



mfcSurvival

by RESPIREX

innovation in SAFETY + SURVIVAL

Product Catalogue





About MFC 04

Multi-purpose Rescue & Recovery Products 06

| | |
|------------------------------|----|
| Rescue Sled | 07 |
| Rescue & Multifunction Craft | 10 |
| Airtrack Rescue Path | 14 |
| Animal Rescue Path | 16 |
| RP3 Rescue Platform | 18 |
| API Inflatable Stretcher | 20 |
| Recovery Board | 22 |
| FibreLight Cradle | 24 |
| Recovery Body Bag | 26 |
| Jet Ski Rescue Board | 27 |
| Water Rescue Kit | 28 |
| Drysuit | 29 |
| Fire Hose Inflation Kit | 30 |
| Mud Lance | 31 |
| Rescue Pole | 32 |
| Wading Pole | 33 |

Shelters 34

| | |
|-----------------------|----|
| Inflatable shelters | 35 |
| Decontamination units | 37 |

Recovery Lifting 39

| | |
|------------------|----|
| Stak Jaks | 40 |
| Power-mats | 42 |
| Airlift Cushions | 44 |
| AMS Lifting bags | 46 |

Water Storage 48

| | |
|-----------------------|----|
| Pillow-tanks | 49 |
| Inflatable Reservoirs | 51 |

Controllers & Regulators 53

| | |
|-------------------------------|----|
| Controllers | 54 |
| Regulators & Adaptors & Hoses | 55 |

Servicing & Maintenance 56

| | |
|----------------|----|
| Maintenance | 57 |
| Bespoke Design | 58 |

AboutMFC

MFC Survival was incorporated in 1959 at the old Naval Colliery site in Tonypandy, South Wales. Initially the company's core business was manufacturing life jackets and life rafts for the Royal Navy and South Wales commercial shipping ports, but after time the bias shifted towards the design and manufacture of inflatable products, focusing on the defence and rescue industries.

MFC Survival quickly became a respected name in the field of inflatable's, supplying equipment under the MFC name, together with a range of OEM products to a number of well known national and international manufacturers.

MFC Survival hosts a catalogue of 'firsts'; we were the original inventor of airlift bags, the first to manufacture aircraft recovery bags and one of the first to introduce inflatable shelters.



In July 2013 MFC Survival became part of the Respirex International group of companies, who enjoy a worldwide reputation for providing high performance chemical and particulate personal protective equipment solutions and unrivaled after sales support and service.

Since MFC became a part of Respirex international there has been a renewed focus on product development, with a host of new products including the RC4000 Rescue Craft, Recovery Board and a range of Decontamination showers. The Rapid Response Shelters have been re-developed and the Stak Jaks are now being manufactured in the South Wales factory.

MFC Survival is still committed to producing specialist inflatable equipment for the emergency and rescue services and for the UK Ministry of Defence.

Our experienced support and maintenance team can provide both on-site and off-site repair and servicing to ensure your equipment enjoys a long and productive operational life.

Every attempt has been made to ensure accuracy of the product descriptions and specifications in this catalogue at the time of printing. However, MFC Survival Limited have a policy of continuous product improvement and products and their specifications are subject to change without notice. For up to date product information, or if you have any questions, please call us on +44 (0)1443 433075.



Multi-purpose Rescue & Recovery Products

Rescue Sled

Rescue & Multifunction Craft

Airtrack Rescue Path

Animal Rescue Path

RP3 Rescue Platform

API Inflatable Stretcher

Recovery Board

FibreLight Cradle

Recovery Bag

Jet Ski Rescue Board

Water Rescue Kit

Drysuit

Fire Hose Inflation Kit

Mud Lance

Rescue Pole

Wading Pole

RescueSled

The RS Series Rescue Sled is a water rescue craft for use in crisis rescues i.e. flood rescue, that occur primarily in rivers, flooded urban and coastal areas, mountains and lakes.

Fully inflatable, the Rescue Sled is lightweight and portable, both inflated and deflated. It is easy to manoeuvre, and can be paddled or pulled by hand. The Rescue Sled has a flat bottom, making it exceptionally stable and suitable for use in very shallow water (from only 50mm), making it perfect for help in flood rescue situations.

The open, low stern (not on the RS8ER) assists with casualty recovery, and enables rescue of wheelchair users. Once on the sled, individuals can sit on the floor surrounded by the inflatable tubes, offering a comfortable and reassuring rescue environment.

- Exceptionally tough and durable
- Rapid inflation and deployment
- Easily launched into the surf zone for sea rescue, with a raised bow for improved performance in waves
- Open stern for easy access and self-bailing (not RS8ER)
- Minimal training, servicing and maintenance costs



RescueSled

The Rescue Sled is available in five standard sizes; 3, 5, 6, 10 and 15 man. The 3, 5 and 6 man sleds are ideal for swift-water and narrow access rescue, while the 10 and 15 man sleds and the RS8ER Evacuation Raft have a large floor space and load capacity, making them the perfect choice for emergency evacuation and flood rescue situations. Larger sizes (up to 45 man) can be manufactured on request.

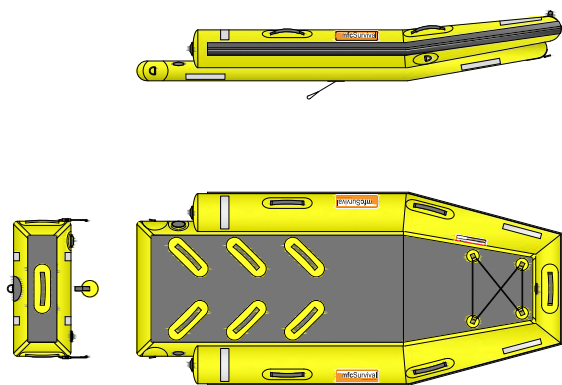
The Rescue Sled is a versatile piece of water rescue equipment suitable for use in a variety of different situations, including those involving Fire and Rescue Services, Water Rescue Teams, the Environment Agency, Police Divers, the RNLI, the Marine and Coastguard Agency, Mountain Rescue Teams and Airports.

Technical Information

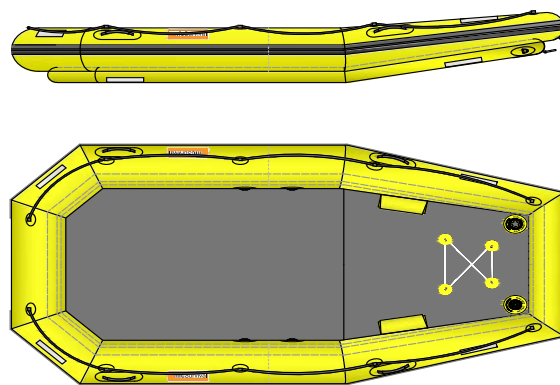
| | RS3 | RS5 | RS6 | RS8ER | RS10ER | RS10 | RS15 |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| No. of persons | 3 | 5 | 6 | 8 | 10 | 10 | 15 |
| Length (cm) | 256 | 311 | 397 | 350 | 400 | 400 | 520 |
| Width (cm) | 117 | 117 | 117 | 190 | 190 | 190 | 235 |
| Height (cm) | 40 | 40 | 40 | 56 | 56 | 56 | 77 |
| Capacity (kg) | 240 | 400 | 480 | 820 | 950 | 800 | 1200 |
| Air Requirements (ltr) | 530 | 670 | 710 | 1815 | 3000 | 2000 | 3800 |
| Pack size (cm) | 88 x 30 x 30 | 88 x 35 x 30 | 88 x 35 x 30 | 88 x 50 x 33 | 140x50x35 | 88 x 55 x 35 | 90 x 70 x 52 |
| Weight (kg) | 17 | 19.5 | 20.5 | 35 | 38 | 35 | 46 |
| Recommended regulator | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar |



RescueSled



RS3 Rescue Sled



RS8ER Evacuation Raft

Standard Equipment

| | RS3 | RS5 | RS6 | RS8ER | RS10ER | RS10 | RS15 |
|------------------------|---------|---------|---------|------------|------------|------------|------------|
| Buoyancy chambers | 2 | 2 | 2 | 3 | 3 | 5 | 5 |
| Carrying handles | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Boarding handles | 6 | 6 | 6 | X | X | 6 | 14 |
| Inflate/deflate valves | 3 | 3 | 3 | 3 | 3 | 5 | 5 |
| Relief valves | 3 | 3 | 3 | 3 | 3 | 5 | 5 |
| Life lines | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Towing ring | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Control line rings | 4 | 4 | 4 | X | X | X | X |
| Rubstrake | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Reflective strips | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Stowage pockets | X | X | X | 2 | 2 | 2 | 2 |
| Righting strap/handles | ✓ | ✓ | ✓ | X | X | X | X |
| Repair kit | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Inflation hose | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Carrying valise | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Paddles | 1 kayak | 1 kayak | 1 kayak | 2 T-handle | 2 T-handle | 2 T-handle | 4 T-handle |

Optional Equipment

| | RS3 | RS5 | RS6 | RS8ER | RS10 | RS10ER | RS15 |
|----------------------------------|-----|-----|-----|-------|------|--------|------|
| T handle canoe paddles | ✓ | ✓ | ✓ | X | X | X | X |
| Paddle retaining patches on tube | X | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Additional storage pockets | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Anti chafe panels on floor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Lettering/logos | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Load securing points | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Foot Pump | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Alternative Colour | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Removable bolster | ✓ | ✓ | ✓ | x | x | x | x |
| Transfer valves | X | X | X | X | X | 2 | 2 |



The RC4000 Rescue Craft from MFC Survival is designed to exceed the performance of a conventional Inflatable flood rescue boat, while providing the shallow draft and ease of transportation of a rescue sled. The inflatable four meter design incorporates twin keels with a rigid inflatable floor and represents the latest thinking in flood rescue boat design.

Used with a 25-30hp short shaft outboard motor, the RC4000 is capable of making headway in strong currents while the twin keels ensure excellent manoeuvrability. It can be towed or line controlled with or without the motor fitted and is light enough to be carried to where it is needed.

When deflated the Rescue Craft packs into a carry bag small enough to fit it together with the motor in the back of a small van or a conventional family hatchback with the rear seats dropped.

The RC4000 is fitted with a range of extra control line points and grab handles and its length makes it highly manoeuvrable, while its generous internal dimensions provide far greater space for occupants than a comparable sized IRB.

The RC4000 can carry up to 10 people, or a rescue crew of four, with plenty of room for equipment.

- Tough and durable
- Weighs significantly less than an equivalent Inflatable Rescue Boat (see technical information table)
- Rapid inflation and deployment
- Compact storage
- Raised bow for better performance in waves
- Excellent high speed control



Multi-functionCraft

Lightweight and easy to transport, the inflatable Multifunction Craft range provides a flexible operational platform that can be quickly deployed where needed to carry large numbers of people or equipment.

Suitable for use with short shaft outboard motors up to 30hp, the twin keel design of the Multifunction Craft means that they are stable and highly manoeuvrable. Without a motor fitted they can be towed or line controlled and the low pack weight allows them to be carried by a two or three man team (depending on the model) to a suitable launch point. The large flat deck allows up to 14 people or one tonne of equipment to be carried (MFC5000), making these craft ideal for urban or rural flood evacuation and the movement of personnel, equipment or supplies.

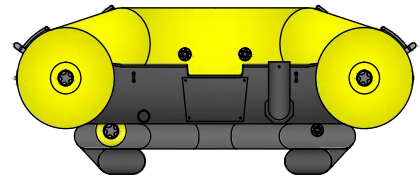
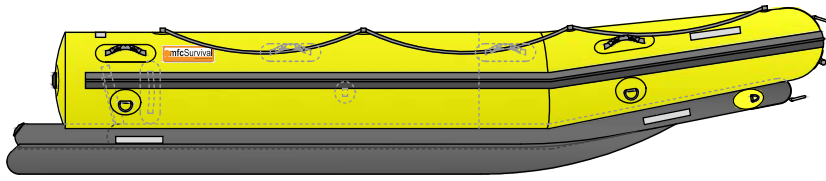
The flat-bottomed design and shallow draft make the craft suitable for use in shallow waters from approximately 40cm deep (depending on the outboard engine). Without the motor an empty Multifunction Craft will float in 10 cm of water. The flat, rigid floor of the Multifunction Craft offers a comfortable, dry and stable platform for passengers, while the inflatable tubes provide a reassuring support to lean against.

Available in three standard sizes; 4m (10 person), 4.5m (12 person) and 5m (14 person).

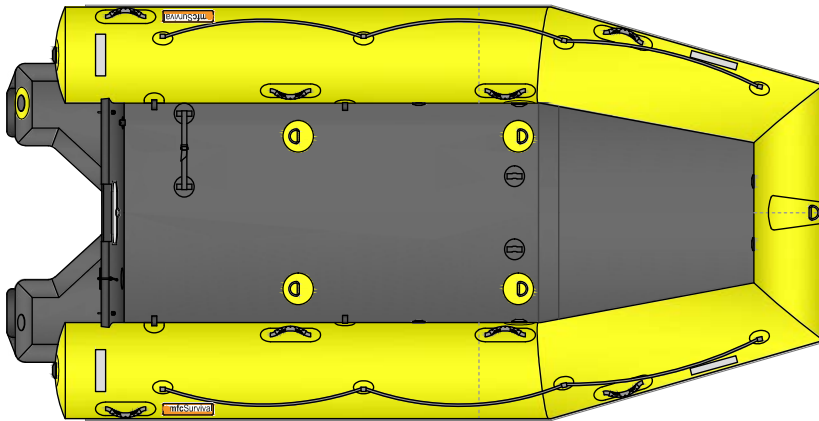
- Integral transom with non-return drain port and towing 'u' bolts
- Supplied with or without motor
- Minimal servicing and maintenance costs
- Wide beam gives excellent stability
- Flat fronted bow provides easier boarding and greater interior space
- Inflated by BA cylinder & regulator, electric pump or foot pump



Rescue&Multi-functionCraft



RC4000 Rescue Craft



Community Design Number: 2520494

Technical information

| | RC4000 | MFC4000 | MFC4500 | MFC5000 |
|---------------------------------------|-------------------|-------------------|-------------------|-------------------|
| No. of persons | 10 | 10 | 12 | 14 |
| Length (cm) | 400 | 400 | 450 | 500 |
| Width (cm) | 200 | 200 | 217 | 217 |
| Height (cm) | 80 | 80 | 80 | 80 |
| Tube diameter (cm) | 48 | 48 | 48 | 48 |
| Working pressure - Tube (bar) | 0.2 | 0.2 | 0.2 | 0.2 |
| Working pressure - Floor (bar) | 0.4 | 0.4 | 0.4 | 0.4 |
| Capacity (kg) | 800 | 800 | 960 | 1050 |
| Air requirement (litres) | 2900 | 2900 | 3300 | 3500 |
| Pack size L x W x H (cm) | 140x50x35 | 140x50x35 | 165x55x35 | 165x55x35 |
| Weight (kg) | 53 | 52 | 58 | 65 |
| Max engine, short shaft (Hp) | 25/30 | 25/30 | 25/30 | 25/30 |
| Max engine weight (kg) | 65 | 65 | 65 | 65 |
| Recommended Regulator | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar |

Rescue&Multi-functionCraft

Standard Equipment All Models

- 4x Buoyancy chambers
- Inflatable floor & keels
- 5x Carrying handles
- 5x Inflate / deflate valves
- 5x Relief valves
- 2x Life lines
- Towing point
- 2x Towing bridle attachment points
- Rubstrake
- Reflective strips
- Painted marine ply transom
- Transom drain plug
- Motor clamp plate
- 2x Towing 'U' bolts in transom
- 2x T-handle paddles
- Paddle retaining patches
- Repair kit
- Inflation hose
- Carrying valise
- Anti-chafe panels

Additional Equipment RC4000 Model

- 4x Internal grab handles
- 4x Internal control line rings
- 4x External control line rings
- Bow towing control ring
- High volume drain sleeve

Options & Customisation

- Flexible fuel tank and attachment points
- Load securing points
- Control line rings
- 2x Transfer valves
- Stowage pockets
- Lettering / logos
- Foot pump
- Electric Inflator
- Regulator



Airtrack Rescue Path

The Airtrack is an inflatable rescue path for accessing casualties during water rescue, and rescue on mud, ice and unstable terrain.

Constructed in a catamaran shape, the Airtrack has two sponsons running lengthways down the underside of the path. This shape provides exceptional stability on water, especially during casualty recovery. It also offers clearance on ice, mud flats and unstable terrain, and prevents suction onto mud and soft surfaces.

The Airtrack rescue path is available in various sizes, from 2 to 10m long. For increased capacity several inflatable paths can be connected using the rapid extension link-up feature. Airtracks can either be connected lengthways to extend the path, or sideways to create a rescue raft, making the Airtrack a truly versatile piece of water rescue kit.

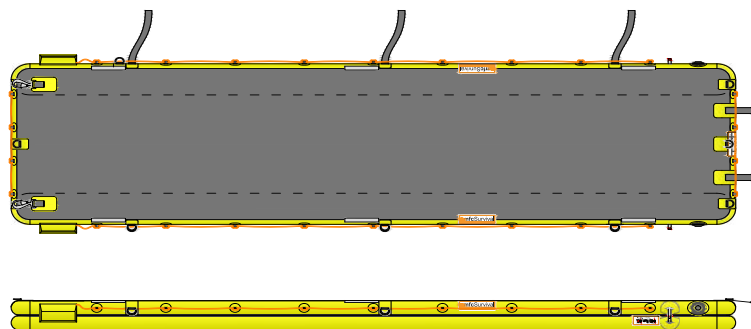
The Airtrack is compact and portable, packing away neatly into the carrying valise provided. It can be inflated and deployed quickly allowing rescue personnel access to the casualty within minutes.

- Non-slip top surface
- Strong and durable
- Drop stitch construction creates a firm flat surface
- Incorporates retro reflective tape for visibility
- Stable
- Versatile
- Low maintenance

The Airtrack can also be used as a temporary pontoon, rescue raft, platform or access path.



Airtrack RescuePath



5m AirTrack

Technical information

| | 2M | 3M | 4M | 5M | 10M |
|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Length (cm) | 200 | 300 | 400 | 500 | 1000 |
| Width (cm) | 137 | 137 | 137 | 137 | 137 |
| Height (cm) | 25 | 25 | 25 | 25 | 25 |
| Working Pressure (bar) | 0.55 | 0.55 | 0.55 | 0.55 | 0.55 |
| Air | 640 | 960 | 1280 | 1600 | 3200 |
| Packed size (LxWxH cm) | 82x48x24 | 87x48x28 | 87x48x32 | 87x48x35 | 89x73x50 |
| Weight (kg) | 12 | 17 | 22 | 28 | 55 |
| Max load (kg) | 200 | 300 | 400 | 500 | 1000 |
| Recommended Regulator | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar |

Standard equipment

- Inflate/deflate valve
- Relief valve
- Carrying handles
- Repair kit
- Inflation hose
- Carrying valise

Optional equipment

- Anti-chafe panels
- Slip mat
- Lettering / logos
- Foot pump
- Regulator



Animal Rescue Path

The Animal Rescue Path is a simple and adaptable pathway to aid the rescue of animals trapped in mud, ditches or soft ground.

The path inflates to only 6.7cm high and has a smooth upper surface, providing a flexible, obstruction free platform to manoeuvre the animal on to and across to safety.

Easily portable, the Animal Rescue Path comes supplied in a compact carry bag and is available in two different lengths.

- Stable and robust pathway
- Quick to deploy
- Low pressure
- Lightweight and portable
- Available in 5 and 10 meter lengths
- Optional anti-chafe panel available
- Designed to minimise the distress caused to the animal



Technical Information

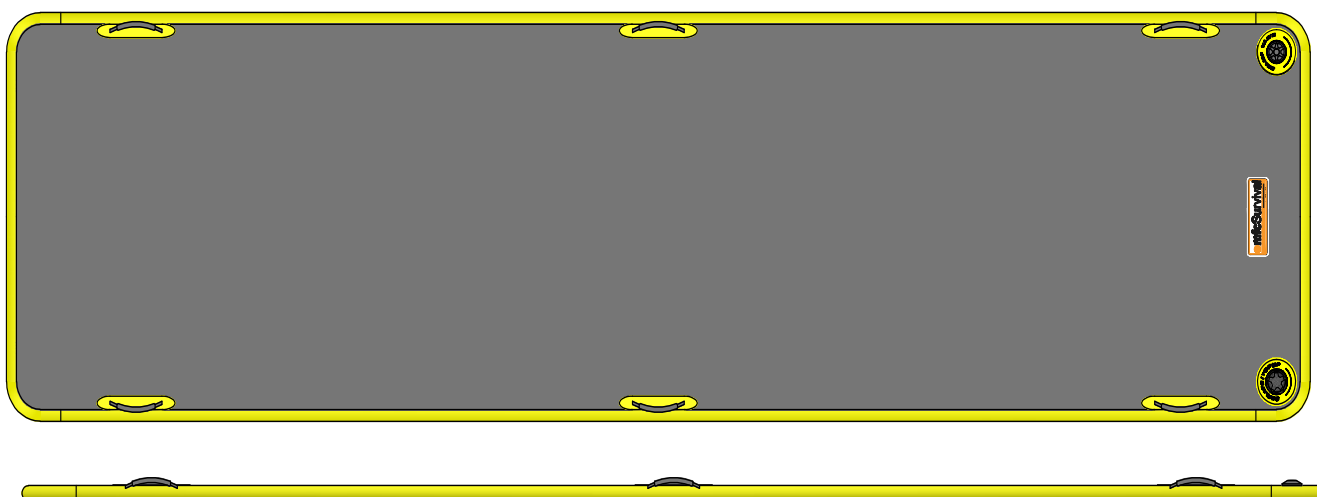
| | 5M | 10M |
|------------------------|-------------------|-------------------|
| Length (cm) | 500 | 1000 |
| Width (cm) | 134 | 134 |
| Height (cm) | 6.7 | 6.7 |
| Weight (kg) | 15.5 | 30 |
| Pack size (cm) | 66 x 34 x 25 | 70 x 45 x 30 |
| Air requirement (ltr) | 455 | 910 |
| Working pressure (bar) | 0.2 | 0.2 |
| Recommended Regulator | Type 646 2 bar | Type 646 2 bar |

Standard equipment

- Inflate/deflate valve
- Relief valve
- Carrying handles
- Repair kit
- Inflation hose
- Carrying valise

Optional equipment

- Anti-chafe panels
- Slip mat
- Lettering / logos
- Foot pump
- Regulator



5m Animal Rescue Path

RP3 Rescue Platform

The RP3 is an inflatable platform for the recovery of casualties primarily in shallow water, mud, ice and swamp environments.

The RP3 provides a very stable rescue platform due to its catamaran style sponsons. Where necessary the platform can be used in conjunction with rescue craft, and is easily paddled or line transferred.

When secured alongside rescue craft the RP3 acts as a transfer platform to facilitate easy recovery of casualties from the water, especially those on spinal boards.

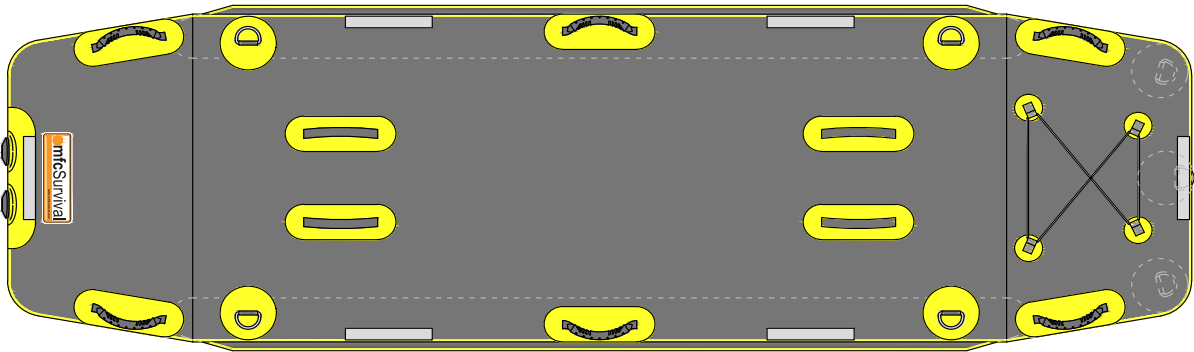
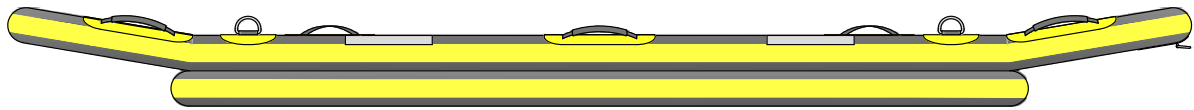
In addition to spinal boards, a variety of rigid stretchers can be located on top of the platform and subsequently manoeuvred to safety.

The rescue platform packs away into a light and compact carrying valise, and is easily inflated using bellows or a B.A. bottle.

- Non-slip top surface
- Versatile
- Stable
- Robust and low maintenance
- Quickly deployable
- Compact storage
- Easy to transport, both inflated and deflated



RP3 Rescue Platform



RP3 Rescue Platform

Technical Information

| RP3 | |
|--------------------------|-------------------|
| No. of persons | 3 |
| Length (cm) | 320 |
| Width (cm) | 98 |
| Height (cm) | 32 |
| Capacity (kg) | 240 |
| Pack size (cm) | 70 x 45 x 30 |
| Weight (kg) | 15 |
| Working pressure (bar) | 0.2 |
| Air requirement (litres) | 570 |
| Recommended Regulator | Type 646 2 bar |

Standard Equipment

- 6x carrying handles
- 4x grab handles
- Inflate / deflate valve
- Relief valve
- Towing ring x3
- 4x tie-down/control line rings
- Reflective strips
- Kayak paddle
- Paddle retainer
- Repair kit
- Inflation hose
- Carrying valise

Optional Equipment

- 'T' handle paddles
- Lettering / logos
- Anti-chafe panels
- Foot pump
- Regulator



API Stretcher

The API (All Purpose Inflatable) Stretcher is a revolutionary rescue stretcher designed to provide a safe casualty handling solution for many emergency rescue scenarios.

Despite its robust construction, the API Stretcher is lightweight and easy for one person to carry, it is ideal for casualty recovery in tight or difficult to reach areas. When deflated, the API Stretcher is compact to store, easily stowed on a vehicle, boat, helicopter or aircraft.

The API Stretcher can be inflated using an air cylinder, bellows or a compressor and takes only minutes to deploy. Once a casualty is in place on the inflatable stretcher it can be easily carried, dragged or tobogganed over various terrains, including snow, sand, marsh and mudflats. It can also be lifted by helicopter, hauled in the horizontal or vertical plane, and rigged as a 'Breeches Buoy' ship-to-shore transit system.

The All Purpose Inflatable Stretcher can be supplied with an optional cover to provide all round protection from exposure. The cover has an inbuilt face visor and a two way zip to provide quick access to the casualty.

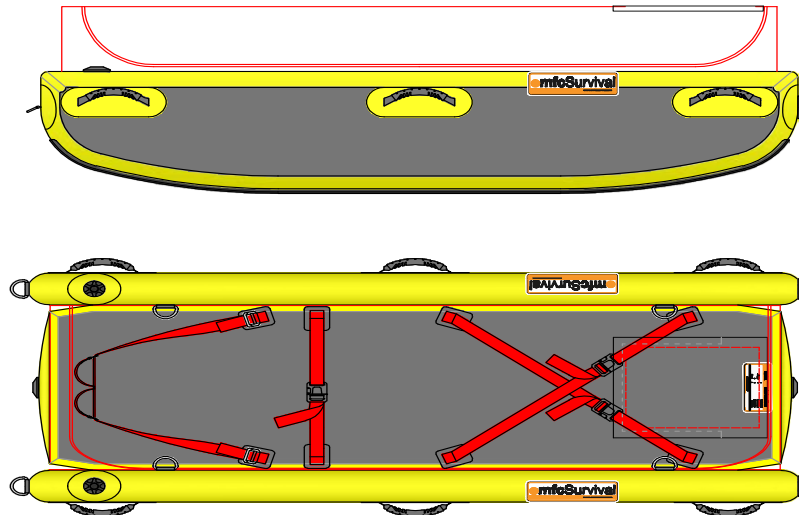
- Quick to deploy
- Can be carried by one person
- Suitable for use with a spinal board
- Multi-point quick-release restraint harness
- Anti-Chafe rubstrate on underside of sponsons
- Low maintenance

The API rescue stretcher has undergone extensive trials by Mountain Rescue Teams which have proven it offers maximum mobility with minimum physical effort and manpower. It is used in Urban Search and Rescue and is also suitable for use in many different rescue scenarios.

The stretcher is available in 6 different sizes, these include 2 different lengths and 3 different widths.



API Stretcher



WR0184 API Stretcher

Community Design number: 001409809-0001
001409809-0002

Technical Information

| | Standard | | | Long | | |
|-------------------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|
| | WR0182 (Narrow) | WR0184 (std.) | WR0186 (Wide) | WR0188 (Narrow) | WR0190 (Std.) | WR0192 (Wide) |
| No. of persons | 1 | 1 | 1 | 1 | 1 | 1 |
| Length (cm) | 215 | 215 | 215 | 255 | 255 | 255 |
| Width (cm) | 72 | 89 | 96.5 | 72 | 89 | 96.5 |
| Height (cm) | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 | 41.5 |
| Capacity (kg) | 200 | 200 | 200 | 200 | 200 | 200 |
| Air Requirements (ltr) | 340 | 370 | 390 | 380 | 420 | 450 |
| Pack size (cm) | 70x45x30 | 70x45x30 | 70x45x30 | 70x45x30 | 70x45x30 | 70x45x30 |
| Weight (kg) | 11 | 11.25 | 11.5 | 12 | 12.5 | 12.5 |
| Recommended regulator | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar |

Optional equipment

- Cover
- Lettering/logos
- 4 leg lifting sling
- Anti-chafe panels
- Foot pump
- Regulator

Standard equipment

- 3x buoyancy chambers
- Inflatable bed

- 6x carrying handles
- 4x lifting points
- 3 x Inflate/deflate valves
- 3x relief valves
- 2x towing rings
- 3x body restraining straps with quick release buckles
- Foot securing strap with quick release buckle
- Anti-chafe rubstrake under inflatable sponsons
- Reflective strips
- Repair kit
- Inflation hose
- Carrying valise

RecoveryBoard

The Recovery Board is a lightweight inflatable stretcher that is used to transport casualties in any rescue scenario. The board is able to be packed down into a small back pack to make it easier for transportation.

Fully inflatable the Recovery Board is very lightweight and portable and it can be both inflated and deflated by a single valve.

The recovery board has been designed so that it is easy carry whilst in use, this is due to the sturdy lifting handles that are placed on either side of the product.

The recovery board also has a multi-point quick release restraint harness for securing casualties during transport. It is ideal for for casualty recovery in tight or difficult to reach areas. The compact size means it can be easily stowed in a vehicle, boat, helicopter or aircraft.

The recovery board is inflated via a BA cylinder or pump, this makes it both quick and easy to deploy. The recovery board will comfortably accommodate adults up to 198cm (6'6") tall and 150kg(23.5st) in weight.



RecoveryBoard

Technical Information

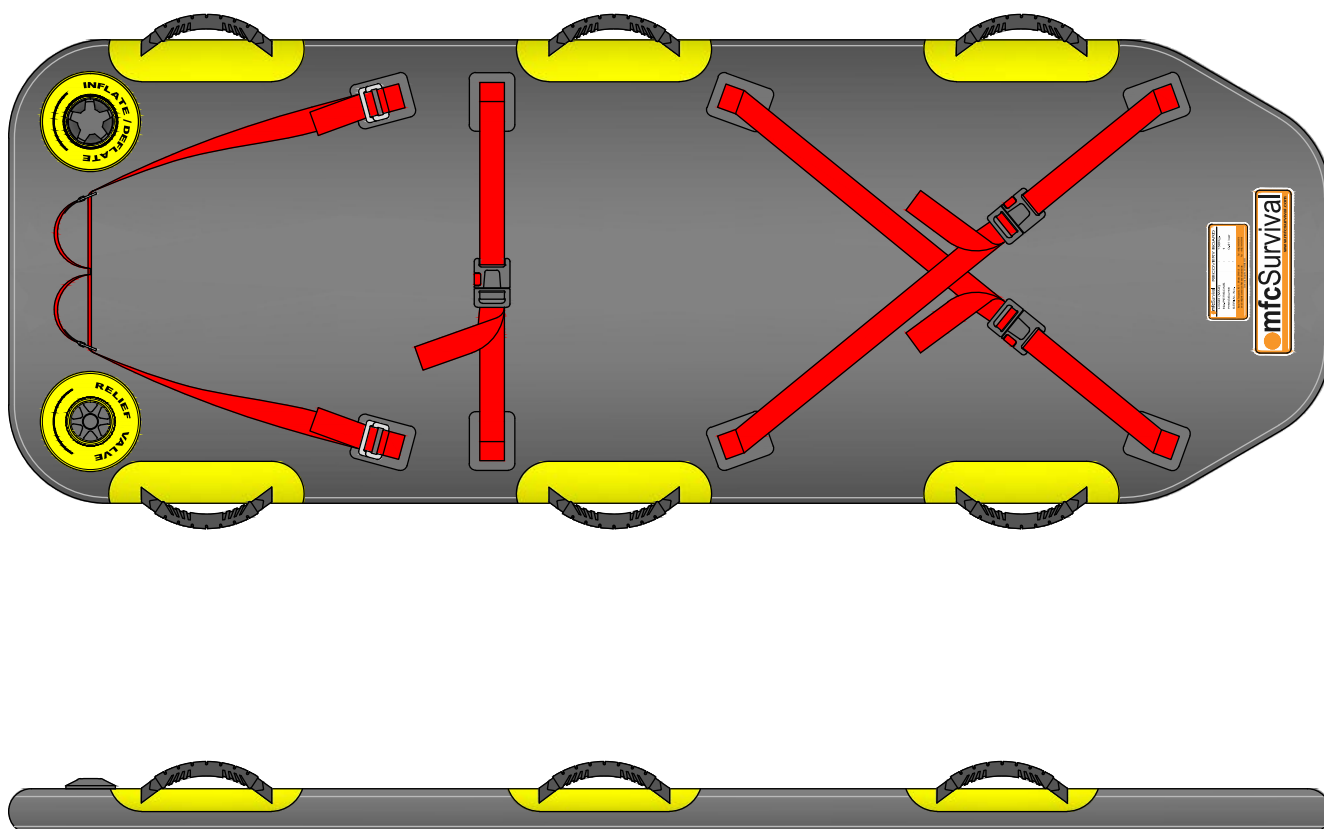
| | |
|--------------------------|-------------------|
| No. of persons | 1 |
| Length (cm) | 204 |
| Width (cm) | 66 |
| Height (cm) | 6.7 |
| Capacity (kg) | 150 |
| Pack size (cm) | 35x35x18 |
| Weight (kg) | 7 |
| Working pressure (bar) | 0.5 |
| Air requirement (litres) | 100 |
| Recommended Regulator | Type 646 2 bar |

Standard Equipment

- 6x Carrying handles
- Inflate/Deflate Valve
- Relief Valve
- 3x Body restraining straps
- Adjustable Foot strap
- Repair Kit
- Inflation Hose
- Rucksack

Optional equipment

- Regulator
- Lettering / logos
- Anti-chafe panels
- Foot pump



Community Design Number: 001409809-0003

Recovery Board

FibreLightCradle

The Fibrelight cradle is a 'man over-board' recovery system. It is a very versatile piece of water rescue equipment which is designed primarily for use by rescue crafts, rigid inflatables and other lifeboats. It has been SOLAS approved.

Manufactured from PU coated polyester webbing and reinforced with carbon fibre rods, the fibrelight cradle is tough, durable light-weight and easy to handle. The cradle comes in different sizes that range between 2-7m long and weighs approximately 5kg.

The fibrelight cradle has many different applications however its primary function is to recover casualties during water rescue in the medically preferred horizontal position. To rescue a casualty in this position the cradle is secured at the inboard end and the outboard end is held outwards by hand, boat hook or bridle depending on the size of the craft. The casualty is then guided onto the cradle and the outboard end is hauled up bringing the casualty safely on board. Once they have been recovered from the water the cradle can act as a stretcher.



FibreLightCradle

The cradle is a versatile item of water rescue equipment. In addition to this application it can be used as a scramble net or boarding ladder to climb into the boat or disembark safely in an emergency and can assist with casualty recovery from trenches, ditches and other similar environments.

The fibrelight cradle is very quick and simple to use and in many circumstances can be operated by one crew member. It is suitable for use by a diverse range of water borne organisations including the navy, coastguard, rescue organisations and even the fishing industry.

- SOLAS Approved
- Comes in a valise
- Tough and durable
- Low maintenance
- Tested in accordance with Lloyds Register Certificate Type Approval SAS S100 150
- Compact

Optional Equipment

- Can be supplied with floats attached to the outboard end
- 4 stainless steel rods



RecoveryBodyBag

MFC's recovery body bag is designed to contain mortalities and body parts after a fatal incident. The bag is designed in an 'envelope' style and is able to fit larger adults and below.

The recovery body bag is fitted with 2 handles on each end or 2 handles on each side. The handles make it easier to be carried and transported whilst the bag is in use.

Technical information

| | SMALL | LARGE |
|------------------------|---------|---------|
| Length (cm) | 236 | 236 |
| Width (cm) | 75 | 90 |
| Number of handles | 6 | 6 |
| Packed size (LxWxH cm) | 40x30x7 | 48x30x7 |
| Weight (kg) | 3 | 3.5 |

Standard Equipment

- 6 x carrying handles
- Zip closure
- Identification pocket
- Logo Label
- Storage bag



JetSki Rescue Board

The Rescue Board is an inflatable board that is attached to the back of jetski by a towing 'D' ring and two shock cord 'D' rings which are located at the front of the inflatable board.

The Rescue Board has been designed to be used in the sea for a rapid response and rescue. The board has 10 handles built into it to make it easier for the casualty or rescue crew to hold onto the board whilst in action.

Fully inflatable the Rescue Board is very lightweight and portable and it can be quickly inflated and deflated. The board is very light weight and easy to pack away into the valise provided.

Technical information

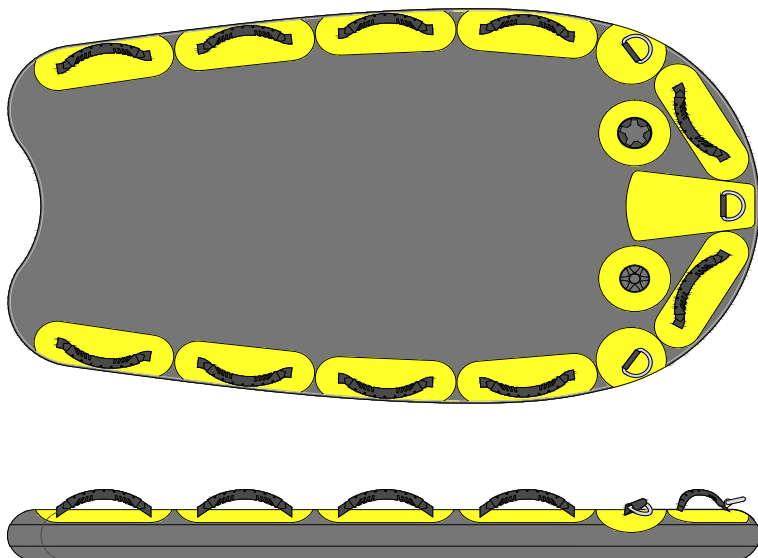
| Length (cm) | 160 |
|------------------------|-------------------|
| Width (cm) | 92 |
| Height (cm) | 12.5 |
| Working Pressure (bar) | 0.5 |
| Air | 250ltr |
| Packed size (LxWxH cm) | 97x32x17 |
| Weight (kg) | 7 |
| Max load (kg) | 150 |
| Recommended Regulator | Type 646 2 bar |

Standard Equipment

- Towing 'D' ring
- 2 x Shock cord 'D' ring
- 10 x Grab handles
- Inflation valve
- Relief valve
- Antichafe on underside
- Repair kit
- Inflation hose
- Valise

Optional Equipment

- Lettering/Logos
- Electric inflator
- Regulator
- Foot pump



Jet Ski Rescue Board

WaterRescueKit

MFC Survival supply a comprehensive range of water rescue equipment and PPE which can be used within any water rescue scenario.

Water rescue kits come supplied in a tough, waterproof bag. The following list highlights a selection of equipment available.

- Helmet
- Waterproof bag
- Throw line
- Knife
- Rescue 800 PFD
- Safety Line
- 150N Lifejacket
- 275N Lifejacket
- Loud hailer with storage bag
- Water Rescue Lanyard



MFC Survival's range of Drysuits are the ultimate in comfort, protection and durability. To meet every requirement, MFC Survival have a selection of six world class drysuits. All suits are manufactured from the best available butyl trilamintes, providing excellent flexibility and comfort alongside superior strength and resistance to cold temperatures.

For durability and reliability all seams are triple-stitched and sealed using neoprene adhesive tape. Latex seals are also available on request.

To maintain a consistently high quality, all drysuits are pressure tested under water as part of our rigorous ISO 9001 Quality Management System and are guaranteed for one year against manufacturing faults.

Each type of drysuit is available in many different sizes. They are all supplied with internal braces, a panel in the crotch area to minimise wear and tear and the option of customer-specific badging and printing.

The different styles are as follows:

Extra Lightweight

- Basic drysuit for routine flood work

Lightweight

- Double layers on knees
- SOLAS approved reflective tape
- Flexible for swift water rescue

Heavy Duty

- Double layers on knees, seat and elbow areas
- SOLAS approved reflective tape
- Strong and durable for prolonged use in hazardous environments

Half and Half

- Lightweight top, heavy duty bottom
- SOLAS approved reflective tape
- Offers flexibility on the upper half with added protection in the lower area

Breathable

- Ideal solution for up to 24hrs use and prolonged wear on stand-by
- SOLAS approved reflective tape
- Double layers on knees, seat and elbow areas

Optional Accessories

- Thinsulate undersuit: 100gsm thinsulate one piece suit with micro fibre.
- Drygloves with latex seal
- Drygloves with latex seal and thermal liner
- 3mm thick orange hood
- 3mm thick orange hood with yoke
- Socks (choice of neoprene or latex)
- Cuffs



FireHoseInflationKit

The Fire Hose Inflation Kit provides a front line, first response solution for water rescue where the casualty is conscious and able to help themselves.

This compact, robust kit can be deployed in seconds with ordinary fire hose and used in a number of different water rescue techniques. To use, simply connect the required lengths of hose together, fit the couplings from the kit to the ends of the hose system, and inflate. The system can then be deployed in various ways, depending on the prevailing conditions:

Line retrieval - The hose can be directed from a safe land position towards a conscious casualty and can then be retrieved with the casualty in tow.

Boom rescue - Used on flowing water, the inflated hose can be positioned at an angle across the flow to provide a buoyant lifeline for waterborne casualties. The angled boom allows a safe, controlled route to safety.

Alternatively, a line can be attached to the coupling and thrown to the opposite bank to provide a dam to catch casualties coming down in fast flowing water, or it can be used to contain small amounts of oil floating on the water surface.

- Quick to deploy
- Versatile - use in a variety of methods depending on the situation
- Regulator provided features glycerine-filled dials for protection
- Supplied in a compact, portable case
- Shut-off cap/coupling with locking pin prevents accidental release
- Also available supplied in a kit bag without control equipment
- End cap provided for use in dark conditions

The kit consists of the following components:

- Cylinder Regulator
- Hand-held controller
- Delivery & inflation hoses
- Inflation cap
- End cap with locking pin to prevent accidental release and high visibility grab loop



The Mud Lance is a durable lance to loosen the soil, sand or mud surrounding a trapped animal/person during mud rescue. Using either water or air, the Mud Lance will overcome the suction from the mud, allowing the animal/person to be rescued quickly and safely with minimal distress.

When not in use the Mud Lance can be dismantled and packed away into the compact carry bag provided, making it easy to store and carry.

- Robust and durable - constructed from stainless steel
- Compact and portable
- Operates at 8 bar working pressure
- Quick and simple to use
- Kit contains 1m lance with carry bag

Optional equipment

- Regulator
- Delivery hose



RescuePole

The Rescue Pole is an extendable-reach pole with a various attachments and accessories to help assist with rescue and retrieval.

With an extendable long reach handle, the Rescue Pole can be fixed to any length from just under 5 meters to a 9 meter reach with an independent clamp lock between each section. Depth markers included on the Rescue Pole make it also suitable for use as a wading pole.

- Ergonomically designed hook for hook/lift/drag applications
- High visibility design for use in low light conditions
- Extendable from 5 and 9 metres
- Compact for transportation and on-board stowage
- Independent clamp locks to quickly adjust length
- Depth markers

From an operational perspective the Rescue Pole is incredibly versatile and can be tailored to suit the requirements of the current rescue situation by using different attachments.

Technical Information

| | 5m | 9m |
|-------------------------|----------------------|--------------------------|
| Material | Standard glass fibre | Ultra light carbon fibre |
| Collapses to (m) | 1.8 | 2.1 |
| Weight (kg) | 2.1 | 3.1 |
| Float Req. | X | ✓ |

Optional Attachments

- Crook
- Flotation collar
- Grappler
- Pro snare
- Body hook



Wading Pole

The wading pole is used by the rescue team to stabilise themselves in rescue operations in flooded areas with fast flowing water.

The pole has been strengthened specifically so that the pole is able to be used within the most severe conditions.

The wading pole has a unique design which includes an ergonomically designed 'T' bar handle and a light weight and rigid glass fibre shaft with metal end cap.

- Ergonomically designed with 'T' handle
- Can be used in severe conditions
- Depth markers
- Lightweight



Shelters

Inflatable shelters

Decontamination Units



InflatableShelters

MFC Survival's Shelters provide a quickly deployable shelter for rapid response and emergency situations. The new design makes the shelters lighter and more compact and therefore easier to transport and carry to any situation.

Fully inflatable, these Shelters can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are lightweight to transport and compact to store. All shelters are supplied with removable end panels and adjustable zipped entrances at the front and rear, providing a versatile solution that allows two or more shelters to be linked together if required. Shelters can be anchored on hard or soft standing, and guy ropes are provided for use in inclement weather.

Relied upon by armed forces, emergency services and humanitarian organisations worldwide, these shelters are frequently used for applications such as field hospitals, command centres, crime scene preservation, storage areas and vehicle maintenance shelters.

MFC Survival Shelters are supplied with a comprehensive range of standard equipment, along with a large choice of optional add-ons such as heating, lighting and removable floors.

- Wide range of sizes and colours available
- Smaller shelters can be carried by only two people
- Bespoke shelters available to accommodate most specific requirements
- Inflated by BA cylinder & regulator, electric pump or foot pump



InflatableShelters

Technical Information

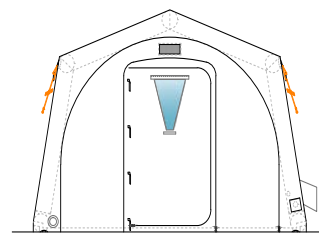
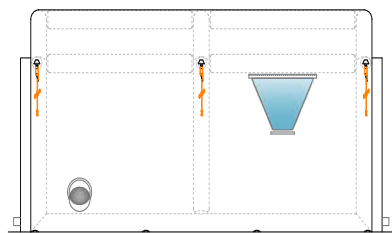
| Type | Length (cm) | Width (cm) | Height (cm) | Weight (kg) | Air (litres) | Working Pressure (bar) | Pack size LxWxH (cm) | Recommended Regulator |
|------|-------------|------------|-------------|-------------|--------------|------------------------|----------------------|-----------------------|
| 9 | 300 | 300 | 263 | 36 | 1300 | 0.2 | 120x66x41 | Type 646 2 bar |
| 12 | 400 | 300 | 263 | 45 | 1850 | 0.2 | 120x66x41 | Type 646 2 bar |
| 16 | 400 | 400 | 280 | 58 | 2600 | 0.2 | 130x66x50 | Type 646 2 bar |
| 20 | 500 | 400 | 280 | 68 | 2900 | 0.2 | 130x66x50 | Type 646 2 bar |
| 25 | 500 | 500 | 290 | 78 | 3050 | 0.2 | 140x80x66 | Type 646 2 bar |
| 30 | 600 | 500 | 290 | 88 | 3700 | 0.2 | 140x80x60 | Type 646 2 bar |
| 36 | 600 | 595 | 308 | 105 | 5900 | 0.2 | 140x80x60 | Type 646 2 bar |
| 51 | 850 | 595 | 308 | 125 | 8100 | 0.2 | 160x80x66 | Type 646 2 bar |

Standard Equipment

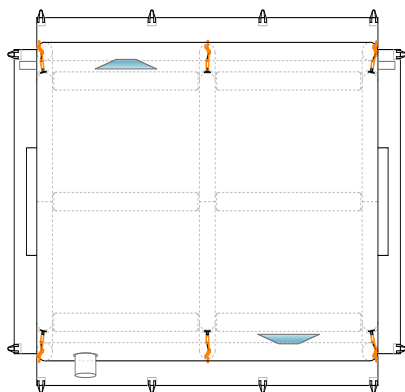
- Relief valve to prevent over inflation
- Inflate/deflate valve
- Heater sleeve
- Removable end panels
- Adjustable zipped entrances in front and rear
- Air vents
- Guy lines with adjusters
- Easy lift carrying valise
- Steel securing picket set
- Repair kit
- Inflation hose

Optional Equipment

- Regulator
- Removable floor
- Heating
- Lighting
- Logos, aerial identification etc
- Add or remove windows
- Internal partitions
- High pressure inflation valve
- Groundsheet



Type 20 Inflatable Shelter



Decontamination Showers

Lightweight and quick to deploy, the inflatable Decontamination Unit range from MFC Survival allow for rapid response

Fully inflatable, these Decontamination Showers can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are lightweight to transport and compact to store. The Decontamination units come in three sizes, the Single Person Decon Shower, the Four Person Decon Shower and the Mass Decon Shower.

The mass Decontamination shower is internally partitioned into three lanes (male, female & assisted casualty), with pre and post decon changing areas.

Optional raised floor panels prevent contact with contaminated shower wash-off which is collected in a chemically resistant sump. Sleeves for pumped extraction of contaminated water are included as standard.

Showers can be used on hard or soft standing, and guy ropes are provided for securing in position. .

- Light Weight and compact
- Rapid Inflation and deployment
- Low Maintenance
- Easily Detachable Lining
- Integral multi-nozzle shower systems for wash and rinse
- Wash brush hose connection fittings
- Large roll-up doors at each end with zip closure



Decontamination Showers

| Type/ Persons | External size LxWxH (m) | Internal size LxWxH (m) | Floor area (m²) | Air (litres) | Working Pressure (bar) | Valise size LxWxH (cm) | Weight packed (kg) | Recommended Regulator |
|------------------|----------------------------|-------------------------------|-----------------------|-----------------|------------------------------|------------------------------|--------------------------|--------------------------|
| Single | 2x2.2x2.5 | 1.8x1.6x2.2 | 2.85 | 800 | 0.2 | 70x45x30 | 25 | Type 646 2 bar |
| Four | 4.85*x3.1x2.6 | 3x2.5x2.3 | 7.5 | 1100 | 0.2 | 120 x 70 x 45 | 60 | Type 646 2 bar |
| Mass | 7.5x4.7x2.9 | 7.3x4.1x2.6 | 30 | 3800 | 0.2 | 160x80x60 | 90 | Type 646 2 bar |

*Note Length includes external sump

Standard Equipment

- Single/Four Person Shower

- Waste Water Hose Sleeves
- Guy Ropes
- Transport Valise
- Shower hose & nozzles

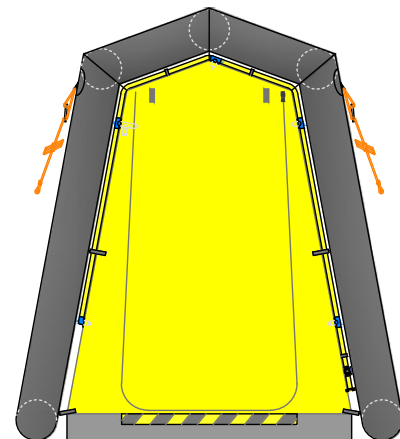
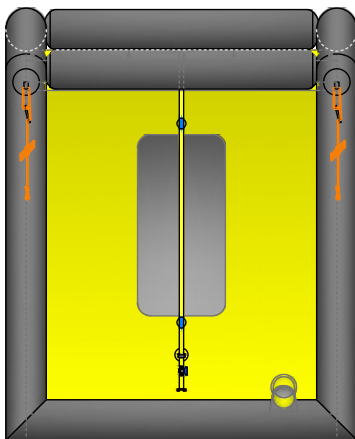
Standard Equipment

- Mass Decon Shower

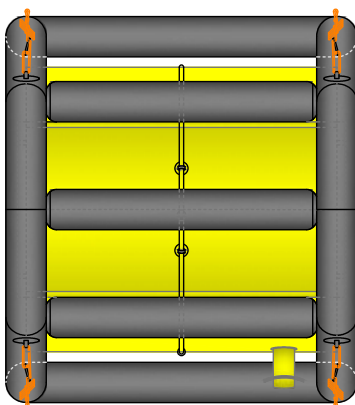
- Waste Water Hose Sleeves
- Guy Ropes
- Transport Valise
- Shower hose & nozzles
- Heater sleeves
- Ventilation panels

Optional Equipment

- Raised floor panels
- Waste water pump
- Hoses & brushes
- Electric inflator
- Waste water containment
- Lettering/Logos
- Water heater



Single Person Shower



Recovery Lifting |

Stak Jaks

PowerMat

Airlift Cushions

AMS Lifting Bags



The Stak Jak is a revolutionary flat-profile lifting cushion for vehicle and heavy duty lifting requirements.

The flat profile of the Stak Jak has several distinct advantages over traditional ovoid lifting cushions of which the most significant is the ability to safely stack up to three cushions together. This enables a greater lift height without the risk of sudden ejection or instability that is possible when stacking ovoid mats.

In addition the Stak Jaks are not subject to the diminishing lift capacity experienced with ovoid mats. Complicated graphs and uncertain lifting heights and capacities do not need to be considered when using a Stak Jak; their lifting capacity remains constant throughout the lift, even at full height.

Stak Jaks are slimline for tight space scenarios and compact storage. They are constructed from exceptionally tough Kevlar cord, yet are light enough to be carried by just one person.

Stak Jaks can be inflated quickly to provide an instant lift, making them ideal for use in rapid response emergency situations. They also have a controlled deflation facility if required, and can be supplied with an optional bleed valve on request.

- Flat profile avoids diminishing lift
- Stack up three cushions safely
- Supplied with Karabiner style retaining straps
- Lightweight and portable
- Controlled deflation facility
- Significantly more stable than an ovoid mat
- Versatile - designed for emergency services but also used in industry, mining, railroads, armed forces, and caravan and static unit companies



Technical Information

| | KSM11 | KSM15 | KSM40 |
|-------------------------------|-------------------|-------------------|-------------------|
| Maximum lift (tonne) | 11 | 15 | 40 |
| Width (cm) | 52 | 62 | 94 |
| Length (cm) | 52 | 62 | 94 |
| Inflated height (cm) | 15 | 17 | 19 |
| Deflated height (cm) | 3 | 3 | 3 |
| Air capacity (litres) | 200 | 350 | 1450 |
| Weight (kg) | 10 | 12 | 29 |
| Maximum pressure (bar) | 8 | 8 | 8 |
| Recommended Regulator | Type 646 2 bar | Type 646 2 bar | Type 646 2 bar |

Standard Equipment

- 2 x Stak Jak in 1 kit
- 2 x 10m hose to BS EN 5774:2008 Type C
- 2 x Restraining straps

Optional Equipment

- 1 x Dual controller/ regulator
- Carrying valise

Material: Re-inforced Kevlar Cord

Standards: prEN 13731

Guarantee: 1 year



PowerMat

The Powermat is a heavy duty, high pressure lifting cushion designed primarily for lifting vehicles and objects in emergency situations.

Deflated, the Powermat has a very slim profile making it suitable for use in restricted or awkward spaces and compact to store.

Available in 13 standard sizes with maximum lifting capacities from 1 tonne right up to 68 tonne.

The Powermat inflates rapidly offering an instant lift. The most convenient source of air supply for inflation is a BA cylinder or scuba bottle, alternatively a compressor, factory air-line supply and a truck air brake supply.

Due to its rapid response capability the Powermat is ideally suited to emergency rescue situations, however it is an exceptionally versatile piece of equipment that also has applications in USAR, industry, mining, railroad construction/maintenance and the armed forces.

- Lightweight, can be carried by one person
- Durable construction
- Lift, shift and move objects weighing up to 68 tonne
- Slimline for restricted space and compact storage
- Low maintenance
- Safety lock coupling



Technical information

| | KL1 | KL3 | KL6 | KS11 | KL12 | KS20 | KL24 | KL24L | KS29 | KL33L | KL40 | KS54 | KS68 |
|---------------------------------------|------|------|------|------|------|------|------|-------|------|-------|-------|-------|------|
| Maximum lift (tonne) | 1 | 3 | 6 | 11 | 12 | 20 | 24 | 24 | 29 | 33 | 40 | 54 | 68 |
| Width (cm) | 14 | 20 | 30.5 | 38 | 35 | 51 | 53 | 30 | 61 | 36 | 68 | 86 | 95 |
| Length (cm) | 13 | 25.5 | 38 | 38 | 56 | 51 | 63 | 100 | 61 | 115 | 78 | 86 | 95 |
| Inflated height (cm) | 7.5 | 12 | 16.5 | 20.8 | 17.5 | 28 | 28 | 17.5 | 35.3 | 20 | 37.5 | 46 | 52 |
| Deflated height (cm) | 2.2 | 2.2 | 2.2 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Air capacity at 8 bar (litres) | 2.7 | 15.8 | 39 | 84 | 95 | 208 | 297 | 216 | 390 | 420 | 675 | 1120 | 1450 |
| Weight (kg) | 0.49 | 1.35 | 2.41 | 4.11 | 5.68 | 7.3 | 9.58 | 8.43 | 10.5 | 11.67 | 15.26 | 21.08 | 26 |

Materials: Kevlar Cord Re-inforced
 Guarantee: 1 year
 Standards: prEN 13731

Optional Equipment

- Controller / Regulator
- 2 x 10m hose to BS EN 5774:2008 Type C
- Carrying handles



AirliftCushions

MFC Survival offer a comprehensive range of low pressure Airlift cushions designed primarily for the recovery of vehicles.

Invaluable at the scene of a road traffic incident or light aircraft crash, the Airlift cushions provide an exceptionally strong and steady lift to stabilize a vehicle and improve access to casualties. Depending on the circumstances these lifting cushions may also be used in the rescue of animals or to raise submerged vehicles and small craft as well as many other heavy objects.

Airlift cushions have a large contact area, which means they uniformly distribute lift pressure across a large surface area, making them suitable for lifting at weak points of a vehicle such as the roof, sides, wings, bonnet and boot.

Made from exceptionally strong and durable materials, Airlift cushions include a non-slip surface to ensure the cushions stay in place throughout the lift.

- Versatile - many different possible applications
- Webbing loops assist with lifting and positioning the cushions, and can be used as anchorage points.
- Robust and long lasting
- Lightweight to carry and quick to set up – rapid inflation by compressed air cylinder or compressor
- Hose for connection to air controller featuring series 25 safety lock couplings
- Large lift capacity and height
- Controlled deflation capability



A-D Series

| TYPE | A | B | C | D |
|-----------------------------------|-----------------------|---------|---------|---------|
| Material | Neoprene Coated Nylon | | | |
| Air pressure | 0.5 bar | 0.5 bar | 0.5 bar | 0.5 bar |
| Cushion diameter (cm) | 61 | 76 | 91 | 122 |
| Lift at max pressure (kg) | 1488 | 2325 | 3347 | 5951 |
| Inflated height (cm) | 43 | 59 | 61 | 100 |
| Deflated height (cm) | 5 | 5 | 5 | 10 |
| Packed weight (two cushions) (kg) | 30 | 34 | 45 | 50 |
| Air required (litres) | 222 | 450 | 673 | 1900 |

AK-DK Series

Manufactured from tough and durable Kevlar

| TYPE | AK | BK | CK | DK |
|-----------------------------------|------------------------|-------|-------|--------|
| Material | Neoprene Coated Kevlar | | | |
| Air pressure | 1 bar | 1 bar | 1 bar | 1 bar |
| Cushion diameter | 61 | 76 | 91 | 122 |
| Lift at max pressure (kg) | 2976 | 4650 | 6694 | 11,902 |
| Inflated height (cm) | 43 | 59 | 61 | 100 |
| Deflated height (cm) | 5 | 5 | 5 | 10 |
| Packed weight (two cushions) (kg) | 30 | 34 | 45 | 50 |
| Air required (litres) | 295 | 620 | 900 | 3010 |

Standard equipment

- Repair kit
- Safety lock couplings

Optional equipment

- Delivery Hose
- Valise
- Controller/regulator (A-D 0.5 bar, Ak-Dk 1 bar)



AMSLiftingBags

The AMS lifting bag system has been designed and manufactured to lift or recover large commercial or military aircraft and are supplied to airport authorities, airlines, and the military worldwide.

The lifting bags provide an exceptionally strong and steady lift to stabilize an aircraft whilst being recovered. The bags have a very flat surface and can cover a larger surface area on the craft. This flat design allows them to be stacked on top of one another to allow the aircraft to be raised at a higher level.

There are three standard sizes of airbags, although smaller sizes are available to meet specific needs. The 26 tonne, 30 tonne and 40 tonne standard lifting bags are suitable for almost every recovery scenario

- Suitable for majority of aircraft recovery scenarios
- Can offer bespoke solutions
- Neoprene coated reinforced fabric
- Lightweight
- 4 carrying handles
- Three standard sizes to lift 26, 30 or 40 tonnes
- Pressure Relief Valve on each airbag
- Aircraft recovery manual approved
- Boeing and airbus ARM/ARD compliant

Each lifting bag is fitted with a pressure relief valve to stop over-inflation and also a non-return valve to stop the airbag deflating when the hose is taken out.

The lifting bags can come in three forms which are; single element, modular and multi-stack.



- The single element is able to lift to a maximum height of 200mm but they can also be stacked 15 high to allow the aircraft to be lifted to a maximum of 3m high.
- The modular is made up of three lifting bags that are permanently joined together. They can be used individually or stacked 5 modules high to reach 3m.
- The multi-stack airbags are also made of single elements combined together but usually about 12 or 15 to reach a height of 3m.

Technical Information

| | 26 Tonne | 30 Tonne | 40 Tonne |
|--------------------|----------|----------|----------|
| Length (m) | 2.7 | 3.2 | 4.2 |
| Width (m) | 2.2 | 2.2 | 2.2 |
| Height (mm) | 200 | 200 | 200 |
| Weight (kg) | 18 | 20 | 26 |
| Air Pressure (bar) | 0.5 | 0.5 | 0.5 |

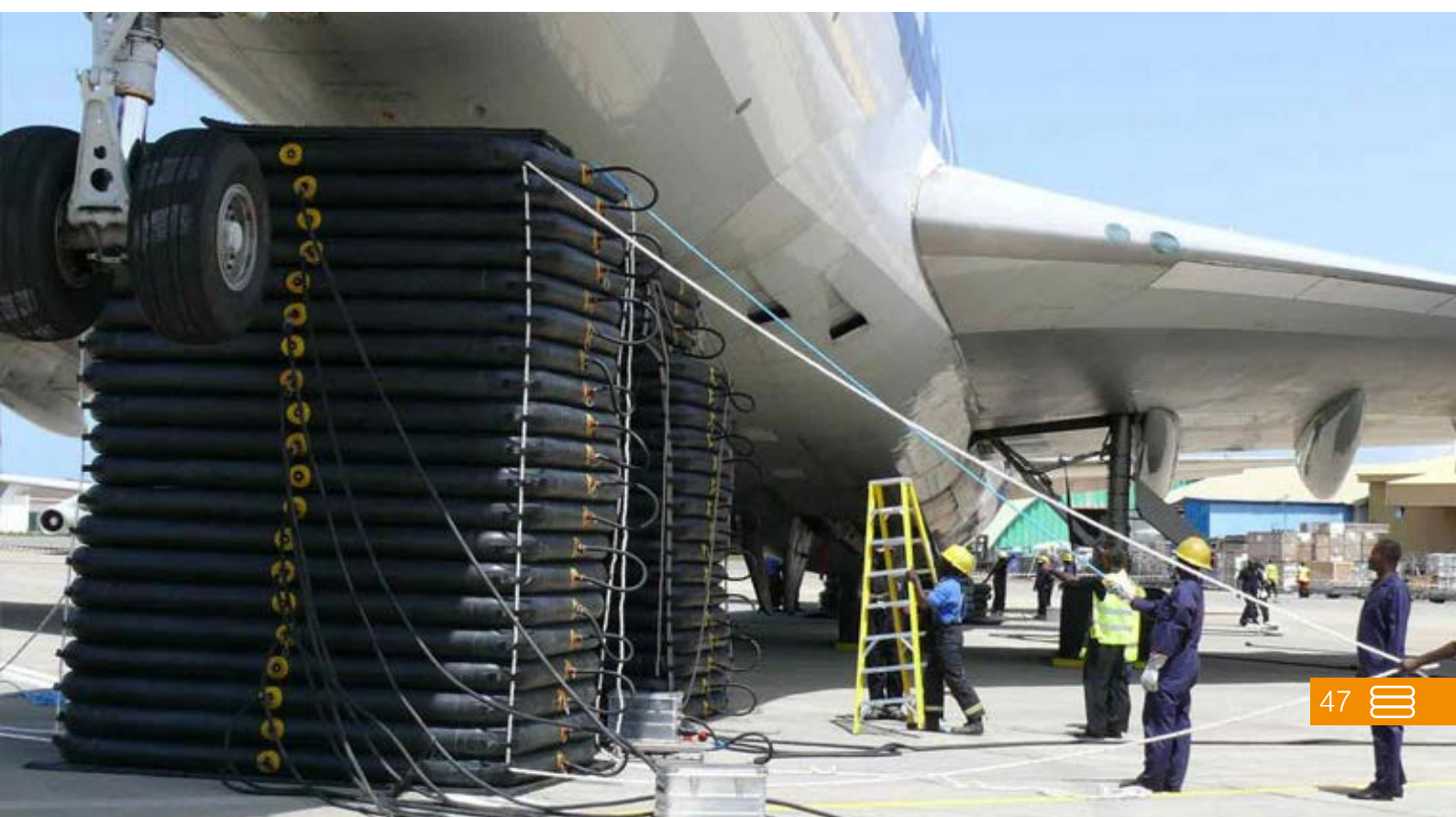
Contact AMS Aircraft Recovery Ltd for more details:

AMS Aircraft Recovery Limited

Farnborough Airport, The Hub, Fowler Avenue, Farnborough Business Park, Farnborough. GU14 7JF

Telephone: 020 3289 9320

Email: info@aircraft-recovery.co.uk



Water Storage

PillowTanks

Inflatable Reservoirs



Pillow Tanks

MFC Survival's range of Pillow Tanks provide a robust and quickly deployable solution for the storage and transportation of water.

Manufactured with integrated handles and lifting points on larger sizes, MFC Survival Pillow Tanks are designed to be as easy as possible to transport when full. They come complete with restraining straps to limit movement during transportation and are suitable for use on various different vehicles, including on the back of a 4x4. When empty the Pillow Tank collapse down for compact storage and can be carried by 1-2 people.

Constructed from exceptionally strong and durable material, Pillow Tanks provide a reliable solution for temporary or long term water storage.

They are very quick and straightforward to deploy and can be manufactured for portable drinking water, making them ideal for use in disaster relief situations.

MFC Survival Pillow Tanks are available in a full range of sizes and colours, and we offer a wide variety of fittings for filling and emptying the tanks. If you have specific requirements we are confident we can meet your needs.

- Quick and easy to deploy
- Robust and durable
- Portable and lightweight
- Available for potable water
- Can be used for the storage of waste water
- Suitable for all climates
- Fully customisable design



Technical Information

| NOMINAL CAPACITY (litres) | FULL DIMENSIONS LxWxH (cm) |
|------------------------------|-------------------------------|
| 250 | 90 x 80 x 35 |
| 400 | 117 x 75 x 53 |
| 500 | 117 x 95 x 53 |
| 1000 | 150 x 150 x 55 |
| 5000 | 400 x 225 x 57 |
| 10,000 | 510 x 220 x 100 |

Available for portable water

Other sizes are available, please contact us on
01443 433075.

Standard Equipment

- 50mm Inflate/Deflate Ball Valve
- Repair kit

Optional

- Groundsheet
- Carry handles
- Carrying valise



InflatableReservoir

Inflatable Reservoirs are a simple, quickly deployable solution for the storage of water and other liquids. Ideal for rapid response emergency situations, these Reservoirs can be transported to the scene and set up easily, providing an immediate storage container.

Filling the Reservoir is quick and easy; a flotation collar around the rim is inflated using a compressed air cylinder, hand pump or compressor. As water is then pumped into the Reservoir this collar will automatically lift the sides of the tank with the rising water level, creating a fully self-supporting water storage solution in minutes.

With no structured frame the Reservoirs are lightweight and compact to store when empty and come supplied in a strong carrying valise. They require minimal ground preparation before use and an additional ground sheet is provided for use where necessary.

The Reservoirs are constructed from exceptionally durable heavy duty material, making them tough and reliable time after time. In addition, Reservoirs are very low maintenance, they are easy to clean, and straightforward to repair using the kit provided. As well as emergency and disaster response situations, these Reservoirs are extremely useful for the containment of water, foam concentrates, chemical spillage waste and much more

- Crease removing straps incorporated
- Different sizes and colours available
- Customer specific couplings for filling and discharge can be incorporated
- Includes in-built relief valve
- Suitable for every climate
- Optional cover available to prevent evaporation and contamination
- Suitable for one-off use as temporary waste water



Inflatable Reservoir

Technical Information

| | Diameter (cm) | Height (cm) | Capacity (litres) | Tube Pressure(bar) | Air Requirements (Litres) | Recommended Regulator |
|---|---------------|-------------|-------------------|--------------------|---------------------------|-----------------------|
| Glued Reservoir (weight and packed dimensions depend on couplings selected) | | | | | | |
| 1000 | 150 sq. | 60 | 1000 | 0.2 | 226 | Type 646 2 bar |
| 1350 | 180 x 150 | 60 | 1350 | 0.2 | 250 | Type 646 2 bar |
| 2300 | 210 | 100 | 2300 | 0.2 | 153 | Type 646 2 bar |
| 2500 | 210 | 112 | 2500 | 0.2 | 153 | Type 646 2 bar |
| 3000 | 230 | 112 | 3000 | 0.2 | 178 | Type 646 2 bar |
| 6800 | 330 | 112 | 6800 | 0.2 | 297 | Type 646 2 bar |
| 8000 | 350 | 120 | 8000 | 0.2 | 331 | Type 646 2 bar |
| 9500 | 350 | 135 | 9500 | 0.2 | 331 | Type 646 2 bar |

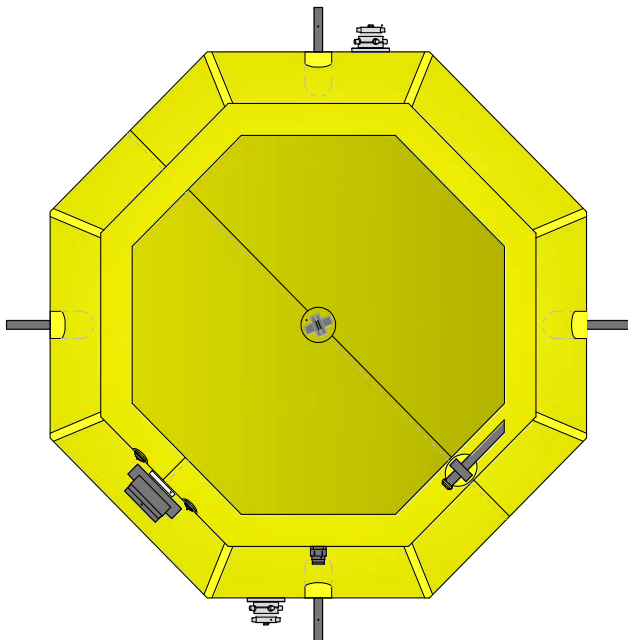
Note: Other Reservoir sizes may be produced to order.

Standard Equipment

- Inflatable collar
- Inflate/deflate valve
- Relief valve
- Lifting ring
- 4 crease removing straps
- Hose retaining strap
- Storage pocket
- Repair kit
- Inflation hose

Optional Equipment

- Carrying valise
- Manual pump
- Fill & discharge couplings
- Cover
- Ground sheet
- Lettering/logos



6800ltr Reservoir

Controllers & Regulators |

Controllers

Regulators, Adaptors & Hoses



Dual Controllers

The MFC Survival Type 530/855 Dual Controller is a robust and long-lasting dual controller designed to offer total protection for components vulnerable to damage. This high spec controller is ideal for use with two high or low pressure lifting cushions, giving independent control to both cushions.

It has three-positional lever actuated control valves allowing for controlled inflation and deflation, and is supplied with a spring loaded “deadman” automatic return-to-off control.

- 0.5, 1 or 8 bar
- Steel housing with inlet/outlet ports
- Spring loaded relief valves
- Supplied with connection hose
- Adjustable carry handle/shoulder strap
- Supplied in plastic carry case



Regulators Adaptors & Hoses

Type 646 Single Stage Regulator

- Manufactured to BS 7650
- Output preset at ½, 1 or 2 bar
- Complete with padded storage box

Type 855 Single Stage Regulator

- Manufactured to BS 7650
- Output pre-set at 8 bar (125 psi)
- Optional padded storage box



Regulator Outlet Pressure Hose

- Available in 2, 3 and 5m lengths
- Comes complete with couplings
- Bright yellow colour to avoid tripping hazard
- Manufactured from reinforced PVC
- Hose to BS EN 5774:2008 Type C



High Pressure Delivery Hose

- Available in 5 and 10m lengths
- Comes complete with couplings
- Available in red and green (allowing for left and right colour coding with dual controllers)
- Manufactured from reinforced PVC
- Hose to BS EN 5774:2008 Type C



Y Adaptor

- 8 bar (125 psi) relief valve
- Non-return safety lock coupling
- Suitable for use with Powermats and Stak Jaks
- Allows for disconnection of the delivery hose



Servicing & Maintenance

Servicing&Maintenance

Bespoke design



Servicing&Maintenance

At MFC Survival we offer comprehensive product support from our ServiceTech servicing division. With a dedicated department of head office staff, and a team of in-field customer support engineers based across the country, we are fully capable of meeting all your service and maintenance requirements.

Within our servicing framework we can test, repair and service the following product groups:

- Controllers and regulators
- Low and high pressure lifting cushions
- Life jackets
- Water storage equipment
- Water rescue equipment
- Rapid response shelters
- Other inflatable and textile products

We are acutely aware that downtime incurred to service and repair products can cause significant disruption from services being off-line. As such we strive to uphold a prompt and efficient service at all times, and keep customers fully informed with where their product is in the service procedure and when it will be back on line.

To achieve this we operate a process allocating customers with a unique identification reference. Order acknowledgments are always supplied, and customer service staff are available to respond to any query. We also pursue an active policy of customer follow-up to monitor response to our service and facilitate ongoing improvement. With our full package of service and support you can be confident you will receive professional, first class service for as long as you require.

Servicetech are also able to service Respirex PPE and RPE are the only authorised service agents for Respirex and MFC products.



Car Simulator

The aim of this project was to create an inflatable 'life like' car training simulator for a local fire service.

The simulator replicated a car that would be sinking in a lake or river etc. The reason behind the need for this type of product was so that if this emergency actually occurred they would have the relevant and correct training needed to carry out a rescue operation.

The simulator was designed to allow the fire crew to pull out victims from inside the inflatable car from the rear window. The reason for this was because in a real life emergency this would be the easiest way to retrieve victims from the vehicle.



Smoke Shelter

This was a project for the Mid and West Wales fire service. The aim of this product was to design and manufacture a shelter that would be able to simulate the conditions of a fire inside a house or a building.

This project was mainly aimed towards school children, the reason for this was so that they could be warned of the dangers of smoking and leaving cooking unattended. It was also to show them how hard it would be to escape in the dark.

Inside the inflatable shelter was a smoke machine and a series of channels that acted like different rooms within the house/building. The children would be expected to crawl on their hands and knees and they would have to enter and exit in the opposite sides.





mfcSurvival

by RESPIREX

innovation in SAFETY + SURVIVAL



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