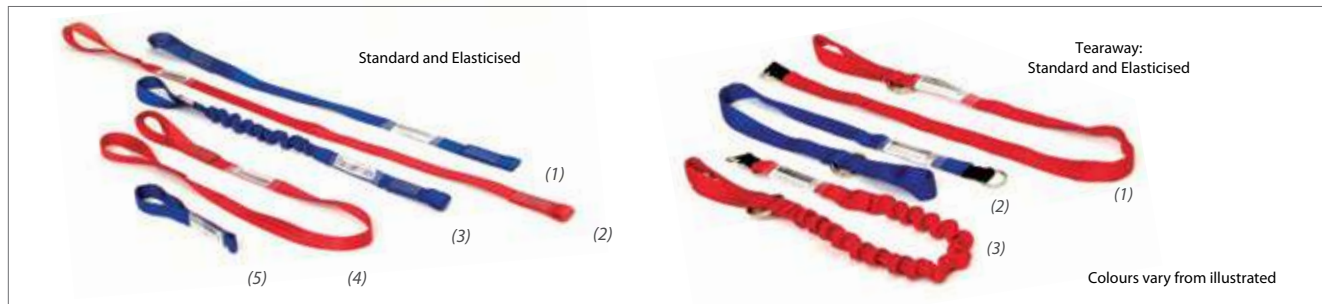
Designed to withstand as well as release from static and impact force. If a tool is dropped or caught in moving machinery, the weak link severs releasing the tool to reduce the chance of the worker being harmed or pulled into the machinery.

	Description	Tool Drop Force	Break -Away Force
VAI TOOL LAN 40	Break-Away Tool Lanyard 40 kg	1 kg	40 kg
VAI TOOL LAN 80	Break-Away Tool Lanyard 80 kg	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.

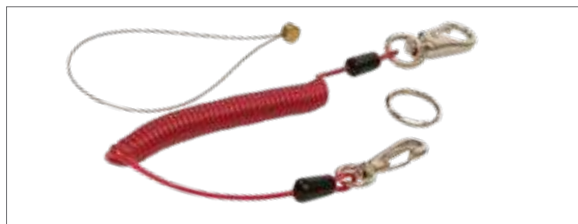


(1)	VARB TS 900	Tool Strop Basic 900 mm Blue
(2)	VARB TS 1200	Tool Strop Basic 1200 mm Red
(3)	VARB TS 900 EL	Tool Strop Basic Elastic 900 mm Blue
(4)	VARB TS 2LL	Tool Strop 2 Loop 1200 mm Red
(5)	VARB TS MINI	Tool Strop Basic Mini Blue

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

Safe Spring Hook 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.



Tool Retention Safety System 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 VFM-WL10, VFM-WL15

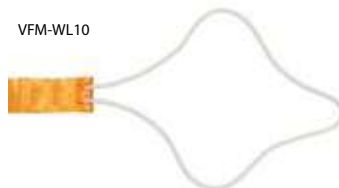
Reduce the risk of dropped tools and equipment. Developed to secure hand tools and other equipment where work must be carried out over other workers or public spaces. Approximately 300 mm in length to end of string once attached to wrist.

VFM-WL15



- » Metal snap clip
- » Swivel hook
- » Adjustable wrist band

VFM-WL10



- » Cord loop
- » Adjustable wrist band
- » Washable



The Vertical Sunbrero

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.

Alta Superflex Knee Pads

CMC355413



Alta Superflex Knee Pads have a 12 mm layer of foam padding to reduce stress and fatigue, allowing you to work longer and more effectively during heavy rescue operations, confined space entries or tactical responses. Alta pads are a lightweight 340 g. The rubber caps grip the surface to prevent sliding and the buckle fastening system provides a comfortable fit. Available in black.

ActiveMask P2 Mask



The ActiveMask is built for continued daily use. The award-winning mask combines a soft-to-the-face silicon body with two inhale and one exhale filters. The multi-layered filtration system features a layer of Activated Carbon and wool-derived material which makes it easier to breathe while providing advanced protection against large and small (bacteria/ viruses) particles on inhalation and exhalation.



The mask is fully washable and reusable. Replaceable filters have a much smaller waste footprint than standard facemasks. **Inclusions:** 1 x ActiveMask with 2 head straps and filters fitted, 2 x replacement filter kits, instructions and a zipped storage case.

Suitable for medical, surgical and clinical settings. AS/NZS 1716 P2/N95 certified | ARTG 386510 Medical Device included Class 1 | ARTG 386521 Respirator Filter/Cartridge, particulates.

AM002	ActiveMask Mask - Large (AM002-L); ActiveMask Mask - Small (AM002-S)
AM04	ActiveMask Replacement Filter Kit (each)

Alta Flex Industrial Elbow Pads

CMC355310



Alta Flex Industrial Elbow Pads protect you during horizontal confined space entries, cave rescue or tactical responses.

The non-slip, rubber caps grip the surface to provide sliding and allow for faster movement. The buckle fastening system provides a comfortable fit. Weight 170 g. Available in black.

Fox 40 Whistle

CMC180011



The Fox 40 Whistle is a reliable whistle that works under almost any conditions and has a reputation for being one of the loudest whistles available. This whistle is made of a durable plastic and does not have a pea that will stick or swell when wet, nor will it rust or transfer cold like a metal whistle. Colour Orange

Rough Handler Rigger 360 Cut F

The Rough Handler Rigger's glove provides maximum dexterity, durability and protection.

Constructed from supple yet hard-wearing goatskin leather and stitched with Kevlar® thread for additional durability, these gloves provide excellent fit and comfort while protecting your hands.

- » 360° cut protection - every part of the glove is cut resistant to Level F
- » Reinforced sections between thumb and forefinger
- » Touchscreen compatibility



	○	○	○	○	○	○	●
CUT LEVEL	X	A	B	C	D	E	F
FORCE TO CUT	≥ 15N (1529g) < 22N (2243g)						
RISK ASSESSMENT	Medium / High						

EN388:2016



3542F

EN407



41424X

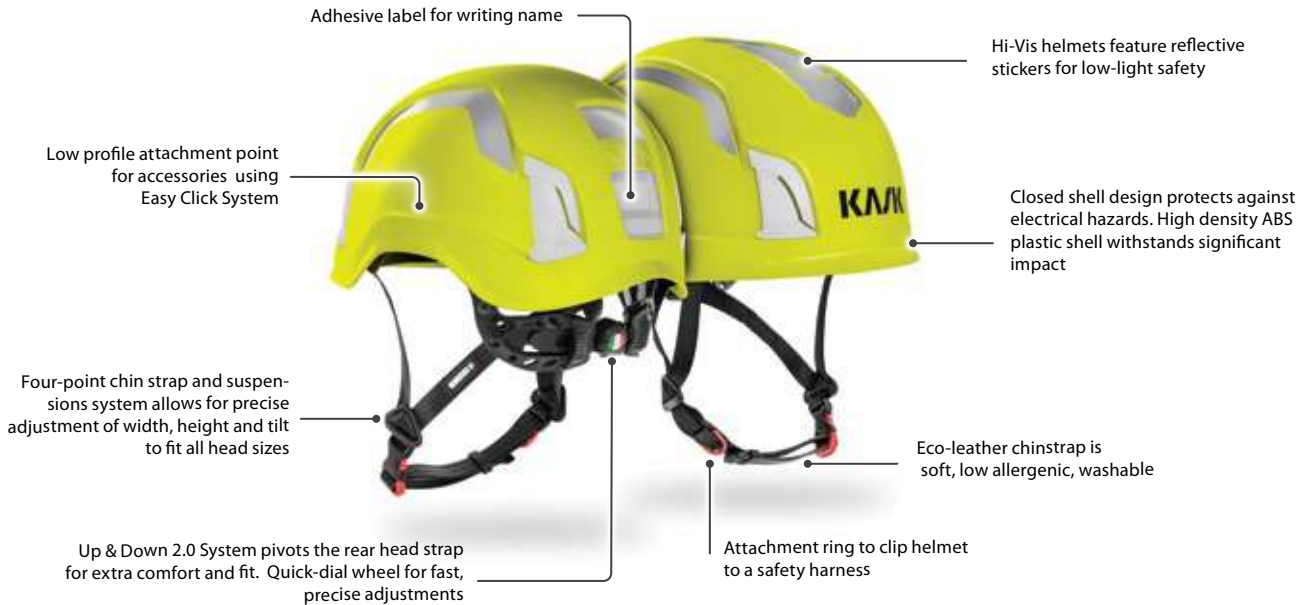
Code	Hand Size	Hand Circumference/Length	Min. Glove Length	Glove Size	Imperial Size
SM-PR618 XS	6	152 / 160 mm	220 mm	6	XS
SM-PR618 S	7	178 / 171 mm	230 mm	7	S
SM-PR618 M	8	203 / 182 mm	240 mm	8	M
SM-PR618 L	9	229 / 192 mm	250 mm	9	L
SM-PR618 XL	10	254 / 204 mm	260 mm	10	XL
SM-PR618 2XL	11	279 / 215 mm	270 mm	11	XXL

HEAD PROTECTION

KASK Zenith Helmet

The Kask Zenith safety helmet has been specifically engineered for industrial applications and includes many features to provide the highest protection standards, comfort and versatility.

The Zenith features a non-vented ABS external shell providing protection from electrical hazards to 1000V DC /1500V AC. The Kask Zenith provides improved features for the ultimate in comfort, fitment and functionality along with certification to Australian Standards AS/NZS 1801:1997 Occupational Protective Helmets. Helmet weighs 510 g excluding accessories. Adjustable 53 - 63 cm. The Zenith has a ten year shelf life.



White
VKA WHE 34.201



Yellow
VKA WHE 34.202



Orange
VKA WHE 34.203



Red
VKA WHE 34.204



Dark Blue
VKA WHE 34.208



Black
VKA WHE 34.210



Hi-Vis White
VKA WHE 35.201



Hi-Vis Yellow
VKA WHE 35.221



ZENITH OPTIONAL ACCESSORIES



Visor Adaptor
VKA WAC00009



Zen Half Visor
VKA WVI00007.15



Half Visor V2 Plus
VKA WVI00007.009



Zen FF Visor (Clear)
VKA WVI00008.015



Zen FF Visor (Smoke)
VKA WVI00008.009

ZEN Visors are coated with an anti-fog and scratch resistant treatment. Panoramic lens goes over corrective spectacles. Visors feature a cut proof edge and drip proof upper contour made of rubber. Impact resistant even at extreme temperatures.

Half Visor V2 Plus

Full Face Visor

Material	Polycarbonate	Material	Polycarbonate
Optical Class	Class1	Optical Class	Class 2
Weight	70 g	Weight	120 g
Standards	EN170 (Clear) / EN172 (Smoke)	Standards	CE EN 166



Visor Adaptor
VKA WAC00009.000



Full Face Visor Carrier
VKA WAC00010.000



Full Face Peak (optional)
VKA WAC00010.000



ZEN Metal Mesh
VKA WVI00009



ZEN Plastic Mesh
VKA WVI00010



ZEN Face Shield
VKA WVI00024-500

Product	Material	Light Transmission	Weight	Standards
ZEN MM Metal Mesh	Metal	50%	100 g	EN 1731 / ANSI Z87.1
ZEN PM Plastic Mesh	Plastic	50 %	75 g	EN 1731 / ANSI Z87.1
ZEN Face Shield	Polycarbonate	Clear	70 g	EN 166 / ANSI Z87.1



Arc Flash 1
VKA WVI00014



Arc Flash 2
VKA WVI00015

Zenith Arc Flash Visors feature UV-filters and allow recognition of signal lights.

Arc Flash 1

Arc Flash 2

Material	Polycarbonate	Material	Polycarbonate
Optical Class	Class 1	Optical Class	Class 2
Luminous Transmittance	88%	Luminous Transmittance	42%
Weight	294 g	Weight	425 g
Standards	GS-ET-29: Class 1	Standards	GS-ET-29: Class 2 ASTM F2178: ATPV 12.0 cal/cm ²

Neck Protector

The Zenith Neck Protector provides SPF50 protection for your neck.

Neck Shield RW

The Neck Shield RW features an easy attachment system, protects the neck and ears and may be worn with earmuffs. Waterproof, windproof, SPF50 and breathable.



Neck Protector
VKA WAC00013
Neck Shield RW
VKA WAC00030



Neck Shield RW
VKA WAC00031-221



Neck Protector
VKA WAC00025
Neck Shield RW
VKA WAC00031-222

Zenith Badge Holder Light

VKA WAC00047

The Badge Holder comprises an elastic band and transparent pocket for housing ID or name cards. May be worn on the front or rear of helmet.



Zenith Ear Muffs

VKA RBZ2CA

The Orange SC3 earmuffs are indicated for use in low frequency noise situations. Suitable for extremely noisy environments such as: airports, car racing, while using pneumatic drills, etc.

CE EN 352 / ANSI S3.19 / CSA

Contact Ferno for other compatible Class 5, AS/NZS 1270:2002 Ear Muffs.



Zenith Reflective Sticker
VKA WAC00014

For more accessories, refer to
KASK Universal Accessories
on page 63

KASK HP Plus Helmet

The KASK HP Plus is a high-tech, feature-rich helmet specifically designed for professional rescue and work-at-heights applications. Lightweight and compact, the new HP Plus is certified to Australian Standards AS/NZS 1801:1997 Occupational Protective Helmets. The HP Plus safety helmet now has a shelf life of 10 years.



White
VKA WHE 20.201



Yellow
VKA WHE 20.202



Red
VKA WHE 20.204



Blue
VKA WHE 20.208



Black
VKA WHE 20.210



Hi-Vis White
VKA WHE 21.201



Hi-Vis Yellow
VKA WHE 21.221



Hi-Vis Red/White
VKA WHE 21.241

HP PLUS OPTIONAL ACCESSORIES



UNIVERSAL ACCESSORIES ZENITH & HP PLUS

Sunshield

Provides large coverage against the sun. Attaches using the clips on the Zenith and HP Plus helmets.

Anthracite VKA WAC00036
HiViz Yellow VKA WAC00037-221
HiViz Orange VKA WAC00037-222



Helmet Bag VKA WAC00029

Protect your helmet from knocks and damage with the new Helmet Bag. Lined with soft plush material and enclosed with a zip, the bag features a rubberised grip and clear pocket with included name tag.



Liner Refresher VKA WAC00040

A naturally formulated water-based spray containing enzymes designed to neutralize unpleasant odours. The spray enhances and prolongs the effectiveness of the helmet liner's Sanitized™ treatment. Available in 100 ml or 1 Litre bottles



KASK HEADLAMPS FOR AN EXCEPTIONALLY PURE, BRIGHT WHITE LED LIGHT

KL-1 Headlamp VKA WLA00001



Lightweight, compact and powerful.

- » Advanced focus system for easy, intuitive beam adjustment.
- » Red light for map reading
- » Supplied with rechargeable 3.7V Li-ion battery or compatible with 1 x AA alkaline/NiMH battery (not supplied).
- » Magnetic USB charging system cable.
- » Multiple fastening option via headlamp metal clip. Simple removal and positioning.
- » Optional overhead mounting kit allows use of visors and earmuffs.

KL-2 Headlamp VKA WLA00002



Multi-featured for varying conditions.

- » Advanced focus system for easy, intuitive beam adjustment.
- » White light plus red, green and blue-coloured lights to suit various functions
- » Supplied with rechargeable 3.7V Li-ion battery or compatible with 2 x AA alkaline/NiMH battery (not supplied).
- » Simple charging via a magnetic USB cable.
- » Multiple fastening option via headlamp metal clip. Simple removal and positioning.
- » Optional overhead mounting kit allows use of visors and earmuffs.

KL-3 Headlamp VKA WLA00003



Powerful and extremely flexible with smartphone control.

- » Bluetooth® enabled headlamp enables personalised settings and timer function to be controlled remotely via a smart phone app.
- » Boost mode: up to 1000 lumens - exactly when you need it.
- » Optisense Technology for automatic adjustment to lighting conditions.
- » Advanced focus system for easy, intuitive beam adjustment.
- » Supplied with rechargeable 3.6V Li-ion battery which charges via a magnetic USB cable.
- » Multiple fastening options via a headlamp metal clip, simple removal and positioning.
- » Optional overhead mounting kit allows use of visors and earmuffs.

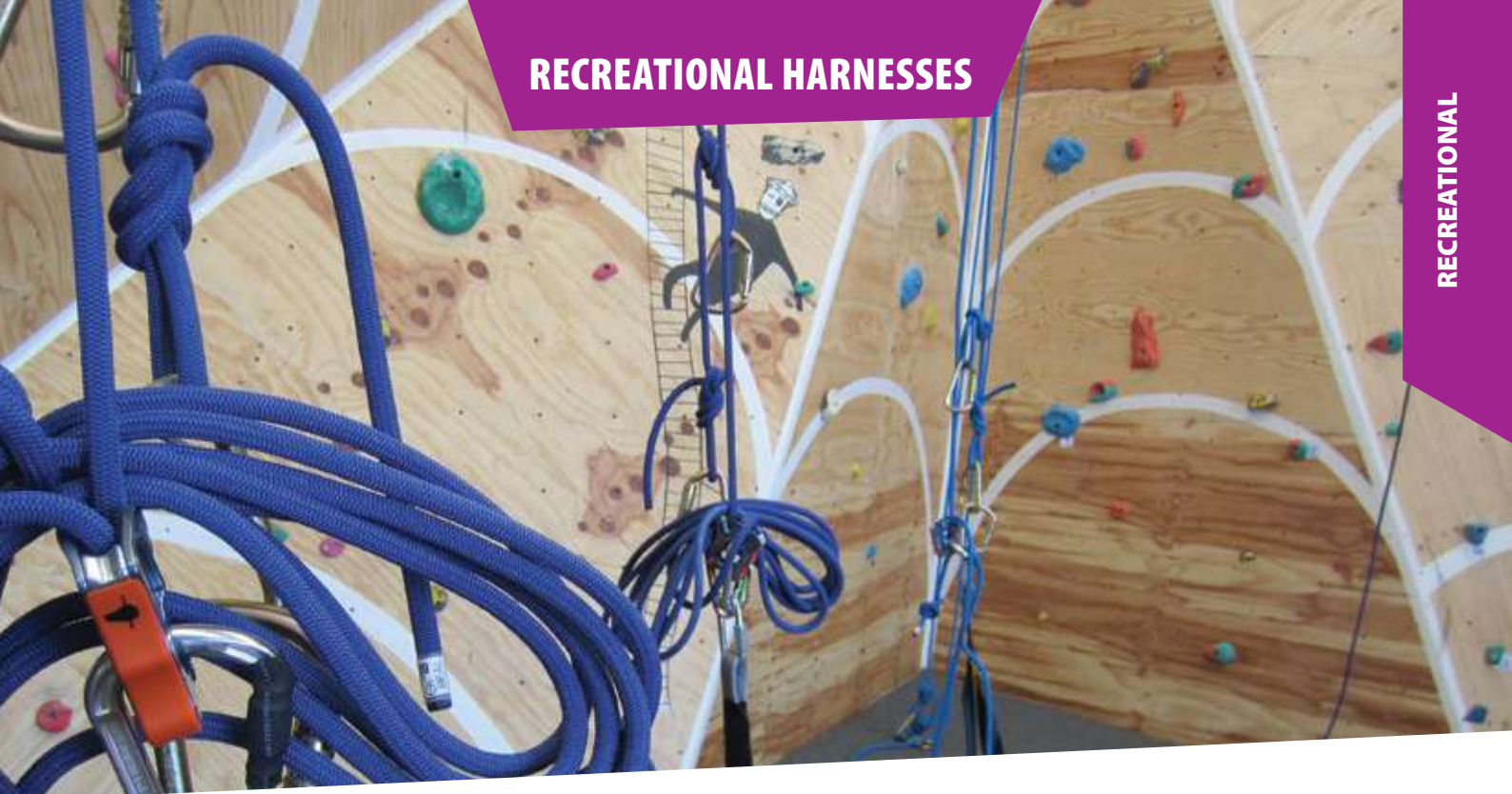
Model	Weight	IP Rating	Lumen Range	Beam Distance	Run Time	Light Colours	Light Modes
KL-1	98 g *	IP 54	20 - 400 lm	40 m - 180 m	3.5 - 35** hrs	White, Red	Low Power, Power
KL-2	139 g *	IP 54	20 - 600 lm	40 m - 180 m	4 - 40** hrs	White, Red, Green, Blue	Low Power, Mid Power, Power, Boost, Blink
KL-3	179 g *	IP 54	10 - 1000 lm	30 m - 320 m	4 - 100** hrs	White, Red, Green, Blue	Low Power, Mid Power, Power, Boost, Blink, SOS, Strobe

* Weight includes batteries

** Low Power Mode

LIGHT MODES

Low Power	Economical light for long battery life, glare-free reading and working
Power	High light output for every situation
Boost	Short-duration maximum power for more brightness
Blink	Automatic emission of light impulses at regular intervals
S.O.S	The distress signal the light emits is SOS in Morse code (3 x short, 3 x long, 3 x short)
Strobe	Flashes of light with a confusing blinding effect for, among other things, self-defence



Vertical Gym Harness VHS GYM

A popular and proven performer, the Vertical Gym Harness has a simple and secure double buckle system so the webbing cannot be unthreaded.



This feature provides gym owners, instructors or beginner climbers with peace of mind and offers a high level of certainty with large or inexperienced groups who may not be aware of the dangers of failing to double back.

- » The robust, one-size-fits-most design makes it ideal for high volume and large group use
- » Reinforced tie-in point provides years of maintenance free service
- » Hard wearing reinforced tie-in point
- » Permanently secured waist and leg double-buckle system
- » Weight: 510 g
- » One size fits most - XS and XL available on request. Conditions may apply.
- » Optional padded band for added comfort



Vertical Redpoint Harness VHS RED

The Redpoint Harness is our original group-use harness with traditional thread-back buckles on the waist and leg straps.



Its lightweight, simple and robust design makes it popular for trekking, mountaineering and gym use. It features long waist and leg webbing which allows the harness to fit a broad range of body sizes.

- » Reinforced tie-in point provides years of maintenance free service
- » Traditional thread back buckles
- » Weight: 410 g
- » One size fits most - XS and XL available on request. Conditions may apply.
- » Optional padded band for added comfort



Vertical Edge Harness

The Vertical Edge Harness is ideal for top-roping, lead climbing and abseiling. The harness provides a great option for climbing instructors or corporate clients where greater comfort is desired.

A floating waistband with three gear loops allow freedom of movement while padded waist and leg straps provide comfort when suspended.

- » Double buckle system prevents webbing from accidentally unthreading
- » Contrast stitching for easy inspection
- » Permanently secured waist and leg restraint buckles
- » Weight: 710 g
- » One size fits most - XL available on request. Conditions may apply.
- » Optional traditional thread back buckles



VHS EDGE DB	Vertical Edge Harness - Double Buckle
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VHS EDGE	Vertical Edge Harness - Single Buckle
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Vertical Chest Harness

The Vertical Chest Harness connects to a sit harness' belay loop to provide additional support for people with a high centre of gravity or to enable ascending systems to be secured to the body.

- » Supplied standard with a double buckle system
- » Optional traditional thread back buckle
- » One size fits all
- » Weight: 390 g



VHS CHEST	Vertical Chest Harness - Single Buckle
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VHS CHEST DB	Vertical Chest Harness - Double Buckle
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RAT LITE Harness

The Ferno RAT LITE full body harness is a trimmed down version of the RAT Harness. This new addition is suitable for numerous applications such as recreation and adventure activities, ladder and roof work, rope activities and general height safety including confined space access.

Features

- » Confined space attachment points
- » Shoulder adjustment buckle
- » Dorsal fall arrest attachment point
- » Front chest D ring
- » Lower abdominal/waist D ring
- » Adjustable waist belt with side Ds
- » Adjustable leg straps
- » Available in S/M and L/XL



VHI RAT LITE S/M	Small / Medium
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VHI RAT LITE L/XL	Large / Extra Large
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Berry SR2 Lanyard VAI EA BERRY SR2

A twin tailed lanyard with integral energy shock absorber for specific use on high ropes courses.

It is designed with two hook back loops for placement of unwanted double-action hooks.

Suitable for instructor use only.



Berry Lanyard VAI EA BERRY SR

A twin tailed lanyard with integral energy shock absorber for specific use on high ropes courses.



Flying Fox K Strop VAI FKS VI

Purpose designed for flying fox applications, the Flying Fox K Strop is adjustable in length and compatible with sit and chest harness combinations as well as high top harnesses.

It is easy to remove at dismount.

- » Twin fabricated reinforced lanyard eyes with wear indicators
- » Guaranteed breaking strain greater than 15kN
- » Colour coded strops to aid set up and inspection



Vertical Daisy Chain VAS DAISY

The Vertical Daisy Chain features 22 mm nylon tube with twelve loops.

It is easy to remove at dismount, and the large soft grips aid user comfort.

- » Rated to 15 kN overall with each loop rated to 5 kN
- » Weight: 113 g
- » Length: 1200 mm
- » Colours may vary from illustrated



Floor Belay VAS BELAY SL

The Ferno Floor Belay is used by climbing gyms to anchor the belay operator. One end of the Floor Belay is attached to a floor anchor and the other end to the belay operator's harness during the belaying process of wall climbing.



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SAFETY
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