



***Meeting the Needs of Modern  
Emergency Services***

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# Force 10 Lifejacket

The MAX FIRE FORCE 10 is a lightweight, single chamber, 275N Lifejacket designed to deliver maximum protection in severe conditions including offshore use.

A high level of buoyancy makes the jackets suitable for use with heavy clothing and equipment.

The standard jacket features a Hammar hydrostatic CO2 inflation system with a 60g CO2 cylinder which operates automatically when submerged and a pressure difference of 10cm is reached. It can also be operated manually via a pull tab.

In addition, the MAX FIRE FORCE 10 comes complete with a supplementary oral inflation/deflation tube, whistle, reflective banner tape and a plastic waist belt buckle and adjuster to avoid potential corrosion issues.

The outer cover is bright red for high visibility and fastens with a touch and close Velcro closure. The cover also features a clear viewing window which allows the operational status of the Hammar operating head to be seen at a glance.

All jackets are supplied with thigh straps as standard equipment.



# Rescue Boat

The Max Fire Rescue Boat is a portable, rapidly deployable, inflatable craft.

The boat is inflated with a BA cylinder. It is equipped with safety valves and separate inflation points. It has a self-righting strap and 'D' rings for tethering. It comes complete with 'T' handle paddles and a carrying valise. Also comes with a portable stainless steel transom.



# Rescue Sled

The Max Fire Rescue Sled is a portable, rapidly deployable, inflatable craft that can be used in either swift water rescue or used as wading transport for casualties or flood victims.

The Sled is inflated with a BA cylinder. It is equipped with safety valves and separate inflation points. It has a self-righting strap and 'D' rings for tethering. It comes complete with 'T' handle paddles and a carrying valise.

The ends of the craft are up-turned with an open floor to allow the craft to be manoeuvred over a casualty while the casualties head remains above the water at all times. This design also allows the craft to be positioned end on to a weir, or similar water outflow, without being flooded or overturned.

It is suitable for use at incidents involving water, mud, ice and snow and is capable of being towed behind a motorised craft.

There is a Safety Valve and Inflation Point for buoyancy tube



# Rescue Path

A simple and adaptable item of animal rescue equipment.

The inflatable Animal Rescue Path aids the rescue of animals trapped in

mud, ditches or soft ground.

Manufactured from pvc it creates a stable and robust pathway for animal

rescue. The path has a smooth upper surface, providing a flexible, obstruction free platform to manoeuvre the animal on to and across to safety

Lightweight and portable

- Designed to minimise distress caused to the animal
- Quick to deploy
- Stable and robust
- Low maintenance
- Low pressure



# Decontamination Shelter

The Material used for construction is mainly two-ply Neoprene Proofed Fabric and is Black.

The canopy is made from Polyurethane (P.U.) Coated Nylon to give excellent U.V. resistance.

Self - Curing Neoprene to Specification Bostik 2405 is used for bonding the inflatable framework, and the external fabric is high-frequency welded to form the canopy.

The main structure is an Inflatable Tubular Framework. Inflation is a "Once-Only" Operation. The Shelter does not require a constant source of Air, which means there is no requirement for constant use of a Power Source and Fan. When inflated, the framework forms arch supports for the canopy.

The floor is made from P.V.C. coated nylon, and is attached to the framework. The floor can be made removable at the Customer's request.

Rapid-Response Shelters may be used in varying situations, both as temporary, or semi-permanent buildings.

In other than temperate climates, intake sleeves can be positioned for the provision of Air Conditioning, or Heating.

Special Anchorage Fittings are incorporated to combat extreme wind conditions.





# Water Dam

Fire fighting water tanks provide fire fighters with needed water in remote locations, forest, or rural areas where the demand for water can exceed the available municipal water supply.

Portable fire fighting water tank can be easily transport, set up and fill in remote locations. These water tanks have open top, fire hoses can be placed directly into the top for fast filling. Water tanks can be used to source pumps and other firefighting equipment. Water trucks have time to refill the portable water tanks while firefighting efforts are still underway.

# Hexagonal Water Dam

The WATER-HEX range of hexagon water storage dams are designed to provide easily stored and rapidly erected strategic reservoirs for fire-fighting operations.

Capable of deployment and use on gentle slopes and uneven ground, the WATER-HEX is inflated using an air-pump or compressed air supply and as soon as inflated it is ready to receive and store water.

There are a range of standard capacities from 3,000 to 10,000 litres. Larger and custom built capacities can be built to order.

Standard build includes 2 x 4" BSRT male suction connectors which can be readily connected to an outlet valve assembly or can enable the tanks to be linked together to form a larger reservoir. The interlocking nature of the design means the tanks can also offer blast-wall type protection in appropriate circumstances.

Units can be fitted with 2½" instantaneous N.R.V.'s for filling if required, but a standard lashing strip is provided for securing a length of fire hose over the side of the tank.

Units are supplied c/w a valise for storage and transport and a groundsheet. All tanks also come

complete with a 4 psi relief valve for safe operation.



WATER-HEX TANK







# Fibrelight Cradle

The Fibrelight Cradle is a maritime recovery system that can be operated by a single crewmember. The Cradle also serves as a boarding ladder, scramble net and stretcher. The Fibrelight Cradle is lighter, more compact and more versatile than any comparable devices on the market.

The Cradle requires only regular inspections and minimal maintenance, so there is no requirement to pay for annual servicing. The Cradle has been primarily designed for use by rescue craft, rigid inflatables, ship lifeboats and marinas, however it is currently in use in many other vessels and industries.

The Fibrelight Cradle enables MOB recovery by one end of the Cradle being secured to the craft and the outboard end being held away from the boat by hand, boat hook or bridle. The MOB is then guided into the Cradle and once securely in the outboard end of the Cradle is then hauled in rung by rung. Using this parbuckling action the MOB is safely rolled up and over the side of the craft.

## THE FOLLOWING ADDITIONAL EXTRAS ARE OFFERED:

- Attachment Slings to add length and convert the cradle from 6-point linkage to 2 or 3-point linkage
- Ballast Rungs to offer sinkage in the middle rungs of the cradle
- Extendable Rescue Hook to assist with bringing the MOB towards the cradle
- Loop-Through Bag to protect and safely store a cradle in its position of use



## High Pressure Airbags

High-pressure lifting bags are used for lifting the heaviest loads. High-pressure lifting bags exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places. Their unique structure also allows use in load shifting, heavy truck or aircraft recovery and different moving situations.

# Low Pressure Airbags

► pressure lifting bags provide high lifts. They have a soft footprint which makes them ideal for lifting softer structures since the lifting force is spread over a wider area.



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# 21W

## Water Driven PPV Fan

The object of a PPV fan is to provide effective ventilation that will remove heat, smoke and toxic gases away from fire fighting personnel during operations.

The Typhoon water turbine range is in use throughout the world. Highly effective on the fireground and dependable in operation, the Typhoon is a lightweight and cost-effective piece of high quality equipment that can save vital seconds, where speed of rescue is crucial to improving the chances of survival.

The Typhoon Water Turbine range offers a safe solution where flammable gases or liquids are present.

Key features :

Lightweight aluminium frame

Strong thermoplastic shroud

Comprehensive tilt control

Anti-static characteristics - ATEX approval certification EXII  
2GD cIIc T6(80°C)

Misting nozzle(s)

Drain valve

Range of inlet/outlet connections available - ISO 2.5inch BSP,  
NST 2.5inch, Instantaneous type, Storz type





# PPV Direct Driven Fan

The object of a PPV fan is to provide effective ventilation that will remove heat, smoke and toxic gases away from fire fighting personnel during operations. The Typhoon petrol range from Renz is in use throughout the world.

Highly visible on the fire ground and dependable in operation, the Typhoon is a lightweight and cost-effective piece of high quality equipment that can save vital seconds, where speed of rescue is crucial to improving the chances of survival.

Key features:

Electro polished stainless steel frame

Retractable handle and pneumatic tyres for easy manoeuvrability

Strong thermoplastic shroud

Angle adjustment -17 ~ + 20 °

Options

Exhaust gas tube adaptor

Hard-wearing vinyl cover

Water pipe spray

spiral duct

foam adapter



# Viper Attack Branch

Versatile Low Weight Selectable Flow Nozzles

High Quality Valve With Dual Seat & Dual Driven Shaft

Designed & Built to Meet NFPA 1964 & UNE EN 15182-2 Type 3 Requirement

**Flow Settings:** The flow rate can be set through an easy grip ring featuring preset positions. The flow ring has a raised lug to identify the maximum flow setting in low visibility conditions. The FLUSH mode is used to ensure that any debris is flushed from the nozzle to avoid pattern disruptions or flow reductions.

**Stream Pattern:** The nozzle stream is adjusted by rotating the bumper giving the firefighter the widest fog pattern (Full Fog - Protection) to the narrowest fog pattern (Narrow Fog and Straight Stream). The bumper has a raised lug to identify the Narrow Fog in low visibility conditions. The VIPER ATTACK series comes standard with the innovative patented fog pattern called RYLSTATIC®. RYLSTATIC® is a system that gives you a uniform water fog with smaller water droplets and less friction loss than other traditional systems. VIPER ATTACK nozzles have been designed to offer a broader fog shield of protection to the firefighters.

**Shut Off Valve:** The valve has a dual seat and dual driven shaft to offer better performance against water hammers and to enhance its durability. The valve itself is a low maintenance product with a stainless steel ball valve operated through an OPEN/CLOSE handle. The operation is smooth and constant allowing firefighters to open and close the valve easily.

**Ring Markings:** Markings on the flow selector ring and the pattern ring are laser engraved onto anodized aluminium that are easy to read and will not fade.

**Stainless Steel Inlet Screen:** A stainless steel screen is mounted within the inlet to prevent materials from entering the nozzle, which reduces the risk of damage or failure during operation.

**Lot Number:** Every nozzle is marked with a lot number before leaving the factory. This number can be used for traceability purposes.

**Foam:** The VIPER ATTACK® nozzle can be used as a foam nozzle with the addition of the optional foam tube. The nozzle works well with pre-mixed solutions or with inline inductors.

# Combination Filter Strainers

Combination Filter Strainers providing a strong, durable and lightweight filter unit.

The Combination Filter Strainer replaces the need for a separate Strainer & Wicker Basket. The double layer construction filters media to 1mm<sup>2</sup> providing excellent pump protection from water debris, whilst maintaining high flowrate performance.

Combination Filter Strainers are manufactured polypropylene from stainless steel strengthening rods, providing non-rotting and anti-rust properties.

The woven construction delivers a high strength unit, with high impact resistance.

Filters are maintenance free and simply washed down after use to clean.





# Rescue Stick

Lightweight, extendable rescue sticks to increase the reach of personnel engaged in rescue/retrieval operations.

The design incorporates a rugged 3-section handle with a simple and efficient independent clamp lock between each section.

Features include:

Glass fibre construction offers inherent non-conductivity and anti-microbial properties.

Compact easily transportable rugged design for operation in the field.

Quick deployment from storage to full extension.

Over 4.5 metre reach.

Highly visible design for use in low light conditions.

Hook design ideally suited to hook/lift/ drag applications.





# Wading Pole

Lightweight, standard wading pole used as a stability aid and depth gauge when wading through waters.

The design is simple, robust and well proven in the operational environment particularly in flood conditions where the turbidity of the water makes visibility poor/non-existent.

Features include:

Glass fibre construction offers inherent non-conductivity and anti-microbial properties.

The handgrip and glass fibre stem are pleasant to the touch even in cold and wet conditions.

High visible design for use in low light conditions.

The lightweight and mechanical qualities of the composite materials make them unbeatable in terms of durability and functionality.

Also available with an aluminium base end cap.



# Hose Inflation Kit

The Max Fire Hose Inflation Kit has been developed as a simple, cost-effective, high quality method of providing rapid rescue support to conscious casualties.

Compact and robust, the system is deployed in seconds and allows lengths of ordinary, layflat hose to be utilised as floating rescue lines or booms which can be used equally well on water, mud or ice.

Operated safely from the shore, the system features high quality components that will give long and reliable service and the shadow board design of the cases foam insert mean you should never leave an item behind following a rescue.

Inflation pressure is limited to 3.0 bar via a deadman controller that can feature an optional Series 25 KD outlet to make system operation whilst wearing gloves that much easier and more convenient.

The design is simple, robust and versatile. Usually supplied with British instantaneous couplings, versions using Storz connectors are also available.

Each kit comprises:

Compact cylinder regulator

Hand-held controller with “deadman” cut-off

Delivery and inflation hoses

Relief valve to prevent over-inflation

Inflation coupling throw line attachment point

Shut-off coupling with optional locking pin to prevent accidental release c/w high-visibility cover.

A choice of storage cases from a compact, budget plasticase to a premium quality, waterproof, IP67 rated case. All fitted with custom cut foam protection to preserve your asset.

# Personal Flotation Device

They are available in 3 sizes - Size 1 M/L, Size 2 XL/XXL, Size 3 XXXL

Colours: Red/Yellow

The ultimate technical rescue PFD for all types of water borne operations. Manufactured using hardwearing rip-stop fabric and comes with many features and is certified to the new ISO standard.

ISO EN: 12402-5 (Specialist Lifejackets & Buoyancy Aids)

Up to 100N of buoyancy

Integral buoyancy using super soft foam

Durable rip-stop fabric outer shell

Padded side panels for added protection and fit

Built in quick release harness

Side adjustment straps

Adjustable shoulder straps with reflective markings

2 x pockets with velcro closure, drainage and equipment clips

3 x lash tabs

2 x 'D' rings for throw bags etc

2 x fitted crotch straps

Reflective markings on back and front



# Mud Lance

The Max Fire Mud Lance Tool is a unique tool for inserting into sand or mud for rescuing trapped casualties with the use of water or air.

The entrapment media is quickly dissolved, freeing the casualty for easy recovery.

## Water from Hose Reel

Connect high pressure hose reel to male coupling of lance, operate fire pump, 5 bar at pump gauge is sufficient. Insert lance into media, open valve until water is jetted from bottom of lance dissolving media. Water is recommended for wet media.

## Air from BA Cylinder

Connect hose from BA cylinder low pressure regulator to male safety lock connection on lance , insert lance into media , open BA cylinder valve , then operate lance as required . Air is recommended for dry media.

## Construction

The Max Fire Mud Lance is of very strong construction, manufactured from heavy duty stainless steel tube.

All parts are easily cleaned.





# Chimney Backpacks

Flexible Back Pack Water Extinguisher

## Features

- ▶ Thermo-welded flexible water tank, made with canvas reinforced with synthetic yarns.
- ▶ Very efficient and easy to use
- ▶ Excellent to control, mop up and extinguish chimney fires & forest fires
- ▶ Easy to store and transport

# Chimney Cane Rods

The particular advantage of using cane rods over polypropylene is they can withstand heat within chimney. Cane chimney rods for this reason are a particular favoured option within the fire service where clearing a chimney may be necessary during a chimney fire or burning embers may be present.



# Heavy Duty Cane Rod Bag

Heavy duty rod bag measuring 110cm  
x 12cm for use with 1 metre rods.



# Camel Chair



The Camel lifting chair wants to sit down and lift a fall person using single handed care techniques. With an inbuilt backrest and internal ring construction, the Camel offers a fully supportive lift. Using the simple hand control and compressor provided the camel is inflated. The Camel can be used anywhere, indoors or outside, and will lift a fall person with dignity while protecting both the carer and the person being lifted from injury.

The Camel is particularly suitable for very large or bariatric people (lifts up to 50 stone / 320kg)

Lightweight

Simple to use

Appropriate for any age

Portable

Packs away into a compact and discreet bag

For use indoors or out

Minimizing moving & handling risks

Enhances independent living

Battery operated

Airflo controlled





# Rescue Helmet

Great all-round protection. Suitable for white water and swift water rescue.

The shell drops below the ear for extra protection and helmet stability.

The split-mould injection process creates a very rigid shell and an ergonomic “negative draft” shape that follows the natural curves of the head, protecting the forehead and base of the cranium.

ABS plastic shell

ABS plastic extends to ears

Twist lock adjustment

Lightweight

Colours available: gloss red, white and orange; matte yellow and black

# Throwline

The Yak 20m Throwline is compact and uses 8mm floating PP rope.

This throw line is available in 3 sizes - 15m, 20m & 25m.

All 3 sizes of throw bag have a waist belt for securing the throw line to when you are on the bank or water.

Wide opening neck for easier re-packing.



# Servicing

Annual on site servicing can be done with our trained certified technical engineers on the following products:

Water rescue inflatable products, eg lifejackets

PFD Lifejackets

High and low pressure airbags including associated inflation equipment

High pressure hose reels

Standpipes

Dividing breeches

Hose inflation kits

