FERNO® EMERGENCY & RESCUE

ANZ EDITION 8

CONTENTS

EMERGENCY&**RESCUE**

ANZ EDITION 8

FERNO®

iNSTRAXX™

iNSX®

VEHICLE

MEDIC

ACETECH

INTELLIGENCE

Together, We Can Transform Emergency Care.

Ferno has a vision that is **transforming the delivery of emergency care** in the ambulance and on scene. We've partnered with EMS professionals and innovators from all over the world to bring you the **Integrated Patient Transport System**, a **family of solutions** that focus on the **Medic**, **Vehicle interior**, and **Vehicle Intelligence** to **increase safety** for medics and patients **and performance** for EMS operations.

INNOVATION INSPIRED BY YOU.

You are passionate about the work you do, but let's face it — it's not easy. Everyday activities in EMS put you at risk for injuries that can hurt you and your service, family, and career. Ferno created the **Integrated Patient Transport System** to effectively **eliminate patient handling injuries** and the **risks and hazards** you face in the back of a **moving vehicle**. Now you can **stop lifting**, **stay seated**, and **deliver care** more effectively for your patients.

DISCOVER THE BENEFITS.

iNƎTRAXX™

Integrated Vehicle Component System

iNƎTRAXX modularity supports better workflows and inventory management which lowers operating costs

THE iNƎTRAXX INTEGRATED VEHICLE COMPONENT SYSTEM™ provides crash-ready safety for providers and patients, and efficiency that reduces operating costs for emergency services.

The iNƎTRAXX system has been designed to secure loose equipment and supplies inside the ambulance and to allow medics to deliver patient care from a seated, safe and restrained position. This reduces the risk of death and injury during crashes, sudden stops or hard manoeuvres.

This modular system features wall-mounted tracks to which all manner of storage solutions, equipment and accessories, seating options and oxygen systems are attached.

WINNING BENEFITS

CRASH TESTED SAFETY

- **Crash-ready** Dynamically crash-tested to AS/NZS 4535 and SAE J3043 requirements that keep equipment secure during 26G impacts
- **Seated, Safe and Restrained Delivery of Care** Reach supplies and deliver care without standing in a moving vehicle
- **Soft-Sided Storage** SafePaks are soft-sided, eliminating potential strike hazards during aggressive vehicle manoeuvres or crashes

IMPROVED FLEXIBILITY

- **Inter-operability** Supplies and equipment are interchangeable across vehicles and vehicle types
- **Mission-Specific Customisation** Equipment and supplies can be removed or repositioned to adapt a vehicle to different response scenarios eg: a viral outbreak or mass casualty features
- **Expandable System** Components can be added as your needs change

WINNING BENEFITS

REDUCED PROCESSING TIME & MAINTENANCE

- **Faster Turn Around Time**   SafePaks and pouches are easy to remove and clean, making restocking fast and easy

- **Reduced Downtime**   Damaged or out-of-service equipment and components can be quickly removed and replaced without taking a vehicle out of service

REDUCED SYSTEM WASTE

- **Improved Inventory Control**   SafePaks and Pouches make inventory control easier with better visibility of supplies, reducing duplication, waste and expired supplies

IMPROVED ERGONOMICS

- **Easy Access**   Modularity allows supplies and equipment to be placed next to the paramedic in the delivery of care position, eliminating the need to get up in a moving vehicle to access supplies

- **Provider-Specific Configuration**   Quickly reposition equipment and supplies exactly where you want them, or to suit the job

IMPROVED INFECTION CONTROL

- **Cleaning and Decontamination**   Components are removable and power washable for thorough, easy cleaning

- **Containment**   Individual pouches isolate potential contamination to specific areas, limiting the exposure of expensive supplies

REDUCE COST OF OWNERSHIP

- **Reduced Space Requirements**   iN∫TRAXX system requires less space for storage and equipment, allowing use of smaller, less expensive vehicles

MODULAR SYSTEM FITS ANY VEHICLE TYPE

SAE J3043 COMPLIANT
CERTIFIED

26 g

CRASH TESTED TO
AS/NZS 4535

iNTRAXX™

Integrated Vehicle Component System

iNTRAXX Tracks are the foundation of the iNTRAXX System and provides an SAE-compliant platform for easy customisation of your vehicle.

Different styles of tracks are available for installation to walls, ceilings and bench-top surfaces. Start small with one or two tracks to satisfy a specific need, or incorporate iNTRAXX throughout the vehicle to reap the full benefits the system provides.

Tracks are manufactured from anodised extruded aluminium and designed with two parallel load-bearing channels with drop-zones and locking positions integrated along its length as well as fluid drainage capabilities.

Most commonly used track for wall and bench tops. May be cut to size.
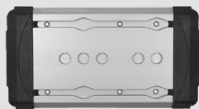
This short 340 mm track is often used to mount single pieces of equipment.

iNTRAXX Storage options attach to the Tracks and can be positioned wherever you prefer or want them. All storage solutions are crash tested to 26g.

Storage units feature clear windows for quick and convenient visual identification of contents and are soft sided to reduce injury from unexpected head strikes.

SafePouches are individual pouches with clear flap enclosures plus a pocket for custom labels. They fit inside SafePak bags or to wall tracks via pouch mounts.

SafePaks are hard-shelled cases lined with pouch mounts which secure SafePouches inside the case. Contents are accessed while mounted to the wall, or removed for use on-scene.

SafeCab cabinets mount direct to wall tracks and feature soft sides and clear doors for content visibility plus a tamper-evidence locking lever. Three sizes available.

BENEFITS SAFEPAK RETRIEVAL KIT

- Pouches keep **equipment and supplies organised** by function or procedure
- Clear windows and customised labelling provides **quick identification of equipment**
- Supplies and equipment are **interchangeable across vehicles**
- SafePouches are ideal for 'make ready' systems to **support periods of high demand** or inventory control
- Individual pouches **isolate contamination of supplies** to specific areas, **saves wastage of precious consumables**
- SafePak and pouches feature wipe clean surfaces and are **easily disinfected for immediate re-use**

"

SAFEPAK COVID RETRIEVAL KITS

The guys are really liking the features of the SafePak system, its flexibility, featured hard case is so easy to swap out modules for decontamination. Our Retrieval Doctors have setup 'COVID Packs' ... The contents in the pouches are in vacuum sealed plastic so everything can be easily decontaminated.

Ivor, Retrieval Paramedic
Ambulance Tasmania

"

Customize iNʃTRAXX to your specific needs.
From vehicle type to crew preference, iNʃTRAXX works for you.

iNTRAXX Equipment and Accessory Mounts quickly attach to the Tracks and enable your work trays, glove boxes, iPads, monitor, defib and other equipment to be located securely where you want. This means no more dangerous flying objects in your work space.

Equipment mounts range from a generic SafeMount for a variety of equipment through to model-specific mounts for defibrillators, ventilators and suction units.

Accessory mounts include sharps containers, rubbish bins, work trays, hand sanitiser dispensers and glove boxes to name a few.

The range of mounts continue to expand with growing demand from different countries.

iNTRAXX SafeSeats mount anywhere on iNTRAXX tracks. This provides the flexibility to move seats around a vehicle as clinical procedures or a mission demands.

Additional seats can be added to rapidly reconfigure an ambulance for duty at events or mass casualty incidents.

iNTRAXX Oxygen Mounts

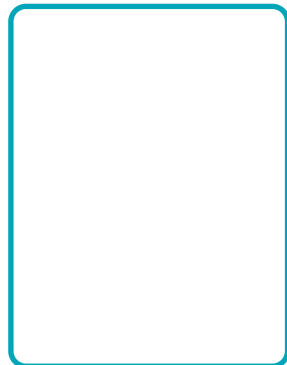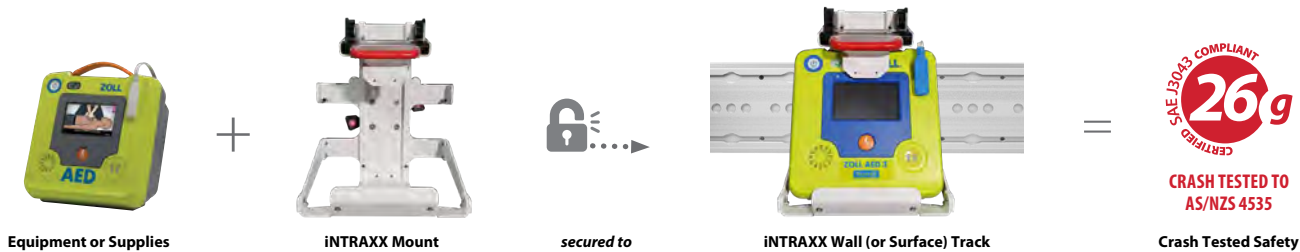A range of mounts cater for up to three oxygen cylinders of various sizes. The Single Oxygen Mount pictured is designed to support a D (425 litre) or Jumbo D (640 litre) size oxygen bottle.

iNTRAXX SAFETY FORMULA

| Equipment or Supplies | + | iNTRAXX Mount | *secured to* | iNTRAXX Wall (or Surface) Track | = | Crash Tested Safety |

26g SAE J3043 COMPLIANT CERTIFIED

CRASH TESTED TO AS/NZS 4535

ACETECH
A Ferno Group Company

VEHICLE CONTROL

DRIVER SAFETY MODULE

REVOLUTIONARY CAMERA SYSTEM

ACETECH iNCONTROL

ACETECH AVA Voice Alert

ACETECH iNVIEW

ACETECH iNCONTROL is an intelligent electronic control unit that provides you with customisable control and monitoring of your vehicle's electronics. In contrast to conventional ECU hardware, it combines multiple control devics into one single unit, eliminating up to half the wiring, reducing installation time and, most importantly, reducing failure.

Multiplexing
Multiplex wiring transmits multiple signals over one line. This reduces wire bundling and the amount of hardware needed to control a combination of electrical features in the vehicle. It also gives you flexibility to add new components to enhance functionality.

The electrics can be configured remotely using iNSIGHT software.

Connectivity
The ECU supports Bluetooth and WiFi so your crew is always connected. Mobile connectivity is via GSM/GPRS, 3G, 4G and CDMA. There are :

- 12 Active High Inputs
- 8 Low Configurable Inputs
- A pulsed input detection for siren applications.

ACETECH AVA Voice Alert is an audio driver-coaching tool that provides real-time feedback to coach safer driving manoeuvres and to alert drivers of safety hazards and equipment status.

Coaching safer driving behaviour has a direct impact on your fleet's performance. Optimised driving behaviour can improve safety, response times and customer experience as well as reduce costs and carbon footprint.

Voice Alert
The AVA Voice Alert module provides your crew with audio cues such as:

- "000 Mode Activated"
- "Arrive Scene Activated"
- "Patient Restrained"
- "Low Battery"
- "Caution! Vehicle Reversing"
- "Fuel Level Below 30%"
- "Side Door Open"
- "Warning! Maximum Speed Limit Exceeded"

Compact Designs
AVA Voice Alert has a compact, rugged metallic case measuring 135mm x 85mm. This audio module plays messages on four speakers — e.g. through the driver cab speaker, two saloon speakers and an exterior speaker.

Emergency service vehicles travel at high speeds while negotiating traffic and pedestrians. This puts them at a higher risk of an accident.

ACETECH iNVIEW Cameras are developed to improve vehicle safety, efficiency and security. Integrating our camera systems can prevent collisions that arise from blind spots, reduces risk of false claims and provides additional vehicle surveillance security.

Interior Camera
Having an in-cab camera provides added protection for patients and paramedics, as well as for police and passengers.

To protect patient privacy, internal cameras may be set to monitor only, without recording footage.

To record, you simply push a Panic Button. This could be useful in the event of an assault on staff.

Web-Based Reporting
All data from the vehicle is fed into ACETECH's cloud-based software platform called ACETECH iNSIGHT.

This means that data can be off-loaded from the vehicle remotely rather than visiting each vehicle to access data. You can also receive diagnostic alerts, watch live vehicle footage or replay videos. The latter proves useful for coaching purposes, or for vehicle incidents.

Integrated Vehicle Intelligence System

ECO-LOGICAL TECHNOLOGY

SOLAR ENERGY IN MOTION

FLEET MANAGEMENT SOFTWARE

ACETECH ECO-RUN

ACETECH SOLAR

ACETECH iNSIGHT

Emergency service vehicles are high-idling vehicles. Idling can burn thousands of litres of fuel, emit harmful toxins and generate unnecessary engine wear.

ACETECH ECO-RUN is an eco-friendly module that turns your engine off and on when needed to reduce unnecessary vehicle idling. It helps reduce costs, encourages better driving behaviour and reduces emissions to create a more eco-friendly fleet.

Start, Stop System
ACETECH ECO-RUN uses start-stop technology to turn your engine off when it is no longer necessary. When low voltage and 'out of pre-set' temperature parameters are detected, it automatically re-starts the engine to continue running equipment and charge batteries.

Equipment
When the engine is off, cab comfort and vehicle operation continue to perform with the ACETECH ECO-RUN system. It allows you to park and operate climate heating and cooling systems, emergency lights, cameras and communication devices — even when the vehicle is turned off.

ACETECH SOLAR are top of the range solar panels for emergency service vehicles. They supply you with an unlimited source of energy, reducing the need to engine idle or return to base for shoreline power.

This helps you to optimise your fleet operations, cut costs and reduce your environmental impact.

Ultra-Sleek Design
The solar panels have an ultra-sleek design with curved surfaces and slim design to align smoothly with the surface of the vehicle. Weighing in at 2.1kg, the panels are also super-lightweight.

Polycrystalline Silicon Cells
ACETECH SOLAR are composed of polycrystalline solar cells that are made from crystalline silicon, ensuring the best performance from your solar panels.

Get Powered Up
ACETECH SOLAR emit 12–32V, 145W and 8.4 AMPs.

Web-Based Reporting
See how your fleet is performing in real time. Monitor your fleet's battery levels to see improvements over time and view fleet idling reports to identify pattern changes in fuel consumption.
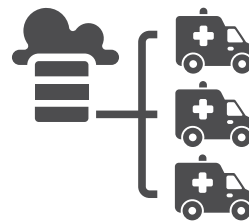
ACETECH iNSIGHT is a top of the range vehicle tracking and performance management software platform.

It helps you monitor your fleet's location and activity in real-time, so you can make smart data driven decisions.

Respond quicker, safer and more cost-effectively than ever before!

Access Anytime, Anywhere
Access your fleet's information through a simple and secure web-interface. Log on with your desktop, tablet or mobile device. You can even receive text and email alerts on the go.

Intelligent Reports
Get the answers you need. ACETECH iNSIGHT doesn't just provide you with data — fuel efficiency, MPG, battery levels and driver patterns. It also provides cost projections and expert recommendations on how fleet activity may be improved.

Route Replay
Have a backup of your fleet's activity for incident control and rewind to key events. Use a route replay for post-crash and incident reviews to ensure compliance and reduce risk to your fleet.

ACETECH™ GREEN SOLUTIONS **BENEFITS**

Reduce Fuel Consumption

Prevent Flat Batteries

Reduce Engine Wear

Fast Effective Diagnostics

Reduce Costs

Integrated Vehicle Intelligence System

ACETECH
A Ferno Group Company

STOCK MANAGEMENT IN MOTION

TRACSENSE iNVEHICLE

INTELLIGENT STOCK MANAGEMENT

ACETECH TRACSENSE

THE ULTIMATE DRIVER EXPERIENCE

ACETECH iNCOMMAND

Lost and stolen equipment costs the healthcare industry billions each year.

ACETECH TRACSENSE iNVEHICLE helps prevent loss and theft of valuable medical devices and assists you with important asset management, maintenance and purchasing decisions.

Access Anytime, Anywhere
Keep track of equipment in each vehicle, even when your fleet is on the road, using an online portal. This saves time for your logistics staff when doing periodic inspections.

In Vehicle Alerts
With helpful in-vehicle alerts, Crew can be certain that the vehicle is fully equipped and that no items are left behind at the scene. A simple tick will appear alongside all equipment if it's present, otherwise an X will display on screen and the crew will receive an audio alert.

Location Beacon
Along with an instant notification for missing equipment, the crew will also see a beacon displaying the location. This helps them find and easily recover missing equipment. Headquarters can also map the location using the online portal.

Every year valuable funds are wasted through the loss of high-value devices and consumables.

ACETECH TRACSENSE is an intelligent stock management solution that uses RFID tagging and software to keep track of your supplies.

It helps reduce medical supply wastage and assists with important stock management, stock control and purchasing decisions.

Alerts
Receive alerts for stock nearing its expiry date to help optimise stock turnaround. Stay on top of your inventory and purchasing with stock level alerts. Get helpful reminders about maintenance checks to keep your stock in its best condition.

Search Filters
Create a search for a specific SKU or view your full inventory. It's easy to find your stock using search filters such as the tag ID, name, stock type, location or serial number.

Temperature Sensors
Temperature sensors mean you can now measure and keep track of stock temperatures for compliance and to eliminate unnecessary wastage.

ACETECH iNCOMMAND is a state-of-the-art touchscreen monitor designed to provide emergency service drivers with full control of the vehicle and its equipment from the comfort of the cab.

One Device, Multiple Functions
With iNCOMMAND it's no longer necessary to have multiple devices that use up vital space in the cab. Operate safety features, access vital journey information and enjoy in-cab entertainment from the luxury of one streamlined device.

Live Interactive Maps
Get instant and secure live-streaming information on your location (GPS), monitor geo fence zones for hospitals, stations etc and easily find destinations by typing in the location.

Control Centre
Drivers gain full control of the safety features — emergency lights, basic lights, sirens and locks — from this in-cab control centre. The device also gives drivers access to vital battery monitoring information and diagnostics.

Asset Tracking
Drivers can easily monitor equipment in the vehicle using the RFiD tab on the screen.

ACETECH™ TRACSENSE BENEFITS

| Real-time Stock Checks | Save time Checking Stock | Theft Protection | Reduce Stock Wastage | Locate Equipment Instantly | Reduce Costs | Simple Software |

excelerate

Access the applications you need when you need them.

FERNO has partnered with EXCELERATE to provide resilient communications solutions that enable Services to stay operational regardless of geographical boundaries, isolation and extreme environments or situations. Receive real-time data, video and voice via secure satellite and wireless communications solutions.
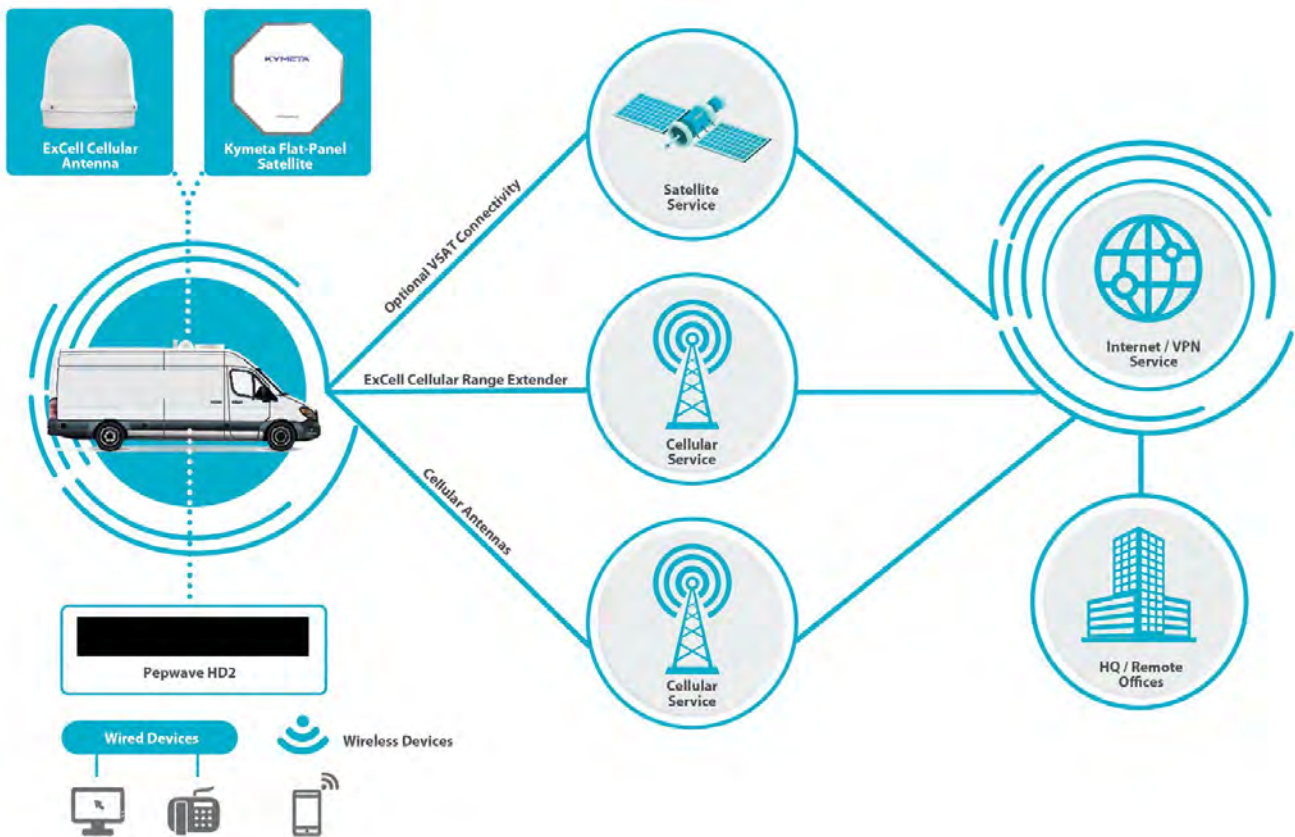
CONNECTED AMBULANCE SOLUTION

Vehicle routers fitted to ambulances will create an 'Ambulance Wide Network' allowing all wired and wireless devices that require connectivity, to connect to it. The router then acts as a central point on the ambulance – providing a secure connection back to the network along with a fire wall to protect all the devices within the ambulance against attack.

High-gain external diversity antennas ensure the best possible connectivity for both cellular and WiFi connections.

Additionally, an ExCell range extender is fitted to increase the available bandwidth to the ambulance to ensure consistent cellular coverage even in 'black spot' areas.

The ExCell device complements the vehicle router by adding a connection and allowing the ambulance to adopt a 'zero-gap connectivity' approach.

The use of Speedfusion technology allows bonding of available connections resulting in increased speeds and 'unbreakable internet'.

KEY BENEFITS

- Streamlined data and security
- WiFi connectivity in and around each ambulance
- Hard wired connectivity for devices such as MDTs
- Central management of all routers across fitted fleet including monitoring and firmware updates
- Automatic Ambulance Station connectivity for data off-loads and updates
- Redundant cellular connectivity for resilience
- Reduce SIM card running costs
- Enhanced connectivity in remote locations using ExCell range enhancer
- Better connectivity in urban areas
- Separate Paramedic WiFi network if required
- Bonding of connections using Speefusion technology to create resilient network with zero-gap connectivity
- Ability to add in Flat Panel 'on the move' satellite connectivity

Manual Back-Up System
Complete operation in the event of power loss.

Easy Clean Safety Restraints
Keep patients secure and infection free
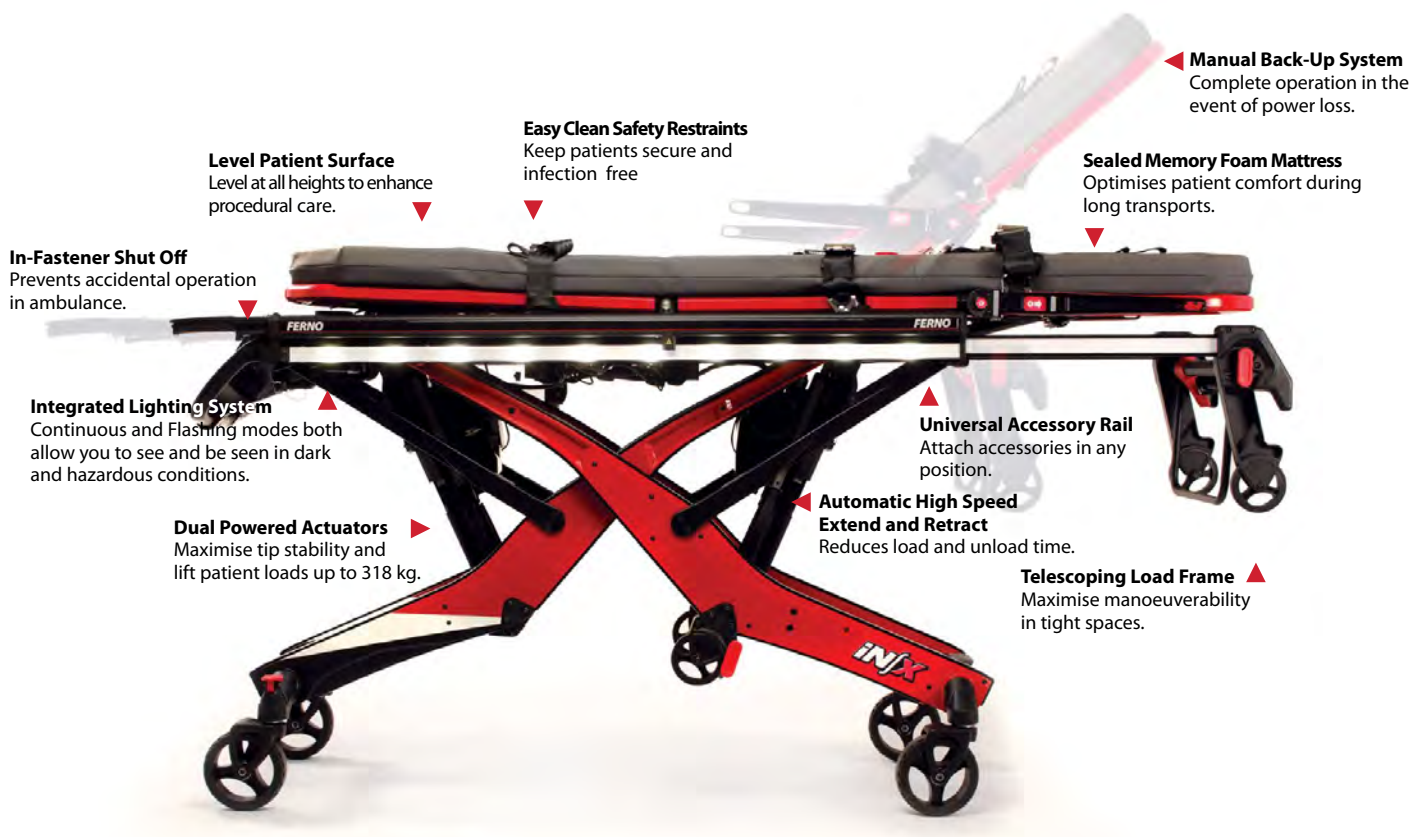
Level Patient Surface
Level at all heights to enhance procedural care.

Sealed Memory Foam Mattress
Optimises patient comfort during long transports.

In-Fastener Shut Off
Prevents accidental operation in ambulance.

Integrated Lighting System
Continuous and Flashing modes both allow you to see and be seen in dark and hazardous conditions.

Universal Accessory Rail
Attach accessories in any position.

Dual Powered Actuators
Maximise tip stability and lift patient loads up to 318 kg.

Automatic High Speed Extend and Retract
Reduces load and unload time.

Telescoping Load Frame
Maximise manoeuverability in tight spaces.

No More Lifting
iNtegrated Loading System allows you to stop lifting and to load and unload with ease at the touch of a button.

EN 1789 COMPLIANT CERTIFIED **10** *g*

AS/NZS 4535 COMPLIANT CERTIFIED **20** *g*

SAE J2917 COMPLIANT CERTIFIED **22** *g*

SAE J2956 COMPLIANT CERTIFIED **26** *g*

Accessories Available

- IV Pole
- Pac-Rac+
- Attachable medical bags
- Storage net
- Backrest monitor holder
- O2 cylinder holder
- Head-end directional wheel-lock
- Side push handles
- Folding armrests
- Ratcheting side extenders
- And many more

PACRAC+ EQUIPMENT PLATFORM   *FWEPR+ IT*

PacRac+ supports equipment and IV fluid bags up to 25kg.

Its table surface features an iNTRAXX track profile to enable equipment to be attached either using iNTRAXX system and aeromedical mounts, or with traditional restraints. The PacRac+ includes two integral IV poles plus pivoting side gates that allow patient transfer without removing the PacRac+ from the cot. Fast and simple to attach and detach, the unit stores flat when not in use. Dynamically tested and certified to AS/NZS 4535:1999.

CASTOR DIRECTIONAL LOCK   *FWECDL*

Castor Directional Locks can be fitted to the two head end wheels of the iN∫X. When engaged, they lock the wheels in a fixed position to aid with manoeuvring. When not engaged, it allows all four wheels to swivel for optimum confined space manoeuvrability.

IN∫LINE FASTENING SYSTEM   *ILFS-AUS*

The iN∫LINE Fastening System meets and exceeds worldwide standards including AS/NZS 4535:1999.

Available in varying lengths to suit differing vehicle sizes, the iN∫LINE Fastening System glides the iN∫X into position when loading and unloading. Its design allows for extreme loading and unloading approach angles. Its Integrated Charging System charges the iN∫X battery while the iN∫X is locked in position. A single-press button unlocks the iN∫X for unloading.

SX SURFACE XTENDER   *FWESX*

The SX Surface Xtender increases the width of the patient surface to accommodate larger patients.

It features five adjustable locked positions plus an unlocked, lowered position that allows the SX to be positioned out of the way for patient transfer and does not interfere with loading and unloading. Injection moulded with smooth, clean lines for easy cleaning.

3 STAGE IV POLE   *CODE LAIV-3SCL*

Ferno's 3-Stage IV Pole allows you to quickly position IV bags and infusion pumps anywhere around the patient. The IV Pole mounts directly onto the iN∫X, Power-X or Mondial Monobloc.

SIDE LOAD HANDLES & LOAD FRAME HANDLES
SIDE LIFT HANDLE (PAIR): FWESLH;
LOAD FRAME HANDLE (PAIR): FWELFH

Supplied in pairs, these Handles are designed to be attached to the sides or load-end frame of the stretcher to assist with its manoeuvering. Each handle stores with a low profile and features textured urethane hand grips.

Accessories Cot Compatability

ACCESSORY	iN∫X	POWER X	POWER X1	Mondial Monobloc
SX	●	●	●	●
PacRac+	●	●	●	●
3 Stage IV Pole	●	●	●	●
Side Lift Handle	●	●		●
Load Frame Handle	●			
Castor Directional Lock	●			
iN∫LINE Fastening System	●			

FERNO POWERX ™   *FWEPOWERX*

The lightest powered stretcher on the pre-hospital market, the PowerX is ergonomically designed for enhanced handling and manoeuvrability, making it easier and safer for the operator and improving patient outcome. With the latest technology at your fingertips, contact your local Ferno agent to find out how this feature-rich stretcher can be best configured for your particular needs.

Key features

- Reduced weight – easier to manoeuvre, reduced OH&S costs & ambulance weight
- Enhanced manoeuvrability – improved wheel configuration and ergonomic push/pull poles and handles
- Design & Function – lighter design, easier to clean and maintain
- Reliable power – quick recharge, long lasting lithium-Ion battery technology
- Confined spaces – four telescopic handles plus corner integrated bump-wheels
- Configurability - configuration from the ED to specialist care to bariatric
- Infection control - clean lines, wipe clean mattress & restraints, anti-bacterial paint
- Operator-friendly – simple to use controls, improved manoeuvrability & handling
- Safety – certified to AS/NZS 4535:1999 and BS EN 1789 floor lock

Accessories & options:

- Detachable 3-stage telescopic IV Pole
- Pac-Rac+, for holding medical equipment
- Backrest monitor hook
- Cylinder holder
- Clip-on SafePak pouch holder
- Push-pull handles (head and/or foot-end)
- Side-fixing manoeuvring handles
- Detachable head-rest
- Storage net at head-end
- Winch-link for assisted loading on ramps
- Side-trolley lighting
- SX Surface Xtender ratcheting cotsides, for extended patient surface
- Extreme Bariatric patient surface (coming soon)

Includes pressure relieving mattress and bio-safe restraints

1495mm Shortening Feature

Optional Push/Pull Handles

Length	Width	Height	Load Limit	Weight
1930 mm (extended)	570 mm	880 mm (highest)	350 kg (when raised)	67 kg
1495 (shortened)	900 mm (SX Xtender)	480 mm (lowest)	400 kg (lowest height)	

FERNO POWER X1   *FWE-POWERX1*

The POWER X1 ambulance cot offers more power, stability, manoeurability, and speed than any competitive powered cot.
With an unassisted lift capacity of 318 kg, the POWER X1 is the ultimate solution for both every day and bariatric transport. Its industry-leading battery technology provides high-powered, reliable performance on every call.

Includes mattress and restraints

Enhanced patient care, comfort & safety

- Fully compliant with industry safety standards
- Industry-leading stability at transport height
- Pneumatic backrest adjusts to a comfortable position for every patient
- Infinite height adjustment for transferring patients to and from the cot

Improved Handling

- Shortening feature reduces cot length by 56 cm, and four oversized, all terrain, swivel wheels increases stretcher manoeuvrability
- Two height lift bars and grasping surfaces enable easy handling
- Backrest mounted hook holds equipment to keep your hands free

Industry-leading Power and Speed

- Powerful battery provides 113 cycles with a 115 kg patient
- 318 kg unassisted lift capacity reduces the strain of everyday and bariatric transport

Max. Length	Min. Length	Width	Height	Load Limit	Weight
203 cm	147 cm	61 cm	112 cm	318 kg	65 kg

FERNO MONDIAL MONOBLOC

The Mondial Series has been designed with Ferno Smart-Load system technology to make your job easier with smooth, simple, ergonomic operation of the stretcher when loading and unloading from an ambulance, and when lifting or lowering a patient.

Key features

- Safety Lock Device prevents the cot from being accidentally unloaded before the loading-end legs have locked

- Smooth loading and unloading with the exclusive EZ Load auto-release system eliminates the use of control handles when loading, unloading or raising the stretcher

- Intermediate loading wheels reduce the amount of friction when loading and unloading from an ambulance

- Head and foot end extending handles and optional side handles provide lift assistance for heavy patient loads

- Large 150 mm wheels for easy rolling over all types of terrain

- Tight space manoeuvrability with on demand four swivel wheel lock & release mechanism

- Low-bed lock allows the cot to be carried like a litter

- Head-end extension for taller patients or patients with leg splints

- Under backrest storage tray

- Three-stage IV Pole for quick, multi-positioning of IV bags and infusion pumps

- Easy patient transfer with six bed positions and a folded position

- Gas assist backrest and three-position leg shock frame with contour feature

- Three-position swing-down sidearms

- Certified to AS/NZS 4535:1999

Includes mattress and restraints

Model	Code	Length	Width	Height Max	Loading Height	Weight	Load Limit
Monobloc MB64	FWEMB64-K2	1970 mm	550 mm	949 mm	670-730 mm	45 kg	280 kg
Monobloc MB70	FWEMB70-K2	1970 mm	550 mm	1007 mm	730-790 mm	45 kg	280 kg

Optional Accessories

QR PediMate	Baby Capsule Harness	PacRac+™ Equipment Mount	Surface Extender	Floor Lock
BRH-678-QR	BRH-420	FWEPR+ IT	FWESX	LA50-FL

E400 EASY LOAD STRETCHER SUPPORT *ARE-E400*

The E400 tilts for easy loading and effortlessly powers the Mondial stretcher in and out of a vehicle.

The simple, lightweight design makes it compatible with most vehicle types. A three-point attachment securely locks the stretcher into position. Combined with the Ferno Mondial stretcher, the E400 provides the perfect low cost, manual handling solution.   Available with an optional Android mobile app.

Length	Width	Height	Weight	Load Limit
203 cm	61 cm	112 cm	65 kg	318 kg

CHAIR COT   FWE28ZPRO

The PRO 28Z Chair Cot — a modern redesign of the classic 28Z PROFlexx® — provides exceptional manoeuvrability and stability.

With its specialised ZFrame™ Advanced Positioning, the PRO 28Z effortlessly transforms from a cot to a chair so you can easily navigate confined hallways, narrow staircases and lifts — all without transferring the patient.

The PRO 28Z is compatible with the Ferno iNLINE® Cot Fastening System for SAE-complant safety in the ambulance.

TIP**RESIST**™
ADVANCED STABILITY TECHNOLOGY

Provides 68% more tip resistance than the previous model, the 28Z PROFlexx, in the seated position

ZFRAME™
ADVANCED POSITIONING

Enables the PRO 28Z to transform from a cot to a chair for ultimate manoeuvrability in confined spaces

Includes mattress and restraints

One-hand release mechanism quickly switches the PRO 28Z between three locked positions: Chair, Intermediate, and Cot

Cross-compatible: when paired with the iNLINE Cot Compatibility Kit, the PRO 28Z is compatible with the AS/NZS 4535:1999 compliant iNLINE Fastening System

COMPLIANCE

The PRO 28Z has been designed to meet international test standards.

- SAE J3027
- BS EN 1789
- CAAS-GVS
- KKK-A-1822F

- NFPA 1917
- AMD 004
- IP56

Key features

- ZFrame Advanced Positioning enables the PRO 28Z to transform from a cot to a chair for ultimate manoeuvrability in confined spaces
- Designed to meet international test standards when used with the iNLINE Compatabiity Kit
- Most compact chair cot on the market with a footprint of only 120 cm x 64.5 cm in the chair position
- One-hand release mechanism quickly and easily switches the PRO 28Z between three locked positions: Chair, intermediate, and cot.
- TipRESIST Advanced Stability technology provides 68% more tip resistance in the seated position than the 28Z PROFlexx
- Pneumatic backrest adjusts between 0° and 85° to allow patients to maintain an upright torso position or lay flat
- Swing-down sidearms provide patient security and comfort and can be folded out of the way for patient transfers

- SAE-compliant FERNO X-Restraints are colour-coded for ease of use
- All-metal frame construction provides strength, durability, and performance with heavy patients
- Tested in a controlled environment to 10+ years of service
- Two-piece locking mattress has articulating segments to adapt to each position
- Two 150 mm swivel wheels and two 150 mm stationery wheels provide easy rolling and superior steering control
- Backrest-mounted equipment hook holds equipment weighing up to 22.6 kg
- SX Surface Xtenders™ (optional accessory) increase the patient surface area by 95%, giving a greater feeling of comfort and stability
- Optional flip-out handles provide additional grip points
- Other optional accessories include PacRac® equipment table, Sto-Net storage net, backrest storage pouch and lower hard tray

Base Model Specifications

Folded (Minimum) Length / Height / Width	Raised (Maximum) Length / Height / Width	Chair Height / Width / Length	Width Patient Surface	Loading Height	Weight	Load Limit
L 2063 mm H 203 mm W 643 mm	L 1925 mm H 832 mm W 643 mm	H 1384 mm W 643 mm L 1202 mm	448 mm	658 mm	43.5 kg	318 kg

FERNO F2 MONOBLOC *FWE-F2MB*

The Ferno F2 Monobloc provides a safe, ergonomic and reliable patient handling solution.

The independent leg design supports the patient's weight while loading and unloading reducing strain on medics. Easy to use controls and independent leg operation provide fast, safe loading and unloading from the ambulance while large 200 mm (8") wheels easily roll over multiple terrain types.

Colour-coded left-hand and right hand control levers are user-friendly and require minimal training. The Ferno F2's all aluminium construction is both lightweight and durable.

- Includes telescoping IV pole, sidearms and foot support
- Independent leg operation
- Legs unfold automatically when unloading
- Easy to use colour-coded controls
- Two loading heights: 560mm and 600mm
- Large 200mm (8") wheels
- Control end swivel wheel locks
- Load end fixed wheels and wheel locks
- Shock frame with contour feature
- Four three position telescoping handles
- Adjustable six position backrest
- Fold-down sidearms
- Low maintenance design
- Certified EN1865 & EN1789

Mattress and restraints sold separately

Accessories

- Instrument Tray   *CODE 0832158*
- Three-Point Fastener   *CODE 0573081*
- Four-Part Mattress   *CODE 031-4193*

Length	Width	Height	Load Limit (SWL)	Weight
2285 mm (extended) 1935 (shortened)	565 mm	810 mm (highest) 280 mm (lowest)	250 kg	43 kg

FERNO MODEL 25 AMBULANCE STRETCHER *FWE25*

The Ferno Model 25 is a low cost alternative ambulance stretcher. The Model 25 design has proven itself in the field over many years to be a simple, reliable and durable workhorse.

Key features

- Independently operated legs for ease of loading
- Two height levels: fully elevated and ground level
- Adjustable backrest angle from 0° to 75°
- Side arms swing down for convenient patient transfer
- Two stationary and two swivel wheels
- Complies with AS/NZS 4595:1999

Length	Width	Folded Height	Weight	Load Limit
1920 mm	550 mm	240 mm	22 kg	181 kg

Mattress and restraints sold separately

Ferno offers a complete range of restraints with various colour and length options for backboards and scoops. Refer to page 32.

UNIVERSAL PATIENT RESTRAINT SET   *BRH-MPRS*

Designed to fit a variety of hospital beds and ambulance stretchers. Features two single straps for wrist and ankle, both straps have two padded, double overlap securing system that adjust to the patient's size. The wrist strap also assists in securing the patient's waist area.

The wrist loops are separated in distance to prevent or minimise the patient's ability to manipulate the securing system. Each strap has quick connect, double action, industrial rated buckles that can be concealed when required.

Machine washable. Additional patient restraints may be required for aggressive or animated patients depending on your local protocols.

FERNO 417 ADULT HARNESS   *BRH-417*

A multifunctional design allows users to fit or remove from the patient while on the stretcher.

Can be used under or over existing linen for easier fitting and transfer of patients. The adult harness is part of a complete suite of approved and certified compliant harness systems that provides restraint for newborns to obese adults. Dynamically crash tested and certified to ambulance crash test standards AS/NZS 4535:1999.

* Can only be fitted and used in conjunction with stretchers that have been fitted with the Ferno Harness Mount Kit Model 417/MKIT.

PSYCHIATRIC EMERGENCY TRANSFER SYSTEM   *TET-9100ZWOODY*

When drug affected, mentally confused or patients with psychological disorders suffer from meltdowns, it can be incredibly difficult and downright dangerous for the staff to transport to a safer area.

This transfer system is designed for safe transport and transfers. Exterior handles provide manual lifting and lashing points for additional restraint to the ambulance or hospital stretcher.

The system is currently in use internationally by emergency services, prisons, psychiatry facilities and security services. The Psychiatric Emergency Transfer System is made with Dyneema® which is fifteen times stronger than steel and considered to be the strongest material in the world.

NEW

FERNO QR PEDI MATE   *BRH-678-QR-REV-03 (FERNO); BRH-678-MS (OTHER)*

A fully adjustable, seven point harness that provides the ideal solution for ambulance transport of paediatrics.

Slimline patient restraints provide a non-intrusive fit to paediatrics. Quick release, snap on buckles allow for quick fitting and removal from stretcher. Can be used with the backrest inclined or supine. Rolls compact allowing for storage. Suitable for paediatrics between 3.2 kg and 18 kg. The 678-QR model suits Ferno stretchers with the model 417 Mount Kit fitted. The 678-MS model has a universal design that allows fitting to most stretcher designs. Dynamically crash tested to comply with ambulance crash test standards AS/NZS 4535:1999.

CONVERTIBLE CHAIR HARNESS   *BRH-420*

Developed as an interface for various Ferno stretchers with Australian style convertible baby chair/capsules.

Dynamically crash tested and certified to ambulance crash test standards AS/NZS 4535:1999. *

* Can only be fitted and used in conjunction with stretchers that have been fitted with the Ferno Harness Mount Kit Model 417/MKIT.

NEOMATE® PAEDIATRIC HARNESS SYSTEM   *BRH-031-04111CF*

The Neomate is a lightweight and fully adjustable five point Paediatric Harness.

It transports infants safely and securely providing comfort and ensuring the infant is not upset by feeling overly restricted. It is easy to install and remove and folds for convenient storage. Compatible with all Ferno ambulance cots. Made from durable, easy clean vinyl. Designed for infants weighing between 3.2 kg and 6.4 kg. Complies with CEN dynamic crash test standards.

KANGOOFIX NEONATAL RESTRAINT SYSTEM   *BRH-KANGOOFIX*

The Kangoofix allows for the safe & effective transfer of mother and baby together in close contact, eliminating the need to use two ambulance vehicles & crew.

The Kangoofix inner harness and warming cover ensures breathability and comfort with Oeko-Tex 100 material which is clinically tested to ensure no reaction on the baby's skin.

Key features

- Snug cocoon design and integrated skull cap – keeps baby warm and secure
- Five point outer harness attaches to the stretcher harness
- A quick-release system and "face-up" mode allows the midwife / paramedic to monitor the baby.
- Close contact between mother and baby – clinically proven to help in patient management and mother & baby's condition during transfers
- Safest system on the market – dynamically tested to EN1789 (10G) and TSF2010:2 (20G), CEN compliant
- Lightweight and easy to store – only 1 Kg
- Easy to clean – just pop in a wash bag and use standard detergents

Inner harness

Inner harness, cover and cap

FERNO PATIENT SHIELD   16.101255

Used extensively in the COVID-19 pandemic, the Patient Shield minimises the transfer of pathogens between patients and handlers, equipment and the environment.

Attaches to the backrest with minimal interference with IV poles or oxygen delivery. Supplemental oxygen may be required to prevent carbon dioxide build-up.

FERNO PATIENT/STRETCHER COVER   FWESC

Protects bedding, equipment and keeps patients dry and warm in inclement weather.

Lightweight, coated nylon, elasticised rim and outer Velcro straps fits any cot or basket stretcher. Dual opening zip allows quick access to patient or equipment. The cover stuffs within its storage pouch which attaches to the stretcher.

GERMA MRP MOTION RESTRICTION PILLOW   GM-MRP

The Germa MRP Motion Restricted Pillow has been developed with the latest trauma management techniques in mind. THE MRP is a soft vacuum cushion that can be used as a regular comfort cushion or if needed can be individually formed to provide specific neck and head stabilisation for patients with suspected spinal injury, strokes and other conditions requiring added support or stabilisation.

- Comfortable & easy to use
- Easily accessible on the stretcher
- Individual patient customisation
- Impervious to fluids and easy to clean
- Size: H 36cm W 48cm D 10cm
- Weight 0.8kg

NEW

PACRAC+™ EQUIPMENT MOUNT   FWEPR+IT

The best-selling PacRac+ supports equipment and IV fluid bags up to 25kg.

Its table surface features an iNTRAXX track profile to enable equipment to be attached either using iNTRAXX system and aeromedical mounts, or with traditional restraints. The PacRac+ includes two integral IV poles plus pivoting side gates that allow patient transfer without removing the PacRac+ from the cot.

Stores flat when not in use. Compatible with iN/X, Mondial Monobloc, PowerX and Power-X1 ambulance stretchers. Dynamically tested & certified to AS/NZS 4535:1999.
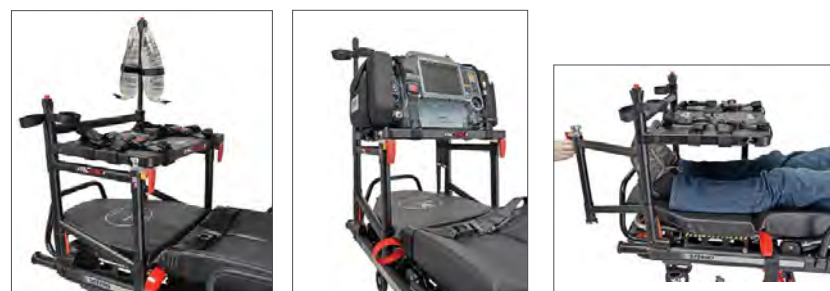
Length	Width	Height	Weight	Load Limit
54 cm (table surface) 57 cm (overall length)	42 cm	37 cm	7 kg	25 kg

FERNO COMPACT CARRY CHAIRS

Ferno Compact Carry Chairs are valued for their effectiveness and simplicity of use in ambulance and pre-hospital environments. They fold to a compact size for convenient, lightweight handling and in-vehicle storage.

A tall back section supports the patient's shoulders, and the large foot plate enhances patient support and comfort. Moulded foot and head-end hand grips enhances operator comfort and stability during use. Available in two widths. The 38 cm width is suitable for narrow aisle evacuation such as aircraft, bus and trains. Every chair model is supplied with chest and ankle restraints. An optional storage/carry case is available.

Description	Length Open	Length Folded	Width	Height Open	Height Folded	Weight	Load Limit	Wheels
Model 2040	126 cm	81 cm	40 cm	91 cm	20cm	11 kg	160 kg	2 Fixed
Model 2041	126 cm	81 cm	38 cm	91 cm	20 cm	12 kg	160 kg	2 Fixed + Swivel
Model 2042	126 cm	81 cm	40 cm	91 cm	20 cm	12 kg	160 kg	2 Fixed + Swivel

Model 2041

FERNO 2045 CARRY CHAIR WITH TRACK   *FWE2045-C*

Lightweight and manoeuvrable with the capability of quickly and easily converting into a track chair for downstairs transfers. The chair removes the need to lift the patient when descending, minimising operator injury risk. The 2045 chair is designed to fit within the same storage space as the 2040 series chair (excluding track). The carry / stair chair is sold as a combined kit which includes the chair and the stair track.

Key Features

- Removable tracks eliminate lifting of patients down stairs
- Can be used without track same as existing 2040 chairs
- Unfolds instantly ready for use
- Head end extension for control while wheeling or descending
- Simple fold out foot end handles provide secure grip
- Large 175 mm (7") lockable rear wheels for easy rolling
- 75 mm (3") foot end swivel castor wheels
- Storage pocket for restraints and patient belongings
- Incudes Chest, Thigh and Ankle restraint

Depth Folded	Height Folded	Width	Chair Weight	Track Weight	Total Weight	SWL
245 mm	845 mm	420 mm	15 kg	3.5 kg	18.5 kg	150 kg

DHS 531D STAIR CHAIR   *DHS-531D-75 (CHAIR); FWE531D (TRACK)*

The Ferno-made DHS 531D with stair track has created much interest across emergency services as a lightweight and functional chair with the option convert into a track chair for downstairs transfers.

Key Features

- Provides users with an extremely light and versatile chair
- Compact folding eliminates storage issues
- Extendable rear handles allow for varying height patients
- Adjustable for correct user positioning during transport or stair descents
- Fixed ABS seat panels with restraint slots.
- Includes chest, thigh and ankle restraint
- Two rear wheel brakes
- Large 6" (150mm) rear wheels and 3" (75mm) front swivel wheels.

Fully Extended – Track sold separately

Depth Folded	Height Folded	Width	Chair Weight	Track Weight	Total Weight	SWL
175mm	965 mm	375 mm	14 kg	3.5 kg	17.5 kg	160 kg

FERNO EZ GLIDE WITH POWERTRAXX STAIR CHAIR   *FWE59-TPT*

The Ferno EZ Glide with PowerTraxx is designed to climb or descend stairs with a push of a button. No more carrying or lifting is required.

The EZ-Glide with Powertraxx provides maximum safety when going up and down stairs using an electronically controlled motor and direct drive transmission with chair tracks.

The tracks and motor carry the patient load, not the operator. Enjoy maximum performance on every call with intelligent power system that runs up to 20 flights of stairs per charge. The chair's easy operation when climbing or descending stairs with intuitive, easy-to-use paddle-style controls keep you in control.

The EZ Glide offers multiple accessories such as padded headrest, rear lift handles, IV Pole and various storage brackets. The EZ Glide is also still available with the standard track system (Model 59T) and for those who already own the original Ferno EZ Glide a retro-fit kit is available.

EZ Glide PowerTraxx

Paddle Style Control

Weight	Load Limit	Folded Height	Folded Width	Folded Depth
26 kg	227 kg	95 cm	52 cm	25 cm

ACCESSORIES

Rear Lift Handles (FWE59-T HANDLES)

IV Pole (0821976)

Milwaukee Battery and Charger

Head Rest (FWE2110)

Storage Bracket (0822073)

Secure Lock 20g (0822071)

FERNO EZ GLIDE EVACUATION CHAIR   *FWE59-T*

The EZ Glide Evacuation Stair Chair glides patient loads up to 227 kg down stairs without carrying or lifting. Large 150 mm wheels and 100 mm front swivel-wheels provide superior maneuverability over carpet and in confined spaces such as stairwells and landings.

The large seat area is supplied in snap-on ABS plastic panels.   Five position lift bar and handles reduce the strain of lifting and provide maximum control for operators of various heights.

The EZ Glide™ Evacuation Chair offers multiple accessories such as padded headrest, rear lift handles, IV Pole and various storage brackets. The EZ Glide can also be upgraded with the PowerTraxx Retrofit Kit.

Weight	Load Limit	Folded Height	Folded Width	Folded Depth
17 kg	227 kg	95 cm	52 cm	23 cm
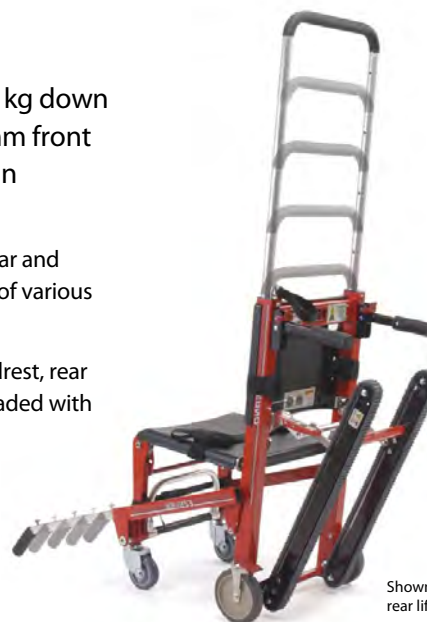
Shown with optional
rear lift handles

POWERTRAXX RETROFIT KIT 240VAC   *65-0410-001*

The PowerTraxx Retrofit Kit turns your existing manual EZ Glide into a power stair chair. Now you can glide up to 227 kg up and down stairs with ease.

The Retrofit Kit is for use with Ferno EZ Glide Evacuation Chairs only and contains one battery, one charger and the PowerTraxx unit.

FERNO EZ GLIDE BARIATRIC STAIR CHAIR   *FWE73132910*

The EZ Glide LBS features all the benefits of the tried and tested EZ Glide tracked chair with an extended seat and strengthened chair frame.

This ensures that patients up to 318kg can be safely moved over a variety of surfaces, through confined areas and down stairways, all without risking injury to operators through strain and lifting.

The EZ Glide LBS is stronger and wider, incorporating extended sides, reinforced footplate and a strengthened frame to seat patients with a greater physical mass. Optional seat cushion, headpad and back support accessories also available.

Shown with
optional accessories

Weight	Load Limit	Height	Depth	Width
29 kg	318 kg	95 cm	85 cm	60 cm

FERNO EZ-GLIDE HEADREST   *FWE2110*

The EZ-Glide Headrest secures firmly into place between the rear lift bars and can be easily adjusted to suit the patient's height by sliding to the appropriate position.

A simple head restraint strap is also supplied. Folds to a compact size for storage in a handy carry case that can be stored at the back of chair.

VENICE STAIR CHAIR RANGE

Packed with standard and optional features, the Venice stair chair range is the lightest, most compact, functional and versatile chair on the market.

NEW

Venice Plus (Non Powered) *FWE21-0082-001-K*

Venice Powered Chair *FWE21-0083-001-K*

VENICE CHAIRS supplied with standard footrest

Features

- Controls slide when descending stairs, with easier handling and reduced effort
- Easy to clean, ergonomic and rigid ABS seat surface
- Adjustable rear telescopic handle for enhanced manoeuvrability in narrow spaces
- One hand operation, five-position front extendable handle
- Oversized, high grip 200 mm x 30 mm rear wheels can be upgraded with optional 200 mm x 50 mm wheels
- Large 150 mm x 30 mm front swivel wheels provide easy handling on any surface
- Load capacity up to 230 kg
- The Venice folds quickly and safely to a slim 200 mm depth
- Wall-mounted locking system (sold separately)

Side Rail Armrest Kit

Lower Limb Support Kit

Headrest

Wall Mount Lock Kit

Features

- Ferno's newest motorised chair is designed for convenient and effortless patient handling while ascending and descending stairs
- Provides maximum safety for both patient and the operator
- Oversized, high grip 200 x 50 mm rear wheels and 150 mm x 30 mm front swivel wheels provide superior handling on any kind of surface
- The compact, two-speed control unit is user friendly and robust - shockproof and water resistant to IP56
- A Safety Speed Limiter (SSL) and safety brakes protect patients and operators
- Powered by Milwaukee 28V battery for enhanced performance and reliability
- Safety lights ensure maximum visibility in all situations
- Suitable for safe bariatric transport - 230 kg safe working load
- Adjustable rear telescopic handle for enhanced manoeuvrability in narrow spaces
- One hand operation, five-position front extendable handle
- Folds quickly and safely to a slim 230 mm depth
- Pneumatic opening system eliminates accidental opening and closing
- Ergonomic and rigid ABS seat surface is easy to clean
- Wall-mounted locking system (sold separately)

Optional Accessories	Code
Side Rail Armrest Kit	21-0084-001
Lower Limb Support Kit	21-0085-001
200 x 50 mm Wheel Kit	21-0087-001
Headrest	10-1964-001
Wall Mount Lock Kit	21-0086-001

Description	Code	Load Limit	Weight	DIMENSIONS CLOSED Width x Height x Depth	DIMENSIONS OPEN Width x Height x Depth
Venice Plus Chair	FWE21-0082-001-K	230 kg	15 kg	505 mm x 1010 mm x 200 mm	505 mm x 1000 mm x 760 mm
Venice Power Chair	FWE21-0083-001-K	230 kg	27 kg	540 mm x 1025 mm x 230 mm	540 mm x 1030 mm x 770 mm

POWERED AIRPORT PASSENGER TRANSFER CHAIR   *FWE-ALS328FPT*

The ALS 328 F-PT Chair provides a safe, efficient and convenient way to transfer mobility-impaired passengers when embarking and disembarking planes and within airports. It is specifically designed to fit within narrow plane aisles, reducing risk of injury and fatigue while increasing patient safety.

NEW

Features

- Push button operation allows the motorised POWERTraxx track system to effortlessly power the chair and passenger up or down stairs.
- Integral speed control prevents the chair from descending too quickly and electronic brakes automatically lock the tracks during stops on ascent or descent.
- Smooth 150 mm swivel wheels with brakes and extendable foot and head end handles provide operators with a user-friendly chair that's manoeuvrable when negotiating stairs over rough surfaces, carpet and hard surfaces.
- The chair's safety features and simple operation make it quick to deploy and easy to learn.

Length Handles Extended	Length Handles Retracted	Width	Height	Seat Height	Weight	Load Capacity Maximum
1640 mm	850 mm	370 mm	1230 mm	460 mm	36 kg	150 kg

BABY POD 20   *BPOD2.0*

1 Carbon fibre outer shell provides rigid and strong, yet light in weight protection

2 Shock absorbent foam lining feature removable and autoclavable covers

3 Vacuum mattress cocoons baby to maintain positioning and sense of security

The Baby Pod 20 provides a simple, safe and cost-effective solution to infant transport needs both by road and air and is perfect for hospital evacuations, air and ground medical transport and in-hospital transport.

Using Formula 1 materials and technology, the revolutionary Baby Pod 20 provides the security and warmth that a newborn needs at a fraction of the cost of a standard transport incubator, in a package that is light, easy to handle, and can attach to any transport stretcher. A large, transparent, sliding lid-canopy provides unimpeded access to the patient, even in a very space-restricted area.

- A sliding access port in the sliding lid allows direct access to the infant's feet
- Ventilator and tubing access is provided through four fixed shell openings (2 rear and 2 front)
- Efficient CO_2 evacuation system removes excess carbon dioxide via an underside exit valve
- Innovative vacuum mattress and restraint system provides secure patients positioning and restraint
- Shock absorbent interior foam is removable, washable and autoclavable
- Complies with AS/NZS 4535:1999
- Single-use TransWarmer Infant Transport Mattress sold separately

The Baby Pod 20 has been crash tested to 20g for vertical, side and forward directions making it suitable for transport in ground vehicles, helicopters or fixed wing aircraft.

Single use TransWarmer Infant Transport Mattress   *BPOD2-NEON03*

A non-electric, patented WarmGel technology which provides even, regulated heating and vibration absorption for up to two hours.

Length	Width	Height	Weight	Weight Limit
100cm	43 cm	30 cm	9.5 kg	< 8 kg

MEDKIDS BABY BOARD   *BRH-676*

The Medkids Baby Board helps maintain cervical neutral alignment in infants with the self-contained Pneumatic Positioning Device (PPD).

It accommodates the wide range of thoracic elevation requirements without any extra padding. Features a palm style pump with an air release valve for precise inflation and deflation, and offers versatile strap configurations with its adjustable three-point harness system. Made of durable Dupont Cordura and is X-ray translucent.

Key Features

- Compatible with Ferno stretchers and isolettes
- Crescent shaped head blocks secure cervical spines for infants too small for standard size cervical collars
- Accommodates all central lines, umbilical lines, chest tubes, urinary catheters and other invasive and non-invasive equipment
- Designed for pre-term neonates and larger infants ranging from 1 kg to 7 kg

MEDKIDS PAEDIATRIC BACKBOARD SLEEVE   *BRH-677*

The Medkids Paediatric Backboard Sleeve fits over standard adult backboards and functions in a similar way to the Medkids Baby Board to help maintain cervical neutral alignment with larger infants from 5 kg to 27 kgs.

It accommodates the wide range of thoracic elevation requirements without any extra padding and features a palm style pump with an air release valve for precise inflation and deflation.

The sleeve has a versatile patient strap configuration with an adjustable three-point harness system. The backboard sleeve is X-ray translucent and made of durable Cordura.

Key Features

- Adjustable to fit over standard adult backboards
- Rolls into a small, self-contained carrying case for storage
- Crescent-shaped compressible head blocks allow access and visual monitoring of the ears while maintaining immobilisation
- Designed for infants and children ranging from 5 kg to 27 kg

FERNO EVAC-U-SEAT   *VRES EVAQ V*

The Ferno Evac-U-Seat is ideal for the emergency evacuation of patients or for moving a patient from a seated position to a bed or stretcher.

It is constructed of tough reinforced nylon that is machine washable. Four handles assist in moving the patient short distances and a simple patient leg/waist strap provides patient security. The Evac-U-Seat can remain underneath the stretcher mattress or be attached to the stretcher frame in the supplied carry case. Rated to 152 kg.

FERNO WALK BELT   *FWE-WB-LS*

The Ferno Walk Belt has been purpose designed for paramedics and emergency healthcare professionals to assist patients while walking.

The Ferno Walk Belt secures around a patients waist and is fitted with eight handles, four horizontal and four vertical handles as well as 2 leg straps that substantially reduces the effort required to assist a patient whilst walking.

Suitable for machine washing and repeated use.

FERNO SAVER EVACUATION CHAIR   FWE-SEC (CHAIR); FWE-SECW (WALL BRACKET); FWE-SECC (COVER)

The Ferno Saver Evacuation Chair provides a simple intuitive solution for any emergency evacuation situation.

Originally designed to meet UK regulatory requirements, this chair and cover should ideally be located in the stairwell of each floor, ready for action whenever it is needed. The chair glides down stairs easily and smoothly and is designed to minimise heavy lifting or manual handling.

Key Features

- Adjustable handle improves operator control and comfort
- Comfortable, safe and long life vinyl seat
- Adjustable patient head pad
- Restraints are adjustable for patient security
- Includes generous 6-foot long restraints to accommodate all body shapes and sizes
- Chair is lightweight with a compact profile for unobtrusive storage and ease of use
- Available with wall bracket, cover and user instructions

Height Folded	Width Folded	Depth Folded	Height Deployed	Width Deployed	Depth Deployed	Weight	Load Limit
103 cm	52 cm	26 cm	133 cm	52 cm	91 cm	11.2 kg	180 kg

DHS PATIENT SLIDES

This range of traditional patient slides are available in an array of sizes including bariatric, for transferring all patients to and from hospital beds, stretcher, chairs and similar.

NEW

Model	Description	Length	Width	Depth	Weight	SWL
DHS-485A	Small (pair)	750 mm	570 mm	10 mm	2.7 kg	160 kg
DHS-485	Standard	1650 mm	495 mm	10 mm	5.4 kg	160 kg
DHS-486	Large	1611 mm	640 mm	5 mm	6 kg	160 kg

FERNO TRANSFER BOARD   FWESPS

The Ferno Transfer Board has a smooth top and bottom surface which allows for easy, low friction gliding, facilitating patient transfers. Comfort, convenience and adaptability are built into this transfer board. Manufactured from high impact polyurethane it features six grab slots with rounded, smooth edges for operator ease. The Ferno Transfer Board is latex-free.

Length	Width	Depth	Weight
97 cm	46 cm	0.5 cm	2kg

FERNO 341 CARRY SHEET   FWE341

The Ferno 341 Carry Sheet is widely accepted as a vital aid in the rapid evacuation of non-ambulance patients from hazardous situations.

Suitable for use with medical, surgical, psychiatric and geriatric patients, it is instantly available in emergency situations. Constructed of heavy-duty nylon, the Ferno 341 Carry Sheet is easily cleaned and reusable.

Length	Width	SWL
175 cm	68 cm	159 kg

FERNO MANTA RESCUE TRANSFER SHEET
FWEMRA (MAROON)

The Manta Rescue Transfer Sheet meets many rescue transfer needs.

It can be used to transfer and evacuate patients up to 363 kg and is also ideal for rescues in confined areas. Pockets at both ends will hold a backboard, patient's feet and head and has drain holes for possible water disbursement. Fire retardant. Available in Orange, Maroon or Drab Olive.

Length	Width	Weight	Load Limit
222 cm	115 cm	2 kg	363 kg

FERNO EZ SLIDE   *FWEEZSLIDE*

The Ferno EZ Slide patient transfer slide is a back saver for operators, while providing patients with a much gentler transfer experience. The EZ Slide features a low friction, waterproof sleeve encircling a padded inner board. This outer sleeve rolls around the inner board similar to a conveyor belt so that patients are conveyed to the second surface using a controlled, gentle push or pull motion.

With the EZ Slide, heavy patients can be transferred with much less effort and by one person if local protocols allow. Its radiolucent properties and simplicity of use makes the EZ Slide a cost effective and reliable patient transfer aid for pre-hospital, in-hospital and assisted care applications.

Key Features

- Lift-free patient transfer to minimise back strain and patient discomfort
- Resistant to fluids and can be wiped clean and disinfected for immediate re-use
- Radiolucent
- Simple operation minimises staff training
- Compact storage

NEW

Unfolded Excluding Handles	Folded for Storage	Working Load Limit	Weight (packaged)
1600 mm (L) x 500mm (W) x 20 mm (D)	440 mm (H) x 500 mm (W) x 40 mm (D)	200 kg	2.5 kg

EASY TRANSFER EMERGENCY STRETCHER MATTRESS   *MCM-ETM*

Developed with paramedics for practical patient handling and transfers, and to enhance patient safety and comfort during this procedure. Each wing has 5 durable handles (10 in total) for handling options including confined spaces. The wings fold under the mattress when not required. The mattress underside has a glass fibre layer for durability and reduced friction. 6cm deep memory foam mattress reduces patient pressure points. Full hygienic welds for easy cleaning.

Length	Width	Weight	Height	SWL
183 cm	45 cm	5.6 kg	8 cm	250 kg

BARIATRIC TRANSFER SHEET   *FWE-BTS*

Durable and ergonomically designed to perform bariatric transfer reliably time and again, reducing the risk of manual handling injuries. The Bariatric Transfer Sheet features strong hygienic, easy to clean PVC and is x-ray translucent. Each side has six easy-grip carry handles which fold away neatly when not required.

Length	Width including Handles	Width Handles Folded	Load Limit	Weight
1920mm	1130 mm	950 mm	380 kg	2.2 kg
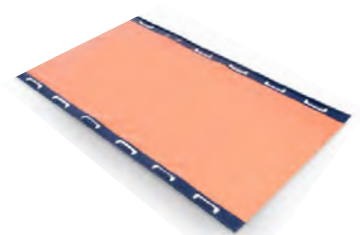
DHS CARRY SHEET WITH REMOVABLE SPINE

A vital aid in the transfer of patients on and off ambulance and emergency cots.

Supplied with a removable spine allowing for easy removal of the carry sheet from under a patient and eliminating the need for log rolling. Made from easy to clean vinyl with moulded alloy carry handles. Also available in a larger bariatric version up to 250kg.

Code	Model	SWL	Length	Width	Weight
DHS-514	Standard	180 kg	1670 mm	610 mm	3.8 kg
DHS-514B	Standard + handles	180 kg	1670 mm	610 mm	4.5 kg
DHS-493	BARIATRIC	250 kg	1900 mm	730 mm	6 kg

GERMA EVACUATION MATTRESS *GM-EM (MATTRESS), GM-EMB (WALL MOUNT BAG)*

NEW

For cost effective, fast, user friendly and patient supportive evacuation, you can do no better than the Germa Evacuation Mattress.

The mattress is simple and intuitive for operators to use with colour coded restraints and large, fast-action restraint buckles. Flat, non-curled side wings that wrap around the patient also act as transfer sheets to enable fast patient transfer from bed to evacuation mattress.

The mattress underside is made with reinforced fibreglass that provides an ideal, low friction and robust exterior for sliding over various floor surfaces. Unlike thin plastic-shelled evacuation devices, the Germa Evacuation Mattress includes integrated internal padding which provides comfort and support when descending stairs or negotiating sharp edges.

The mattress is heat welded for easier cleaning and disinfecting. It stores flat and may be wall-mounted for fast immediate action.

Length	Width	Depth	Weight
205 cm	50 cm	4 cm	3.4 kg

S-CAPEPOD BUDGET EVACUATION SHEET *TET-5083210000*

This is an evacuation sheet that provides superb performance and advanced technology to elevate your emergency preparedness plan, even when your spending plan is tight.

This low-cost evacuation solution is a great tool to help bedridden patients escape in emergencies. Designed alongside Belgian ergonomists, every feature of the S-CAPEPOD Budget Evacuation Sheet ensures a simple, safe and quick escape while preventing or reducing work-related injuries.

The Evacuation Sheet is placed under the mattress using four strap adjusters to ensure it is ready for immediate use in an emergency. Two quick release patient restraints secure the patient while easy access foot and head end pulling straps provide options for emergency egress.

Each sheet is treated with Sanitized® — an anti-bacterial treatment to eliminate bacteria and is also fire retardant to EN597 M1.

Contact Ferno or visit our website to explore this and more feature-rich models within the S-CAPEPOD series.

BARIATRIC S-CAPEPOD (300KG) *TET-5N88888812*

The Bariatric S-CAPEPOD is the only evacuation sheet made specifically for larger individuals.

Extra abdominal belts plus full over-body wing style belts cocoons the patient with the mattress to prevent patient movement during staircase evacuation. The Bariatric S-CAPEPOD is permanently placed underneath the mattress ready for speedy deployment in emergencies. Its intuitive design makes the Bariatric S-CAPEPOD amazingly simple to use, allowing 2 or 3 rescuers prepare the patient ready for evacuation in approximately one minute.

Each evacuation sheet is treated with Sanitized® anti-bacterial treatment and is fire retardant to EN 597 M1. The Bariatric S-CAPEPOD is also available in a similar 500 kg version using Dyneema® - the world's strongest fibre.

Code	Model	Fits Mattress	Load Capacity	Weight	Material
TET-5083210000	S-CAPEPOD Budget Evacuation Sheet	80 - 90 cm (W) x 210 cm (Max Length)	150 kg		Polyester
TET-5N88888812	Bariatric S-CAPEPOD (300 kg)	100 - 125 cm (W) x 216 cm (Max Length)	300 kg	2.5 kg	Polyester

S-CAPEPLUS BASIC EVACUATION MATTRESS   *TET-5N88888886; TET-5N88888802 (WALL COVER)*

NEW

Prepare your organisation for an emergency evacuation. The S-CAPEPLUS Basic Evacuation Mattress is the perfect solution allowing safe horizontal or vertical evacuation of immobile individuals. The evacuation mattress may be stored on site or taken to site by emergency personnel. Its simple and comfortable design makes it easy to use and patients can be prepared within 30 seconds. The Basic Model comes standard in a blue bag. Treated with Sanitized® anti-bacterial treatment, each mattress is also fire retardant to EN597 M1.

• 	An S-CAPEPLUS Premium Evacuation model with head blocks and made from Dyneema® is also available.
• 	Optional Green Wall Cover is designed to protect the S-CAPEPLUS ready for immediate use.

S-CAPEPLUS INFLATABLE EVACUATION MATTRESS

NEW

S-CAPEKIDS EVACUATION MATTRESS

The S-CAPEPLUS Inflatable Evacuation Mattress reduces the need to lift and carry patients from home, building and other challenging evacuation scenarios. Designed collaboratively with European paramedics, the S-CAPEPLUS Inflatable Mattress simplifies and reduces physical effort during medical evacuations while providing improved patient comfort.

The mattress can be stored in-vehicle and carried to the patient. Its slim design allows it to be safely placed and restrained to any ambulance stretcher.

The mattress base is made with Dyneema® fabric which has an extremely high tensile strength - ideal for dragging across textured surfaces. Head blocks can be utilised for additional stabilisation.

The S-CAPEKIDS Evacuation Mattress is designed for the safe evacuation of newborns, toddlers and babies.

The device consists of four individual compartments which allows one or two carers to safely evacuate four babies simultaneously from a building. Designed to be efficient, easy to use and comfortable for patients, the S-CAPEKIDS evacuation mattress is a simple but effective solution for rapid egress up or down stairs, through corridors and walkways towards safety.

For a limited period and subject to availability, one green Wall Cover will be supplied with each S-CAPEKIDS Evacuation Mattress.

Code	Model	Dimensions	Load Capacity	Weight	Material
TET-5N88888886	S-CAPEPLUS Basic	60 cm (W) x 210 cm (L) x 7 cm (D)	200 kg	6 kg	Polyester (flame retardant, anti-bacterial
TET-5NINFL6021	S-CAPEPLUS Inflatable	60 cm (W) x 210 cm (L) x 7 cm (D)	300 kg	2.5 kg	Trivera CS Polyester/Dyneema
TET-5N85250016	S-CAPEKIDS Baby & Infant	235 cm (W) x 235 cm (L) x 7 cm (D)	80 kg	6.5 kg	Trivera CS Polyester

NAJO LITE
BSBN-L (STANDARD); BSBN-LP (WITH PINS); FWEBSBNSESKIT (BASE PACKAGE); FWE-NAJO-PA (IMMOBILISATION PACKAGE)

Our lightest and most popular backboard at just 6.5 kg.

Angled edges, 22 hand hold positions and a tapered foot end provide excellent hand grip comfort as well as limitless lift and handling options in industrial or confined spaces.
- 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.

Base package Supplied as a board only or the Base Package with Najo Lite Backboard and 3 body restraints to facilitate the transfer of a patient.

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

Immobilisation Package

Board Only
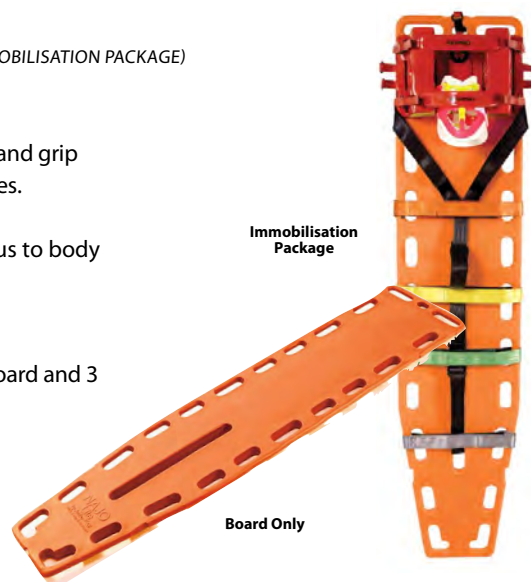
NAJO REDIHOLD   *BSBN-RH (STANDARD) BSBN-RHP (WITH PINS)*

Our top of the line backboard with a 272 kg SWL.

- 22 comfortable hand grip positions including two at the foot and head end.
- Tapered foot end for confined space handling and angled edges for easy log-rolling.
- 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.
- Guaranteed for life under normal usage.
- Available with optional speed clip pins.

NAJO SPORTS/BARIATRIC BOARD   *BSBN-S*

Designed for larger patients. Longer and wider than other backboards with a SWL of 455 kg.
- 22 large hand grip positions including two at the foot and head end
- 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
- Guaranteed for life under normal usage
- Available with optional speed clip pins

MANTIS TRI-FOLD EVACUATION BOARD   *FWE-MTF (BOARD), TRAV05-0154 (BACKPACK)*

Compact and light, simple to deploy and extremely durable. Ideal for vehicle extraction because of its slimline design.

The Mantis has generous hand holds and accepts all common restraint systems. Folds in three sections for compact storage.

- Deploys in seconds
- 227 kg load rating
- Optional backpack carrier
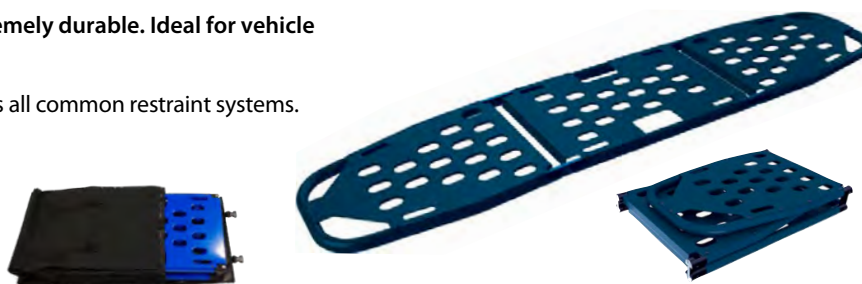
IMMOBILISATION

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-UBCC
NAJO Redihold	BSBN-RH / BSBN-RHP	183 cm	N/A	183 cm	41 cm	4 cm	7 kg	272 kg	MCC-UBCC
NAJO Sports/Bariatric	BSSS-265	201 cm	N/A	201 cm	51 cm	6 cm	12 kg	455 kg	N/A
MANTIS Tri-Fold	FWE-MTF	183 cm	63.5 cm	183 cm	41 cm	2.7 cm	5.8 kg	227 kg	TRAV-05-0154

FERNO CARBON FIBRE SPINEBOARD DHS-390CF

At a lightweight 5kg the Ferno Carbon Fibre Spine Board is the only one of its type in the world combining unmatched strength, rigidity, flotation, ease of carry and comfort for patients of up to 220 kg.

14 large raised handholds provide great manual handling opportunities. Compatible with stretcher patient harness allowing full transportability of patient from incident to hospital. Easy clean, fluid safe surface. MRI, CT compatible and X-Ray translucent.

SAVER SCOOP STRETCHER BSSS-265 (WITH THREE RESTRAINTS)
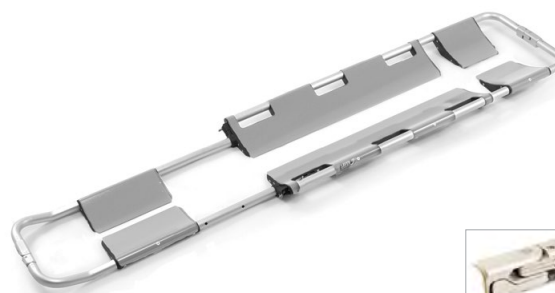
Twin safety locks

Can be placed under the body without the need for rolling or lifting allowing safe and quick recovery while reducing patient and user risk of injury.

Once the end clasps are uncoupled the Scoop slides under the body with a scissor-motion. Telescoping frame for varying patient heights. Folds for compact storage. Narrow foot end frame for confined space handling. Robust aluminium frame and panels.

Optional model 385-C Storage/Carrying Case available.

FERNO 65 SCOOP STRETCHER BSSF-65

Ferno's economy based 65 Scoop Stretcher provides both quality and a great price.

The 65 Scoop eliminates the need for log-roll manoeuvres, which significantly decreases movement to the cervical spine. The Scoop is also ideal for hip injuries and for accident victims found on the street. This all aluminium scoop uncouples at either end or both ends and folds length ways for storage.

Available with or without restraints.

FERNO EXL SCOOP STRETCHER BSSF-EXL (3 RESTRAINTS);
BSSF-EXLP (WITH PINS - NO RESTRAINTS); BSSF-EXLG (GREY 3 RETRAINTS)

Optional speed clip pins

Folds for compact storage

Provides superior comfort and safety to patients who need spinal immobilisation. Hinged, interlocking ends allow the halves to join beneath the patient and gently scoop them up eliminating log-roll manoeuvres and decreasing cervical spine movement.

Recessed head section to maintain proper cervical alignment. Oval profile and angled handles provide ergonomic ease of use. Narrow foot end frame for confined space handling. X-ray translucent, composite material thermally treated to not get too hot or cold. Impervious to fluids, easy to clean.

Four adjustable length options. Includes three restraints.

Product	Code	Length (open)	Length (folded)	Length (max)	Width	Depth	Weight	Load Limit	Compatible Case
Carbon Fibre Spine Board	DHS-390CF	183 cm	N/A	183 cm	42 cm	6 cm	5 kg	220 kg	MCC-889
Saver Scoop Stretcher	BSSS-265	166 cm (min)	120 cm	201 cm	42 cm	7 cm	9.7 kg	159 kg	MCC-889 or MCC-385C
65 Scoop Stretcher	BSSF-65	165 cm (min)	120 cm	201 cm	43 cm	7 cm	8 kg	159 kg	MCC-889 or MCC-385C
EXL Scoop Stretcher	BSSF-EXL	165 cm (min)	118 cm	202 cm	43 cm	7 cm	8 kg	227 kg	MCC-889 or MCC-385C

FERNO SCOOP EASY LIFT HARNESS   *BSSF-PS0765EXL*

A simple, easy to attach four point harness for lifting the EXL Scoop. Allows patients to be simply and securely lifted with a hoist and transferred short distances.

Tested in accordance with ISO 10535 Hoists for the transfer of disabled persons.

Maximum load 227kg. Weight 2.3kg.

TSL EXTENDER   *25-0030-001 (SINGLE) 25-0030-002 (EXTENDER KIT)*

25-0030-002 Extender Kit

When attached to the head-end, foot-end or at both ends, the Ferno TSL Extender allows the EXL Scoop to be extended in shape and width to accommodate patients of differing body shapes and sizes from young, old, small to large including bariatric patients and sports casualties.

- The TSL extenders are easy to apply and simply clip in between each half of the EXL Scoop
- SWL 227 kg
- Single Extenders sold individually or in a kit with two Extenders, three restraints and bag.

UNIVERSAL BACKBOARD/SCOOP CARRY CASE
MCC-889 (UNIVERSAL); MCC-385C (SCOOP FOLDED)

Ferno backboard and scoop carry cases are made from heavy duty vinyl and will provide years of service and protection for your valuable equipment. Two models are designed to carry nearly every option of backboard and scoop stretchers.

MCC-889 Universal Carry Case

The MCC-889 Universal Carry Case has a generous length and width allowing scoop stretchers to be stored in extended positions 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-385C Scoop Carry Case

The MCC-385C Scoop Carry Case is designed specifically for Ferno and Saver Scoop Stretchers when shortened and folded into their shortest storage position only. Two eyelets sewn into webbing allows for hanging onto a wall. A central carry handle is also provided.

IMMOBILISATION

FERNO PATIENT RESTRAINTS

To compliment your Ferno backboard or Scoop Stretcher, Ferno offers a complete range of restraints with various connection, colour, length and patient application options to best suit your restraint and immobilisation techniques.

BRR-43025REST	Two-piece five foot double bar buckle
BRR-43017	One-piece seven foot metal buckle
BRR-43017P	One-piece seven foot plastic buckle
BRR-43025	Two-piece five foot metal buckle
BRR-43025SC	Two-piece five foot metal buckle with speed clip connectors **
BRR-43025P	Two-piece five foot plastic buckle
BRR-43025PSC	Two-piece five foot plastic buckle with speed clip connectors **
BRR-43027	Two-piece seven foot metal buckle
BRR-430VSC	Velcro one-piece restraint, variable in length, with speed clip connectors **

** Compatible with 390CF, 389RB and boards with speed clip compatible pins

THOMAS LIFT HANDLE *THOM-THS810*

For EMS professionals, most back injuries occur while lifting.

The Thomas Handle will attach to any backboard and reduces the amount of bending when lifting a backboard by adding approximately 30 cm to the lifting point, thus lessoning back strain, eliminating awkward lifting angles and minimising abrasions on the hands and knuckles.

These handles come in a set of four.

THOMAS BACKRAFT *THOM-BR (MATTRESS); THOM-BRP (PUMP)*

An inexpensive, resposable air mattress that reduces secondary injury, including pressure sores, from prolonged immobilisation on a backboard.

Inflates in seconds filling the voids between patient and backboard providing patient comfort. Allows for full function of the backboard and patient restraint systems. 100% latex free and X-ray transparent. Pump sold separately.

FERNO SHORT RESCUE BOARD *DHS-389RB*

The 389RB sports a fresh colour scheme but remains the tried and trusted extrication board of choice.

The Short Rescue Board features 12 integrated speed clip points and six hand holds. The board's unique design gives both rigidity and strength plus it can be used for patient protection during extrication.

Length	Width	Weight
88 cm	42 cm	3 kg

FERNO XT
FWE-XT1/2 (Board only)   FWE-XTRES (Restraint Kit)
FWE1/2KIT (Board & Restraint Kit)

A revolutionary half size backboard designed for rapid extrication and spinal immobilisation in confined space areas and critical situations. It can accommodate a wide range of patients and clinical protocols including paediatric, special needs, bariatric, and pregnant women.

Key Features

- Easy application with four high-visibiity colour-coded restraints and buckles, Quick Head Immobiliser (QHI), and a smooth surface that slips behind the patient
- Convenient extrication with four carrying handles
- A lightweight, composite fibre board that is 100% X-ray transluscent and easy to decontaminate
- Dimensions: L 83 cm x W 30 cm

FERNO XT FLOATING *FWE-XT FLOATING*

The XT Floating is a kit designed to ensure extreme manoeuvrability during water rescue.

The semi-rigid polyurethane head and two side floats ensures optimal support, keeps the patient's head above water, and prevents capsizing while protecting the victim from accidental impacts.

Includes: XT Board, QHI Head Immobiliser, Floating Restraints and Carry Bag.
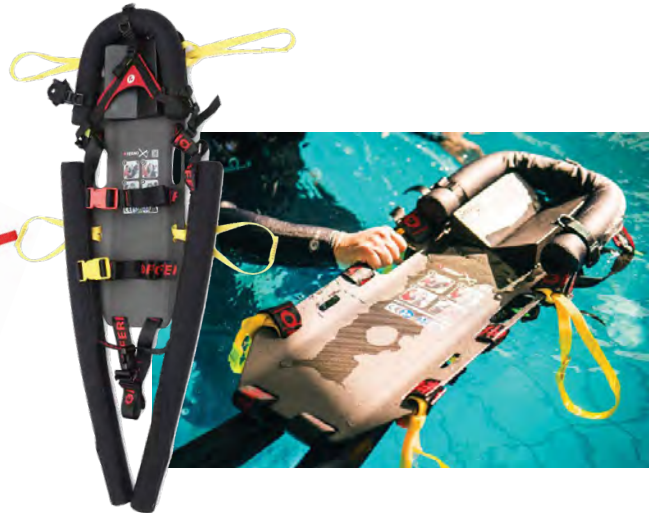
FERNO KED PRO EXTRICATION DEVICE *FWE125-2*

The Ferno KED Pro has many industry requested improvements to the original Ferno KED. These improvements enhance patient comfort and user functionality, resulting in better patient outcomes.

Key Features

- Colour-coded webbing & improved head/chin straps
- Wide padded spine support section
- Additional deceleration strap for holding shoulders back
- Better head stability and security with wider head support piece
- Two additional standing take down manoeuvre straps
- Fold back chest flaps allow chest examinations electrode access
- Backpack carry bag with room for storage of neck collars
- Padded leg straps, quick connect buckles for confined space rescue operations
- Rated rear handles for confined space rescue lifting with optional KED Pro lifting bridle

FERNO KED (KENDRICK EXTRICATION DEVICE) *FWE125*

A versatile means of immobilising and extricating patients from vehicles or confined spaces.

Provides rigidity and immobilisation of the spine, neck and head during extrication. X-rays or advanced life support procedures can be performed with the KED in place. Includes wrap-around vest, neck roll, two head straps, carry case.

FERNO KED PRO LIFTING BRIDLE *BRB-KED*

Assists in the vertical extrication of patients with a KED Pro fitted.

Interface between the KED Pro and a rope hoist, cable or other lifting device. Three adjustable, colour coded and labelled attachment straps for connection to the lower carry handles and to the top central carry handle.

FERNO FULL BODY VACUUM MATTRESS
SVVM-AGB (MATTRESS, PUMP & CASE); SVVM-AGB-PUMP (PUMP ONLY)

Provides immobilisation of suspected vertebra, pelvis or limb trauma.

Extracting air forces the mattress to become hard and mould around the patient's body contours allowing full body immobilisation without pressure points. Increases comfort and reduces the risk of additional trauma. Mattress underside has three heavy duty, fire-retardant layers to protect against punctures.12 carry handles. X-ray translucent and easy to clean. 220 kg SWL. Supplied with four colour coded patient restraints, carry bag, repair kit and pump.

EASYFIX RESCUE LITE FULL BODY SPLINT   *SVVM-AGB-RL*

Purpose designed by European remote area rescue technicians for patient stabilisation and immobilisation when used with a rescue basket stretcher. The improved mattress shape allows full body immobilisation of all size patients with enhanced lifting options and capacity for patient transfer. The mattress has a reduced weight and storage space of 35% compared to Easy Fix Vacuum Mattresses.

Key Features

* X-ray and MRI translucent minimising in hospital patient handling
* X system design, colour coded patient restraints with large buckles
* Six operator handles for easy lift and transfer of patient
* Reinforced base plate for increased spinal rigidity
* Reinforced underside for durability and reduced friction
* Evenly dispersed granule chambers for optimal immobilisation
* Allows patient ear visibility for communication and observation
* Head, neck and upper back suitable for stabilisation without cervical collar
* Head pillow supplied and suitable for patients without cervical collar
* Innovative adapter free valve fit almost all suction devices
* Reverse air lock needs no valve closing after suction
* Holds vacuum for more than 24 hours
* Robust full mattress weld, no seams or textiles for hygienic cleaning
* Flame retardant outer materials and granules
* High volume alloy vacuum pump evacuates air quickly
* Light weight with reduced storage area
* Repair kit supplied

NEW

EASYFIX PLUS VACUUM MATTRESS   *SVVM-AGB-EASYFIXPL*

The EasyFix Plus Vacuum Mattress has been designed to facilitate transfer of patients without cervical collars per recent medical studies out of Europe. The EasyFix Plus shares the same features as the EasyFix.

* A unique body shape design to optimise capabilities
* 20% reduction in storage space
* Full body, pressure point free, immobilisation.
* Ten carry handles
* X-ray, CT & MRI transparent
* Cross fixation restraint system
* Supplied with carry bag, repair kit and pump
* Easy to clean
* 250 kg SWL

In addition to these features the EasyFix Plus' head, neck and upper back has been redesigned and reinforced into one piece for improved immobilisation capacity when not using a cervical collar. A redesigned head strap system compliments these innovative changes. The underside of the mattress has a new, fire retardant, glass fibre layer to reduce friction and increase durability.

FERNO HEAD IMMOBILISER EXL   *CCI-365E*

Provides all the great features of the Universal Head Immobiliser with a unique shape to fit the Ferno Scoop EXL. Soft head straps conform to patient's forehead. Large ear holes for monitoring the patient's ear canal. Minimal interference with X-ray, MRI or CT scan procedures. Waterproof plastic coating makes it easy to clean.

QHI QUICK HEAD IMMOBILISER   *CCI-QHI*

A simple design for rapid deployment. Low density, polyurethane coated foam that is easy to clean. Shallow V shaped design allows the head to rest on two points providing improved stability. A neoprene head strap with double sided adjustment provides a variety of fixing options. Compatible with Ferno Scoop and backboards.

FERNO HEADHUGGER HEAD IMMOBILISER   *CCI-455*

Ideal for mass casualty or as an inexpensive alternative to reusable head immobilisers. Constructed of durable, heavy grade, water proof corrugated plastic. Slimline profile for bulk storage. Independent support panels fold around the patient's head and can be moulded to fit the patients head contour. Radiolucent with minimal MRI and CT interference. Single use.

FERNO UNIVERSAL HEAD IMMOBILISER   *CCI-445*

Simple to use and apply to a Ferno backboard. Lightweight and easy to clean. Composed of two plastic coated, closed-cell foam head supports, a universal attachment base and two durable head straps. Large ear holes for monitoring the patient's ear canal. The head supports can be used separate to base on standard backboards, or reversed for use on the Ferno EXL or Saver Scoop Stretcher. Radiolucent with minimal MRI and CT interference.

FERNO WIZLOC COLLAR   *CCF-WL (PINK); CCF-WLG (GREEN)*

The Wizloc allows on-patient sizing and fits 90% of patients (2 years old to large adult).

Three-step application is simple and fast regardless of patient position. Self-centring mandible support allows custom fit to the patient. Occipital support accommodates all sizes. Can be decontaminated and reused up to 10 times. X-ray transparent and MRI compatible

Also available in OD green

LAERDAL STIFNECK COLLARS

Laerdal Stifneck Collars are available in the original Multi Size or the adjustable Select that both use the original same sizing and application method. Stifneck collars offer outstanding motion restriction without hyperextension or limiting access to airway. The full size range fits the entire patient population. Radiolucent, MRI and CT scan compatible.

Code	Model	Code	Model
LAER-980600	Tall	LAER-980500	Regular
LAER-980400	Short	LAER-980300	No Neck
LAER-980200	Paediatric	LAER-980100	Baby No Neck
LAER-980010	Select Adult	LAER-980020	Select Pedi

Select   Multi Size

IMMOBILISATION

SAGER BILATERAL SPLINT   *SVTS-S304*

Sager splints are the world's only emergency traction splints with quantifiable, dynamic traction that allows accurate traction documentation.

The Sager Bilateral Splint stays within the adult body silhouette and treats either single or bilateral lower limb fractures for both adults and children from 5th to 99th percentile. This splint has an articulating base that hinges to apply counter traction more directly on the ischial tuberosity. Indicated for treatment in proximal third and mid-shaft femoral fractures for a broader range of application..

SAGER INFANT BILATERAL SPLINT   *SVTS-S300*

The Sager Infant Bilateral Splint is the only splint in the world that is designed to treat children from birth up to the age of six.

The Sager Infant Splint eliminates the risk of over-traction and its detrimental effects to epiphyseal growth centres, knee edema and excessive distraction of bone ends.

SAGER EXTREME SPLINT   *SVTS-S404*

The Sager Extreme Splint is ideal for extreme environments.

Robust and lightweight, it is easily carried in most backpacks and folds into a compact 35 cm x 28 cm x 11 cm carry case. The Sager Extreme Splint treats single or bilateral lower limb fractures for both adults and children from 5th to 99th percentile, and is radiolucent to all areas of a femoral fracture.

The splint has a multi-patented articulating base and is hinged so that it swings left or right to apply counter-traction more directly on the ischial tuberosity in all types of body shapes.

FERNO VACUUM SPLINT SET   *SVVS-F*

The Ferno Vacuum Splint Set provides maximum support with minimum effort. Each splint is constructed of durable vinyl coated nylon that is supple enough to be moulded around an injured extremity. Air is extracted via the pump supplied forcing the splint to become hard and mould around the patient providing local immobilisation without inward pressure, reducing the risk of additional trauma.

The complete set includes three splints (small, medium and large), compact vacuum pump, repair kit and carry case.

KENDRICK TRACTION DEVICE (KTD)   *SVTS-KTD*

Cost effective, compact and lightweight, the Kendrick Traction Device (KTD) is ideal for remote area operations and outdoor activities. The traction pole length quickly adjusts for adult or paediatric application, eliminating the need for patient roll-over or unnecessary leg raising. There is no ischial bar, which reduces pressure problems. The KTD comes complete within a very compact storage pouch with easy-to-follow instructions.

	Length	Width	Weight
Size (stored)	24 cm	9 cm	567 g

FERNOTRAC TRACTION SPLINT
SVTS-FA (ADULT), SVTS-FC (CHILD)

The FernoTrac Traction Splint has been the standard for ambulance services for treating patients with suspected long bone fractures of the lower extremities.

It provides easy to use, dependable traction to relieve pain and reduce the possibility of further vascular and nerve damage. Available in both paediatric and adult versions.

FERNO FRAC CARDBOARD SPLINT *SVCB-FF*

Low cost, compact and convenient leg splint. Water resistant waxed cardboard. X-ray transparent and MRI compatible. Folds and locks into position for additional ankle and foot support. Packs flat ready for use. One size can be shaped to suit all.
Length: 99 cm   Width: 33 cm

CARDBOARD SPLINT *SVCB-S (SMALL); SVCB-L (LARGE)*

A low-cost, compact and convenient alternative with the capacity to immobilise a broad range of injuries. Available in two sizes.

	Length	Width
Large	77 cm	33 cm
Small	41 cm	25 cm

FERNO FINGER SPLINT KIT
FWE-FSK

The Ferno Finger Splint Kit contains a variety of the most commonly used splints. The splints are manufactured from soft aluminium which makes them X-ray translucent and ensures ease of application. The Splints are malleable and can easily be formed to fit each patient exactly. Each kit contains 5 different splints in a variety of sizes for a total of 25 splints.

SAM SPLINT ORIGINAL

The Sam Splint Original is an extremely pliable multi-purpose splint and is built from a thin core of aluminium alloy, sandwiched between two layers of closed cell foam.

Bent into various shapes and curves, it becomes extremely strong and supportive for any fractured or injured limb. The Sam Splint Original is also ideal for splinting IV's.
Available in a range of sizes, it is lightweight, radiolucent, reusable and very portable. Almost any bone in the body can be splinted with Sam Splint.

Code	Product	Length	Width
SVPS-S36	Sam Splint 36"	91 cm	10 cm
SVPS-SG36	Sam Splint 36" Grey	91 cm	10 cm
SVPS-S36XL	Sam Splint 36" XL	91 cm	14 cm
SVPS-S18	Sam Splint 18"	46 cm	10 cm
SVPS-S9	Sam Splint 9"	23 cm	10 cm
SVPS-SF	Sam Splint Finger	9.5 cm	4 cm

SAM SPLINT SOFT

Thumb spica splint

Ulnar gutter splint

Clamshell splint

Volar splint

Exceptionally comfortable and versatile, strong and malleable like the Sam Original Splint. The Soft Shell Splint is designed for quick and easy application when a patient needs to wear a forearm splint for more than a few hours or even several weeks. The soft aluminium core allows it to be moulded to fit the patient's hand, wrist and forearm. The Sam Splint Soft is thicker on one end than on the other, providing two levels of rigidness. Add the comfort of an open-cell foam interior covered in terry cloth and you have the most versatile forearm splint available today. The Sam Splint Soft is available in three sizes.

	Product	Length	Width
SVPS-SSS9	Sam Splint Soft 9"	22.5 cm	10.5 cm
SVPS-SSS12	Sam Splint Soft 12"	30 cm	10.5 cm
SVPS-SSS15	Sam Splint Soft 15"	38 cm	10.5 cm

IMMOBILISATION

SAM PELVIC SLING
SVSP-S (EXTRA SMALL); SVSP-M (STANDARD); SVSP-L (EXTRA LARGE)

The SAM Pelvic Sling II is the only force controlled circumferential pelvic belt scientifically proven in peer reviewed studies to safely and effectively reduce and stabilise open-book pelvic ring fractures.

It will not over or under tighten providing the clinically proven and appropriate force to be applied to the patient. The SAM Pelvic Sling II is compact, easy to use and quick to apply. It's durable, radiolucent, MRI safe and can be cleaned for re-use with common detergents or anti-microbial solutions.

The standard size fits 98% of the adult population. Available in military OD green.

Auto-Stop Buckle cannot be overtightened

SAM® JUNCTIONAL TOURNIQUET (SJT)
SAM-SJT102 (WITH EXTENDER)

Designed to control severe bleeding in inguinal or axilla areas where standard tourniquets would not be effective, such as with IED/Blast injuries or high level amputations.

Compact and easy to use (only four steps), and quick to apply - typically under 25 seconds. The Target Compression Device (TCD) is placed at or near the injury site and pumped up until the bleeding stops. Two TCDs can be used to occlude blood flow bilaterally if needed.

The rugged design ensures the device stays firmly attached to the patient during transport. The SJT can also stabilise pelvic fractures with its patented buckle providing clinically correct force. Approved for Axilla Haemorrhage. Designed to exceed MIL-STD-810g requirements.

Inguinal Haemorrhage Control　　　**Axilla Haemorrhage Control**　　　**Immobilisation of a Pelvic Fracture**　　　**Target Compression Device (TCD)**　　　**Compact packaging**
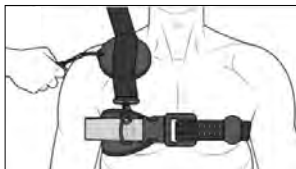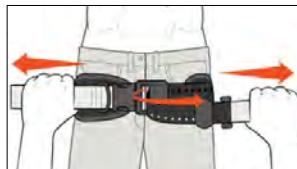
SAM EXTREMITY TOURNIQUET *SAM-XT-M (MILITARY); SAM-XT-C (CIVILIAN)*

Engineered for rapid application the SAM XT's innovative design requires less windlass turns and enables easier, faster training and intuitive use.

- The Trueforce buckle technology eliminates tourniquet slack with locking prongs set at 22 pounds force.
- The SAM XT has a circumferential range of 14 cm to 89 cm.
- Exceeds MIL-STD 810G for durability.
- Available in Military Black or Civilian Orange.

Length	Width	Height	Weight
6.3 cm	3.80 cm	18.4 cm	108 g

TRUFLEX™ PLATE

Durable nylon construction distributes force as targeted pressure for maximum strength and flexibility, able to bend on smaller extremities without breaking.

TRUFORCE™ BUCKLE

Innovative auto-lock technology activates locking prongs, eliminating slack typically found in all tourniquet applications.

METAL WINDLASS ROD

Machined from extruded bars of strong, lightweight 6061-T6 true billet aluminium for consistent reliabilty when compared to plastic composites

WINDLASS C-HOOKS

Secures the Metal Windlass Rod using an intuitive angular design, making windlass locking easier and more efficient.

TIME BAND

Weather-resistant velcro functions when fully sumerged, providing maximum security in the harshest weather. Outer material is optimised for night vision.

THE SAM CHEST SEAL *SAM-CS062013*

SAM® Chest Seal is engineered to treat, seal and reseal open chest wounds. After simple and quick application, it sticks relentlessly with blood, hair, sweat, sand, under water and through extreme heat or cold, no matter the elements.

The large oval shape dressing (23 cm x 19 cm) maximises the seal area while its transparency, elasticity and pliancy ensures the best adhesion.

The rigid, raised-dome valve ensures one-way airflow from the chest cavity no matter the pressure applied. Large side vents minimise internal obstruction from blood clots or soft tissue. Whether in transport or in the presence of heavy body armour, the SAM Chest Seal TRUFLOW™ Valve continues to vent.

The SAM Chest Seal has an industry-leading six year shelf life and meets CoTCCC-preferred features. NSN #: 6510-01-658-7745

IMMOBILISATION

43
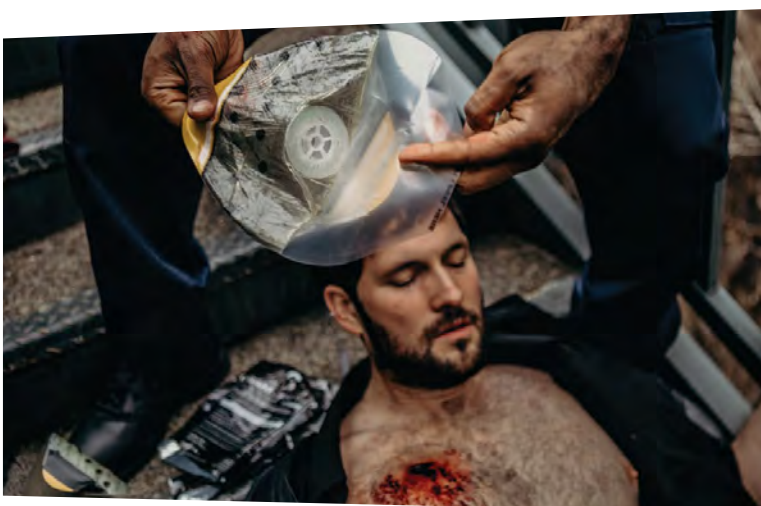
SAM® IO INTRAOSSEOUS ACCESS SYSTEM

The SAM IO Intraosseous Access System is for emergency providers of civilian and miitary pre-hospital and hospital healthcare.

The SAM IO system offers an effective, cost-conscious and more reliable option to quickly and easily administer critical fluids and medications into a patient's vascular system. The manual operation eliminates battery-related failure and reduces the weight of the Driver.

SAM IO DRIVER is a multi-use, manually operated intraosseous access driver that offers a more tactile feel for needle placement. Its ergonomic, non-slip handle suits a broad range of hand sizes while its quick-connect hub enables easy connection of needles .

Catheter placement is achieved by repeatedly compressing the driver's trigger assembly while gently guiding the needle assembly into position. Each full trigger actuation creates rotational spin of the needle assembly which, when combined with gentle downward pressure results in controlled IO placement. Once the SAM IO's needle assembly is properly positioned, the stylet is removed to expose a standard Luer-lock fitting for extension set connection.

Weighing only 70g, the patented SAM IO Driver is lightweight but packs a powerful punch. It is robustly built to military standards and cleared for over 10,000 actuations.

SAM IO NEEDLES are 15-gauge and available 15mm, 25mm and 45mm lengths to accommodate multiple application sites and a broad range of patient demographics.

Needle colours and depth indicators adhere to industry standards for easy adoption. Cutting flutes at the needle tips have been optimised to penetrate cortical bone efficiently. Each sterile-packed SAM IO Needle includes the needle, an extension tube and NeedleVISE® for sharps containment.

SAM IO STABILISER features a cylinder design to shield the IO needle from dislodgement. The cylinder does not touch the needle itself, thus potentially offering additional protection.

SAM IO ADAPTOR attaches to the Driver's quick-connect hub to enable alternative IO needle designs to be used with the SAM IO Driver.
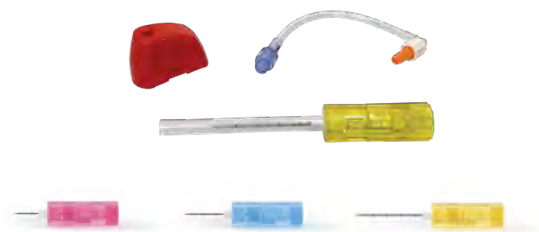
Code	Product	Quantity	Description
SAM-IO700-EN	SAM IO Driver	Single Unit	Manually operated intraosseous access driver drills the needle into bone
SAM-IO705-1P-EN	SAM IO Needle 15mm	Single Unit	Extension Tube and NeedleVise Block included with each needle
SAM-IO705-5P-EN	SAM IO Needle 15mm	5 Pack	Extension Tube and NeedleVise Block included with each needle
SAM-1O706-1P-EN	SAM IO Needle 25mm	Single Unit	Extension Tube and NeedleVise Block included with each needle
SAM-1O706-5P-EN	SAM IO Needle 25mm	5 Pack	Extension Tube and NeedleVise Block included with each needle
SAM-1O707-1P-EN	SAM IO Needle 45mm	Single Unit	Extension Tube and NeedleVise Block included with each needle
SAM-1O707-5P-EN	SAM IO Needle 45mm	5 Pack	Extension Tube and NeedleVise Block included with each needlev
SAM-IO740-1P-EN	SAM IO Stabiliser	Single Unit	Cylinder design intended to protect the catheter from dislodgement
SAM-IO740-5P-EN	SAM IO Stabiliser	5 Pack	Cylinder design intended to protect the catheter from dislodgement
SAM-IO742-EN	SAM IO Adaptor	Single Unit	Attaches to the SAM IO Driver to accommodate alternative IO needles

NEW
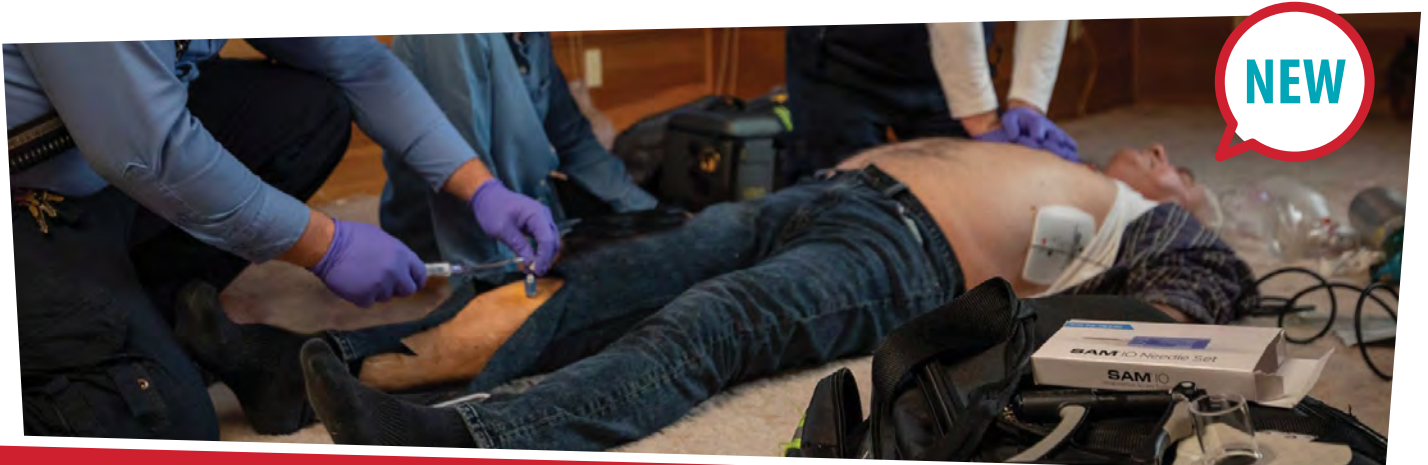
BURNSHIELD RESPONDER KIT   *BTBS-KR*

The Burnshield Responder Kit is a trauma kit that is used by professionals who deal with trauma cases such as doctors, paramedics, nursing staff and ambulance personnel. This one bag caters for minor, moderate and severe burns.

QTY	PRODUCT	SIZE
8	Burnshield Dressing	10 x 10 cm
3	Burnshield Dressing	20 x 20 cm
2	Burnshield Dressing	60 x 40 cm
3	Burnshield Digit Dressing	2.5 x 50 cm
2	Burnshield Limb Dressing	5 cm x 1m
3	Burnshield Hydrogel Spray	125 ml
2	Proform Bandage	7.5 cm
1	Plastipore Tape	2.4 cm x 5 m
4	Cohesive Soft 1 Foam Bandage	2.5 cm
2	Latex Gloves	1 Pair
1	First Aid Scissors	Metal
1	Rescue Blanket	Adult
1	Syringe	20 ml

BURNSHIELD RESCUE BURNS KIT   *BTBS-KE*

The Burnshield Rescue Burns Kit is a moderate sized trauma kit that is used by basic, intermediate and advanced life support professionals who deal with first response and trauma cases.

QTY	Product	Size
2	Burnshield Dressing	10 x 10 cm
2	Burnshield Dressing	20 x 20 cm
2	Burnshield Dressing	60 x 40 cm
1	Burnshield Digit Dressing	2.5 x 50 cm
1	Burnshield Limb Dressing	5 cm x 1 m
1	Burnshield Hydrogel Spray	125 ml
2	Proform Bandage	5 cm
1	Plastipore Tape	2.4 cm x 5 m
1	Cohesive Soft Foam Bandage	2.5 cm
1	Latex Gloves	Pair
1	First Aid Scissors	Bandage
1	Rescue Blanket	Adult

BURNSHIELD FIRE/TRAUMA BLANKETS   *BTBS-B1X1 (1M X 1M); BTBS-B1.2X1.6 (1.2M X 1.6M); BTBS-B2.45X1.6 (2.45M X 1.6M)*

Burnshield Fire/Trauma Blankets are made from pure wool impregnated with Hydrogel, which provides remarkable heat protection and extended burn-through times. The blanket can be used as a fire shield or be placed over a burning victim to stop the flame, while simultaneously providing first aid treatment to the burns. Burnshield blankets are packaged in a portable hands free bags and are available in a variety of sizes.

BURNSHIELD COMBI TRAUMA PACK   *BTBS-KCT*

The Burnshield Combi Trauma Pack is an advanced burns trauma bag for use by ambulance, fire, defence, mining and industry personnel.

QTY	PRODUCT	SIZE
5	Burnshield Dressing	10 x 10 cm
5	Burnshield Dressing	20 x 20 cm
3	Burnshield Dressing	60 x 40 cm
5	Burnshield Digit Dressing	2.5 cm x 50 cm
3	Burnshield Limb Dressing	5 cm x 100 cm
2	Burnshield Hydrogel	1 Litre
4	Burnshield Hydrogel	125 ml
2	Crepe Bandage	10 cm
1	Burnshield Contour Dressing	1 m x 1 m
1	Burnshield Contour Dressing	1 m x 2 m
1	Rescue Blanket	Adult
2	Purified Water	1 Litre
1	First Aid Scissor	Bandage
1	Syringe	20 ml
2	Latex Gloves	Pair
1	Plastipore Tape	2.4 cm x 5 m

BURNSHIELD DRESSINGS AND HYDROGEL

Burnshield is a sterile hydrogel which provides the essential physical protection urgently needed when someone is accidentally burnt. Safe for use on children, it is highly effective within the first 24 hour period, Burnshield halts the burn process and protects against further contamination. Cooling Hydrogel is made from Melaleuca Alternifolia (tea-tree). The nonadhesive, sterile dressing keeps the wound clean and is easy to apply and remove.

CODE	PRODUCT	SIZE
BTBS-D10X10	Burnshield Dressing	10 cm x 10 cm
BTBS-D20X20	Burnshield Dressing	20 cm x 20 cm
BTBS-D20X45	Burnshield Dressing	20 cm x 45 cm
BTBS-D60X40	Burnshield Dressing	60 cm x 40 cm
BTBS-D60X40F	Dressing Face Mask	60 cm x 40 cm
BTBS-DR100X100	Burnshield Dressing	100 cm x 100 cm
BTBS-H125ML	Burnshield Hydrogel Spray	125 ml
BTBS-SB	Burnshield Hydrogel Sachet	3.5 ml

OXY-THERAPY & OXY-RESUSC KIT CONTENTS
OXK-R (Oxy-Resusc Kit Contents Reusable); OXK-RD (Oxy-Resusc Kit Contents Disposable); OXK-T (Oxy-Therapy Kit Contents)

The Oxy-Resusc Kit Contents were developed as an emergency resuscitation kit and can be utilised by industry through to first response emergency personnel. The Oxy-Resusc Kit can be purchased with either a reusable or disposable adult resuscitator to suit your protocols or budget needs. The Oxy-Therapy Kit Contents is suitable for delivering oxygen therapy in the home or workplace and does not include the adult resuscitator and airways. Both kits facilitate the supply of oxygen therapy and may be used in an emergency to resuscitate using the Ferno E-Mask. The ideal softpack for storing the kit contents is the FAHAD-5120 as illustrated (optional extra, order separately).

Contents
- Multiflow regulator 0.25 to 25 LPM
- Three adult and child therapy masks
- Pocket mask with O_2 inlet, face strap and case
- Cylinder spanner
- Adult resuscitator, adult & child mask *
- Guedel airways sizes one to five *

* Not supplied with Oxy-Therapy Kit Contents.

Oxy-Therapy Kit Contents

Oxy-Resusc Kit Contents

Kit contents exclude oxygen cylinder and softpack.

OXY-DEMAND KIT CONTENTS   *OXK-D*

The Oxy-Demand Kit Contents are designed for use by those highly trained in oxygen resuscitation. It offers oxygen on-demand, oxygen therapy plus an extra high pressure outlet to enable inclusion of an additional high pressure resuscitation line or venturi suction system. The ideal softpack to store the contents is the FAHAD5100 Airway/Oxy Kit, FAHAD5110 Trauma Airway Kit, Traverse Kigali Patrol Kit or the Thomas EMS THOM-TTFF1250 O2 Lite Kit (optional extras, order separately).

Contents
- Multiflow regulator with two high pressure outlets
- Oxygen demand valve with mask and tubing
- Three adult and child therapy masks
- Airway sizes one to five
- Pocket E-Mask with O_2 inlet, face strap and case
- Cylinder spanner. Cylinder is not supplied.

Kit contents exclude oxygen cylinder and softpack.

OXY-MEDIC KIT CONTENTS   *OXK-M (Contents with Reusable Resuscitator); OXK-MD (Contents with Disposable Resuscitator)*

The Oxy-Medic Kit Contents have all the same features as the Oxy-Resusc Kit with the added benefit of a venturi suction system. Kit contents exclude oxygen cylinder and softpack. Kit contents can be purchased individually. The ideal softpack to store the contents is the FAHAD 5100 as displayed, or the FAHAD 2140 .

Contents
- Multiflow regulator with two high pressure outlets
- Adult resuscitator with adult and child mask
- Oxygen powered suction unit
- Three adult and child therapy masks
- Guedel airways sizes one to five
- Pocket mask with O_2 inlet, face strap and case
- Cylinder spanner. Cylinder is not supplied.

Kit contents exclude oxygen cylinder and softpack.

OXY-RESCUE KIT CONTENTS   *OXK-RV*

The Oxy-Rescue Kit Contents was developed as an emergency resuscitation kit for first response emergency personnel. The contents have all the same features as the Oxy-Resusc Kit with the added benefit of a venturi suction system. The kit may be purchased with either a reusable or disposable adult resuscitator. The ideal softpacks to store this kit is the Ferno FAHAD 5100 Airway/Oxy Kit, Ferno FAHAD5110 Trauma Airway Kit, Traverse Kigali Patrol Kit or the Thomas EMS THOM-TTFF1250 O₂ Lite Kit.

- Contents
- Multiflow regulator with two high pressure outlets
- Oxygen demand valve with mask and tubing
- Oxygen powered suction unit
- Three adult and child therapy masks
- Airways sizes one to five
- Pocket mask with O₂ inlet, face strap and case
- Cylinder spanner. Cylinder is not supplied.

Kit contents exclude oxygen cylinder and softpack.

FERNO SINGLE USE RESUSCITATORS   *RBMF-AD (ADULT); RBMF-CD (CHILD); RBMF-ID (INFANT)*

Completely disposable, eliminating the need to clean, disinfect or sterilise. Effective, inexpensive resuscitation. 100% latex-free. Clear valve housing and mask allow the operator to view critical function areas.

Soft feel provides good feedback. Resilient construction allows quick stroke deliveries. Patient valve incorporates a vomit deflector/peep valve adaptor. Available in adult, child and infant sizes. A full range of air-cushioned masks available. Contents include Bag, Mask, Patient and Intake Valves, Reservoir Bag & 2 m of O2 drive-line.

FERNO SILICONE RESUSCITATORS   *RBMF-AR (ADULT); RBMF-CR (CHILD); RBMF-IR (INFANT)*

- Fully autoclavable, great value and exceptional quality.
- 100% latex-free, transparent silicone.
- Exceptional recoil allows quick stroke deliveries.
- The highly polished silicone bag, valve housing and mask allow the operator to view critical function areas.
- Soft feel provides good feedback.
- Transparent silicone enables inspection before, during and after use.
- Disassembles for cleaning.
- Optional pop-off valves on adult sizes (this is a standard feature on child and infant versions).
- A full range of mask sizes are also available.
- Contents include Bag, Mask, Patient and Intake Valves, Reservoir Bag & 2 m of O2 drive-line.

FERNO RESUSCITATION MASKS

Available in reusable or single use. Fits standard 15/22 mm connectors. See through body with unique multi-function mask cover for an airtight seal. Latex free, hypo-allergenic materials. Anatomically shaped cushion for patient comfort and a gas tight low pressure seal.

Description	Code
Adult Reusable	RRMM-5
Child/Adult Reusable	RRMM-4
Child Reusable	RRMM-3
Infant/Child Reusable	RRMM-2
Infant Reusable	RRMM-1
Infant Reusable	RRMM-0
Adult Single Use	RRMM-A
Child Single Use	RRMM-C
Infant Single Use	RRMM-I

FERNO E-MASK   *RMF-EM (MASK); RMF-EMOWV (ONE-WAY VALVE/FILTER)*

The one-way valve and directional diaphragm allows no backflow of air or fluid contaminants to pass from the patient to rescuer/rescuer to patient.
- Provides protection against viruses and bacteria.
- Comes with an O2 port, head-strap and hard shell case.
- Fittings are a standard 22 mm and can be used with any Ferno resuscitator.
- Fits both adult and child patients.
- Can be sterilised and a replacement one-way valve/filter can be fitted.

SPIRACLE BRAVO$_2$ OXYGEN REGULATOR

The Australian Standards approved Spiracle BRAVO2 Oxygen Regulators are constructed from a solid piece of brass. The uni-body style regulator with internal brass components provide a safe and effective regulator.

Product details

OXR-S831A: 11 flow rates 0.25 to 25 LPM and 2 HP outlets
OXR-S833A: 11 flow rates 0.25 to 25 LPM

ORO$_2$ FLOW CONTROL VALVE   *OXF-T21901AUS (BARB OUTLET)*
OXF-900 (DISS & BARB OUTLET)

A robust and low profile flow control gauge.

Key Features

- 12-position flow control settings ranging from the OFF position to ¼, ½, 1, 2, 3, 4, 6, 8, 10, 15, and 25 lpm
- Accuracy of plus or minus 10% to reading
- The brass, nickel-plated DISS outlet allows precise connection using standard DISS or BARB connections
- Accommodates nebulisers, humidifiers, or nipple/nut connectors ¼ and ½ lpm +/- 20%
- All-metal construction

MICRO-MANAGER O$_2$ ADMINISTRATOR   *OXR-903*

The Micro-Manager delivers a pre-set constant flow rate of oxygen for one to five patients and is a perfect addition to any ambulance, major incident response kit/trailer or oxygen resuscitation kit where multiple patient oxygen delivery is required.

Key Features

- Equipped with five pre-set fixed flow rates including 2, 4, 6, 10 and 15 lpm
- DISS barbed fittings
- Attaches to an oxygen regulator DISS Outlet
- Provides a 50 psi outlet for demand valve or oxygen suction unit
- Connects to additional Micro Managers, increasing the number of patients treated
- Accuracy of plus or minus 10% to reading

MODEL 905 MINI-MANAGER ADMINISTRATOR   *OXF-905*

The 905 Mini-Manager delivers a variable flow of oxygen for one to five patients and is a perfect addition to any ambulance, major incident response kit/trailer or oxygen resuscitation kit where multiple patient oxygen delivery is required.

Key Features

- Equipped with five flow control valves
- Adjustable flow rates from 0 to 25 lpm including ¼, ½, 1, 2, 3, 4, 6, 8, 10, 15, and 25 lpm
- Manifold with DISS Oxygen Inlets
- Accuracy of plus or minus 10% to reading
- Comes in a soft carrying case and stores compactly

908 MULTI-MANAGER ADMINISTRATOR   *OXF-908*

The 908 Multi-Manager delivers a variable flow of oxygen for one to eight patients and is a perfect addition to any ambulance or major incident response kit/trailer. It can be connected to a second unit to treat up to 16 patients.

Key Features

- Equipped with eight flow-control valves with standard DISS
- Able to provide flow rates from 0-25 lpm for one to 8 patients
- Flow rates include ¼, ½, 1, 2, 3, 4, 6, 8, 10, 15, and 25 lpm
- Manifold is mounted on a collapsible aluminium alloy tripod
- Can be connected with a second unit to treat up to 16 patients
- Accuracy of plus or minus 10% to reading
- Stores compactly and storage case available (Model RO9081)

HFOC HIGH FLOW OXYGEN CONSERVER   *OXD-HFOC*

Bag Mask Resuscitator not included

The HFOC High Flow Oxygen Conserver addresses the need to deliver 100% oxygen during resuscitation and performs the function regardless of resuscitator rate and bag stroke volume.

The HFOC operates from any standard 50 psi gaseous oxygen source and has an integral back pressure relief diaphragm which functions to relieve pressure greater than atmospheric. Adapters are available to attach to most popular brands of bag valve resuscitators. Comes with 1 x 180 cm O2 supply hose.

OXYGEN DEMAND VALVE   *OXD-K*

The Oxygen Demand Valve provides a fast, simple and effective means to ventilate non-breathing patients or provide 100% oxygen on demand to patients suffering from respiratory distress.

The Oxygen Demand Valve comes with an audible pressure relief system and manual ventilation button, hose and resuscitation mask.

OXYGEN POWERED SUCTION UNIT   *OXSU-OPK*

The Oxygen Powered Suction Unit is capable of fast effective suctioning of excess quantities of fluid and particles from a patient's airway. The unique on/off button allows for fast, effective suction in emergency situations. Each suction unit comes complete with a hose and catheter ready for immediate use.

FERNO MANUAL VACUUM PUMP   *OXSM-F*

The Ferno Manual Vacuum Pump (MVP) is a robust, light, portable high vacuum with a manual vacuum pump used for the clearing of airway obstructions. This is the only unit available that has the added benefit of being able to disengage and rotate the handle 360˚ relative to the patient's position, providing accessibility in tight situations.

Key Features

- 300 ml disposable collection jar
- 6 mm and 13 mm disposable suction catheters
- Overflow protection mechanism

LAERDAL COMPACT SUCTION UNIT 4
LAER-88006140 (300 ML); LAER-88005140 (800 ML)

Laerdal's Compact Suction Unit 4 provides battery powered suction that is compact, powerful and reliable.

- Comfortably fits onto a crash cart or in a first response vehicle.
- Adjustable vacuum regulator 50-550 mmHg, suits newborns to the most demanding suction patients.
- Field changeable NiMH battery with one hour free flow time.
- Field friendly controls. 300 ml or 800 ml versions available, both can be converted to larger/smaller size if required.

LAERDAL SUCTION UNIT
LAER-78003033 DISPOSABLE CANNISTER; LAER-78000033 REUSABLE CANNISTER

The popular Laerdal Sunction Unit is portable, rugged and quiet allowing use in hospital or remotely.

- Large single vacuum control knob. Unique one touch testing with numerous built in device diagnostics. Built in charger, 5 year warranty. No tools replaceable battery. Internal battery charger.
- Integrated vacuum regulation / power control.
- Bump and splash proof design.

SPIRACLE PEZO2 FINGERTIP PULSE OXIMETER *DEP-PEZO2*

A reliable, lightweight and durable device that quickly displays an accurate reading of blood-oxygen saturation level and heart (pulse) rate. Ideally suited for EMS and hospital use.

- Large dual colour OLED display with ten brightness settings.
- Auto-rotate display that is readable from any direction.
- Displays SpO_2, PR, Pleth bar and Pleth waveform.
- Suitable for paediatric and adult
- Minimum 30 hours operation with automatic power off
- Includes carry case and neck lanyard

WALL MOUNT SPHYGMOMANOMETER *DESP-W6*

This Wall Mount Sphygmomanometer has many essential and sought after features including a large easy to read 150 mm dial with a range from 0 - 300 mm Hg.

110° rotation for easy viewing and 2.4 m of coil tubing when extended.

FERNO CPR BOARD *FWECPRB*

The Ferno CPR Board is ideal for CPR training and CPR administration by providing a firm surface that helps to properly position a patient to ensure a constant, open airway.

The head cup maintains proper alignment of a patient's head, whilst the contoured sides make lifting the patient easier.

Ferno CPR Board Specifications

Length	Width	Weight
59 cm	44 cm	2 kg

ZOLL AED 3™

The ZOLL AED 3™ builds on its reputation for providing rescuers with advanced features and unmatched support with a low total cost of ownership.

- **ZOLL's Real CPR Help® technology** provides real-time feedback and includes full colour images that guide users through the rescue.

- **RapidShock™ Analysis technology** enables the shortest rhythm analysis for more continuous lifesaving CPR. Minimizing the pre-shock pause, improving CPR and patient outcomes.

- **Integrated paediatric rescue Universal adult/child pad design** provides rescuers with a single, confident solution to treat both adult and paediatric victims of SCA.

- **WiFi® connectivity** Helps you monitor and manage all of your AEDs and will immediately notify you of a failed self-test so you can be sure you are prepared for an emergency.

- **Includes** ZOLL AED 3, CPR Uni Pad, Battery Pack, 6 Year Warranty and Documentation Kit (8 year warranty after registration).

- Available in semi or fully automatic option.

Code	Description	Model
ZL-8501-001201-13	ZOLL AED 3	Semi Automatic
ZL-8501-001202-13	ZOLL AED 3	Fully Automatic
ZL-8900-000270*	ZOLL CPR Pad 5 Year Life	Universal
ZL-8000-000696	Battery Pack	Lithium Manganese Dioxide
ZL-8000-001250	Carry Case	ZOLL AED 3

* Updated design. To be used with latest software version.

ZOLL AED PLUS®

The ZOLL AED Plus® continues to set the benchmark for design, dependability, durability, and performance.

- **Real CPR Help®** provides with real time instruction and comprehensive feedback on compression rate and depth during CPR.

- It has the **lowest total cost of ownership** compared to other AEDs.

- **Longer-lasting batteries and pads** require fewer replacement parts, adding up to considerable cost savings over time and offers **rescue readiness** in a cardiac arrest emergency.

- **Includes** ZOLL AED Plus, CPR-D Adult Pad, Battery Pack, Soft Carry Case, 7 Year Warranty, Manual, Poster & Instructional DVD. Available in semi or fully automatic option.

Code	Description	Model
ZL-20200000	ZOLL AED Plus	Semi Automatic
ZL-22300700	ZOLL AED Plus	Fully automatic
ZL-8900-0800-01	ZOLL CPR-D Pad (5 Year Life)	Adult
ZL-8900-0810-01	ZOLL Pedi-Padz II (2 Year Life)	Child
ZL-8000-0807-01	Battery Pack	Lithium

AOS ADVANCED ORGANISING SYSTEM

AOS Clip-on Holders

NEW

Case 7

Case 1

An innovative storage system ideal for emergency services, hospitals and private practice. The AOS Advanced Organising System provides a safe and protected space. Customisation is quickly and easily achieved by attaching clip-on holders to ampoules, then finger press snap-fitting these to the internal rail system which enables drug names to be clearly visible for fast identification and immediate use. Additional clear-faced storage pockets allow for larger equipment and accessories. Available in a variety of sizes and shapes for every application.

Code	Description	Ampoule Capacity	Length	Width	Depth	Weight (empty)
IR-AOS1	Case 1	45 approx.	190 mm	145 mm	105 mm	375 g
IR-AOS2	Case 2	75 approx.	230 mm	190 mm	105 mm	540 g
IR-AOS4	Case 4	75 approx.	310 mm	190 mm	105 mm	650 g
IR-AOS6	Case 6	100 approx.	310 mm	250 mm	120 mm	1090 g
IR-AOS7	Case 7	150 approx.	310 mm	370 mm	120 mm	2030 g

THOMAS ALS HARD CASE   THOM-TT423 ALS COMPLETE (GREY); THOM-TT434 ALS COMPLETE (YELLOW)

Housed within the watertight, crush and dustproof Pelican 1550 case, the Thomas ALS Hard Case allows for contents to be quickly and easily viewed.

- Features a large removable padded drug case attached via heavy-duty magnets to the inside lid and can be removed quickly.
- The base consists of a modular, foam divider system plus two removable fold out packs featuring clear vinyl, colour-coded pockets.
- Easily accommodates up to 3 x 1L IV solutions and accessories, an IO device, as well as additional medications.

Contents not included

Large Padded Drug Case

THOMAS BLS HARD CASE   THOM-TT428 BLS COMPLETE (GREY); THOM-TT430 BLS COMPLETE (YELLOW)

Features a removable padded BLS bag that attaches via magnets to the inside of the lid but can be quickly removed.
- The BLS bag contains six colour-coded pockets designed to hold all of your BLS response equipment and is protected within the Pelican 1550 case that is watertight, crush and dustproof.
- The base consists of a modular, foam divider system with 2 removable, colour coded, clear vinyl faced fold out pockets allowing all contents to be viewed when opening the case.

Contents not included

Removable Padded BLS Bag

THOMAS AIRWAY HARD CASE
THOM-TT432 AIRWAY COMPLETE (Grey), THOM-TT433 AIRWAY COMPLETE (Yellow)

Features a large removable intubation kit designed to hold an extensive array of gear housed within the Pelican 1550 case that is watertight, crush and dustproof.
- The Intubation Kit attaches via magnets to the inside of the lid but can be removed quickly if required.
- The base accommodates multiple adult and paediatric BVM's and consists of a modular, foam divider system with two removable, colour coded, clear vinyl faced fold out pockets allowing all contents to be viewed when opening the case.

Contents not included

Removable Intubation Kit

FERNO 5117 PROFESSIONAL TRAUMA MINI-KIT *FAHAD-5117*

This Ferno 5117 Professional Trauma Mini-Kit provides excellent storage space, enabling functional organisation of your essential trauma supplies.

The bag utilises loops and durable mesh pockets to create an easily identifiable storage environment. The Ferno 5117 is available in red and blue.

L 34 cm W 8 cm H 24 cm

THOMAS EMS MULTI PURPOSE PACK

THOM-TT940 (BLACK) THOM-TT960 (RED)

The multipurpose pack serves the needs of many — support pack, intubation pack, first aid, daily accessory pack or basically whatever purpose you find for it.
- The pockets are designed to let you open the pack while it is draped over your shoulder allowing hands free access to the contents inside.
- Includes two interior vinyl window pockets, one hidden pocket and two small vinyl window interior base pockets.
- Available orange, blue, black and red.
- L 30 cm W 28 cm H 7.5 cm

THOMAS EMERGENCY RESPONDER PACK TT800

THOM-TT800

The Thomas Emergency Responder Pack TT800 (ER) is specifically designed for initial care of critically ill or injured patients.
- The ladder frame of the pack can also serve as a splint when needed.
- This Kit includes eight interior pockets and three exterior pockets.
- This pack is available in orange. L 35 cm W 15 cm H 30 cm

FERNO TRAUMA RESPONDER II KIT 5103 *FAHAD-5103*

The Ferno 5103 Trauma Responder Kit has a full opening compartment with elastic loops, a clear faced internal pouch and various internal segments that can be customised to suit the owner requirements.

- The kit also features a large external pocket with additional elastic loops that enhance the functionality of the kit.
- The 5103 features moulded feet on the bottom of the bag, providing extra protection and strength.
- Available in red and blue. L 43 cm W 23 cm H 39 cm

TRAVERSE KIGALI PATROL PACK

Designed for off road response including on foot, skis, ATV or mountain bike. Multiple pockets including hydration pouch.

Full suspension system with aluminium stays, padded shoulder strap and waist belt lets the pack ride comfortably all day. Built-in rain cover protects contents from snow and rain. A removable (hook & loop) white medic cross is included. The 45 litre pack includes a large sleeve with a retaining strap to safely hold a 'C' size oxygen cylinder. Available in two colour ways: red with black trim, and in all black .

Built-in Rain Cover

Contents not included

Code	Description	Volume	Width	Height
TRAV20-0045	Kigali Patrol Pack	45 ltr	38 cm	59 cm
TRAV20-0035	Kigali Patrol Pack	35 ltr	33 cm	53 cm

PACKS & CASES

53

FERNO 5107 PROFESSIONAL TRAUMA KIT *FAHAD-5107*

The Ferno 5107 Professional Trauma Kit is designed to accommodate all the supplies used by today's emergency professional. It has easy access to various external pockets that are configured with elastic loops and multiple internal pouches for first response supplies.

- The layout of the main internal body compartment can be customised quickly and is mini-kit compatible.
- A low profile back also keeps the kit close to the attendant minimising pressure on the spine when transporting a fully loaded kit.
- Supplied standard with an ergonomic, non slip shoulder strap plus a concealed backpack harness system.
- Available in red and blue. L 57 cm   W 31 cm   H 37 cm

FERNO PRIMARY RESPONSE KIT R400 *FAPR400*

The Ferno Primary Response Kit R400 is an uncomplicated design that allows universal use. The internal layout of the Ferno Primary Response Kit is a combination of fixed, clear faced pockets and removable clear faced modules.

A large external pocket further enhances the user's ability to customise the content layout. The well laid out design and bulky storage areas provide plenty of options for end users.

The kit features a comfortable back harness and can also be carried by top mounted carry handle. Available in red and blue. L 31 cm W 15 cm H 50 cm

FERNO 5110 PROFESSIONAL TRAUMA/AIR MANAGEMENT KIT II *FAHAD-5110*

The Ferno 5110 is a fully functional and convenient professional trauma and airway management kit which includes a tuck-away backpack harness system and adjustable storage in the main compartment.

Oxygen access is available through the end pocket and from the main compartment. The Ferno 5110 Professional Trauma/Air Management Kit II is compatible with Australian 400 L 'C' size oxygen cylinder. This kit is available in red and blue.   L 64 cm   W 28 cm   H 38 cm

FERNO 5108 PROFESSIONAL ALS KIT *FAHAD-5108*

The Ferno 5108 Professional ALS Kit has the same features as the Ferno 5107 Professional Trauma Kit with the addition of four mini kits to provide the ultimate, compact advanced life support kit. Available in red and blue. L 57 cm W 31 cm H 37 cm

Kit Includes
- 1 x 5114 Medication Mini Kit
- 1 x 5115 Intubation Mini Kit
- 2 x 5116 Intravenous Mini Kits

FERNO PARAMEDIC RESCUE BACKPACK R300 *FAPR300*

The Ferno Paramedic Rescue Backpack is a large kit with spacious internal and external storage options.

- There is a total of 5 external pockets of varying size.
- The internal layout is a combination of fixed, clear faced pockets and removable clear faced modules.
- The long body, uncomplicated design and bulky area provides enough space to stock gear for the largest of scenarios.
- The kit features a comfortable, tuck-away back harness and can also be carried by top mounted carry handle. This kit is available in red and blue.
- L 31 cm W 15 cm - plus pockets H 60 cm

FERNO EMT KIT   *DHS-FB09*

NEW

Designed to carry all your ALS and Trauma gear as well as an Inhalo Oxygen Cylinder.

The Ferno EMT Kit consists of the main ALS backpack which includes an easily removable trauma module which nests neatly inside the large outer backpack pocket. The trauma module opens fully via a three-sided zipper, revealing an ideal design that stores your gear ready for immediate use.

- The ALS backpack compartment efficiently uses all available space with multiple clear-faced, easy access pockets within the main compartment and inside wall of the main door.

- Wrap around flaps secure an Inhalo or Australian C-size cylinder with additional free space around it for additional gear.

- Multiple exterior side pockets provide additional capacity for equipment that requires easy access. Reflective exterior striping provides night-time visibility and user safety.

- The bag can be carried by hand or has a concealed padded backpack with waist strap for short or long distance hauling.

- H 65 cm W 57 cm (including pockets) D 30 cm

FERNO 5120 OXYGEN CARRY KIT   *FAHAD-5120*

This carry kit is a single piece design that is made with a squared aluminium frame to prevent the bag from rolling to one side at emergency scenes or during transportation.

It easily hangs from stretchers and is padded for protection. Designed with a double-zip opening to provide easy access to the regulator.

The kit will carry an Australian 400 L 'C' size oxygen cylinder and is available in red or blue. L 55 cm W 16 cm H 22 cm

FERNO AIRWAY MANAGEMENT/OXYGEN KIT 5100
FAHAD-5100

The Ferno Airway Management/Oxygen Kit 5100 is very popular due to its ease of use and versatility. There are several external pockets that allow good storage options and oxygen can be accessed via the main compartment or through an external pocket. The internal compartment has room for an Australian 400 L 'C' size oxygen cylinder with enough space for additional oxygen or trauma gear.

This kit includes one utility 5131 pouch and two 5134 utility pouches and is multi-kit compatible. This kit is conveniently fitted with a tuck-away harness system and is available in red and blue. L 58 cm W 24 cm H 33 cm

PACKS & CASES

THOMAS ALS & ALS ULTRA PACKS

Designed to carry virtually all equipment and supplies needed to perform advanced cardiac and trauma life support. The colour-coded Airway, Bleeding and Cardiac Medicine configuration helps responders locate equipment efficiently. The pack includes over 100 individual dividers, elastics and pouches.

ALS Ultra Packs eliminate the strain of transporting gear with the addition of an internal frame, wheels and a telescoping handle. The TT150 series is also available with capacity to hold an additional 400 L 'C' size cylinder and a larger exterior pocket to accommodate extra gear. Includes 2 x large exterior pockets, 3 x colour-coded airways pouches (intubation, airway, paediatric), 1 x soft drug box (holds over 50 separate drugs and vials), 3 x colour-coded IV pouches, 4 x exterior removable clear vinyl pockets. Non Roller models now available in wipe down fluid free exterior.

Contents not included

Code	Description	Length	Width	Height
THOM-TT100	Non Roller	36 cm	19 cm	57.5 cm
THOM-TTR100	Roller	36 cm	20.5 cm	57.5 cm
THOM-TT150	O₂ Capacity, Non Roller	36 cm	18 cm	57.5 cm
THOM-TTR150	O₂ Capacity, Roller	36 cm	20.5 cm	57.5 cm

THOMAS INSULATED IV PRESSURE INFUSER & INSULATED IV TUBING

THOM-TT520 INSULATED IV PRESSURE INFUSION BAG
THOM-TT521 - INSULATED IV TUBING

Durable orange nylon with insulated padding and a clear plastic strip that provides good visibility of the fluid bag and fluid level. A built in hook allows the fluid bag to be replaced without removing the bag from the I.V. pole. A large squeeze bulb provides for fast inflation and a built in pressure indicator assists with correct IV flow and an air release vent allows quick deflation.

180 cm Insulated IV Tubing also available.

FERNO 5116 PROFESSIONAL INTRAVENOUS MINI KIT   *FAHAD-5116*

The Ferno 5116 Professional Intravenous Mini-Kit allows storage and quick access to essential IV supplies.

This mini-kit is easily stored inside larger kits and provides a billow pocket for small sharps containers. YKK zippers pulls provide lockable security. Available in red and blue. L 11 cm W 9 cm H 23 cm

FERNO 5115 PROFESSIONAL INTUBATION MINI KIT   *FAHAD-5115*

The Ferno 5115 Professional Intubation Mini-Kit stores your intubation and airway supplies for quick access and ease of use.

The removable internal pouch is ideal for miscellaneous supplies and contains a removable card for additional storage. This kit is available in red and blue.

L 33 cm W 8 cm H 24 cm

FERNO 5114 PROFESSIONAL MEDICATION MINI KIT   *FAHAD-5114*

The Ferno 5114 Professional Medication Mini-Kit offers a modern approach to organising drugs.

The compact design enables storage within larger kits. The eight removable ampoule cards and lockable zipper ensures the safe storage of any drugs.

This medication kit is available in red and blue. L 23 cm W 22 cm H 8 cm

Ferno 5130 Intubation Ultra Mini-Kit   *FAHAD-5130*

Designed to hold a variety of emergency airway supplies and accessories in an efficient compact layout that easily fits into larger kits.

This kit is available blue only.
L 14 cm W 5 cm H 29 cm

THOMAS DRUG KIT TT300   *THOM-TT300*

Contents not included

Provides superb protection for medications.

The padded centre page adds extra protection for fragile vials and has 2-vinyl windows for printed material. Each side of the drug case has over 25 separate elastics to hold vials securely in place. The other side of the kit has a dry erase board and pen for patient note taking or equipment replacement reminders.

L 23 cm W 33 cm H 9 cm

FERNO MOBILE PRIVACY SCREEN   *CRP-3M*

The Ferno Mobile Privacy Screen is a lightweight, stable and secure screen. Each panel is made with lightweight vinyl that is heat sealed and easy to clean. The rigid frame is constructed from anodised aluminium for easy manoeuvrability and the legs and castors are removable so the unit can be packed flat for storage or freight.

	Width	Height
Folded	66 cm	158 cm
Extended	192 cm	158 cm

CASUALTY COUCH   *CRC-C (STANDARD), CRC-CHD (HEAVY DUTY)*

A basic essential for the consulting and treatment room. Supplied unassembled, the couch is easy to assemble with just 4 bolts, tools provided. Weight capacity 125 kg. Also available in heavy duty version with 250 kg SWL.

Key Features
- Sturdy 32 mm tubular steel frame
- Powder-coated finish
- Vinyl covered 40 mm foam padding
- Adjustable head rest
- Standard model only compatible with Casualty Couch accessories
- Dimensions: L 1820 mm, W 610 mm, H 780 mm

MOBILE CASUALTY COUCH   *CRC-CM*

Patients and practitioners alike continue to appreciate the comfort, stability, strength and aesthetic design of this mobile couch. It provides many of the features of the standard Casualty Couch with the additional and often essential feature of mobility.

Key Features

- Sturdy chrome finish tubular frame
- 125 mm rubber castors, 2 with locks
- Fixed 75 mm thick foam padded top
- Adjustable head rest
- Compatible with Casualty Couch accessories.
- Dimensions: L 1820 mm, W 610 mm, H 780 mm

Accessories shown in image sold separately. See Casualty Couch Accessories.

CASUALTY COUCH ACCESSORIES

DELUXE SAFETY SIDES   *CRC-CMR*

Fits to mobile casualty couch. The safety sides have one hand operation and tuck completely under the couch height when not required.

WIRE BASKET   *CRC-CWB*

The removable wire basket fits the Standard Casualty Couch or Mobile Couch. It features a strong construction and powder-coated finish.

IV POLES & ACCESSORY CLAMP
CRC-CRIS (STAINLESS STEEL) &
CRC-CIC (ACCESSORY CLAMP)

These IV poles conveniently clamp on to the Casualty Couch and made from 12 mm rod with a double IV hook. Accessory clamps are required for fitting the IV pole to the couch.

IV Poles

Accessory Clamp

CASUALTY ROOM EQUIPMENT

57

THOMAS MCI MAN AND THOMAS MCI PED

THOM-THS600 MCI MAN, THOM-THS650 MCI PED
THOM-THS690 240V PUMP

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

The Thomas MCI Man and Thomas MCI Ped are a smart, efficient way to help conduct your MCI training and drills.

These durable, inflatable training manikins save money and time while significantly reducing the liability of conducting mass casualty incident drills.

Key Features

- Clear chest pocket to provide scenario information
- Durable plastic material resists punctures
- Quick inflation / deflation
- Sandbags in feet keep manikins in place
- Grommets on shoulders allow for tie-down
- Store easily
- Economical and reusable.

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.

Key Features

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

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-RLLG90	Obese Adult	1.80 m	90 kg
LT-RLLG180	Obese Adult	1.80 m	180 kg
LT-RLLG260	Extremely Obese Adult	1.80 m	260 kg

LIFETEC PATIENT HANDLING RANGE

A 'soft' version of the General Duty Dummy suitable for the Hospital and Care sector. Ideal for early mobilisation, emergency evacuation, working with lifting/transfer/evacuation equipment and general moving and handling exercises to avoid the back injuries associated with unsafe, high risk movements.

Constructed in Polyester which is tough, safe to handle and very easy to clean. Anatomically correct weight distribution gives the 'feel' of a real patient.

Conforms to BS EN ISO 6330 and ISO 17050-1.

Code	Description	Height	Weight
LT-RLNPH20	Youth	1.30 m	20 kg
LT-RLNPH30	Light Adult	1.80 m	30 kgv
LT-RLNPH50	Adult	1.80 m	50 kg
LT-RLNPH70	Heavy Adult	1.80 m	70 kg
LT-RLNPH90	Very Heavy Adult	1.80 m	90 kg

LIFETEC WATER RESCUE DUMMY

Simulates an unconscious casualty in water with just the head and shoulders visible. The dummy allows water ingress to double the dry weight ie: 40kg dry weight becomes 80kg in the water.

The water rapidly drains from the dummy when recovered from the water. The supplied overalls incorporate pockets that enable the user to add buoyancy or weight.

Supplied in two models: 'Man Overboard' or 'Search and Rescue', both featuring reflective tape on their heads.

Man Overboard   **Search and Rescue**

Code	Description	Height	Weight
LT-RLNWRMO	Water Rescue - Adult Man Overboard	1.80 m	40 kg
LT-RLNWRSR	Water Rescue - Adult Search & Rescue	1.80 m	40 kg
LT-RLNWRMO20	Water Rescue - Youth Man Overboard	1.30 m	20 kg
LT-RLNWRSR20	Water Rescue - Youth Search & Rescue	1.30 m	20 kg

WORKING AT HEIGHT RANGE

An extremely tough manikin for work and rescue training at height.

Similar to the General Duty Range with 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 FIRE HOUSE FLAME RETARDANT DUMMY

The Flame Retardant Dummy is designed for high temperature snatch rescue scenarios with real flames and the chance of a flash-over. They're weighted to produce an anatomically correct weight distribution and the feel of an unconscious patient.

- The Flame Retardant dummy is similar to the general purpose dummy, but incorporates glass fibre for the outer carcass stitched with PTFE coated glass thread.

- The protective overalls are made using Kermel® flame retardant fabric which provides excellent heat and abrasion resistance and each dummy is fitted with heat resistant fire-fighters safety boots.

- The dummies will easily withstand temperatures of 160°C and only starts to fail in excess of 400°C.

Code	Flame Retardant Dummy	Height	Weight
LT-RLNFH10	Toddler	0.90 m	10 kg
LT-RLNFH20	Youth	1.30 m	20 kg
LT-RLNFH30	Light Adult	1.80 m	30 kg
LT-RLNFH50	Adult	1.80 m	50 kg
LT-RLNFH70	Heavy Adult	1.80 m	70 kg

LIFETEC MULTI-TRAUMA RESCUE TRAINING DUMMY

The Lifetec Multi-Trauma Rescue Dummy is a general purpose rugged rescue dummy that can simulate an impaled torso, suspected neck injury and amputated arm or leg and allows the fitting of an extrication collar.

- The hole on the left of the torso allows a paling or a spike that is firmly held in place.

- The right arm and right leg are fully detachable to simulate an amputation, or by partially releasing the locking straps the limb can be weakly attached and will fall off.

- The dummy is supplied complete with sturdy gum boots that protect the legs if the dummy is dragged along the ground.

- The Multi-Trauma Rescue Dummy is tough enough to allow a vehicle or heavy girder to be laid on it without damage.

Code	Multi-Trauma Rescue Training	Height	Weight
LT-RLNMT30	Light Adult	1.80 m	30 kg
LT-RLNMT50	Adult	1.80 m	50 kg
LT-RLNMT70	Heavy Adult	1.80 m	70 kg

RETMEX RESCUE SHEET - NOMEX

The Retmex Rescue Sheet is a 2-in-1 rescue solution. It allows you to rescue a person AND use it to extinguish a fire. If a worker's clothing is on fire, the Retmex Nomex model may be used to first extinguish the flames and – if the victim is unconscious – it is also used to remove the patient away from the danger zone with the aid of 12 handle options.

This unique Rescue Sheet rolls compactly into retro-reflective straps and clips to your belt for immediate deployment within seconds.

Made from a combination of Nomex® and Kevlar®, the Retmex Nomex Rescue Sheet is a must-have addition to any emergency response team's PPE or equipment cache.

NEW
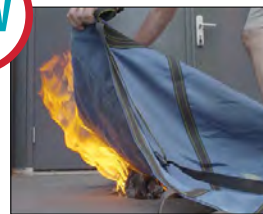
Retmex Nomex effectively extinguishes flames

Clips to belt for immediate deployment

Code	Model	Dimensions	Load Capacity	Weight	Material
TET-5NOUT88886	S-CAPEPLUS Premium	60 cm (W) x 210 cm (L) x 7 cm (D)	200 kg	6 kg	Polyester (flame retardant, anti-bacterial
TET-5NINFL6021	S-CAPEPLUS Inflatable	60 cm (W) x 210 cm (L) x 7 cm (D)	300 kg	2.5 kg	Trivera CS Polyester/Dyneema
TET-1099876610	RETMEX Nomex Rescue Sheet	Sheet: 78 cm (W) x 200 cm (L) Footsack: 78 cm (W) x 40 cm (L)	250 kg	1.5 kg	Nomex® and Kevlar® (blue fabric) 100% Fire Retardant Polyester (black webbing)

FERNO EMERGENCY POLE STRETCHER

FWE108AF (DUAL FOLD); FWE108A (SINGLE FOLD)

Heavy duty, high strength, foldaway emergency stretchers suitable for first aid response, industrial sites and casualty rooms.

- Available with heat sealed, PVC coated nylon or polypropylene mesh covers for efficient wipe or hose down cleaning and disinfection.

- 108AF and 108-D double fold for compact storage.

- Accessories include the wall mountable MCC-383B carry case with carry handle.

MCC-383B Carry Case

108AF Dual Fold

108-D Ferno Disaster Litter - Mesh

Code	Product	Length Open	Length Folded	Width Folded	Height Open	Height Folded	Weight	Load Limit	Optional Carry Case
FWE108AF	Emergency Pole Stretcher Vinyl	230 cm	115 cm	23 cm	14 cm	10 cm	6 kg	159 kg	MCC-383B
FWEPT7969	Ferno Model 108-D Disaster Litter	230 cm	115 cm	23 cm	14 cm	10 cm	6 kg	159 kg	MCC-383B

FERNO 108-T TACTICAL LITTER *FWEPT7970*

Robust and strong the Ferno military litter is designed for tactical, HazMat, CBRN, decontamination, USAR and disaster use.

Follows US military Spec MIL-L-49511B. Supplied in OD green.
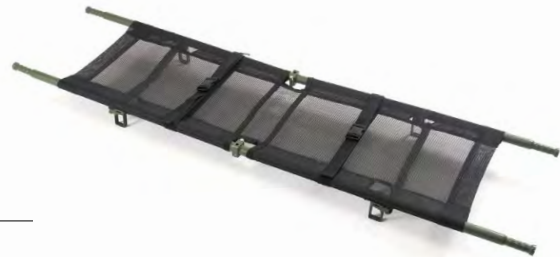
Length Open	Length Folded	Width Open	Width Folded	Height Open	Height Folded	Weight	Load Limit
234 cm	118 cm	57 cm	19 cm	14 cm	18 cm	8 kg	544 kg

SOF-L LITTER *CODE FMS-800A100 (LITTER) FMS-900C109 + FMS-900C112 (LITTER CARRIER WITH STRAPS)*

The Special Operation Forces Litter (SOF-L) is designed for all military aircraft and vehicles. Its durable and repairable with a low life-cycle cost.

The SAPE litter beds, handles and frame sections can be field replaced with a Phillips head screwdriver allowing longer in service use. Accessories include the SOF-L Litter Carrier — a simple backpack system that allows quick deployment. The SOF-L is the ultimate full system combat litter.

Length Open	Length Folded	Folded Height	Folded Width	Length Handles Folded	Weight	Load Rating
230 cm	37 cm	48 cm	15 cm	188-196 cm	8.6 kg	159 kg

FERNO 11 FOLDING EMERGENCY STRETCHER   *FWM11*

A simple, fold away, flat stretcher with trigger foldaway head end wheels and foot end posts.

Fold to a slimline for compact storage. Can be used with the Model 385-A carry case.
Supplied standard with two patient restraints.

Open Length	Folded Length	Width	Height	Weight	Load Limit
187 cm	94 cm	47 cm	21 cm	7 Kg	159 Kg

FERNO MODEL 9 EMERGENCY STRETCHER WITH WHEELS   *FWE9*

A simple, low profile stretcher with adjustable backrest, telescoping head end frame for confined space positioning and a centre hinge to fold for storage.

The low profile design serves well in vehicles with limited headroom. An Aviation model with FAA approved cover and two PR-STFL FAA approved black patient restraints.
Can be used with Model 385-A Storage/Carrying Case.

Ferno Aviation Stretchers are not supplied with a certificate of approval for aircraft application. This is the responsibility of the customer in conjunction with an engineer due to issues such as the aircraft structure, fastener or retention system and patient restraint system.

Open Length	Folded Length	Width	Height	Weight	Load Limit
187 cm	94 cm	47 cm	16 cm	8 kg	159 Kg

FERNO 12-2 SERIES AVIATION STRETCHER
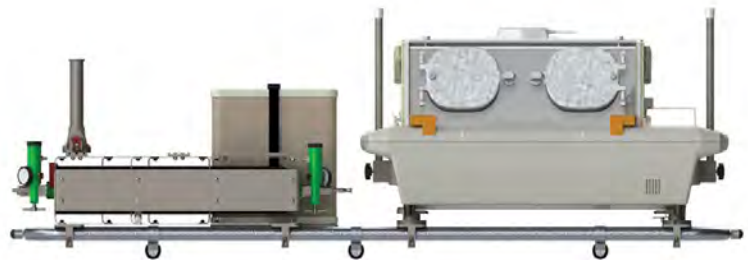
Side view of Model 12-2 Lift-off with an Atom V-808 Incubator

The Model 12-2 is Ferno Aviation's most popular aeromedical litter. it is a lightweight, simple and rugged litter with an array of custom accessories available.

Standard features include:

- Folding for storage
- FAA-approved vinyl and 25mm patient mattress
- Low profile roller on three axles
- Head raising capability
- Fastener/restraint studs (two each, both ends).

Optional features include:

- FAA-approved stretcher pads (50mm and 75mm)
- FAA-approved shoulder harness assembly
- Custom adapters for various isolettes, and other accessories.

Ferno Aviation Stretchers are not supplied with a certificate of approval for aircraft application. This is the responsibility of the customer in conjunction with an engineer due to issues such as the aircraft structure, fastener or retention system and patient restraint system.

Model Code	Features	Length	Width	Height	Weight	Load Capacity
FWE12-2	FAA-approved cover / 25mm mattress. Two standard restraints	1850 mm	460 mm	76 mm	9.5 kg	159 kg
FWE12-2A	FAA-approved cover / 25mm mattress. Two FAA-approved restraints	1850 mm	460 mm	76 mm	9.5 k	159 kg
FWE12-2IT	Incubator Transport Variant	1850 mm	460 mm	76 mm	9.5 k	159 kg

Rescue

When you're concentrating on rescuing a patient, you rely on your equipment to perform 100 percent. Ferno's extensive range of rescue equipment has you covered for every conceivable scenario and patient size from babies to bariatric.

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

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

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

Photo Credit: ISH24 Safety & Rescue

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 1136 kg (11 kN) static load test threshold.

Common Key Features

- Tested to and beyond a 1136 kg (11 kN) static threshold
- StratLoad Attachment Points for secure bridle connector
- 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

Stratload attachment point

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

FWETBT-SP (Split Version)

Patented 'Locsafe' triple safety system. Interlocking latching teeth. Integral threaded rail collars. Collar lock button
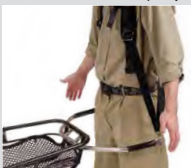
FWETBT (One-Piece)

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 (11kN)	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 (11kN)	BRB-TLB or BRB-TLB-TL	MCC-387B

* Weights include patient restraints

Optional Accessories (Refer pages 72 to 75 for more detail)

Ferno Adjustable Lifting Bridle	Traverse Mule II	Traverse Porter	Stretcher Handle & Shoulder Harness (Pair)	CMC Rescue Original Litter Shield	Ferno 471 Floatation Collar
Karabiner attachment options for individual rescue requirements.	Negotiate rugged and difficult terrain.	For transport over more defined trails	Distributes weight to the shoulders, chest and back.	Protects patients from falling rocks, debris and weather	Keeps patients head above the water line.

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

TRAVERSE TITAN 32 BASKET STRETCHER (STAINLESS STEEL)

The Titan32 Basket Stretcher has all of the main features of the Titan Series Stainless Steel basket stretchers, but is made specifically to deal with larger patients.

Measuring 81 cm (32 ") wide, it gives extra room for those special cases where the size of the patient dictates a different approach in handling.

Common Key Features

- Frame and braces made entirely of stainless steel
- Tested to and beyond a 1136 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 backboard
- Tapered feature allows easier access in confined areas
- Moulded, high density polyethylene back support
- A vast array of accessories are available to suit any rescue scenario

Stratload attachment point

TRAVERSE TITAN BASKET STRETCHER (TITANIUM)

For the ultimate in strength to weight ratio, the Titan Titanium Basket Stretchers sets a new standard for rescue litters and is now available in a range of standard, confined space and split versions.

The ASTM Grade 2 titanium tubing is less than half the weight of the Titan Stainless Steel stretchers making them suited for applications where weight saving is your ultimate goal.

Common Key Features

- StratLoad Attachment Points for secure bridle connection
- Reinforced 25 mm top rail
- Supplied with four steel double bar restraints
- HDPE Netting allows water and airflow
- Compatible with any Ferno tapered backboard
- Tapered feature allows easier access in confined areas
- Moulded, high density polyethylene back support
- A vast array of accessories are available to suit any rescue scenario

Split Version Key Features

- Interlocked and 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

Standard Split

Confined Space Split
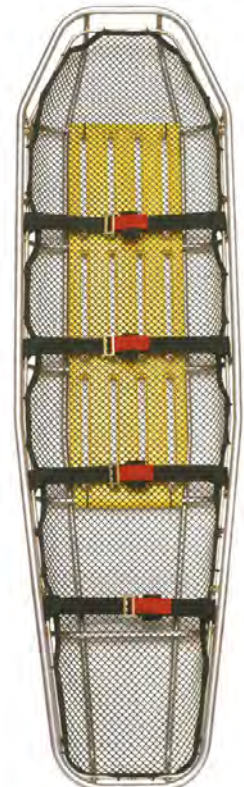
Standard one Piece

Titan Model Description	Code	Length	Width	Height	Weight*	Load Rating	Optional Lift Bridle	Optional Carry Case
Stainless Steel Basket Stretcher	FWETBT32	212 cm	81 cm	18 cm	19.2 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	N/A
Titanium Standard One-Piece	FWETTI	212 cm	58 cm	18 cm	8 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
Titanium Standard Split	FWETTI-SP	212 cm	60 cm	19 cm	9 kg	1134 kg (11 kN)	BRB-TLB or BRB-TLB-TL	MCC-387B
Titanium Con-Space One-Piece	11-4000	210 cm	48.25 cm	18 cm	5.4 kg	408 kg (4 kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
Titanium Con-Space Split	11-4001	210 cm	49.5 cm	19 cm	6.4 kg	408 kg (4 kN)	BRB-TLB or BRB-TLB-TL	MCC-387B

* Weights include patient restraints

TRAVERSE ADVANTAGE BASKET STRETCHER   *FWETAB*

The Advantage Basket Stretcher is a complete redesign from any other plastic style basket stretcher available today.

The fully-internal stainless steel frame provides a 1136 kg (11 kN) strength rating while giving a single-plane sliding surface on the bottom. The outer High Density Polyethylene (HDPE) shell is attached to the top tube, allowing the secondary rail to be completely exposed to provide full options for tying in your patient for the most technical rescue.

- Generous cut-out sections in the shell provide loads of exposed top rail for handling
- 22 mm Tubing allows for a more comfortable grip
- Patient pad is made of closed-cell foam that will not allow fluids to soak into, and is able to withstand even the harshest cleaning agents. It is glued in such a manner that allows it to be removed and replaced if required
- Provided with patented StratLoad attachment points
- Large number of accessories available to suit any rescue scenario

Stratload attachment point

TRAVERSE SPARTAN SPLIT BASKET   *TRAV11-0129A (S/S); TRAV11-0129TI (TITANIUM)*

Now available in stainless steel or Titanium, the Traverse Spartan split basket is designed for heavy duty and technical rescue with an impressive 11 kN load rating.

A fully exposed 22mm top rail allows multiple rescuers the ability to grasp wherever is best suited and offers unencumbered access for multiple rescuers to grab the rail at any location.

A full length outer shell made of high molecular polyethylene (HMWPE) with recessed exterior stainless steel tubing facilitates safe, snag free dragging over rough or craggy terrain. The LocSafe triple safety feature ensure connections are secure throughout any operation.

Four patented StratLoad attachment points make it quick, easy and safe to clip in and protects karabiners from wall and rock faces. A foam patient pad is supplied for patient comfort. The split apart frame is specially designed to compactly nest within each other for better storage and transport options.

Description	Code	Length	Width	Depth	Weight	Load Rating	Optional Lift Bridle	Optional Carry Case
Advantage - One Piece	FWETAB	211 cm	58 cm	18 cm	15.5 kg	1134 kg (11kN)	BRB-TLB or BRB-TLB-TL	MCC-387A
Spartan Split Stainless Steel	TRAV11-0129A	212 cm	62 cm	19 cm	15.75 kg	1134 kg (11kN)	BRB-TLB or BRB-TLB-TL	MCC-387B
Spartan Split Titanium	TRAV11-0129TI	212 cm	62 cm	19 cm	11.25 kg	1134 kg (11kN)	BRB-TLB or BRB-TLB-TL	MCC-387B

* Weights include patient restraints

TRAVERSE RESCUE
Locsafe Triple Safety System

Traverse Rescue two-piece baskets have a patented 'Locsafe' triple safety system to make sure they stay connected.
- Interlocking latching system at the bottom of our baskets ensure a safe connection
- Locking collars on each side securely join the outer rails
- Once the collar has been fully turned and locked, a lock button is exposed preventing the collars from unthreading

The safety features built into the Locsafe triple safety system combine to prevent the collars from inadvertently undoing when rubbing against a wall or cliff face.

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. Two-piece Split version has the same features as the one-piece but separates in half for compact storage or backpacking to a rescue site.

Key Features

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

Additional Features of split 71-S

- Separates for compact storage or backpacking to rescue site
- Stretcher halves store nested together
- Stretcher is quickly assembled and secured with pins

FWE71S
(Split Version)

FWE71
(One-Piece)

TRAVERSE GAZELLE BASKET STRETCHER *FWETBG (STANDARD); FWETBGCS (CONFINED SPACE)*

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.

The Traverse Gazelle represents a cost effective alternative that will meet the needs of industrial rescue.

Key Features

- 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
- Cost effective

FWETBG
(Standard)

FWETBGcs
(Con Space)

DHS BASKET STRETCHER *DHS-309-7*

The DHS Basket Stretcher's yellow high-density polyethylene patient shell is supported and surrounded by a powder coated, monocoque design aluminium frame.

- Full length underside runners provide additional support and assists when dragging over uneven terrain
- A fully exposed outer rail provides good handling and attachment options
- Suitable for vertical or horizontal lifting
- Ideal for industrial, mining or construction use
- Supplied standard with three two-piece quick release patient restraints

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
DHS Basket	DHS-309-7	215 cm	63 cm	24 cm	14.25 kg	300 kg	BRB-TLB or BRB-TLB-TL	MCC387A

* Weight includes patient restraints and footplate where applicable

FERNO RES-Q-MATE RESCUE STRETCHER   *FWE2060D*

The Res-Q-Mate is designed for rapid evacuation in building collapses, mine rescue, helicopter and confined space rescue. Its rigid frame provides an ideal platform to evacuate suspected spinal injuries.

Torso and leg flaps wrap around the patient while a head restraint and four adjustable, colour coded, chest, thigh and lower leg straps assist in securing the patient.

Constructed of high grade stainless steel and quality synthetic materials the Res-Q-Mate is resistant to rot and corrosion and designed to be easily wiped clean. Folds compact and nests inside a heavy-duty reflective backpack.

Comes complete with a four-point lifting bridle, 50 m tag line system, adjustable head restraint, head pillow and reflective backpack.

The Res-Q-Mate Lift Bridle (*CODE BRB-2063*) is fixed in length for weight distribution and supplied with four lightweight karabiners.
500 kg Working Load Limit.

NSN# 6530-66-158-4325

Res-Q-Mate Rescue Stretcher	Length	Width	Depth	Weight with pack & bridle	Load Limit
Folded & Packed	100 cm	28 cm	18 cm	17.5 kg	-
Deployed	185 cm	28 cm	10 cm	17.5 kg	180 kg

FERNO RES-Q-MATE STRETCHER HANDLE KIT   *FWE2062*

When the Ferno Res-Q-Mate Stretcher needs to be carried for any lengthy period the Handle Kit offers greater carrying options for the rescuer by providing more comfortable and lift friendly positions.

The Handle Kit conveniently locks in position at either end of the stretcher.

Ideally the Res-Q-Mate Handle Kit should be used with the Ferno Stretcher Handle Shoulder Harness so that the combined weight of the patient and stretcher can be transferred from the arms and evenly shared through the shoulders, chest and back.

Shown with optional stretcher handle
shoulder harness

SKED RESCUE STRETCHER   *CMC752001*

Compact storage, ease of use and flexibility while transporting has made the SKED Rescue Stretcher popular with rescue squads, military and ski patrols. Made from a heavy sheet of plastic, the stretcher becomes rigid when folded around the patient.

A variety of handles and straps assist with multiple forms of stretcher transportation including vertical and horizontal lifts with rope systems and helicopter transportation. These handles and straps also help with towing the stretcher. Sliding is made possible with the smooth bottom surface of the stretcher.

The full system comes complete with the stretcher, Cordura nylon backpack/towing harness, 2 x straps, horizontal lift slings, vertical lift sling, large steel karabiner and four removable web handles. NSN # 6530-01-620-2575

Length	Width	Weight
91 cm	23 cm	8.2 kg (full system)

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.

Also supplied standard is an integrated, comprehensive, colour-coded full body restraint system that includes a padded head restraint, six over body restraints, shoulder and groin straps along with a generous foot strap to assist with vertical lifts.

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.

Key Features

- Constructed from internal high density polyethylene with a mixture of tough 1000 and 1680 denier Cordura with a heavy polyurethane coating
- Integrated colour-coded head, shoulder, groin and foot restraints
- 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

Also available in military colours

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.

Rated to 25 kN.

COMING IN 2021

FERNO VRS SKID   *VRES-SKID*

The Ferno VRS Skid is designed to protect the Vertical Rescue Stretcher from damage 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 VRS 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.

Once fitted, the VRS Skid rolls up with the Vertical Rescue Stretcher and stored into the original backpack. When fitted, the VRS Skid does not interfere with any of the functionality or features of the stretcher.

FERNO XTRIC8 RESCUE SLED

The Ferno Rescue Sled provides a versatile and cost-effective solution for universal rescues including lowland, mountain, confined space, and high angle extrications. The XTRIC8 is a compact and durable system. Smart features incorporated into its design reduces the time and effort required to package patients while providing traditional functionality and tactical evacuation methods in an intuitive and ready-to-use device.

Key Features

- XTRIC8 is supplied as a complete, ready to use unit with all necessary hardware.
- Pre-rigged for immediate deployment out of the bag
- Includes an internal patient harness for maximum patient security
- Colour coded, 4-point lifting bridle
- Reflective external webbing for enhanced visibility in low light conditions
- Glove-friendly straps and buckles
- Robust carry bag with four large pockets for additional gear, reflective webbing and a backpack harness.

FERNO LIFESAVER RESCUE STRETCHER   *FWELS REV.01*

The Ferno LifeSaver Stretcher is a modernised version of the original Neil Robertson Stretcher and is designed for quick, simple patient fit in horizontal and vertical lift situations where minimum bulk is a consideration.

The LIfeSaver Rescue Stretcher comes complete with integrated leg and torso flaps that envelope the patient like a traditional corset. Movement is minimised with a head restraint, five built-in patient restraints and a long foot strap.

Various carry handles and attachment points are supplied for patient transport and lifting the stretcher. The compact, roll-up design makes storing and transporting the stretcher easy. Full length ribs interwoven in tough 1000 denier, high-tenacity nylon fabrics cocoon patients while restricting their movement in a very narrow patient package. Supplied with carry case. Also available in military colours.

Length	Width	Height	Weight	Load Limit
153 cm	104 cm	3 cm	5 kg (full system)	159 kg

PARAGUARD EXCEL RESCUE STRETCHER   *CODE FWE1411*

The Paraguard is designed for a variety of rescues and is a compact and versatile rescue stretcher that is entrenched in NATO and various defence forces around the world. This stretcher is approved for use by many authorities including NATO 6530-99-446-9403.

For storage and ease of transport the Paraguard folds and nests within a backpack supplied as standard.

Options and Accessories

- 4 point lifting bridle (BRB-1415)
- Carry handles pair (FWE1412H)
- Shoulder harness system (BRH-1413)
- Valise (FWE1411V)

TRAVERSE STRETCHER CARRIERS

The Traverse carriers are designed to fit any style of basket stretcher and offer greater leverage and easier carrying options reducing fatigue and the chance of injury.

The wide set handles have eight adjustable positions which offer flexibility for different operator heights. At its lowest position, the carriers provide a stable platform for litter / stretcher stability and to assist with loading both the stretcher and patient. Traverse stretcher carriers are all supplied with two ratchet-style stretcher securing straps. For storage the wheel(s) can be quickly and easily removed for storage. Handles fold compactly.

TRAVERSE MULE   *TRAV11-2220*

TRAV11-2000 Storage Bag   **Basket stretcher sold separately**

The Mule's all-terrain, oversized single wheel offers greater tracking ability and shock absorption for smooth and comfortable patient transport.

- Single-wheel design is ideal for narrow trails, allows for agility, versatility and ease of movement in the roughest terrain including bogs, ruts, roots, rocks and snow

TRAVERSE PORTER   *TRAV11-2224*

Basket stretcher sold separately

The Porter features two large diameter, never-flat wheels.

- The Porter is ideal for more defined terrain
- Its wider wheelbase offers greater stability for both the patient and attendants

Code	Product	Length (stored)	Width (stored)	Height (stored)	Weight	Load Rating	Optional Storage Bag
TRAV11-2220	Mule II Single Wheel with Handles	93 cm	70 cm	47 cm	20 kg	227 kg	TRAV11-2000
TRAV11-2224	Porter Dual Wheel with Handles	95 cm	71 cm	50 cm	18.5 kg	227 kg	TRAV11-2000

Basket stretcher sold separately

FERNO TIROL KIT   *FWE21-0120-023 (KIT EXCLUDES STRETCHER);   FWETTI-SP-TIROL (CUSTOM STRETCHER ONLY)*

A lightweight and versatile patient transportation system ideal for long haul retrieval and technical rescue with ergonomic operation on even the most difficult terrain. At an incredibly lightweight 10.8kg the Tirol Kit can be backpacked individually or divided amongst rescuers and quickly set up and utilised by a single rescuer.

The Tirol Kit is designed for a modified Tirol Titan Titanium split basket stretcher with purpose built head and foot plates (sold separately). The combination of these two lightweight products makes it possible to operate in the most hostile and inaccessible areas. The Tirol Kit comes complete with four articulating and removable handles, two attachable side rail/wheel axle arms, one lightweight wheel, two shoulder harnesses and a carry bag. The custom Tirol Titan Titanium Split Basket is sold separately.

- Attached or removed quickly with the patient in stretcher, even by a single rescuer
- Lightweight 10.8 kg, back packable and divisible between rescuers
- 12 position adjustable carry handles match the rescue team or terrain requirements
- Carry handles become legs to provide an elevated, stationary position to attend the patient
- Anti-wear treatment of metal parts to guarantee extended durability. 225 kg capacity
- Tirol Traverse Titanium Split Basket (sold separatey) 9.9 kg
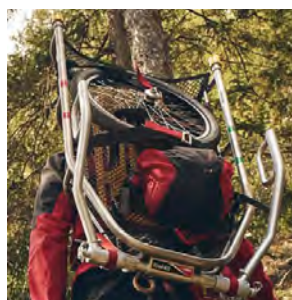
Tirol Kit with optional
Tirol Titan Titanium Split Basket

Tirol Kit with optional
Tirol Titan Titanium Split Basket

RESCUE & RETRIEVAL

71

FERNO 71 SERIES BASKET WHEEL KIT   *FWE71W*

Designed for the Ferno 71 Series Basket Stretchers, the wheel kit attaches to the foot section of the basket with four quick-release fasteners. The wheel kit is ideal for remote transport or rescues over longer distances. Large 260 mm (10¼ in) pneumatic wheels with all-terrain tyres are suitable for all indoor and outdoor surfaces. Basket sold separately.

TRAVERSE TITAN 32" BASKET WHEEL KIT   *FWE32W*

NEW

Designed for the challenging transport of obese patients, the FWE32W Wheel Kit attaches to the foot section of the Traverse Titan 32" Basket Stretcher with four quick-release fasteners. It is ideal for any organisation that is involved with bariatric patient rescue and transport. Large 260 mm (10¼ in) pneumatic wheels with all-terrain tyres are suitable for all indoor and outdoor surfaces. Basket sold separately.

Code	Product	Length	Width	Height	Weight	Capacity
FWE71W	Ferno 71 Series Basket Wheel Kit	600 mm	680 mm	320 mm	5.1 kg	200 kg
FWE32W	Traverse Titan 32" Basket Wheel Kit	700 mm	950 mm	480 mm	12 kg	400 kg

TRAVERSE SPLIT BASKET BACKPACK   *TRAV-05-0146-BLUE*

The Traverse Split Basket Backpack is made from premium fabrics to protect from all environmental elements.

It has fully padded and adjustable hip and shoulder straps plus a set of alternative carrying handles. There is ample room for storage of other accessories, with two adjustable internal straps securing these contents. A heavy duty, dual nylon coil zipper enables easy gear loading and unloading. A protective liner and padding provides additional user comfort and gear protection.

For use with all Traverse Rescue Split Apart basket stretchers.

TRAVERSE SPLIT BASKET SHOULDER HARNESS   *TRAV-05-0150*

A simple lightweight harness system for backpacking split apart basket stretchers across rough terrain.

The harness is made with vinyl-coated, woven polyester scrim/mesh and includes nylong webbing, plastic side release buckles and padded shoulder and waist straps.

For use with all Traverse Rescue Split Apart basket stretchers.

BASKET STRETCHER CARRY CASE   *MCC-387A (ONE-PIECE BASKET); MCC-387B (SPLIT BASKET)*

Two models are designed to carry all Ferno, Traverse or DHS one-piece or split baskets with the exception of the Traverse Titan 32 Bariatric Basket.

- Heavy duty ripstop vinyl provides ideal protection
- A large hook and loop opening allows easy insertion and removal of the baskets
- A heavy duty webbing with eyelet is sewn into the ripstop vinyl to enable the encased basket to be hung from the wall
- The bag features screen printing and a centrally positioned carry handle

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. Each version has a working load limit of 315 kg.

Available with small gate opening, steel screwgate or triplock karabiner

Available with large gate opening, steel screwgate or triplock karabiner

Code	Description	Gate Opening	WLL	Weight	Compatible with
BRB-TLB	Small Steel Screw Gate Karabiner	26 mm	315 kg	2.2 kg	Traverse & DHS Baskets
BRB-TLB-TL	Small Steel Triplock Karabiner	26 mm	315 kg	2.2 kg	Traverse & DHS Baskets
BRB-TLB-TX11S	Large Steel Screw Gate Karabiner	65 mm	315 kg	2.7 kg	Traverse, DHS & Ferno Baskets
BRB-TLB-LTA	Large Steel Triplock Karabiner	48 mm	315 kg	2.7 kg	Traverse, DHS & Ferno Baskets

FERNO BASKET PATIENT HARNESS *BRH-BPH*

NEW

The Ferno Basket Patient Harness is used in conjunction with standard basket patient restraint systems to safely secure and reduce patient movement during technical and vertical lifts.

The harness utilises the same high quality quick connect alloy buckles and components as Ferno's range of high-end rescue and rope access full body harnesses:

• Two quick connect buckles for leg strap adjustment
• One quick connect buckle for shoulder strap adjustment
• Integrates with all Traverse Rescue baskets
• Two-piece design with quick fit patient and basket attachment points

RESCUE BRIDLE ATTACHMENT SYSTEM *BRB-LBRA*

The Ferno Rescue Bridle Attachment System allows the attendant to be optimally positioned at the side of the patient when being hauled, lowered or airlifted alongside a litter or basket stretcher.

The complete system contains a 5-step etrier, daisy chain, rope grabs, 3 m of rope and all other necessary hardware.

TRAVERSE STRETCHER HANDLES & FERNO SHOULDER HARNESS

FWETBLH (HANDLES PAIR); BRH-2061-REV01 (SHOULDER HARNESS)

This set of two wide, stainless steel handles slide onto the end of a Traverse Gazelle or Titan Stretcher (including the Titan 32") for easier lifting and carrying. Rubber grips provide a secure grip.

For longer hauls, attach the Ferno Stretcher Handle Shoulder Harness to the handles to transfer the weight to your shoulders, chest and back. The Ferno Shoulder Harness is compatible with the Res-Q-Mate Handle Kit and the Traverse Stretcher Handles.

EARS ANTI-ROTATION SAIL   FWEEARS

Lightweight and compact, the anti-rotation sail minimises basket rotation from helicopter downdraft.
- Made with high tenacity and low porosity polyamide providing greater efficiency during use
- Quickly deployable by pulling the orange integrated handle with ergonomic grip
- Eight attachment straps provide universal fitting to the entire Ferno rescue stretcher range
- Storable and ready for use in the integrated pocket

CMC RESCUE ORIGINAL LITTER SHIELD

The Litter Shield protects the patient from falling rocks, debris, inclement weather and rotor wash without compromising access and visibility. The Shield attaches to a mount on the basket stretcher rail that allows the shield to quickly pivot and nest inside the stretcher for transporting and storage. Weight 2.7 kg.
- Made from thick Lexan for impact resistance but with the visibility of glass
- Attaches via a stretcher mount that allows the shield to pivot out of the way or be completely removed if necessary
- Each shield requires a railing clamp that must be ordered separately

Code	Description	Compatible Stretcher	Size	Weight
CMC740000	Litter Shield, Original			1400 g
CMC740011	Railing Clamp	Traverse Gazelle Series	19 mm	77 g
CMC740012-K	Railing Clamp	Ferno 71 Series	35 mm	85 g
CMC740016	Railing Clamp	Traverse Titan Series	25 mm	68 g
CMC740017	Railing Clamp	Traverse Advantage and Spartan Series	22 mm	70 g
CMC740015	Pin, Litter Shield Replacement			60 g

FERNO TAGLINE SET   VRES TAG LINE

A tagline controls the movement of the stretcher during a short haul or hoist operation.
- The Ferno Tagline Set includes 50 m of 3 mm cord, a steel oval maillon rapide (quick link) and a quick release stainless steel snap shackle
- It is stored in a bag that is large enough to fit other stretcher accessories if required
- Weight 600 g

TRAVERSE RESCUE PILLOW/BLANKET   TRAV-EB700YP

The Rescue Pillow's outer case is made from wipe clean vinyl and can be used as a patient pillow or the blanket can be removed from the case for patient warmth.
- The blanket is lightweight washable fleece
- The case has two velcro attachment strips for securing to the basket

CMC RESCUE STRETCHER PACK   CMC432401

Designed to hold stretcher harnesses, stretcher straps, tie-in straps or web, and anything else you need to go with your stretcher.
- Convenient velcro straps allow the bag to be connected to the stretcher rail
- The stretcher pack features a handle and karabiner loops and is made from tough cordura nylon
- Size: 51 cm x 18 cm

TRAVERSE FLOATATION DEVICE   *FWE471*

Provides flotation assistance during patient handling in water.
It's flexible, two piece design allows for quick and easy installation on a wide variety of basket stretchers. Made with polyethylene foam covered with a nylon shell that provides 30 kg of buoyancy to keep the patient's head and torso above water line. Conveniently stores inside basket stretcher when not deployed.

FERNO PATIENT/STRETCHER COVER   *FWESC*

Protects bedding, equipment and keep patients dry and warm in inclement weather. Lightweight, coated nylon, elasticised rim and outer Velcro straps fits any cot or basket stretcher. Dual opening zip allows quick access to patient or equipment. The cover stuffs within its storage pouch which attaches to the stretcher.
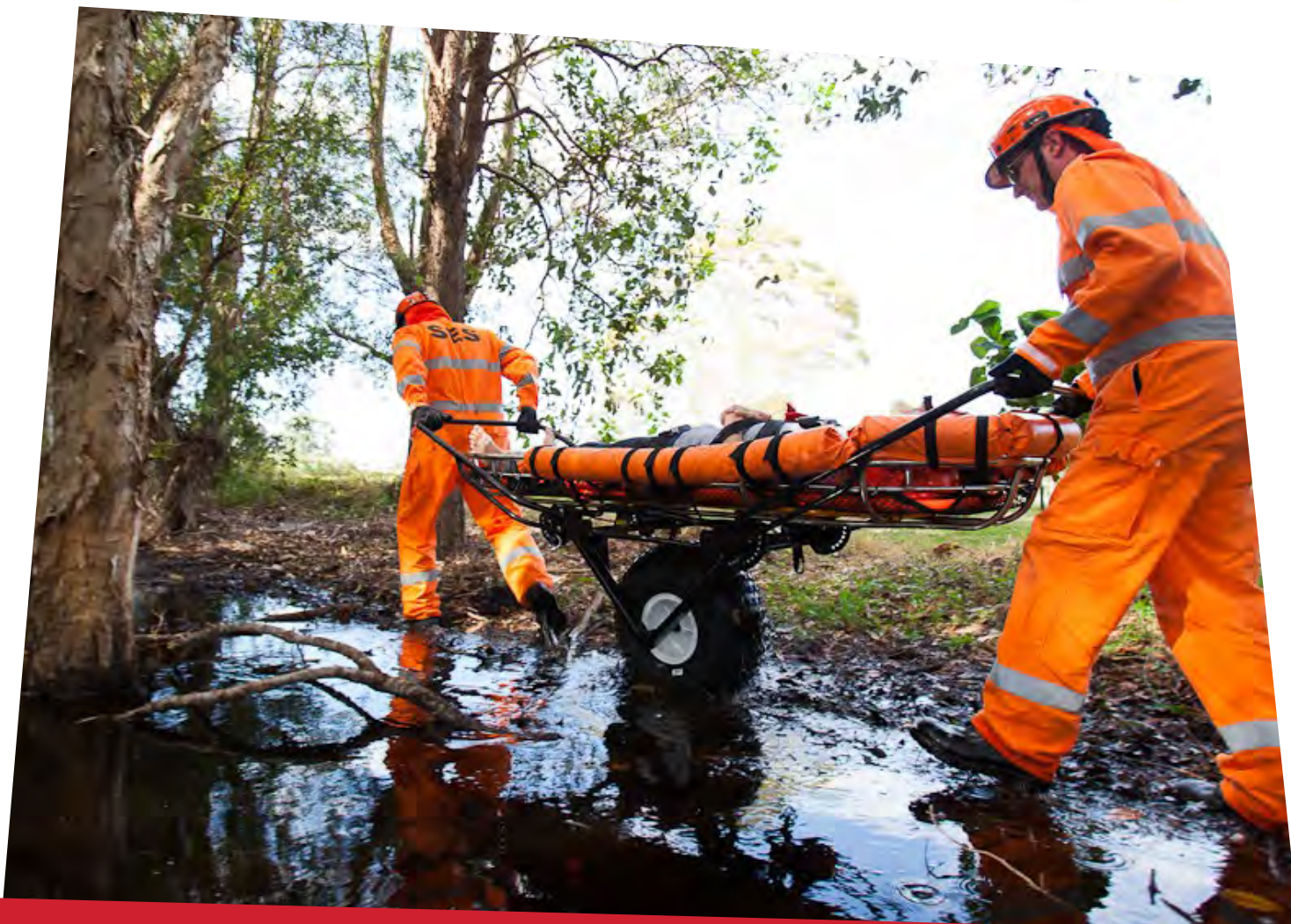
PATIENT LIFTING SLING *VRES PAT LIFT+*

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.

Certified to CASA ATSO-C1003 Helicopter External Personnel Lifting Devices.

LSP CINCH RESCUE COLLAR *CMC721593*

The Cinch Rescue Collar allows a victim to enter the collar from either side. The victim's weight releases the connector, allowing the collar to "cinch" around the victim. The Cinch Rescue Collar can also be deployed from land or watercraft. As a flotation device, the Cinch can be used as a life ring buoy with the added capability of gripping the victim.

Carrying case included. Inside diameter when open is 51 cm

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.

EZ-STUFF THROWLINE BAG SET
CMC291550 (SET); CMC433574 (BAG ONLY)

The flat base and side grommet keeps the bag upright and wide open allowing easy rope stuffing. A quick release handle assists with accurate throwing and upright clipping to your PFD. Reflective with built in flotation.

The set contains 15 m of NFPA throwline for a high-performance, floatable throwline solution for rescue. Weight 570g

K9 RAPPEL HARNESS *CMC890224*

The K9 Rappel Harness features rugged Cordura exterior nylon panels with breathable D3 cloth on the inside.

A soft loop main connection with integral 50 mm web straps securely supports the dog when suspended while a stowaway webbing harness fits around the rear legs for additional security. A large handgrip makes it easy to lift, position and control your dog.

The harness also features a rear attachment for lead connection and elastic loops to secure a light stick. Extensively tested, proven and trusted worldwide by K9 teams for comfort, security and ease of use. One size will fit most rescue dogs. Weight 930g.

FERNO SAERBAG 3 *FWESAERBAGIII-Y*

Created for the rescue and transport of patients in difficult environments. The outer bag allows space for an immobilised patient on a scoop, backboard or vacuum mattress and the integrated lifting bridle allows horizontal lift by winch or ropes in a difficult environments.

Key Features

- Tear, fluid, stain and mould resistant fabric
- Three windows for patient monitoring
- Internal length adjustment system
- Four integrated external patient straps
- Integrated Ten arm adjustable lifting bridle
- Two anti-rotation sails and six tag line links
- Anti-fuse tag line release system
- Six inner securing straps for scoop or backboard
- Six high visibility lifting handles
- Patient monitor cable access
- Supplied with carrying case

HELITACK STORK *CMC724309*

The Helitack Stork paediatric rescue carrier was developed for safe transportation of paediatrics and infants during helicopter rescue.

Key Features

- Base and sides lined with 25mm closed-cell foam for rigidity and buoyancy.
- Integrated quick connect harness for quick and secure loading/unloading
- Top and side adjustable ventilation panels for environmental conditions
- Clear top panel for patient visual contact and weather/rotor wash protection
- Expandable ends to accommodate most paediatric back boards
- Hi-Vis side handles for positioning and loading during hoist operations
- Reflective strips for enhanced dark time visibility
- Hoist straps with rigid web handles plus steel D-ring attachment points
- Constructed from extra long-life 1000-denier Cordura nylon
- Folds to 115mm x 405mm x 790mm for minimal stowage space
- Load capacity 45 kg. Weight 2.9 kg

RESCUE BOAT SEA SCOOPA

Designed for the rescue and retrieval of a man overboard (MOB) in a horizontal or vertical position. SeaScoopa enables two crew to complete the rescue operation without entering the water.

A favoured bit of kit, the SeaScoopa Includes an integral stretcher that clips on to the rescuers' safety harness allowing the MOB or patient to be stretchered immediately after water retrieval to eliminate unnecessary handling of the patient.

1 SCOOP THE PATIENT >>> **2 LIFT** FROM WATER >>> **3 STRETCHER** THE PATIENT
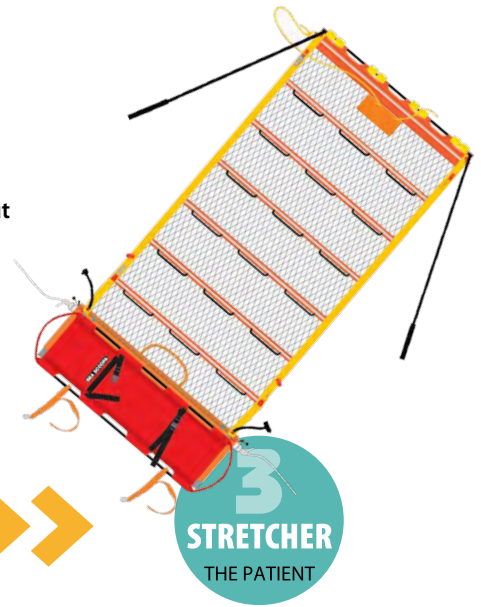
The SeaScoopa deploys in under two minutes. The bright, reflective net has a rigid outer batten with floats and handgrips to aid lifting. The crew hold this batten away from the vessel with two poles attached to its fore and aft ends to form a scoop shape.

Capture the patient while the boat is in motion and has steerage. SeaScoopa's unique patented scoop net prevents the patient from being swept out the aft end during capture.

Once scooped and netted, the patient is brought on board using a rolling and lifting motion called parbuckling by two crew – first using the handgrips on the outer floating batten, then the six handgrip sets incorporated in the body of the net.

SeaScoopa's design and 2:1 mechanical advantage of the rolling lift reduces the lift load by 50%, improves the operators' lifting techniques, reduces their risk of back injury and is better for the patient by reducing the risk of circulatory collapse during the rescue process.

The patient is received into SeaScoopa's integrated, lightweight stretcher once he or she is raised over the gunwale. The outer pole of the stretcher is supported during this process by clipping onto the rescuers' life jacket D-ring.

The inner side of the stretcher is then detached from SeaScoopa's net by releasing two snap shackles and the patient is either lowered to the deck or transferred elsewhere after being restrained to the stretcher.

Code	Load Limit	Packed (W) x (H)	Net (W) x (H)	Weight
VRES SEASCOOP 3.3	300 kg	2050 mm x 525 mm	1830 mm x 3440 mm	17 kg
VRES SEASCOOP 4.3	300 kg	2050 mm x 525 mm	1830 mm x 4440 mm	20 kg

The Reach and Rescue System speeds up rescues and improves the operator's safety and capability in challenging and hazardous scenarios.

Reach and Rescue poles extend and contract with the ability to quickly attach a large variety of flotation, retrieval and access tools making the system exceptionally versatile and significantly more accurate and faster than the throw bag procedure.

The Reach and Rescue Pole is indispensable for water, ice, mud, confined spaces and height access scenarios and constructed from ultra-light carbon fibre with options from 5 m through to 17 m but store at a manageable 1.8 m to 2.6 m. Each pole has a snap-on head assembly with a failsafe rope to ensure the pole remains intact when extended. Attachments range from snares, grappling hooks, underwater inspection cameras and trigger blades for lopping branches.

Tested and certified by LEEA. Compliant UK lifting operations and lifting equipment regulations 1998.

Pole	Code	Extended Length	Collapsed Length	Weight	Float Required
5 m Standard Fibreglass	RRPS	5 m	1.8 kg	2.1 kg	No
9 m Ultra-Light Carbon Composite	RRUP9	9 m	2.1 m	3.1 kg	Yes
13 m Ultra-Light Carbon Composite	RRUP13	13 m	2.4 m	4.7 kg	Yes
17 m Ultra-Light Carbon Composite	RRUP17	17 m	2.6 m	5.2 kg	Yes

RESCUE & RETRIEVAL

Body Hook
Code RRBHK

Clamping Float
code RRF

Crook
Code RRCK

Grappler
Code RRGP

Pro Spring Snare
Code RRPS

Flotation Collar
Code RRFC

Boat Hook
Code RRBH

Bird Hook
Code RRSH

Carbon Fibre Line Hook
Code RRLHCF

Line Hook
Code RRLH

Rescue Net
Code RRRNET

Rescue Throwbag
Code RRTB2

Sonar Search Frame
Code RRSO
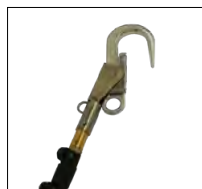
Scaff Hook Carrago
Code RRLCO

Rope Blade
Code RRRB

Trigger Blade
Code RRTB

GoPro Adapter
Code RRGPRO

Search & Inspection Camera Code RRPROCAM

Kit Bag
Code RRKB

Pole Bag
Code RRPB

Wading Pole
Code RRWP

arachnip⬣d

Total Edge Management System

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.

Arachnipod models are shown with the original Standard Foot but will be supplied with the new dual-function Standard Foot 2 effective late 2020.

Photo Credit: Lat'n'Long

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

STANDARD TRIPOD

CODE: 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

CODE: 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

CODE: 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)

CODE: 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

CODE: 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

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

All parts supplied in 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

ARACHNIPOD LEGS

Standard Leg   Pulley Leg   Lazy Leg Leg

1 **NEW Standard Foot 2 (90-0472)** Dual function for smooth or rocky surfaces

2 **Spike Foot** Spike tip for rocky terrain. Rounded end to avoid damaging surfaces

3 **Soft Ground Shoe** Limits ground penetration on soft surfaces

4 **Hold Down Stake** is driven into the ground to prevent unwanted tipping or movement
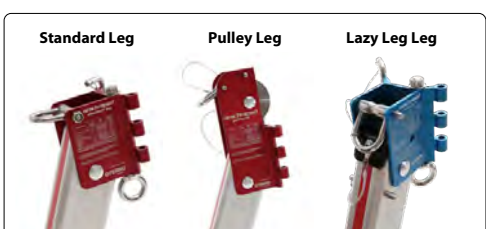
Qwake – Masaya Volcano, Nicaragua

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 - scan the QR code on 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.

Equipment Bracket (90-0119)

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

Winch with Cable (APOD-W*)

Winch with mount bracket and basic wind up/down mechanism. 6mm galvanised steel cable. 10m, 20m, 25m. WLL 220kg.

Fall Arrest Block (APOD-FA)

Supplied with a bracket which mounts to the middle section of any supporting leg. 15m length. WLL 136kg / 300lb

APOD-FBA   APOD-IK

Fall Arrest Block Adaptors

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

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

EAGLE NEST BIPOD / TRIPOD

The Ferno Eagle Nest system is an extremely lightweight, versatile and multipurpose tripod/bipod made from high grade Ti-3AI-2.5V titanium.

Designed in collaboration with leading Remote Rescue specialists in Europe, the Eagle Nest is intended to store compactly in backpacks for portable transfer to the emergency scene. Each Eagle Nest bipod or tripod is supplied as standard with a customised transport bag / backpack measuring 1400mm x 400mm x 200mm.

The system is easy to assemble and disassemble in the field including conversion from a bipod to tripod configuration. The tripod is highly stable and provides a large working area due to its wide footprint and self-adjusting ball joint feet which suit any surface.

- **Eagle Nest Bipod** packs down to a lightweight 16.8 kg or 19.6 kg including the supplied transport bag

- **Eagle Nest Tripod** weighs 25.4 kg and is supplied with two Eagle Nest Transport Bags so tripod components may be divided and the load shared amongst the rescue team.

The Eagle Nest is certified to EN795:2012, type B and CEN/TS 16415:2013 (Eagle Nest 3) and type A (Eagle Nest 2) for use by three people.

NEW

Eagle Nest BIPOD packs down to a lightweight 19.6 kg including supplied transport backpack

Eagle Nest TRIPOD is supplied in two backpacks so the load may be shared between rescuers

Code	Product	Weight	Weight with Bag(s)
910-0150-006	Eagle Nest Bipod	16.8 kg	19.6 kg
21-0150-007	Eagle Nest Bipod / Tripod	25.4 kg	31 kg
	Eagle Nest Transport Backpack	2.8 kg	N/A

Self-adjusting Ball Joint Feet suits any surface

Designed for quick and easy assembly

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

IndustriPOD

IndustriPOD+
Shown with (L) **Fall Arrest Block Adaptor and SALA winch** and (R) **Winch with Adaptor Bracket (not available USA)**

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

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

| Hold Down Stake 16-1046-0 | Step 07-1026-0 | Equipment Bracket 90-0119 | SALA Fall Arrest Block Adaptor   APOD-FBA | IKAR Fall Arrest Block Adaptor APOD-IK | 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 / 86 in from Eyebolt 360 kg / 793.6 lb from Side Plate	23 kg 50 lb
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 lb Pulley over Leg 360 kg / 793.5 lb from Side Plate	25 kg 55 lb

FERNO CONFINED SPACE KIT *HS-CSK (INDUSTRIPOD); HS-CSK+ (INDUSTRIPOD+)*

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.

Each kit includes:

- 1 x Ferno IndustriPOD **or** Industripod+
- 1 x Winch: Intuitive wind up/down mechanism with 10 m of 6 mm galvanised steel cable and screwgate karabiner (20 m and 25 m lengths also available)
- 2 x HS-FH24-CS Full Body Harness. Fully adjustable, multi-size fit, front and rear fall arrest attachment points plus con space attachment points. Certified to AS/NZS 1891.1:2007
- 1 x Ferno Spreader Bar: Attaches to confined space pick up points on harness shoulder straps. Certified to AS/NZS 1891.1:2007

Industripod

Industripod+

HONOR DAVIT SYSTEMS

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 – pending
- US-Standard: Z359.14-2012-A – pending

Davit Transport Trolley
HSC-R010.235.300

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

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

Galvanised or Stainless Steel Floor Adaptor
HSC-R010-235-115
HSC-R010-235-111

TwinSleeve Davit system with Spider® Base Mount
Davit System: HSC-R010.235.100
Base Mount: HSC-R010.253.120

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 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 6.5kg. Certified EN 795 Class B. Max 2 workers.

HONOR HINGED HANGING LADDER (1 METRE)
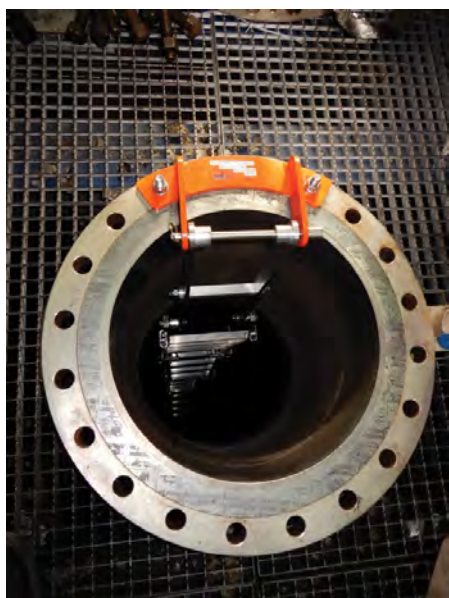
A perfect pairing with the Honor Rescue Slide or Hanging Ladder FlangeClamp. Installation is external to the confined space and provides many advantages over rope ladders particularly in small diameter spaces.

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 - Ladder FlangeClamp
- HSC-R301.001.002 - Connector

HONOR FAB RESCUE FALL ARREST BLOCK

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

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 make this product a worthy investment
- Certified to EN 360:2002, EN 1496:2006 - MD2006/42/E - ANSI Z359.14-2012-A pending

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

Code	Wire	Length	Weight	SWL
FPED15	5mm Galvanised	15 m	18.7 kg	150 kg
FPED33	5mm 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
MRW15	5mm Galvanised	15 m	11.5 kg	150 kg
MRW33	5mm Galvanised	33 m	19.5 kg	150 kg

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 Scaff 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 certified AS/NZS 1891.3, EN 360:2002. Hardware conforms 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

AZTEK ELITE   *SC-AZE15 (STANDARD); SC-AZE15-EP (EXTRA PIN)*

A compact mechanical advantage system with many uses in rescue and rigging including pick off, travel restrict, adjustable and high directional, guyline, high-angle attendant and litter scoop tether, load release hitch and more.

Aztek pulleys are in two colours with colour coded Prusik which can be activated or deactivated so the ratchet can be at the top or bottom pulley. Swivel Omini pulleys 36 kN Prusik cord 19kN. Suitable for main or belay system rescue loads to 280 kg.

AZTEK PRO SERIES PACK   *CMC434319*

Designed to offer the perfect Aztek carry solution. The pack has two compartments, one for the Set-of-Fours and the other for the personal travel restrict end. Made from heavy duty cordura nylon with reflective properties and a mesh base for quick components drying. Includes exterior zippered pocket and gear loop.

Can be worn around waist or thigh. Weight 425g.

FERNO EVAC RESCUE DESCENT KIT

UL-MINIEVAC2PKIT
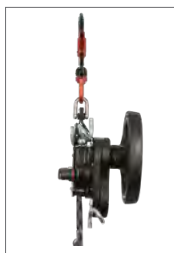
Mark Elephant Hub   **Pull Out Handle**

Ferno Evac Rescue Descent Kit is the easiest method of rescue on the market. The kit is packaged ready to rescue eliminating rigging set up time. Each kit contains all the gear you need to self-rescue or evacuate one to two persons from towers, wind turbines, masts, high bay lift trucks, cranes or similar. A controlled rate descent device with a hand wheel, geared recovery mechanism provides lifting capabilities for either one or two person, self-rescue evacuation.

The hand wheel can be operated/turned three ways: via the perimeter of the wheel, via the pull out handle within the wheel or with a hand drill to the centre nut to facilitate faster ascent or descent reducing fatigue from manual operation. Each kit contains 50 m of 9.6 mm kernmantle rope, Mark Elephant Hub, Ferno Res-Q-Link Recovery Pole, 1500mm round and snake sling, 50kN steel triplock karabiner, 100m standard rope bag.

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

RES-Q-LINK RECOVERY POLE   *FWE2090*

Large alloy hook, knife in stored position

Large alloy hook with web cutting knife

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

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

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

FERNO FALL RESCUE PLAN KIT *FWE-FRPK*

NEW

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 effortless 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 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
- Rope MBS 35 kN

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

NEW

FERNO EXTENDABLE RESCUE POLE *VPNI PN821N*

When extended, the **Fall Rescue Plan Pole** twists effortless 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

NEW

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

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.

Features

- 250 kg maximum WLL - 1 person working or 2 person rescue.
- Components certified to ANSI Z359:4:2007, EN 12278.
- Rope MBS 35 kN.

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

5:1 System   3:1 System

FERNO CONFINED SPACE RESCUE KIT (CSRK)

FWE-CSRK (ROPE BAG); FWE-CSRD (DRUM)

The Ferno CSRK is designed for multi-purpose use including confined space entry and egress, rescue, working at height, work positioning, ascent, controlled descent and as a main or secondary system.

The 4:1 mechanical advantage lifting capability allows the operator to reduce the manual handling lift ratio to a quarter of the load weight with a manual override for descent. The total length of rope in the system is 50 m which allows for a 'working length' of approximately 12 m lowering or lifting.

Supplied standard with a heavy duty rope bag, also available with an optional dust proof stowage drum. Customised rope lengths available.

- 250 kg maximum WLL - 1 person working or 2 person rescue.
- Components certified to ANSI Z359:4:2007, EN 12278.
- Rope MBS 35kN.

HAULERBINER RESCUE KIT   *VISC HB105A (105CM); VISC HB165A (165CM); VISC HB300A (300CM)*

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 140kg with an MBS 16kN/3596 lbs
- Certified to EN12278, EN567

POLE TOP RESCUE KIT *VKIT POLE AS*

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

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

WP POLE TOP RESCUE KIT *VWP POLETOP RESC*

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

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

FERNO TOWER RESCUE KIT *VKIT-FTRK*

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

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

D2 ESCAPE DESCENDER KIT
VISC KT860A1-015

The D2 Escape Descender is compact and lightweight system allowing it to be worn on the user's harness at all times. It is the only micro-descender with a descent sweet spot and panic brake mechanism that stops descent 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. Certified EN12841, NFPA. Longer lengths or Technora rope is available on request.

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

CMC RESCUE MPD

The MPD is the world's first 3 in 1 multipurpose rescue haul device that allows the user to go from lowering to raising without changing hardware.

A high-efficiency pulley with an integral rope grab allows use as a raising system on the main line and belay line but can be quickly changed to a lowering device without switching out or replacing hardware.
The combination of essential features into a single device simplifies on-scene rigging, expediting the rescue. Reduced weight, fewer components, faster rigging, quick changeovers, simplified training and lower risk increases user safety. Approved EN 12278:2007. EN 341:2011/2A & EN 12841:2006/C

11mm

13mm

Code	Weight	MBS Pulley	Rope
CMC333010	1200 g	44 kN	11 mm
CMC333000	1200 g	44 kN	13 mm

CMC CLUTCH   *CMC335011*

The CMC Clutch is the latest evolution in rope access and rescue hardware that enables rope access technicians to do more with less. This multi-purpose device 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
- NFPA G rated when combined with CMC's G11™ 11mm lifeline rope
- Certified to ANSI Z359.4, EN12841/C, 341/2A and 15151/8
- A 13 mm version is expected for release in late 2020

NEW

Rope Size	Weight	Dimensions	Max Load	Pulley MBS	Becket MBS
10.5 - 11 mm	836 g	208 x 112 x 47 mm	272 kg	40 kN	22 kN

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

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

Easy Speed was designed in conjunction with the Sparrow Descender

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.

FDU200

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 360º 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, EN 341

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 requiremenets NFPA 1983G, ANSI Z359.4.2013

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

CT EASY SPEED FALL ARRESTOR   *VCT 2F714*

NEW

Compliant for vertical use and 0.5 mm sharp edge use with Patron Super 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, EN 12841-A/B, RFU 11.075 incline / horizontal sharp edge 0.5 mm.

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 - 11mm 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 11mm rope

CT EASY ACCESS FALL ARRESTOR   *VCT 2F720*

NEW

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
* 250 kg two person rescue workload when used with CT Link 30+		

FERNO BLACKTAIL DESCENDER   *FI-25-0868-001*

NEW

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

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 cams positive locking spring means the device is self-parking rather than self-tailing. The RED uses rotational braking so the more it rotates the more friction is built up, providing an automatic brake. Supplied with either a fixed tow cord 'Popper' which will break away in a panic fall or fixed tow cord. Approved CE EN 1284

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

RAD ROPE ADJUSTMENT DEVICE   *VISC RP815*

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

Approved EN12841, EN 358, EN15151

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

CT QUICK ROLL   *VCT 2D663*

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	225 g	140 kg

CT CHEST ASCENDER EVO   *VCT 2D640D0*

The EVO is commonly used as a chest ascender but can also be used for other applications.

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

Rope	Length	Width	Depth	Weight	WLL
10 mm - 13 mm	104 mm	77 mm	36 mm	145 g	140 g

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 11 mm rope, the Quick Step will grip on dirty or icy ropes.

Weight	Height	Depth
197 g	65 mm	83 mm

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	190 mm	95 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	141 mm	500 g	140 kg

ISC ROPE GRABS

VISC RP209A (11-13 MM PIP PIN); VISC RP203A (11-13 MM FIXED AXLE)
VISC RP205A (14-16 MM PIP PIN); VISC RP204A (14-16 MM FIXED AXLE)

REMOVABLE AXLE

FIXED AXLE

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

ROLL N LOCK   *VCT 2D625*

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

RESCUE FIGURE 8

VCT L6170001 (ALLOY); VCT I61700PO (STAINLESS STEEL)

Available in alloy or stainless steel. Our Rescue Figure 8 with ears is ideal for rescue rappelling or lowering heavy loads.
EN 15151-2:2012 Type 2
Break load 40 kN.
L 172 mm, W 172.
Weight 250 g (alloy), 543 g (S/S).

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

KNUCKL ROPE GRIPPER   *VAH-KNUCKL*

NEW

Scan for Knuckl action in the Video Tab

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.

RESCUE FIGURE 9 ANTI-TWIST DESCENDER

VISC RP130

Attachment eye set at 90°C to remain correctly positioned without twisting. Top spike prevents line cross-over on two-rope system. MBS 30kN
Weight 195 g
Break Load 35 kN
Rope 9 mm to 13 mm.

TRAVERSE 540 RESCUE BELAY
TRAV16-0100 (LARGE); TRAV16-0200 (SMALL)

TRAV16-0100 (Large)

The Traverse 540 Rescue Belay is developed specifically to meet the needs of rescue system belays. It is a self-locking device that is able to hold falling loads quickly while limiting the peak force. This well engineered device is easy to rig and the systematic design reduces the risk of improper loading. A built-in release lever reduces the tension on the belay rope, eliminating the need for a release hitch.

For use with kernmantle rescue rope. The BCCTR Belay Compliance Drop Test specifications require a 1 m drop of a 280 kg load onto 3 m of 12.7 mm kernmantle rescue rope, with less than 1 m of additional travel and less than 15 kN peak force.

TRAV16-0200 (Small)

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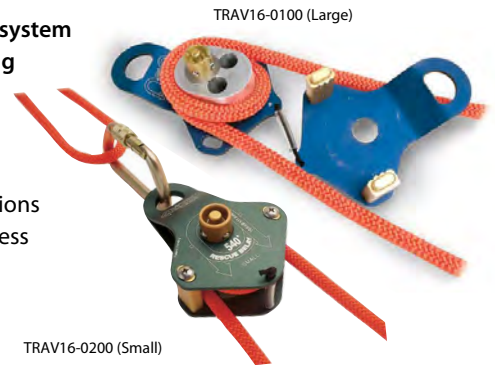
RALF™ LOCKING PULLEYS

R-ALF   ALF

A uniquely designed locking pulley system combining an inertia reel/speed sensitive locking system into a grooved pulley wheel.

This provides a simple mechanical method of protecting multiple workers in height safety and rescue scenarios or a climb assist system for workers on towers, masts, wind turbines and construction. Uses AS/NZS 4142.3 or EN1891 compliant 11 mm static rope.

Product	Code	Weight	Height	Width	Depth	WLL	Standards
ALF	VISC RP430 ALF	1205 g	210mm	139 mm	45 mm	140 kg	CE 0120, ANZI Z359.4.2007, EN 360
RALF with becket	VISC RP431 R-ALF	1243 g	240mm	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	WLL	Weight	Standards	Rope ⌀
VISC RP704 (Single)	30 kN	600 kg	660 g	EN567:97 NFPA	10 mm - 13 mm
VISC RP705 (Double)	30 kN	600 kg	904 g	EN567:97 NFPA	10 mm - 13 mm

CT EASY RESCUE PULLEY ANCHOR
VCT 2P656

A combined anchor and pulley for evacuation along 20 to 60 mm metal cables such as chair lifts and cable cars. The Easy Rescue operates as both a winch and lowering anchor to enable operators to be lowered along the cable. Clever design allows the Easy Rescue to slide along the metal cable without any rope interference.

Approved EN 795:2012-B, EN 12278:2007, EN 1909:2004

- High strength, double action hook with large gate opening
- Light in weight and well balanced, designed for one hand use
- Central safety pulley activated with extreme load
- Wide side ears allows greater operator control

NEW

BLL	Weight	Length	Width	Cable ⌀	Inclination
28 kN	1780 g	390 mm	260 mm	20 mm - 60 mm	± 50° maximum

CT UP LOCK AUTO LOCK PULLEY   *VCT 2P672*

NEW

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 ∅
6 kN	30 kN	115 g	8 - 11 mm EN 892 or EN 1891 rope or 8mm EN 564 cord

CT UP ROLL PULLEY   *VCT 2P671*

NEW

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 efficiences 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 ∅
6 kN	30 kN	175 g	8 - 11 mm EN 892 or EN 1891 rope or 8mm EN 564 cord

CMC PMP SWIVEL 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 ∅	Sheave Width	NFPA Rating
45 kN	320 g	38 mm	13 mm	General use

CMC SWIVEL 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 ∅	Sheave Width	NFPA Rating
44 kN	414 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
41 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

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	70 kN	16 mm	75 mm	896 g
VISC RP067D1	Large Double Becket	70 kN	16 mm	75 mm	1626 g

Alloy

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	≤ 13 mm

CT ORBITER F SINGLE FIXED PULLEY
VCT 2P663

NEW

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

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
VCT 2P663	Orbiter F Single Fixed Pulley	<13 mm	85 mm	48 mm	29 mm	100 g	30 kN
VCT 2P664	Orbiter M Single Pulley Small	<13 mm	63 mm	48 mm	29 mm	90 g	30 kN
VCT 2P660	Orbiter S Single Pulley	<13 mm	100 mm	70 mm	32 mm	180 g	32 kN
VCT 2P661	Orbiter D Single Pulley with Becket	<13 mm	125 mm	70 mm	32 mm	200 g	32 kN
VCT 2P665	Orbiter A Single Pulley	<13 mm	85 mm	48 mm	29 mm	100 g	30 kN
VCT 2P662	Orbiter T Twin Pulley with Becket	<13 mm	125 mm	70 mm	48 mm	310 g	50 kN
VCT 2P666	Orbiter L Triple Pulley	<13 mm	106 mm	70 mm	68 mm	445 g	45 kN
VCT 2P667	Orbiter H Triple Pulley with Becket	<13 mm	139 mm	70 mm	68 mm	465 g	45 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 are machined from superior grade aluminium and feature a central hole surrounded by six equally spaced attachment points. Each point is capable of accommodating multiple Karabiner connections allowing multiple loading options. All holes have smoothed edges to reduce wear and tear from rope and hardware. Available in three sizes. Approved to CE 0120. Meets: NFPA 1983 (17ED)G, PD CEN/TS 16415:2013 (Personal fall protection equipment – Anchor devices – Recommendations for anchor devices for use by more than one person simultaneously)

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

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 2D795

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

Certified EN 354:2003.

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 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.

STEEL / STAINLESS STEEL FIREMAN'S
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.

ALLOY HOOK TRIPLOCK
VISC SH903A

A triple action hook for increased safety. Light alloy design.

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 DOUBLE ACTION *VCT 2C37300*

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

Code	Description	Weight	Break Load	Dimensions L x W (mm)	Gate Opening
VCT2D795	Twirl	170 g	36 kN	116 x 53 mm	N/A
VCT2D793	Twister	80 g	24 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 SH904	Alloy Hook Swivel - DA	198 g	25 kN	195 x 70 mm	22 mm
VISC SH903A	Alloy Hook Triplock	134 g	27 kN	141 x 70 mm	22 mm

Code	Description	Weight	Break Load	Dimensions L x W (mm)	Gate Opening
VCT L3536201	Alloy Scaffold Hook - DA	455 g	25 kN	253 x 110 mm	60 mm
VISC KH307SSP1	Fireman's - Steel Triplock & SG	336 g	40 kN	173 x 95 mm	48 mm
VISC KH307SSP3	Fireman's - S/S Triplock	414 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.
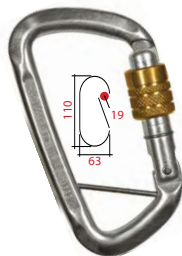
Supplied with individual serial numbers.

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 A595TBBZO

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

Supplied with individual serial numbers.

Weight	⟨▭⟩	⌃▭	⟨▭⟩
260g	50 kN	15 kN	15 kN

STEEL & S/S SWIVEL TRIPLOCK
VISC KH260SSI3 (S/S)
VISC KH260SSI1 (STEEL)

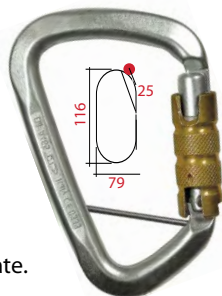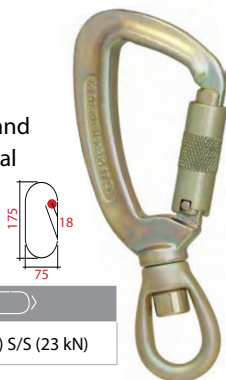Triplock karabiner with fall indicator and swivel feature that eliminates potential twisting of line.

Supplied with individual serial numbers.

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

ALLOY TRIPLOCK
VCT L5300001
VCT L4300001 (CAPTIVE BAR)

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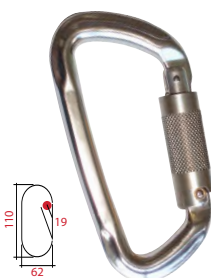
Supplied with individual serial numbers.

Weight	⟨▭⟩	⌃▭	⟨▭⟩
80 g	30 kN	8 kN	10 kN

STEEL SCREW GATE
VCT A455TBZO

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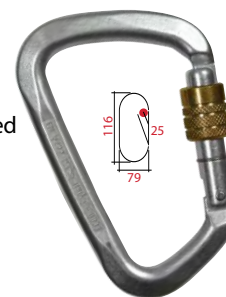
Supplied with individual serial numbers.

Weight	⟨▭⟩	⌃▭	⟨▭⟩
253 g	50 kN	15 kN	20 kN

STEEL TRIPLOCK
VCT A430TBZO

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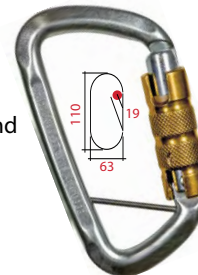
Supplied with individual serial numbers.

Weight	⟨▭⟩	⌃▭	⟨▭⟩
189 g	50 kN	15 kN	15 kN

STAINLESS STEEL TRIPLOCK
VCT I46500PO ASS

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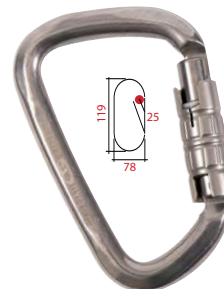
Supplied with individual serial numbers.

Weight	⟨▭⟩
275 g	35 kN

ALLOY TRIPLOCK
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.
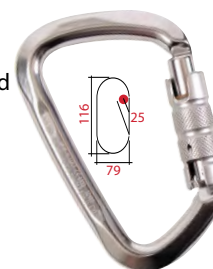
Supplied with individual serial numbers.

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.
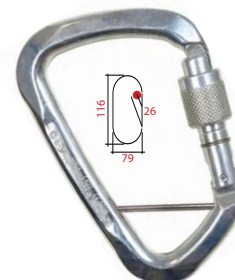
Supplied with individual serial numbers.

Weight	⟨▭⟩	⌃▭	⟨▭⟩
92 g	30 kN	10 kN	11 kN

MAILLON RAPIDES

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	1500kg	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 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 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 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 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 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

FERNO HARDPOINT HARNESS
VHI HP (STANDARD); VHI HP ASC (ASCENDER); VHI HP- SS (S/STEEL)*

The Ferno Hardpoint is for rescue and rope access technicians or professionals who demand comfort and freedom of movement when suspended for long periods.

A long time favourite, the harness provides all the comfort and safety features of the Centrepoint II but with a front hard point connection.

- Front hard connection point
- Offset (cranked) pole strap attachment points
- All alloy hardware with quick connect buckles
- Front and rear free fall arrest attachment points
- Limited free fall arrest attachment point
- 8 additional connection points for hardware and gear
- Large, wide, cushioned mesh waist and leg pads
- Breathable support pad for back & neck protection
- Reflective for exceptional visibility
- Oil, grease and water repellent webbing
- Elasticised leg positioning straps
- Certified to AS/NZS 1891.1.2007 & EN 361:2002
- Available S-M & M-L. Conditions apply for XS and XL

Optional Features
- All stainless steel hardware
- Integral alloy ascender set for increased mobility when ascending

FERNO CENTREPOINT 2 HARNESS
VHI CEN FB 2 (STANDARD); VHI CEN FB 2 A (ASCENDER)
VHI CEN FB2 HC (LOWER HARD D); VHI CEN FB 2 SS (S/STEEL)

The Centrepoint II combines comfort with practical features making it ideal for work positioning, fall arrest, rope access and rescue.

It combines industry leading features including lightweight and breathable padding providing unparalleled support and comfort along with reflective properties for safer working in dark areas.

- Confined space retrieval attachment points
- Offset (cranked) pole strap attachment points
- Rear + high & low front free fall arrest attachment points
- All alloy hardware with quick connect buckles
- Gear loops for additional equipment
- Large, wide, cushioned mesh waist and leg pads
- Breathable support pad for back & neck protection
- Reflective for exceptional visibility
- Oil, grease and water repellent webbing
- Adjustable leg positioning straps for best fit
- Certified to AS/NZS 1891.1.2007 & EN 361:2002
- Sizes: S, M & L. Conditions apply XS and XL

Optional Features
- All steel or stainless steel hardware
- Lower frontal D hard attachment point (Centrepoint Plus)
- Integral alloy ascender set for increased mobility when ascending

Hardpoint Harness

Centrepoint 2 Harness

RFID READY

Reflective for exceptional visibility

RFID READY

Optional lower hard D attachment point.
(Centrepoint Plus VHI CEN FB2 HC)

CHALLENGE PRO HARNESS

VHI CHG PRO (STANDARD); VHI CHG PRO PFD (WITH PFD)
VHI CHG PROK (KEVLAR); VHI CHG PROKPFD (KEVLAR WITH PFD)

A universal design harness suitable for confined space, general rescue, rope access work, high rope activities and industrial height safety with options for a PFD or flame and cut-proof versions.

Features

- Intelligent design, all alloy hardware, quick connect buckles and breathable mesh leg/back padding gives superb comfort and support
- Confined space, front and rear free fall arrest attachment points
- Oil, water repelling and reflective materials for exceptional dark zone visibility, simple cleaning and longer life
- Generous size adjustment for most body statures
- Reflective for exceptional night time visibility
- Optional PFD version provides choices for working off shore, over or near water
- Flame retardant and cut resistant version available suited for welders or hot work applications
- Certified to AS/NZS 1891.1:2007 Industrial Fall Arrest Systems and Devices
- Certified to CE standard EN 361 Full Body Harnesses (all models)
- Certified to Civil Aviation Safety Authority (CASA) ATSO-C1003
  Helicopter External Personnel Lifting Devices (standard model)
- Certified to AS/NZS 4758.1-2008 Personal Floatation Devices (PFD model)
- Available XS, S-M, M-L & XL. Conditions apply XS and XL

RFID READY

FERNO ULTRALITE X HARNESS

VHI ULTRALITE SXSS (STAINLESS STEEL HARDWARE);
VHI ULTRALITE SXWP (WITH WAIST STRAP, SIDE D, DORSAL EXT)

The Ultralite X features world leading safety features but is so light and comfortable you won't want to take it off!

Pliable, breathable mesh provides comfort with unrestricted flexibility and reduces the chances of suspension trauma. In a fall, forces are evenly distributed, dissipating impact forces and reducing internal injuries. An innovative cross style design adjusts to fit a large range of body shapes and flexible, unrestrictive frontal straps makes this harness a favourite for females.

- Pliable, moisture-wicking mesh provides unrestrictive flexibility
- Comfortable to wear, lightweight and easy donning. Weight 1.29 kg
- Female anatomy friendly design
- Non-metallic front and rear free fall arrest attachment points
- Confined space retrieval attachment points
- Lightweight alloy quick connect leg buckles
- Oil, grease and water repellent webbing
- Reflective for exceptional night time visibility
- Certified to AS/NZS 1891.1:2007 & EN 361:2002
- Sizes: S/M, Standard & L/XL

Optional Features

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

RFID READY

Female anatomy friendly design

EDGE RAPPEL HARNESS

VHS EDGE DB (DOUBLE BUCKLE); VHS EDGE (SINGLE BUCKLE); VHS EDGE DOD (DEFENCE)

The Edge Rappel Harness is ideal for top-roping, lead climbing and abseiling providing a great option where greater comfort is desired. A floating waistband with gear attachment points provides freedom of movement and padded waist and leg straps provide comfort when suspended.

The **Edge Rappel DOD Harness** was made for the Defence Force tactical response group. It features all stainless steel hardware including Cobra quick connect buckle on the waist strap and double bar buckles on the leg straps.

One size fits all.   Weight 760g

THE EDGE Double Buckle

Photo Credit: ISH24 Rescue & Safety

INSPECTION PROGRAM

Generally it is recommended by Australian Standards that harnesses be discarded 10 years from date of manufacture, if no damage has been sustained in the meantime.

Inspection and maintenance is recommended every 6 months in accordance with manufacturer's recommendations and withdrawn from use if not deemed to be suitable for continued use by a competent person.

HARNESS READY REFERENCE

FULL BODY HARNESSES

	AS/NZS 1891.1:2007 Certified	Front & Rear Fall Arrest Attachment Points	Waist Belt / Side Ds / Pole Strap Attachment Points	Dorsal Extension	Gear / Tool Loops	Confined Space Retrieval	Ascending Device	Padded Legs / Back Support	Female Anatomy Friendly	Reflective (R) & Luminescent (L)	PFD Personal Flotation Device	Construction & Maintenance	Elevated Work Platform	Hot Works / Flame Retardant	Rope Access & Rescue	Tower Work
Centrepoint II Lower Hard D & Stainless Steel Version	•	•	•		•	•		•		R					•	•
Centrepoint II with Ascender	•	•	•		•	•	•	•		R					•	•
Hardpoint Standard & Stainless Steel Version	•	•	•		•			•		R					•	•
Hardpoint with Ascender	•	•	•		•		•	•		R					•	•
Challenge PRO Standard	•	•				•		•		R		•	•		•	
Challenge PRO with PFD	•	•				•		•		R	•	•	•		•	
Challenge PRO Kevlar Flame Retardant	•	•				•		•				•	•	•	•	
Challenge PRO Kevlar Flame Retardant with PFD	•	•				•		•			•	•	•	•	•	
Ultralite X Ultralite & Stainless Steel Versions	•	•				•		•	•	R		•	•			
Ultralite X w Waist Strap, Side Ds & Dorsal Extension	•	•		•		•		•	•	R		•	•			

HARNESS INSPECTION GUIDE

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

COMPONENT	CHECK LIST
WEBBING	Run hands over the harness straps and ensure all webbing is free from abrasion, dirt, cuts, tears and burns
SEWING	Check the harness' sewn areas for damaged stitch patterns, broken or loose threads, heat damage or stretching
HARDWARE	Check each buckle, D-ring and attachment point is in perfect working condition with no distortion, cracking, corrosion, rust, abrasion or missing components.
LABELS	Ensure all tags are present and clearly legible
DEFECTS	If any defects are found during the checking process, you should remove the harness from service immediately and mark it unsafe. If more than 10% wear is determined, tag the unit and remove it from service.
REFERENCE	Refer to AS/NZS1891.4:2009 for further guidance on harness selection, use and maintenance.

FERNO BOSUN CHAIRS

VAI BOSUN.1 (STANDARD), VAI BOSUN DLX (DELUXE)

Standard Bosun Chair   **Deluxe Bosun Chair**

Ferno offer two bosun chairs. 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.

FERNO SPREADER BAR

VAI SPREADER SHA

Used in confined space situations and rescue scenarios. Attaches to confined space pick up points on harness shoulder straps.

AS/NZS1891.1:2007 certified.

Available with various hardware attachment points.

FERNO RAPPEL BELT   *VAI RAPPEL*

Standard Rappel Belt
VAI RAPPEL

Quick Connect Rappel Belt - Black
VAI RAPPEL QC B

Quick Connect Rappel Belt - Grey
VAI RAPPEL QC

The Ferno Rappel Belt's sleek colours and supple design makes it suitable for emergency personnel to wear everyday with the reassurance of knowing it can be safely used for an emergency rappel or belay. Rappel Belt MBS: 15kN

The Standard Rappel Belt has a thread through adjustment buckle for ideal tensioning.

The Quick Connect Rappel Belt version is supplied with a Cobra Quick Connect Buckle for fast release and attachment as well as ideal tensioning.

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.

VERTICAL PRUSIK STIRRUPS - ADJUSTABLE   *VAS PRUSS ADJ*

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

FERNO 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 between 15 kN to 20kN (load angle dependent). Each unit comes with 12 x 60 mm attachment loops and is made from durable 25 mm flat polyester web. Each loop rated to 4.5 kN.

GIRTH HITCH SLING   *VSL G30KN*

The Girth Hitch Sling differs significantly in design and performance from other adjustable anchor straps, allowing it to handle a higher load before slipping.

The D-ring on one side is larger than the other, so the other end can pass through, allowing the straps to be rigged in a girth hitch. Available in lengths from 30 cm to 2.5 m

FERNO SLINGS

VSL R32KN (25 MM ROUND), VSL S30KN (50 MM FLAT SNAKE)

Every Ferno Sling is made from high grade, abrasion resistant webbing and is available in a variety of colours and lengths.

The different styles provide the user with the option to wrap the sling in a single, double or triple style or tie end to end making them a versatile and handy adjunct for forming temporary anchor points.

Manufactured in accordance to AS/NZS 5532.

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. Depending on how the buckle is loaded, it will begin to slip between 15 kN to 20kN. Tying off the buckle will increase strength.

ETRIER AND AIDER FOUR AND FIVE STEP

VAS ETRIER 4 & 5 AND VAS AIDER 4 & 5

The Etrier and Aider Four and Five Step are ideal for rescue, rope access and recreational aid climbing.

The 25 mm flat polyester webbing and dense vinyl stiffening ribs remain rigid for years, ensuring ease of foot placement and superior abrasion resistance.

Stiffened tread for surer foot placement

Aider

Etrier

25 mm
Round Sling

50 mm Flat Snake Sling

HARNESS & WEBBING GEAR

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**	11mm	82.5	35
NAR-Q3939**	13 mm	111	35.25
NAR Q400**	16 mm	189	50

FERNO STATIC ROPE

VTB C4C71-14-200	VTB C4C73-14-200	VTB C4C74-14-200
Red 200 m	Blue 200 m	Black 200 m

VTB C4C75-14-200	VTB C4C81-14-200
Orange 200 m	Black/Red 200 m

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.

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

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 Anthron DSDplus
- White with red fleck: VTB 7360931
- Black (special order): VTB 7360939

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

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

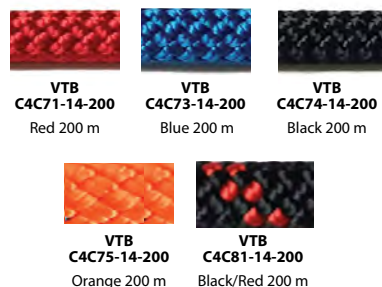| Diameter	Sheath/Core	Braid	Weight	Max Impact Force UIAA	Number of Falls (Min)
11mm	Nylon / Nylon	48	81.8 g/m	9.6 kN	13

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

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

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

ARRESTA PRUSIK CORD 8MM

NAR-Q3962R25 8mm x 25 m Red
NAR-Q3962R50 8mm x 50 m Red

NAR-Q3962Y25 8mm x 25 m Yellow

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

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

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.

CT THROW BAGS

VCT 7V7930250 (250G) VCT 7V7930350 (350G)

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

EMERGENCY THROW BAG KIT   *VKIT THROW BAG*

The Ferno Shotbag consists of a weighted throw bag attached to 30 m of cord all housed in a convenient storage bag.
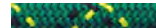
LT PRUSIK CORDS & LOOPS

VTB C5MZ01F-06-001
6mm x 40 cm Sewn Loop
VTB 3821-06
Roll 91.5m/300 ft

VTB C5MZ03F-06-002
6mm x 55 cm Sewn Loop

VTB C5MZ02F-08-002
8mm x 40 cm Sewn Loop
VTB 3822-08
Roll 91.5m/300 ft

VTB C5MZ01F-08-001
8mm x 55 cm Sewn Loop

- 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

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

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 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-NAR ROP LAN (+ length in m)	Kernmantle rope only

ALL PURPOSE GRAB BAG *VBI DLX CB RED*

This multi-purpose bag is ideal and large enough for storing your harness and all related gear to make up your own kit.

A handy daisy chain is located inside the zipper opening for convenient storage of karabiners and other gear.

Dimensions L 61cm x W 38cm x H 27cm. Red only.

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

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. Includes base eyelet.

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

EXPEDITION II DUFFEL BAG *VBS EXP 2 HD*

The Expedition II Duffle Bag is a sizeable bag with a 75 L capacity that is made tough to carry rescue, industrial or climbing gear. This bag is made from heavy duty, hard wearing 1680d Kodra with integral shoulder and carry straps.

Dimensions: L 78 cm x W 34 cm x H 35 cm

FERNO STANDARD ROPE BAG
VBS ROP BAG

Ferno Rope Bags keep your rope conveniently stowed, ready for transportation and quick deployment.

Made from 1000d Kodra with a single pull throat top closure and base eyelet.

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

FERNO INDUSTRIAL ROPE BAG *VBI NCB-16*

The Industrial Rope Bag stores up to 100 m of rope. The wide open top allows good access and quickly rolls down and clips into place to keep contents water and dust free.

Adjustable backpack straps along with a reinforced carry handle provide good portability options. Numerous gear loops allow attachment of PPE and gear. A clear pouch allows for identification. Red only.

Size	Height	Diameter	Carry Handle	Strap Qty
100 m	65 cm	25 cm	Yes	2

FERNO GEAR ROLL   *VDIS GEAR ROLL*

NEW

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.

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 65cm x W 48cm Open L 150cm x W 140cm. 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 900g
- H 64 cm x D 30 cm x W 18cm

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

NEW

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

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 sidewards movement is anticipated.
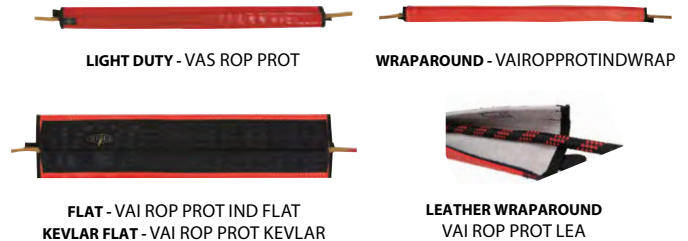
LIGHT DUTY - VAS ROP PROT

WRAPAROUND - VAIROPPROTINDWRAP

FLAT - VAI ROP PROT IND FLAT
KEVLAR FLAT - VAI ROP PROT KEVLAR

LEATHER WRAPAROUND
VAI ROP PROT LEA

ULTRA-PRO EDGE PROTECTOR
CMC294042 (2 EDGE PROTECTOR)
CMC294044 (4 EDGE PROTECTOR)

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

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.

RESCUETECH MULTI-UNIT EDGE ROLLER
RT-611111 (1 UNIT), RT-611112 (2 UNITS), RT-611113 (3 UNITS), RT-611114 (4 UNITS)

A low profile edge protection device featuring an alloy aluminium frame and rollers.

Can be used as a single unit or paired up with multiple units to provide large area protection. Units link together with the included rapid links or may be tied using flat webbing to provide long range protection.

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.

ENGEL HOT KNIFE

VDPS G4480000 (KNIFE), VDPS G4480001 (BLADE)

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

Blade sold separately.

ROPE MEASURER   *CMC267030 (IMPERIAL)*

This rope measurer quickly and accurately measures cordage from 6 mm to 20 mm diameter, within weight and measure tolerances. Counter reads up to 3048 m.

Supplied with mounting bracket. Imperial measurement only.

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.

Ferno Rope and Harness Wash is environmentally friendly, bio-degradable and does not contain any phosphates, bleaches or fragrances. It is low foaming, free rinsing with excellent soil removal properties.

Rope & Harness Wash	500 ml Bottle: VAS WASH 500ML	20 litre Bulk Container: VAS WASH 20

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 64cm 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

FERNO EDGELOK ™ TEMPORARY ANCHOR

FWEELE (EDGELOK) FWEELE-LEX (OPTIONAL LARGE CLADDING INSERT)

The Ferno EDGElok provides safe and quick access to varying roof cladding. The EDGElok is robust and collapsible so it can be carried ready for repeated use.

For additional safety the EDGElok incorporates an energy absorbing arm with fall indicator. The EDGElok is constructed primarily of high grade alloy with some stainless steel construction. It is tested to meet the requirements of the AS/NZS1891.4 anchorage specifications for 15 kN single person fall arrest.

- 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
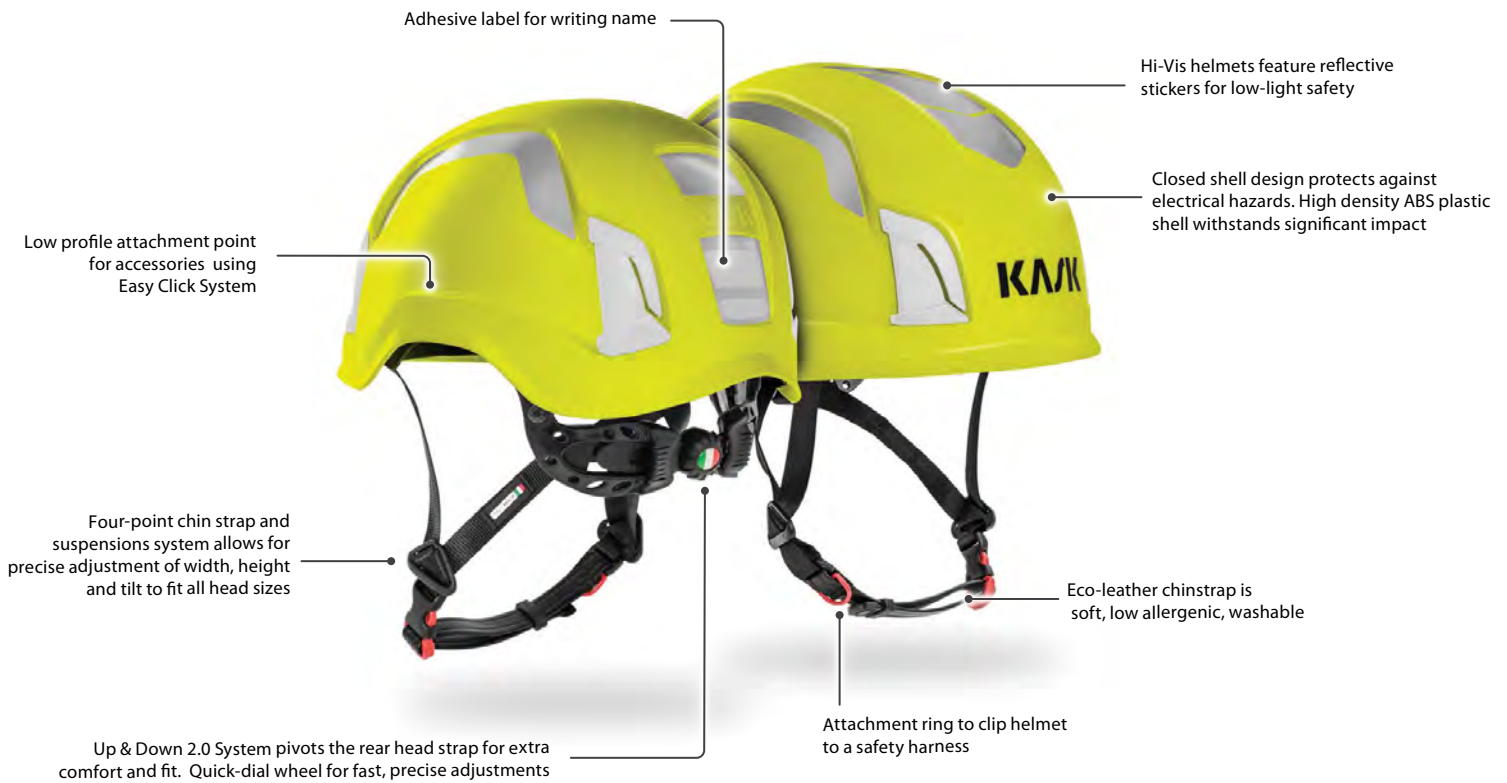

Show with Optional Large Cladding Insert   Shown with Standard Insert

KASK ZENITH HELMET

The Kask Zenith safety helmet has been specfically engineered for industrials 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.

Adhesive label for writing name

Hi-Vis helmets feature reflective stickers for low-light safety

Closed shell design protects against electrical hazards. High density ABS plastic shell withstands significant impact

Low profile attachment point for accessories using Easy Click System

Four-point chin strap and suspensions system allows for precise adjustment of width, height and tilt to fit all head sizes

Eco-leather chinstrap is soft, low allergenic, washable

Attachment ring to clip helmet to a safety harness

Up & Down 2.0 System pivots the rear head strap for extra comfort and fit. Quick-dial wheel for fast, precise adjustments

Thick layer of HD Polystyrene provides all-round impact protection plus insulatio from overhead heat sources. Configured for maximum coolness and ventilation

Internal shell and strap system is designed so helmets can nest on top of each other for compact storage

Fast 3DRY high-tech 3D fabric dries quickly and wicks moisture away from head. Inner padding is treated with Sanitized® technology that acts as an internal deodorant and prevents bacterial growth

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

Certified to	AS/NZS 1801.1997 Occupational Protective Helmets
Weight	510 g excluding accessories
Head Size	Adjustable 53 cm to 63 cm

ZENITH **OPTIONAL ACCESSORIES**

Visor Adaptor VKA WAC00009	**Zen Half Visor** VKA WVI00007.015	**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	**Full Face Visor Carrier** VKA WAC00010	**Full Face Peak (optional)** VKA WAC00011	**ZEN Metal Mesh** VKA WVI00009	**ZEN Plastic Mesh** VKA WVI00010	**ZEN Face Shield** VKA WVI00022

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

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/cm²

Arc Flash 1
VKA WVI00014

Arc Flash 2
VKA WVI00015

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.

Zenith Badge Holder Light *VKA WAC00042*
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
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.

Neck Protector
VKA WAC00025

Neck Shield RW
VKA WAC00030

Neck Shield RW
VKA WAC00031-221

Neck Protector
VKA WAC00025

Neck Shield RW
VKA WAC00031-222

Zenith Reflective Sticker
VKA WAC00014

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.

Headlamp clips compatible with all elastic band headlamps

Ten air intakes. Aluminium mesh prevents debris intrusion

NEW Hi-Vis Paramedic Helmet

Earmuff attachment

Visor attachment

Four-point chin strap & side adjustment buckles for lateral adjustment and more secure fit

Up & Down System and adjustment wheel enables quick precise adjustment for height, width and tilt for ultimate comfort

Attachment ring to clip helmet to a harness

Helmets nest compactly on top of each other

Washable inner padding. Sanitized® technology acts as an internal deodorant, preventing bacterial growth . 2DRY high-tech fabric wicks moisture from head

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 21.202

Hi-Vis Red/White
VKA WHE 21.241

HP PLUS OPTIONAL ACCESSORIES

EAR MUFFS
(Orange, Class 5) VKA RBZ2CA
Requires VKA WACS Bayonet Adaptor

HALF VISOR
VKA WVI 2.015 CLEAR
VKA WVI 2.009 SMOKE

FULL FACE VISOR
VKA WVI 3.015 CLEAR
VKA WVI 3.009 SMOKE

FULL FACE METAL MESH VISOR VKA-FCMS
Requires VKA WACS Bayonet Adaptor

FACE SHIELD
VKA-WVI00022.500
Requires VKA WACS Bayonet Adaptor

NECK PROTECTOR
VKA WAC00020
NECK SHIELD RW
VKA WAC00032

NECK SHIELD RW
VKA WAC00032.221

NECK PROTECTOR
VKA WAC00024
NECK SHIELD RW
VKA WAC00033.222

BADGE HOLDER (HP PLUS)
VKA WAC00042

REFLECTIVE STICKERS
VKA WAC00001

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

COMING SOON 2021

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 bttery 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	4 - 35** hrs	White, Red	Low Power, Power
KL-2	139 g *	IP 54	20 - 600 lm	40 m - 180 m	3.5 - 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

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.

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

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.

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.

CT GLOVE HALF

CODE VCT 7X980 (AA, AB, AC, AD) M L XL XXL HALF FINGER,

A comfortable leather glove that offers enhanced hand protection from rope friction.

The moisture wicking properties are enhanced by the perforated top leather surface. Exposed fingers provide normal finger dexterity and feel. Available in M, L, XL & XXL.

Half Finger 100 g.

CT PROGRIP GLOVE   *VCT 7X980 (OA, OB. OC, OD) M L XL XXL*

Light leather gloves with a comfortable and ergonomic cut that allows exceptional fit, feel and comfort. Developed for belaying, abseiling and rope work.

Double thickness of natural leather on the palm and between thumb and first finger. Reinforced leather back with elastic anti-abrasion inserts. Ergonomic neoprene wrist band with Velcro fastening and hole for attachment to harness. Available in M, L, XL & XXL

FERNO FACE SHIELD   *FWEFS*

NEW

- User friendly, no assembly required with a sturdy elastic headband that fits all head sizes
- Foam liner ensures long wearing comfort, stability and absorbs perspiration
- Wrap-around, optically clear and distortion free
- Disinfect with soap and water or isopropyl alcohol
- 295mm H x 240mm W.   Made in Canada

PPE DRY BAG   *FWE-PPEDB*

- For carrying and keeping essential PPE dry and ready for use
- Heavy duty nylon with viewing window to identify contents
- Clear card slot for owner identification or contents list
- Roll top closure with attachment hook

Supreno Nitrile Box 100

Supreno Plus Nitrile Box 50

Diamond Grip Plus Latex Box 100

SafeGrip Latex Box 50

SUPRENO NITRILE BOX 100   *MFSS*

Supreno gloves are the best combination of strength and durability in an all-purpose yet comfortable synthetic glove. Recommended for use when strength and protection are of great importance and when day to day hazards require the best combination of durability and security. Available sizes XS, S, M, L & XL

SUPRENO PLUS NITRILE BOX 50   *MFSP*

Supreno Plus gloves are durable for high risk applications for reliable protection against hazards. Formulated for enhanced strength and durability while maintaining a comfortable fit. The extended wrist and forearm offers enhanced safety and security and a textured finish for environments that demand consistent grip. Available sizes S, M, L & XL.

DIAMOND GRIP PLUS LATEX BOX 100   *MFDGP*

Powder free latex protection with textured fingers for exceptional wet and dry gripping. Diamond Grip Plus is a clean, low odour, high elasticity glove that minimises hand strain. The low modulus latex allows greater manual dexterity and lessened hand fatigue. Available sizes XS, S, M, L & XL

SAFEGRIP LATEX BOX 50   *MFSG*

This glove is four times thicker than standard latex examination gloves made for hazardous environments. The extended cuff offers added protection against splashes and spills. If you work in a non-medical environment and need a glove with strength, durability and grip, the Safegrip is for you. Available sizes S, M, L & XL

CMC CONFINED SPACE RESCUE TECHNICIAN MANUAL
CMC993214

Newly revised, the CMC Confined Space Rescue Technician Manual has been updated with three new chapters: Communications, High Point Anchor Systems, and Permitting Confined Spaces.

This manual contains the most practical, up-to-date information on laws and regulations for confined space entry in the USA, development of a rescue team, assessment and preparation for entry, organisation of an emergency response, monitoring for and managing atmospheric and other hazards, rescue equipment and patient transport.

CMC CONFINED SPACE RESCUE TECHNICIAN FIELD GUIDE
CMC993224

The Confined Space Entry and Rescue Field Guide puts a wealth of information in a pocket size book that you can take with you.

Sections include classification and effects of hazards, charts for ventilation, communication systems, rope work, response management and general information that will help keep rescuers safe. Printed on water and tear-proof paper.
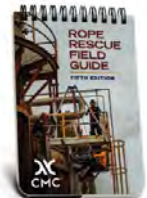
TFT RES-Q-RENCH   CMC635025

This versatile multi-purpose tool is designed for ground fire operations and rescue incidents.

Works with rocker lug handline and supply line couplings and many domestic gas shut off valves. Includes an integral carbide tip window punch and heavy duty seat belt cutter. Used as a pry bar for windows or a door/window prop. Weight 142 g. Length 210 mm (closed) 315 mm (open)

CMC ROPE RESCUE MANUAL 5TH EDITION   CMC993221

CMC Rope Rescue Manual has become the standard reference for many departments and rope rescue training programs and reflects the knowledge from many years of responding to rescues and teaching thousands of students.

The manual includes extensive illustrations and step-by-step procedures. Topics include: safety, equipment, rappelling, pick-offs, stretcher evacuations, patient packaging, improvised high anchor points, lowering and raising systems, mechanical advantage and organising the response.

ROPE RESCUE MANUAL FIELD GUIDE   CMC993232

The companion Field Guide to the 5th Edition of the CMC Rope Rescue Manual features water and tear proof paper.

10 cm wide, the guide fits uniform pockets, so you can take it with you.

AEROJACK SAFETY KNIFE   K2003K

The safe way to cut rope up to 15 mm and webbing up to 6 mm without an exposed blade. Spare blades are stored n the handle. This knife comes in vibrant yellow.

RES-Q-ME RESCUE TOOL   CMC634007

The Res-Q-Me easily cuts through seat belts and the integral window punch breaks side and rear vehicle windows. The Res-Q-Me is safe and easy to carry in your pocket, bag or purse or small enough to fit on a key chain. Weight 17g,

FERNO VEHICLE EXTRICATION GLASS MAINTENANCE KIT   VRES GLASS MGNT KIT

All the essential gear required to access and protect motor vehicle victim and rescue personnel, housed in a sturdy bag.

Contents include multiple flexible PVC mats, multiple rigid clear polycarbonate mats, clear and orange PVC sheets. Plastic drop sheets, spring loaded clamps, shaving foam, glass saw, window punch, glass catching net, emergency hammer, seat belt cutter and flashlight.

TNT RESCUE STORM 2 BATTERY POWERED RESCUE TOOLS are designed with the same superior pressure power, reliability and performance as the Legacy Series Hydraulic Rescue Tools.

Sporting dual batteries for extended run time, upgraded pumps, DC motor plus numerous new design features, the Storm rescue tools will impress with their power, reliability and genuine Forever Warranty.

Tested in accordance
to EN13204:2016

Key Features

- Use with two batteries for extended run time or with one battery for confined space. No lost time changing out batteries and no degradation in power whichever option you choose.
- One button operation with 10,500 psi / 724 bar world-leading pump technology provides greater speed, power efficiencies and operating times
- Powerful new blades ready for current and new car technology, with higher cutting forces and a 2:1 safety factor.
- NFPA1936:2015 and EN3204:2016 performance results are a cut above the rest
- Powered byy industry-leading Milwaukee M28 batteries. A generous quantity of spare batteries and chargers are included with each tool. Replacements or spares may be purchased through your preferred vendor or TNT distributor.

E**SL & ES100 SERIES** SPREADERS

A choice of five battery operated spreaders, ranging in Spread Force Range of 155kN – 1014kN

E**SLC SERIES & EBFC** CUTTERS

A choice of four battery operated cutters offering a variety of blade openings, cut lengths and forces. All pass NFPA Performance tests with impressive results.

E**LECTRIC** COMBI TOOLS

A choice of two primary spreader / cutter combination tools and one primary cutter / spreader tools.

INCLUDED IN THE BOX: SPREADERS, CUTTERS & COMBI TOOLS

E**LECTRIC** RAMS

A choice of one push only and one push / pull ram. Extension kit available to augment the ER40 push/pull ram.

Rams only need one battery to operate. Supplied with two batteries and one charger.

RESCUE TOOLS

123

TNT RESCUE PUMPS

BT-1.5 One Tool Operation

ATT-3.0 Two Tool Simo - One Tool Accelerator

ATT-6.5 Two Tool Simo - One Tool Accelerator

DT-10.0 Four Tool Simo to maximum distance 120 m

TNT Rescue Systems have been building pumps for industrial, defence and rescue applications for more than four decades. This experience and knowledge is engineered into every TNT Pump with an exclusive Oil Supercharging System (OSS) preventing piston short stroking and slap.

TNT two-stage pumps use an exclusive piston-over-piston design allowing pumps to achieve higher first-stage pressure settings, giving the user greater tool speed and performance. TNT Rescue high pressure pumps operate at 10,500 psi / 724 bar and offer unparalleled speed and power. TNT offer a variety of portable or vehicle mounted models that provide simultaneous operating capacities ranging from one to four tools.

TNT HYDRAULIC HOSE TOOLS

Full range of high pressure 10,500 psi tools: spreaders, cutters, rams and combi tools.

S.200.24 Heavy Duty Spreader

SLC.29 Cutter

TLS.50 Telescopic Ram

BFCC.28 Heavy Duty Combi Tool

TNT CON SPACE HYDRAULIC TOOLS

Compliment your hydraulic tool cache with TNT Rescue's Confined Space range. An optional remote valve is also available for the confined space cutter.

TNT-CSC-40 Con Space Cutter

TNT-RCV Remote Control Valve for Con Space Cutter

TNT-CSS-40 Con Space Spreader

TNT Rescue Legacy tools encompass a full portfolio of tools, hoses & couplers

TNT FORCIBLE ENTRY KITS

TNT-FE-5.0 (WITHOUT PUMP), TNT-FE-9.0 (WITHOUT PUMP), TNT-FE-5.0-H (WITH PUMP), TNT-FE-9.0-H (WITH PUMP), TNT-HDP (HYDRAULIC HAND PUMP)

Lightweight, portable and ideal for situations where immediate action and quick access is critical.
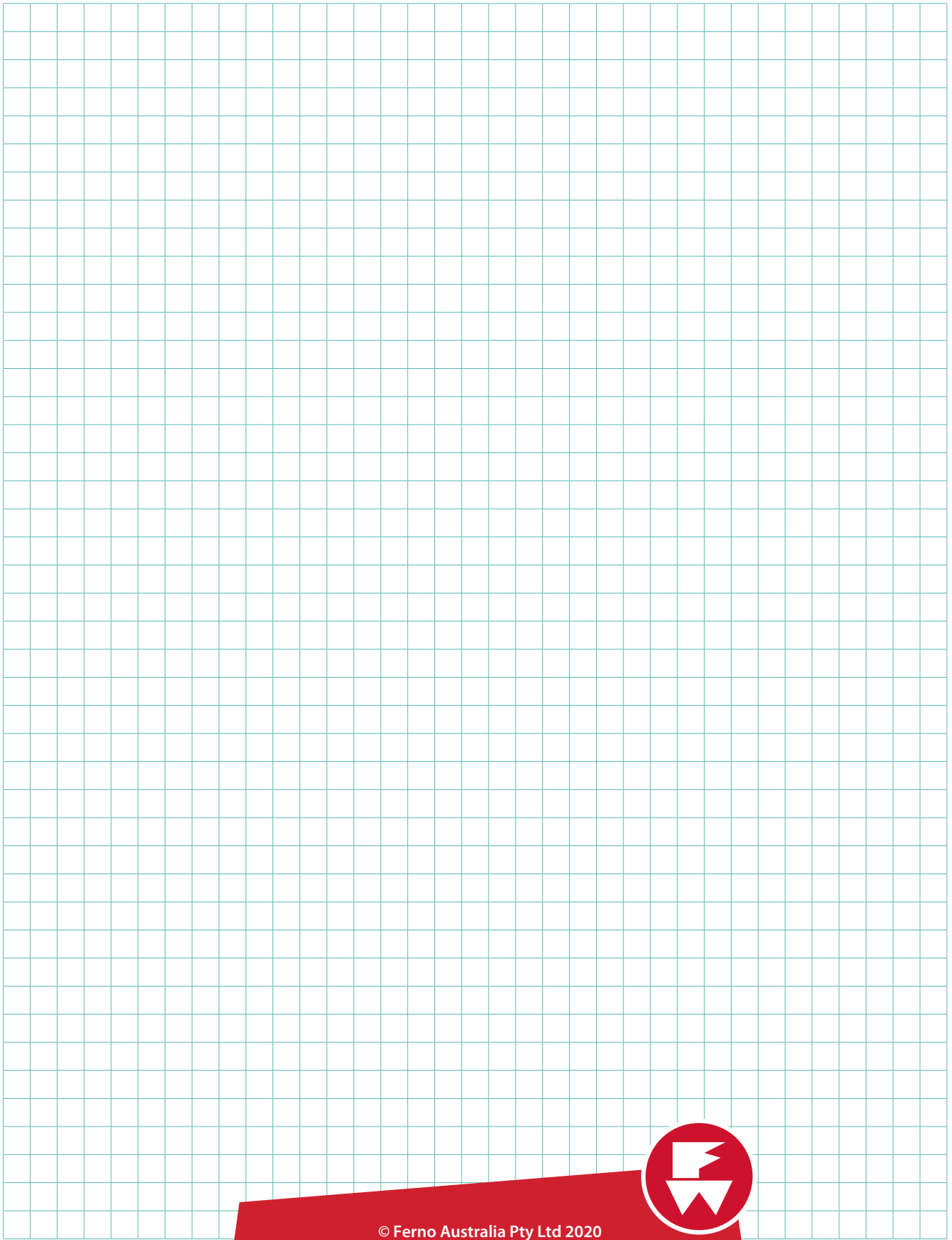

FE-5.0-H with Hydraulic Hand Pump

FE-9.0-H with Hydraulic Hand Pump

HDP Hydraulic Hand Pump

EMERGENCY
RESCUE
HEIGHT SAFETY
MORTUARY
EQUIPMENT SERVICE

FERNO®

AUSTRALIA HEAD OFFICE
11 Johnstone Road
BRENDALE QUEENSLAND 4500
Tel: +61 7 3881 4999
Fax: +61 7 3881 1125

WESTERN AUSTRALIA
22 Casella Place
KEWDALE WA 6105
Tel: +61 8 9353 2300
Fax: +61 8 9353 1169

Authorised Ferno Distributor:

NEW ZEALAND
PO Box 1668
PARAPARAUMU BEACH, NZ 5032
Tel: +64 4928 3099
E: sales@ferno.co.nz

CONTACT US
INFO@FERNO.COM.AU

1800 804 647 TOLL FREE AUSTRALIA
WWW.FERNO.COM.AU