



**MFC**International

by RESPIREX

ENGINEERED INFLATABLE PRODUCT SOLUTIONS



# PRODUCT CATALOGUE

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# RESCUE SLED



The RS series Rescue Sleds are flood water rescue craft for inshore crisis rescues and flooded urban and coastal areas. The Rescue Sled is available in five standard sizes 3, 5, 6, 10 & 15 person. The 3, 5 & 6 person sleds are ideal for swift-water and narrow access rescue.

The 10 & 15 person sleds are wider with a larger floor area and corresponding load capacity and are more suited for emergency evacuation situations.

## FEATURES

- Lightweight and easily portable
- Easy to manoeuvre
- Can be paddled or pulled by hand
- Exceptionally Stable
- Can be used in shallow water from 5cm in depth
- Open low stern makes casualty recovery easier
- Easily used by wheelchair users
- Individuals can sit on the floor surrounded by the inflated tubes, providing a 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
- Multiple D-rings for towing and line control

- Lifelines fitted down each side
- Carrying handles (x5)
- Minimal training, servicing and maintenance costs

## USED FOR

- Crisis rescue
- Flood rescue
- River rescue
- Flooded coastal and urban areas
- Casualty recovery
- Shallow water rescue

## MATERIAL OPTIONS

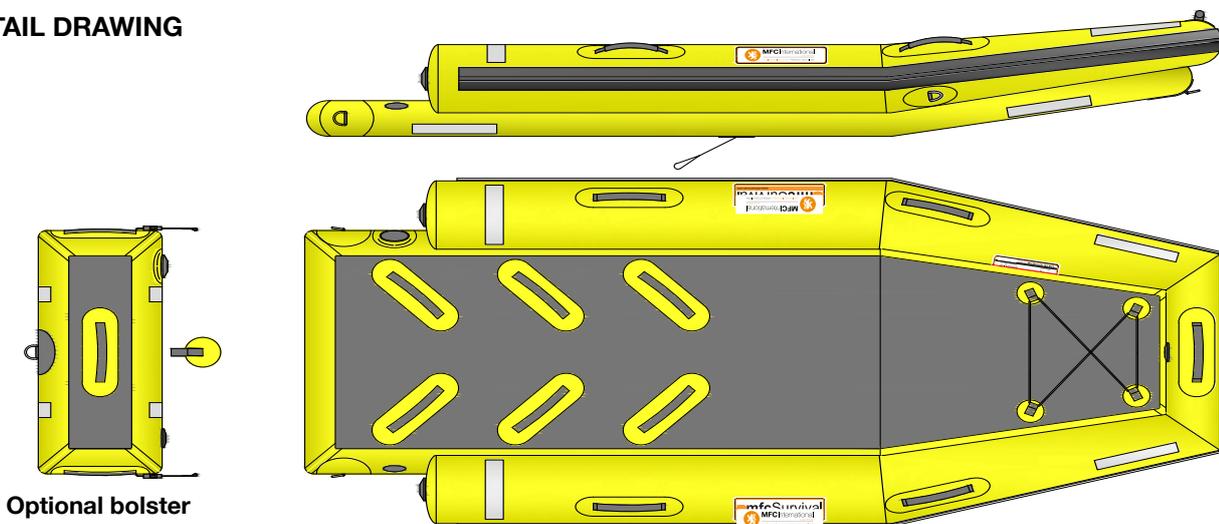
- Hypalon (glued construction)
- TPU (welded construction)

# RESCUE SLED

## TECHNICAL DATA

	RS3	RS5	RS6	RS10	RS15
Product Code - Hypalon	WR0001	WR0002	WR0169	WR0003	WR0005
Product Code - TPU	WRW0001/01	WRW0002/01	WRW0169/01	WRW0003/01	WRW0005/01
No. of Persons	3	5	6	10	15
O.A Length (cm)	256	331	397	400	500
O.A Width (cm)	117	117	117	190	231
O.A Height (cm)	40	40	40	56	77
Floor Thickness (cm)	12.5	12.5	12.5	12.5	12.5
Tube Diameter Bow/Stern (cm)	23/15	23/15	23/15	35/23	46/23
Max. Load (kg)	240	400	480	800	1200
Working Pressure (bar)	0.2	0.2	0.2	0.2	0.2
No. of chambers	1 + floor	1 + floor	1 + floor	4 + floor	4 + floor
Air Requirements (ltr)	530	670	710	2000	3800
Pack Size (cm)	88 x 35 x 30	88 x 35 x 30	88 x 35 x 30	88 x 55 x 35	90 x 70 x 52
Est. Weight (kg) - Hypalon / TPU	17 / 15	19.5 / 17.5	20.5 / 18.5	35 / 31	50 / 45
Valise Code (included)	590018	590018	590018	590004	590011
Recommended Regulator	8 Bar				

## DETAIL DRAWING



## STANDARD EQUIPMENT

- Valise (see above for codes)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)
- Asymmetric three-piece 230cm kayak paddle, 30mm Ø shaft, with 709 cm<sup>2</sup> blade area with Dural shaft and HDPE blades, 1.4kg (190002)



## OPTIONS AND ACCESSORIES

- Rear bolster (Hypalon: WR9088, TPU: WRW9088/001)
- T-handle paddles (190003)
- Stowage pocket (Hypalon: 530070, TPU: 530070/001)
- Customer logo (LETTERING)
- Inflation pumps (various options, see page 28)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)

# EVACUATION RAFT



Fully inflatable, the Evacuation Raft is lightweight and portable. It is easy to manoeuvre, and can be paddled or pulled by hand. The Evacuation Raft has a flat bottom, making it exceptionally stable and suitable for use in very shallow water from 50mm in depth. The Evacuation Raft is ideal in flood rescue situations.

The closed stern has been designed to give rescued casualties an enhanced feeling of security when on board the raft.

Once in the raft, individuals can sit on the floor surrounded by the inflatable tubes, providing a comfortable and reassuring rescue environment.

The Evacuation Raft is available in two standard sizes; RS8ER & RS10ER which will fit either 8 or 10 people. Evacuation Rafts have a large floor space and load capacity, making them the perfect choice for emergency evacuation and flood rescue situations.

## FEATURES

- Lightweight and easily portable
- Easy to manoeuvre
- Can be paddled or pulled by hand
- Exceptionally Stable
- Can be used in shallow water from 5cm in depth
- Closed stern to keep the deck dry and provides greater reassurance for casualties.
- Rapid inflation and deployment
- Easily Launched into the surf zone for sea rescue, with a raised bow for improved performance in waves
- Exceptionally tough and durable
- Minimal training, servicing and maintenance costs

## USED FOR

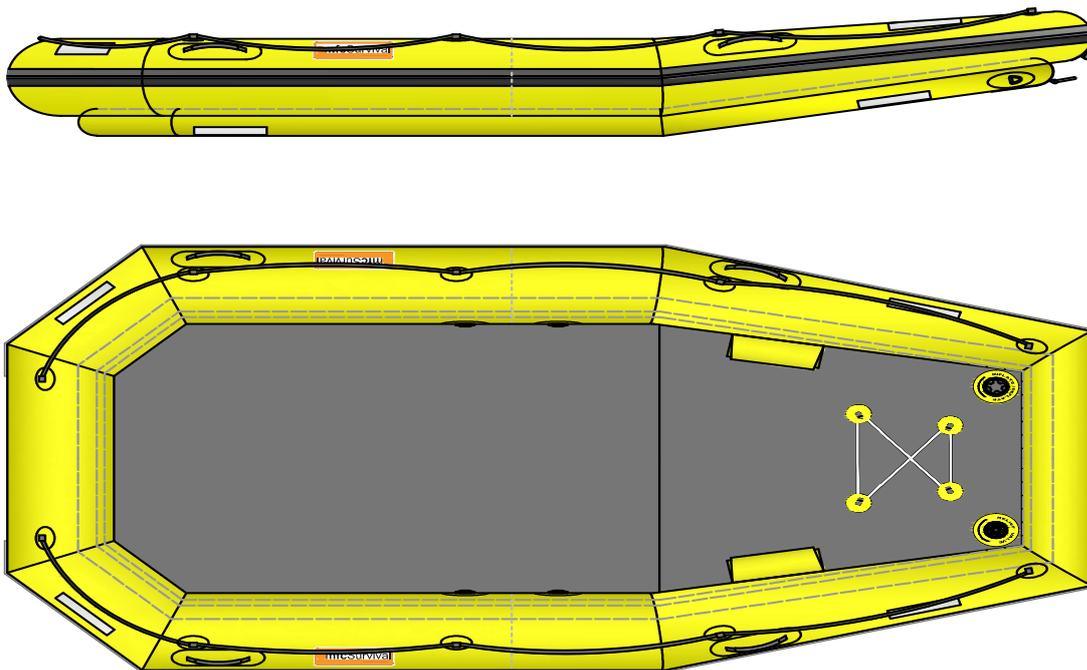
- Crisis rescue
- Flood Rescue
- River Rescue
- Flooded coastal and urban areas
- Casualty Recovery
- Shallow Water rescue

# EVACUATION RAFT

## TECHNICAL DETAILS

	RS8ER	RS10ER
Product Code	WR0212	WR0214
No. of persons	8	10
Length (cm)	350	400
Width (cm)	190	190
Height (cm)	56	56
Max. Load (kg)	820	950
Working pressure (bar)	0.2	0.2
Air Requirements (ltr)	1815	2000
Pack size (cm)	88 x 50 x 33	88 x 55 x 35
Weight (kg)	26	35
Valise Part Number	590010	590001
Recommended regulator	8 bar	8 bar

## DETAIL DRAWING



## STANDARD EQUIPMENT

- T-handle paddles (190003)
- Valise (see above for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (600001)

## OPTIONS AND ACCESSORIES

- Load securing D-rings
- Paddle retainer
- Stowage pocket (Hypalon: 530070, TPU: 530070/001)
- Customer logo (LETTERING)
- Inflation pumps (various options, see page 28)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)

# RSW RESCUE SLED



The RSW Rescue Sled is fitted with extended tubes which provide its unique design. Based on the design of the standard Rescue Sled, it provides options for rescuing casualties from difficult situations such as weirs.

Its design allows casualties to be pulled aboard through the wrap-around tubes, which provide protection and also stability when in the water.

The sled can be inflated by using a hand pump or via a compressed air cylinder, with a regulator and inflation hose.

## FEATURES

- Exceptionally tough and durable
- Easily launched into the surf zone for sea rescue, with a raised bow for improved performance in waves
- Rapid inflation and deployment
- Opening at either end for easy access and self-bailing
- Minimal training, servicing and maintenance costs
- D-rings front and rear for towing and line control
- Multiple carry & grab handles
- Grab-line

## USED FOR

- Crisis rescue
- Flood rescue
- River rescue
- Flooded coastal and urban areas
- Casualty recovery

## MATERIAL OPTIONS

-  Hypalon (glued construction)
-  TPU (welded construction)

# RSW RESCUE SLED

## TECHNICAL DATA

## RSW Rescue Sled

Product Code - Hyaplon 	WR0244
Product Code - TPU 	WRW0244
No. of Persons	6
Length (cm)	500
Width (cm)	120
Internal Width (cm)	75
Floor Height (cm)	12.5
Tube Diameter (cm) - Ends	23
- Sides	45
Working Pressure - Buoyancy	0.2 bar
- Floor	0.4 bar
Max. Load (kg)	850
Air Requirements (ltr)	2000
Packed Size (cm)	80 x 40 x 35
Packed Weight (kg)	31.5
Valise Part Number	590010

## SUPPLIED WITH

- Valise (see above for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)

## OPTIONS

- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)
- Extra handles and 'D' rings
- T-handle paddles (190003)
- Stowage pocket
- Paddle retainer
- Customer logo (LETTERING)

# MULTI-FUNCTION CRAFT



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 two or four stroke short shaft outboard motors up to 30hp (max engine weight 65kg), the twin keel design of the Multifunction Craft means that they are stable and highly manoeuvrable. Without a motor fitted the craft can be towed or line controlled. The low pack weight allows the craft to be carried by a two or three man team (depending on the model) to a suitable launch point.

Ideal for urban or rural flood evacuation and the movement of personnel, equipment or supplies, the large flat deck allows up to 14 people, or one tonne of equipment, to be carried (MFC5000 model).

Depending on the outboard engine the flat-bottomed design and shallow draft make the craft suitable for use in shallow waters from approximately 40cm deep. Without the motor an empty Multifunction Craft will float in 10cm 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.

## FEATURES

- Can be deflated and stored in a carrying valise. The boat, motor and the crew PPE equipment will fit in the back of a small van, therefore no need for a trailer, can be carried by 2-3 people
- Rapid inflation and deployment (less than 5 minutes)
- Fitted with central bow towing point and bridal attachment points. Additional towing points are fitted onto the transom
- The large usable deck area allows up to 14 people or one tonne of equipment to be carried (MFC5000)
- The comfortable Inflatable deck reduces crew fatigue compared with boats with rigid decks
- The flat front provides easier bow boarding and a greater usable interior space
- Self-filling/draining water ballast chambers on the outboard side of each keel help to increase low speed lateral stability in choppy waters and act as counterbalance when recovering a casualty over the side tube.
- Twin keel design produces minimal wake, reducing potential damage to river banks and offers excellent manoeuvrability
- Minimal training, servicing and maintenance costs

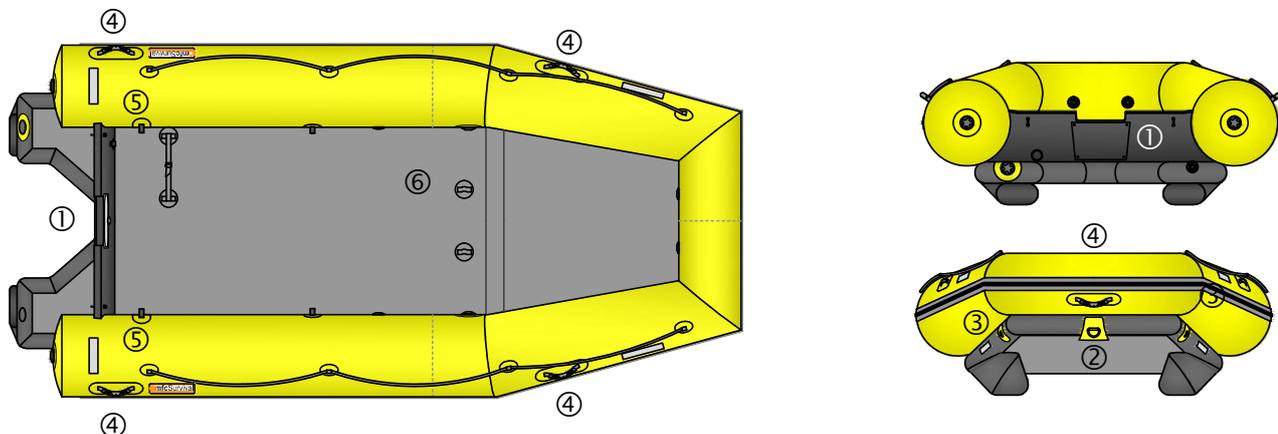
## USED FOR

- River rescue
- Coastal and urban flood recovery
- Casualty recovery
- Shallow water rescue

# MULTI-FUNCTION CRAFT

TECHNICAL DATA	MFC4000	MFC4500	MFC5000
Product Code	WR0206	WR0207	WR0208
No. of persons	10	12	14
Length (cm)	400	450	500
Width (cm)	200	217	217
Height (cm)	84	84	84
Tube Diameter (cm)	48	48	48
Working Pressure - Tube (bar)	0.2	0.2	0.2
Working Pressure - Floor (bar)	0.4	0.4	0.4
Max. Load (kg)	800	960	1050
Air Requirements (ltr)	2900	3300	3500
Pack size (cm)	140 x 50 x 35	165 x 55 x 35	165 x 55 x 35
Weight (kg)	52	58	60
Recommended regulator	8 bar	8 bar	8 bar
Max Engine, Short Shaft (HP)	25/30	25/30	25/30
Max Engine weight (kg)	65	65	65
Valise Part Number	590025	590017	590017

## DETAIL DRAWING



## STANDARD EQUIPMENT

- ① Transom with motor clamp plate, towing u bolt & drain plug
- ② Front towing D-ring
- ③ Towing bridle attachment points
- ④ Carrying handles (x5)
- ⑤ T-handle paddles and retaining straps
  - Valise (see above for p/n)
  - 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
  - Repair kit (600001)

## OPTIONS AND ACCESSORIES

- Flexible fuel tank & attachment points
- T-handle paddles (190003)
- Grab handles
- Equipment stowage points
- Stowage pocket
- Customer logo (LETTERING)
- Inflation pumps (various options, see page 28)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)

# RESCUE CRAFT



The RC4000 Rescue Craft from MFC International is designed to meet the performance criteria 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 the rigid inflatable floor.

Used with a 2 or 4 stroke 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 for the crew to carry it to a suitable launch point.

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 inflatable rescue boat.

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

## FEATURES

- Suitable for use with 2 or 4 stroke short shaft outboard motors up to 30hp (max weight 65kg)
- Easy handling requires less crew effort
- Can be deflated and stored in a carrying valise. The boat, motor and the crew PPE equipment will fit in the back of a small van, therefore no need for a trailer, can be carried by 2-3 people
- Rapid inflation and deployment (less than 5 minutes)
- Fitted with central bow towing point and bridal attachment points. Additional towing points are fitted onto the transom
- The large usable deck area allows up to 10 people or 800Kg of equipment to be carried
- The flat front provides easier bow boarding and a greater usable interior space
- Wide beam gives excellent stability and increases floor area
- Self-filling/draining water ballast chambers on the outboard side of each keel help to increase low speed lateral stability in choppy waters and act as counterbalance when recovering a casualty over the side tube.
- Will operate in 10 cm of water without the motor fitted and can also be manoeuvred in shallow water by persons walking alongside
- With motor fitted it is suitable for use in shallow water >40cm (depending on the outboard engine)
- Twin keel design produces minimal wake, reducing potential damage to river banks and offers excellent manoeuvrability
- Internal control line rings are provided for use with the bow and stern towing points for tandem boat operations
- A high volume drain sleeve is fitted to the transom in addition to drain plug

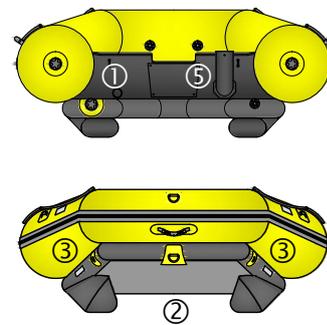
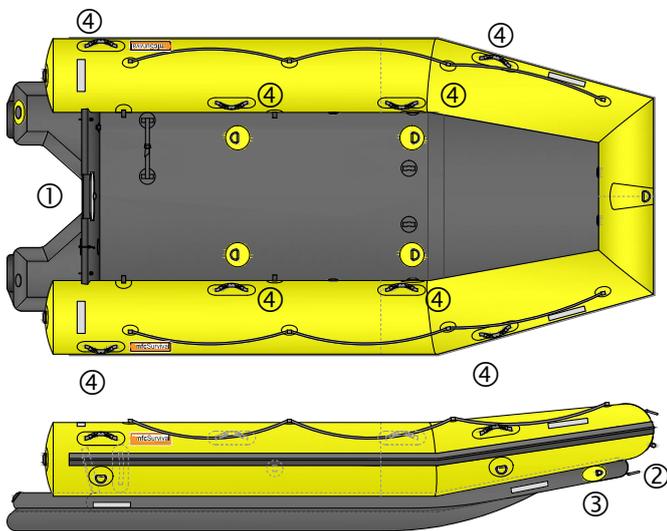
# RESCUE CRAFT

## TECHNICAL DATA

	RC4000
Product Code	WR0209
No. of persons	10
Length (cm)	400
Width (cm)	200
Height (cm)	84
Tube Diameter (cm)	48
Max. Load (kg)	800
Air Requirements (ltr)	3000

	RC4000
Working Pressure- Tube (bar)	0.2
Working Pressure - Floor (bar)	0.4
Pack size (cm)	140 x 50 x 35
Weight (kg)	53
Max Engine, Short Shaft (HP)	25/30
Max Engine weight (kg)	65
Recommended regulator	8 bar
Valise Part Number	590025

## DETAIL DRAWING



## STANDARD EQUIPMENT

- ① Transom with motor clamp plate, towing U bolt and drain plug
- ② Front towing D-ring
- ③ Towing bridle attachment points
- ④ Carrying handles (x5) and grab handles (x4)
- ⑤ Drain Sleeve and drain plug
- Towing U-bolts on transom
- T-handle paddles and retaining straps
- Valise (see above for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (600001)

## USED FOR

- River rescue
- Coastal and urban flood recovery
- Casualty recovery
- Shallow water rescue

## OPTIONS AND ACCESSORIES

- Flexible fuel tank & attachment points
- Equipment stowage points
- Stowage pocket
- Customer logo (LETTERING)
- Inflation pumps (various options, see page 28)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)

# AIRTRACK RESCUE PATH



The Airtrack is an inflatable rescue path used by the majority of the rescue services for accessing casualties during rescue on water, 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 15m in length. To span greater distances or for increased capacity, several inflatable paths can be connected using the optional 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 equipment.

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.

## FEATURES

- Lightweight and easily portable
- Inflated from a single point for speed of inflation and air transfer valves are fitted between the path and the sponsons to isolate the separate chambers
- Non-slip top surface
- Strong and durable for a long service life
- Dropstitch construction creates a firm flat surface to walk on
- Minimal training, servicing and maintenance costs
- Can be used as a temporary pontoon, rescue raft, platform or access path
- Available in a heavy duty Hypalon material for enhanced durability and long service life, or with a cost effective welded TPU construction

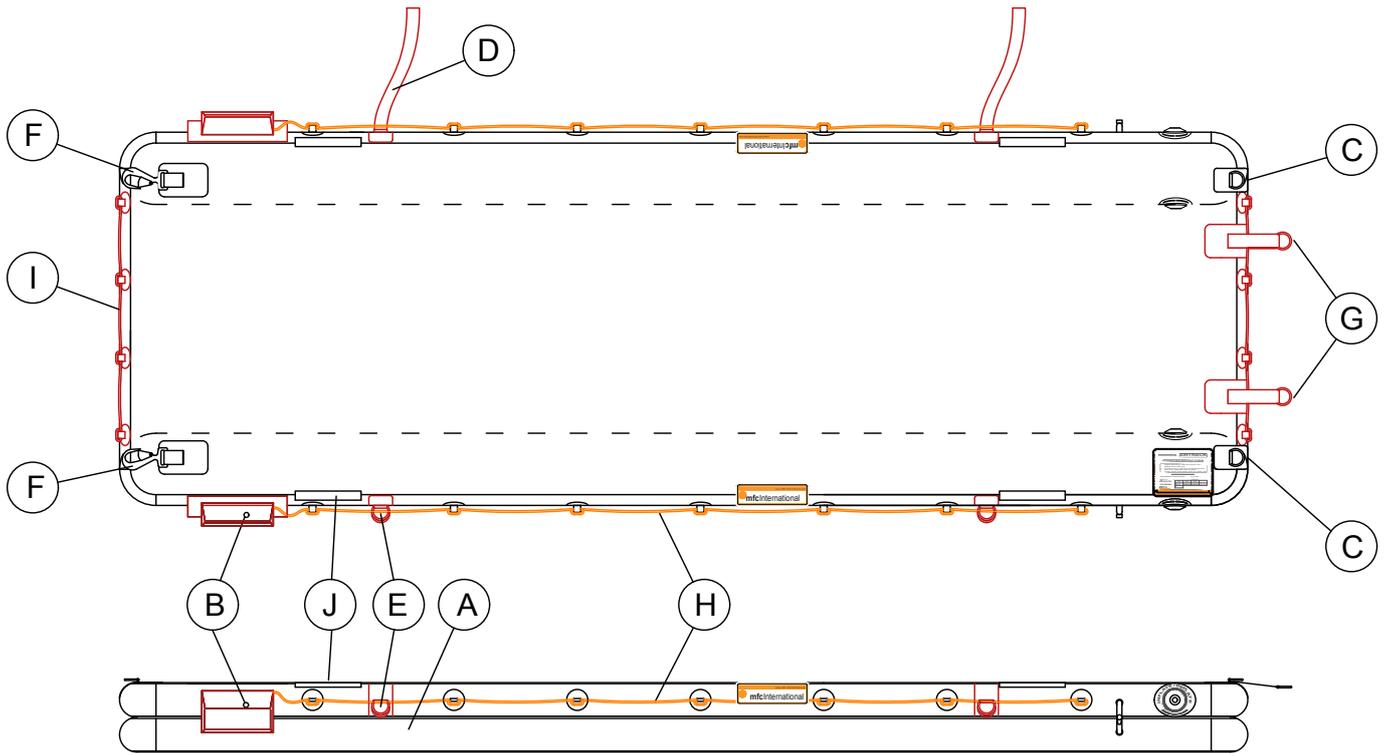
## OPTIONS

- Reflective tapes for night time visibility
- End to end connection (using joining hooks and D rings) allowing multiple Airtracks to be linked as a single path
- Side straps and D'rings allow Airtracks to be connected sideways to create a rescue raft
- Ground anchor points
- Stowage pockets (one each side) containing a rescue line and rubber ring
- Lifelines on the sides, and/or the ends
- Towing points

## USED FOR

- Mud rescue
- Flood Rescue
- River Rescue
- Ice Rescue
- Unstable Terrain

# AIRTRACK RESCUE PATH



## AIRTRACK COMPONENTS

Components in **red** are optional on TPU models



Storage pocket x2, with throw line & rubber quoit (side)



D-Ring patch x2 (end) - for joining Airtracks end to end



Side joining strap x2 - for joining Airtracks side to side



Side joining rings x2 - for joining Airtracks side to side



Joining hooks x2 (end) - for joining Airtracks end to end



Anchorage points x2 (end) - for anchoring Airtracks to the ground



Side grab line x2 (side)



End grab line x2 (end)



Reflective strips (quantity determined by Airtrack length)

# AIRTRACK RESCUE PATH

TECHNICAL DATA	2M	3M	4M	5M	10M
Product Code (Hypalon) 	WR0011	WR0012	WR0013	WR0014	WR0015
Product Code (TPU) 	WRW0011/01	WR0W012/01	WRW0013/01	WRW0014/01	WRW0015/01
Length (cm)	200	300	400	500	1000
Width (cm)	137	137	137	137	137
Height (cm)	25	25	25	25	25
Capacity (kg)	200	300	400	500	1000
Air Requirements (ltr)	640	960	1280	1600	3200
Pack Size (cm)	82 x 48 x 24	87 x 48 x 28	87 x 48 x 32	87 x 48 x 35	89 x 73 x 50
Weight (kg)	12	17	22	28	55
Recommended Regulator	8 bar				
Valise Part Number	590010	590010	590010	590010	590011

## SUPPLIED WITH

- Valise (see above for p/n)
- 1m delivery hose with D7 fitting  
(for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)

## OPTIONS

- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)
- Customer logo (LETTERING)

# INFLATABLE WALKWAY



The inflatable walkway used by rescue services for accessing casualties during rescue on water, ice and unstable terrain.

The walkway 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.

The walkway is available in various sizes, from 2 to 10m in length. To span greater distances or for increased capacity, several inflatable paths can be connected using the optional rapid extension link-up feature. Walkways can either be connected lengthways to extend the path, or sideways to create a rescue raft, making the walkway a truly versatile piece of water rescue equipment.

## FEATURES

- Lightweight and easily portable
- Non-slip top surface
- Dropstitch construction creates a firm flat surface to walk on
- Strong and durable for a long service life
- Can be used as a temporary pontoon, rescue raft, platform or access path
- Reflective tapes for night time visibility
- Grablines on the side run the length of the path
- End to end connection (using joining hooks and D rings) allowing multiple Airtacks to be linked as a single path
- Supplied in a durable valise for transport and storage

## MATERIAL OPTIONS

 Hypalon (glued construction)

 TPU (welded construction)

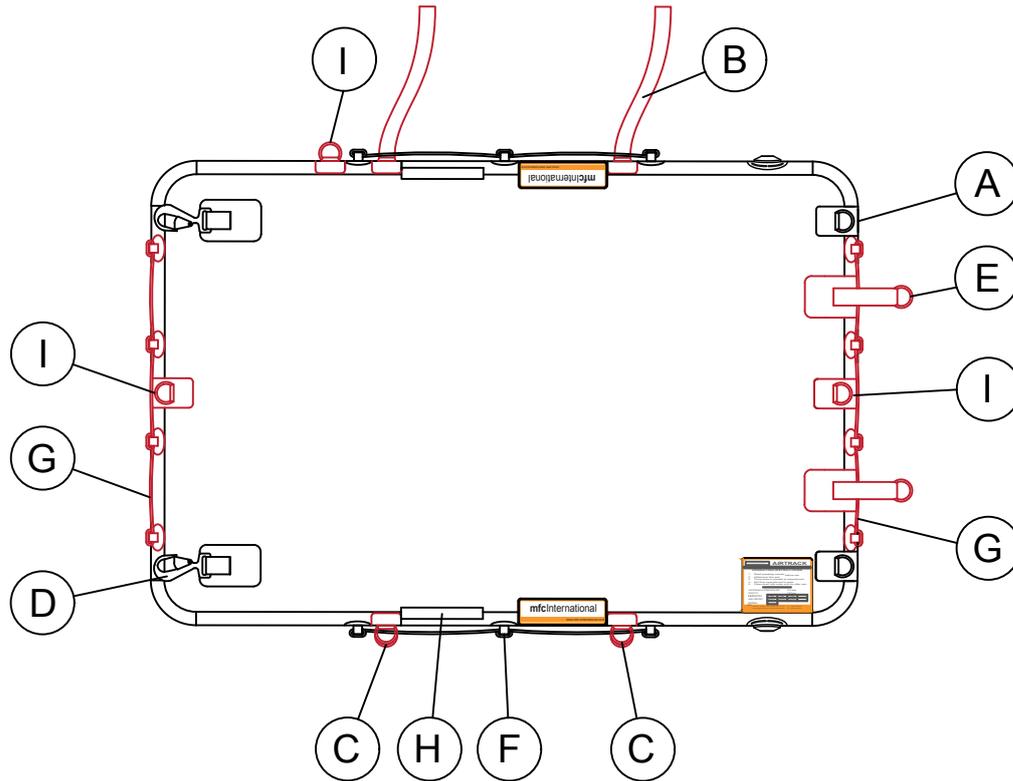
## OPTIONS

- Side straps and D'rings allow Airtacks to be connected sideways to create a rescue raft (standard on Hypalon models)
- Towing/positioning points (standard on Hypalon models)
- Anchoring points for fixing the track to the bank (standard on Hypalon models)
- Grablines on each end (standard on Hypalon models)

## USED FOR

- Flood Rescue
- River Rescue
- Ice Rescue
- Unstable Terrain

# INFLATABLE WALKWAY



## WALKWAY COMPONENTS

Components in red are optional on TPU models

A



D-Ring patch x2 (end) - for joining Walkways end to end

B



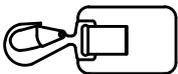
Side joining strap x2 - for joining Walkways side to side

C



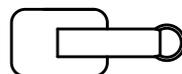
Side joining rings x2 - for joining Walkways side to side

D



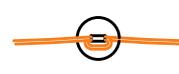
Joining hooks x2 (end) - for joining Walkways end to end

E



Anchorage points x2 (end) - for anchoring Walkways to the ground

F



Side grab line x2 (side)

G



End grab line x2 (end)

H



Reflective strips (quantity determined by Walkway length)

I



D-Ring patch x2 (end) - for positioning Walkways

# INFLATABLE WALKWAY

TECHNICAL DATA	2M	3M	4M	5M	10M
Product Code (Hypalon) 	WR0026	WR0027	WR0028	WR0029	WR0030
Product Code (TPU) 	WRW0026	WRW0027	WRW0028	WRW0029	WRW0030
Length (cm)	200	300	400	500	1000
Width (cm)	137	137	137	137	137
Height (cm)	12.5	12.5	12.5	12.5	12.5
Capacity (kg)	200	300	400	500	1000
Air Requirements (ltr)	480	720	960	1200	2400
Working Pressure	0.5 bar / 7psi				
Pack Size (cm)	82 x 48 x 24	87 x 48 x 28	87 x 48 x 32	87 x 48 x 35	89 x 73 x 50
Weight (kg)	9	13	16.5	21	41
Recommended Regulator	8 bar				
Valise Part Number	590010	590010	590010	590010	590011

## SUPPLIED WITH

- Valise (see above for p/n)
- 1m delivery hose with D7 fitting  
(for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)

## OPTIONS

- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)
- Customer logo (LETTERING)

# 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.

## FEATURES

- Stable and robust
- Rapid inflation and deployment
- Low pressure
- Lightweight and portable
- Designed to minimise the distress caused to the animal
- Smooth upper surface
- Minimal training, servicing and maintenance costs
- Choice of glued neoprene or welded TPU construction

## USED FOR

- Animal rescue
- Mud Rescue

## MATERIAL OPTIONS

-  Hypalon (glued construction)
-  TPU (welded construction)

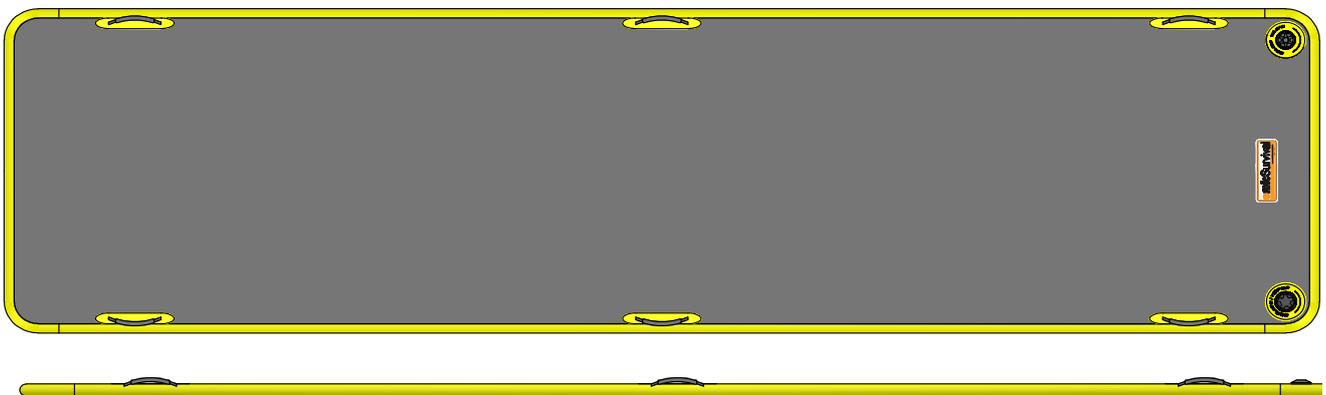
Community Design number: 001409809-0001 & 0002

# ANIMAL RESCUE PATH

## TECHNICAL DATA

		5M	10M
Product Code (Hypalon)	●	WR0195	WR0197
Product Code (Orange TPU)	●	WRW0195/01	WRW0197/01
Length (cm)		500	1000
Width (cm)		134	134
Height (cm)		6.7	6.7
Weight (kg)		15.5	30
Air Requirements (ltr)		455	910
Pack size (cm)		66 x 34 x 25	70 x 45 x 30
Working Pressure		0.2	0.2
Recommended regulator		8 bar	8 bar
Valise Part Number		590012	590013

## DETAIL DRAWING



## SUPPLIED WITH

- Carrying handles (x6)
- Valise (see above for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)

## OPTIONS

- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)

# RESCUE PLATFORM - RP3



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 operated behind a jet ski or with fast rescue craft, and is also 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 foot or hand pumps or a B.A. cylinder and regulator.

## FEATURES

- Lightweight and easily portable
- Exceptionally stable
- Can be paddled or line transferred
- Can be used in conjunction with the Rescue Craft
- Acts as a transfer platform
- Can be used with variety of rigid stretchers & spine boards
- Non Slip top surface
- Versatile
- Minimal training, servicing and maintenance costs

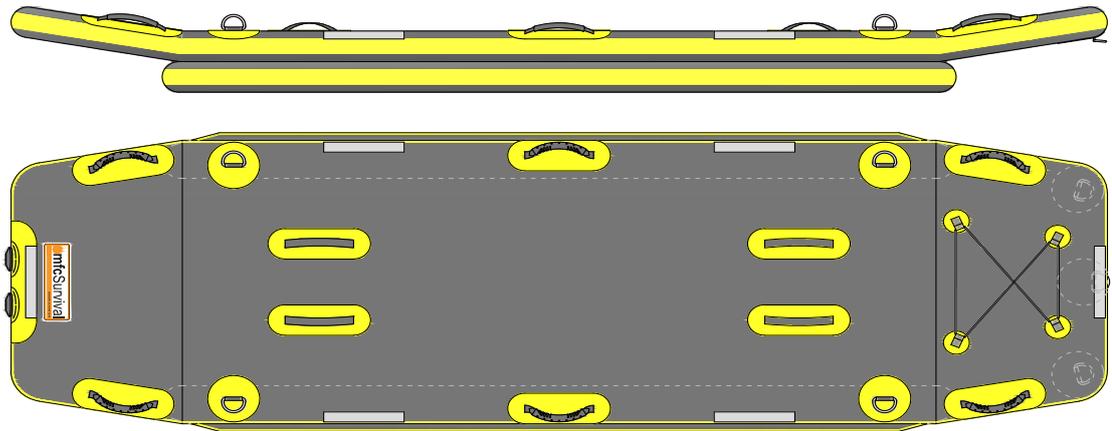
## USED FOR

- Crisis rescue
- Flood Rescue
- River Rescue
- Casualty Recovery
- Shallow Water rescue
- Casualty Transportation
- Transfer platform

# RESCUE PLATFORM - RP3

## TECHNICAL DATA

	RP3
Product Code	WR0007
No. of persons	3
Length (cm)	320
Width (cm)	98
Height (cm)	32
Max. Load (kg)	240
Air requirement (ltr)	570
Pack size (cm)	70 x 45 x 30
Weight (kg)	15
Working pressure (bar)	0.2
Recommended Regulator	8 bar
Valise Part Number	590013



## SUPPLIED WITH

- Kayak paddles
- Paddle retainer
- Carrying handles (x6)
- Grab handles (x4)
- Valise (see above for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (600001)

## OPTIONS

- T-handle paddles (190003)
- Customer logo (LETTERING)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)

# INFLATABLE STRETCHER



A lightweight inflatable stretcher used to transport casualties in any rescue scenario. The board can be packed down into a small backpack to make it easier for transportation.

The stretcher has been designed so that it is easy carry whilst in use, with three sturdy lifting handles located on either side of the product. The recovery board also has a multi-point quick release restraint harness for securing casualties during transport.

Ideal for casualty recovery in tight or difficult to reach areas its compact size means the stretcher can be easily stowed in a vehicle, boat, helicopter or aircraft.

The stretcher is inflated and deflated by a single valve using a BA cylinder or pump making it both quick and easy to deploy. The stretcher will comfortably accommodate adults up to 198cm (6'6") tall and 150kg (23.5st) in weight.

The inflatable stretcher is available manufactured in either durable Hypalon or lighter-weight TPU materials.

## FEATURES

- Lightweight and easily portable
- Compact
- Easy to deploy
- Ideal for casualty recovery in tight or difficult to reach areas
- Individuals are secured with a quick release restraint harness
- The recovery board will comfortably accommodate adults up to 198cm (6'6") tall and 150kg (23.5st) in weight.
- Minimal training, servicing and maintenance costs

## USED FOR

- Transport of Casualties
- Flood Rescue
- Mountain Rescue
- Casualty Recovery

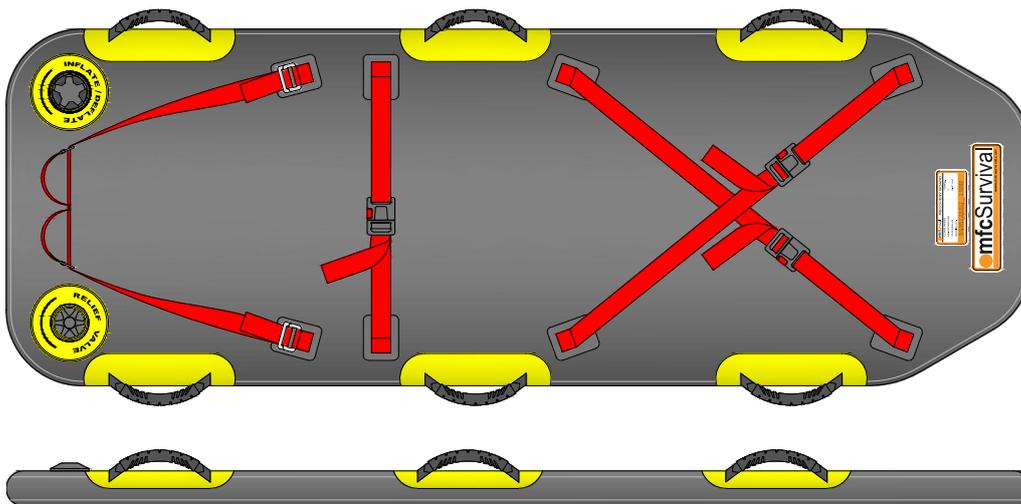
## MATERIAL OPTIONS

-  Hypalon (glued construction)
-  TPU (welded construction)

# INFLATABLE STRETCHER

	HYPALON STRETCHER	TPU STRETCHER
Product Code	● WR0196	● WRW0196
No. of persons	1	1
Length (cm)	204	204
Width (cm)	66	66
Height (cm)	6.7	6.7
Capacity (kg)	150	150
Air Requirements (ltr)	100	100
Pack size (cm)	35 x 35 x 18	35 x 35 x 18
Weight (kg)	7	6
Working Pressure (bar)	0.5	0.5
Recommended regulator	8 bar	8 bar
Rucksack Part Number	590038	590038

## DETAIL DRAWING



## SUPPLIED WITH

- Leg & Chest restraining straps
- Foot securing straps
- Carrying handles (x6)
- Rucksack (see above for p/n)
- 1m delivery hose with D7 fitting  
(for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)

## OPTIONS

- Customer logo (LETTERING)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)

# ALL TERRAIN STRETCHER - API

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The API Stretcher is a revolutionary rescue stretcher designed to provide safe handling of a casualty in an emergency rescue situation.

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 situations. When deflated, the API Stretcher is compact and 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 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.

The API 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.

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## FEATURES

- Ideal for casualty recovery in tight or of difficult to reach places
- Easily stowed on a vehicle, boat, helicopter or aircraft
- Can be carried, dragged or tobogganed over various terrains, including snow, sand, marsh and mudflats
- Can be lifted by a helicopter, hauled in the horizontal or vertical plane
- Supplied with an optional cover to provide all round protection from exposure
- Minimal training, servicing and maintenance costs

## USED FOR

- Mountain & alpine rescue
- Mud rescue
- Casualty recovery
- Shallow water rescue

## CERTIFICATION

Optional Lifting Sling is Certified to: EN354:2010(E) & Connectors: EN362:20014

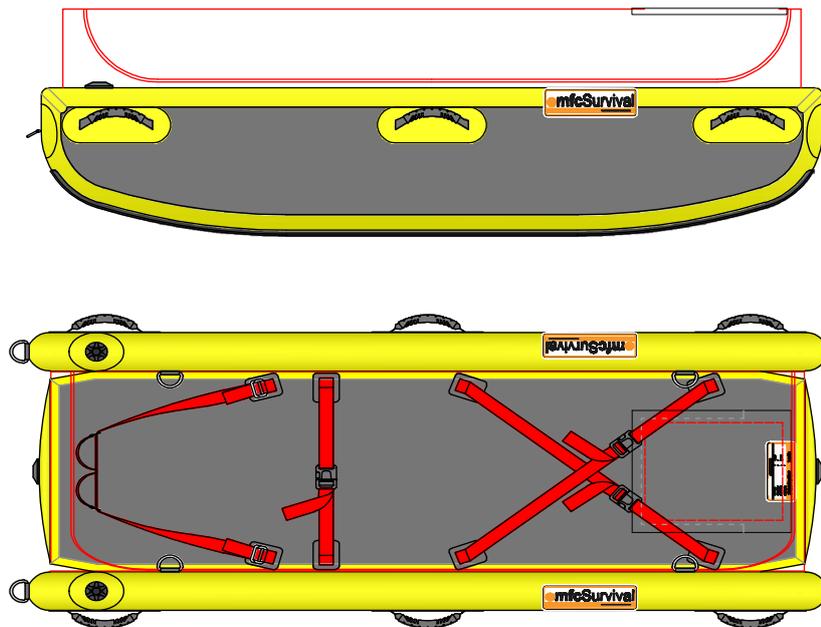
# ALL TERRAIN STRETCHER - API

## TECHNICAL DATA

## API STRETCHER

Product code	WR0219
No. of persons	1
Length (cm)	215
Width (cm)	89
Height (cm)	41.5
Capacity (kg)	200
Air Requirements (ltr)	370
Pack size (cm)	70 x 45 x 30
Weight (kg)	11.25
Recommended regulator	8 bar
Valise Part Number	590018

## DETAIL DRAWING



## SUPPLIED WITH

- Leg & Chest restraining straps
- Foot securing straps
- Carrying handles (x6)
- Towing D-rings (x2)
- Removable cover with window
- 1m delivery hose with D7 fitting  
(for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)
- Valise (see above for p/n)

## OPTIONS

- Lifting sling
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)

# JET-SKI RESCUE BOARD



The Jet Ski Rescue Board is an inflatable board that is designed to be attached to the back of a jet ski to aid rapid response and rescue of casualties. It is attached by three towing and control 'D' rings located at the front of the inflatable board.

The board has either 10 handles (large size) or 8 (small) fitted around the top sides to make it easier for the casualty or rescue crew to hold onto the board whilst in use.

Fully inflatable the Jet Ski Rescue Board is lightweight and portable and can be quickly inflated when needed. The board deflates quickly and is easy to pack away into the valise provided.

## FEATURES

- Lightweight and easily portable
- Used in conjunction with a Jet ski for a rapid response rescue
- Design has 8 or 10 handles to make it easier for the casualty or rescue crew to hold onto the board whilst in action
- The underside of the board is double skinned for maximum abrasion resistance
- Exceptionally tough and durable
- Rapid inflation and deployment
- Minimal training, servicing and maintenance costs

## USED FOR

- Rapid Response Rescue
- Sea/surf rescue
- Flood Rescue
- River Rescue
- Flooded coastal and urban areas
- Casualty Recovery
- Deep Water rescue

## MATERIAL OPTIONS

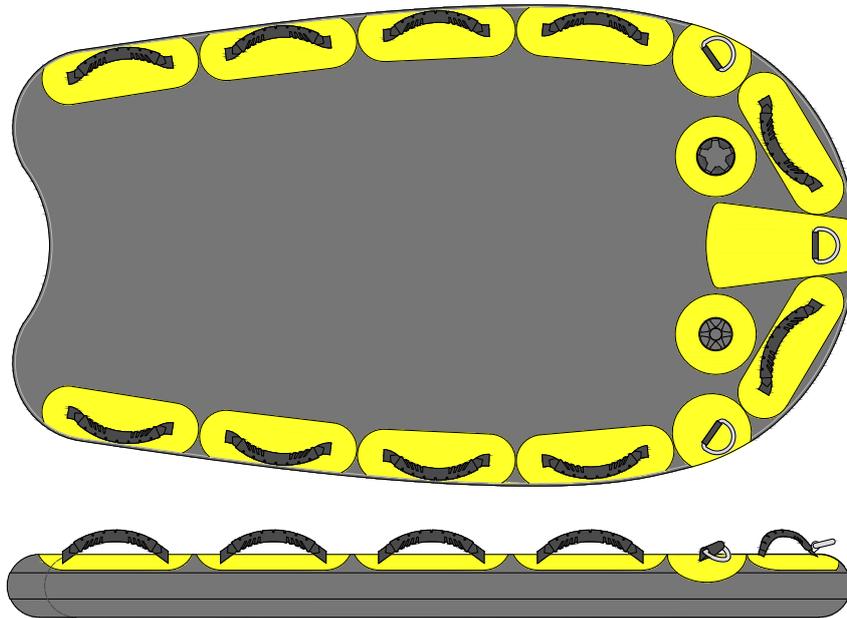
-  Hypalon (glued construction)
-  TPU (welded construction)

# JET-SKI RESCUE BOARD

## TECHNICAL DATA

	SMALL	LARGE
Product Code (Hypalon) ●	-	WR0213
Product Code (TPU) ●	WRW0213/002	WRW0213/001
Length (cm)	140	160
Width (cm)	85	95
Height (cm)	12.5	12.5
Typical Load (kg)	115	150
Air Requirements (ltr)	230	300
Pack size (cm)	97 x 32 x 17	97 x 32 x 17
Weight (kg)	5.5	7
Working Pressure	0.86	0.86
Recommended regulator	8 Bar	8 Bar

## DETAIL DRAWING



### SUPPLIED WITH

- Carrying handles (x10 large size, x8 small)
- Towing & control D-rings (x3)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (Hypalon: 600001, TPU: 600024)
- Valise (590003)

### OPTIONS

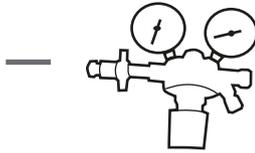
- Customer logo (LETTERING)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 28)

# WATER RESCUE INFLATION EQUIPMENT

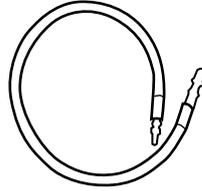
## OPTIONS FOR INFLATION



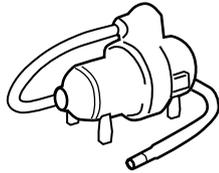
**B.A. Cylinder**  
(By others)



**8 bar Regulator**  
(RE0034)  
Regulator with  
fixed hose  
(RE0034/006)



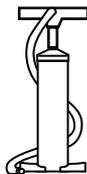
**1m Delivery Hose**  
(Supplied with sled:  
HS-04-05-01-27-06)



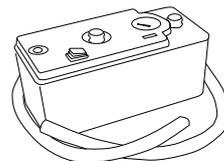
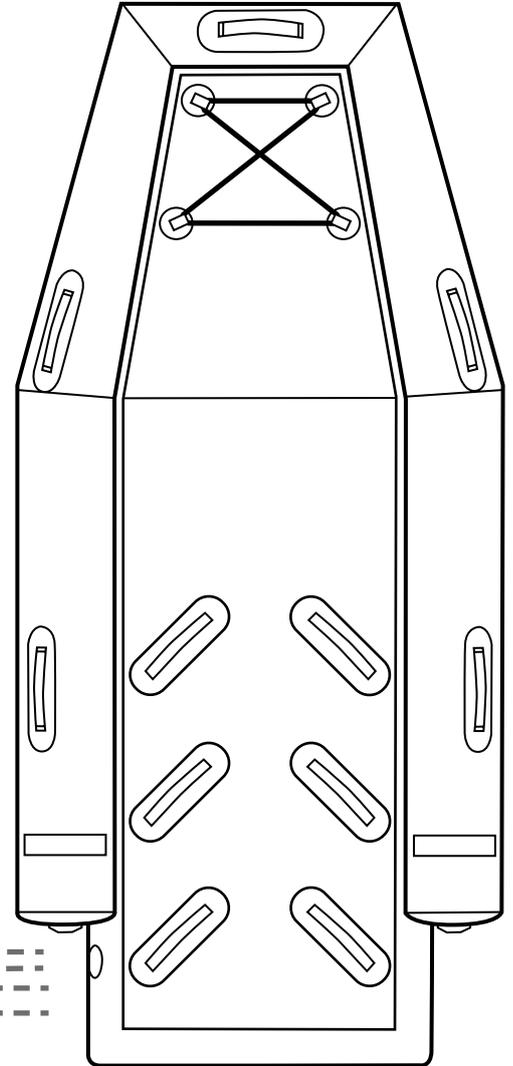
**Bravo 2000\***  
**Electric Inflator**  
**230VAC**  
(180026/001)



**Bravo10 Foot**  
**Pump**  
(180006)



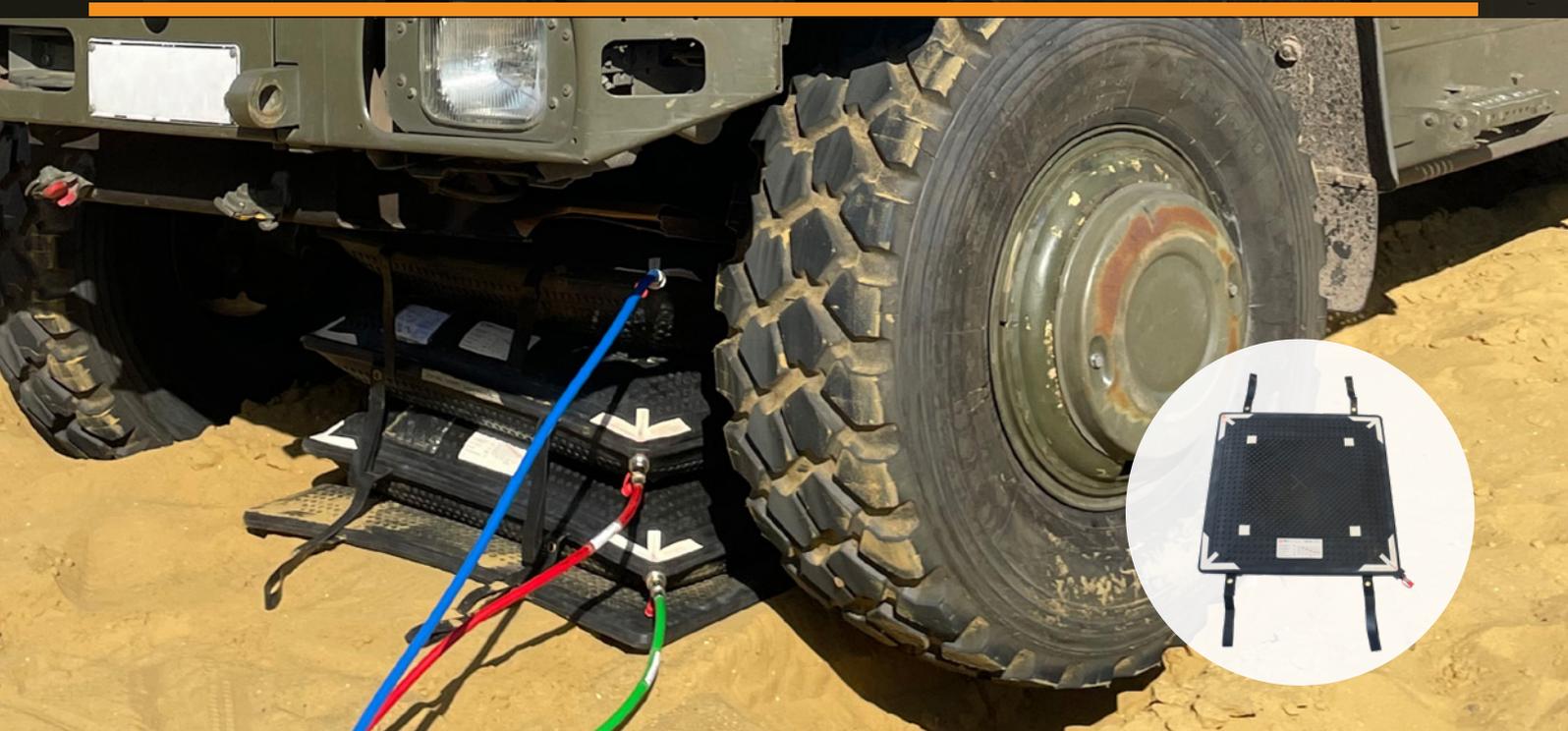
**Bravo 4 ALU R.E.D Hand**  
**Pump**  
(180001)



**Scoprega GE25**  
**Electric Inflator**  
**230VAC**  
(190009)

\* **N.B.** For inflation of the Multi-function craft, Rescue craft and RSW Rescue Sled use the Scoprega GE 25 inflator rather than the Bravo 2000 due to the higher working pressure required for the floor of these craft.

# STAKJAKS - 12 BAR



The StakJak high-pressure lifting bag is a revolutionary flat-profile lifting bag for vehicle and heavy duty lifting requirements. The flat profile of the StakJak has several distinct advantages over traditional ovoid lifting bags of which the most significant is the ability to safely stack up to three bags together. This enables a greater lift height without the risk of sudden ejection or instability that is possible when stacking ovoid bags.

In addition, the StakJak high-pressure lifting bags 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 StakJak, as they can lift their full height capacity (5.4 - 45 tonne depending on model) throughout the entire lift.

StakJak lifting bags slim profile allow for use in tight spaces and reduce storage requirements. High pressure lifting bags (also sometimes called lifting mats) are constructed from exceptionally tough Kevlar cord, yet are light enough to be carried by just one person.

StakJak lifting bags can be inflated quickly to provide an instant lift, making them ideal for use in rapid response emergency situations. High pressure lifting bags of this type also have a controlled deflation facility if required, and can be supplied with an optional bleed valve on request.

## FEATURES

- Flat profile avoids diminishing lift
- Stack up three bags safely
- Lightweight and compact
- Controlled deflation facility
- Significantly more stable than an ovoid lifting bag
- Versatile - designed for emergency services but also used in industry, mining, railroads, armed forces, and caravan and static unit companies

## USED FOR

- Road traffic incidents
- Light aircraft crash
- Rapid response rescue
- Raising submerged vehicles and small craft

## COMPLIES WITH

- EN 13731:2007 (independently tested)

## CERTIFIED TO

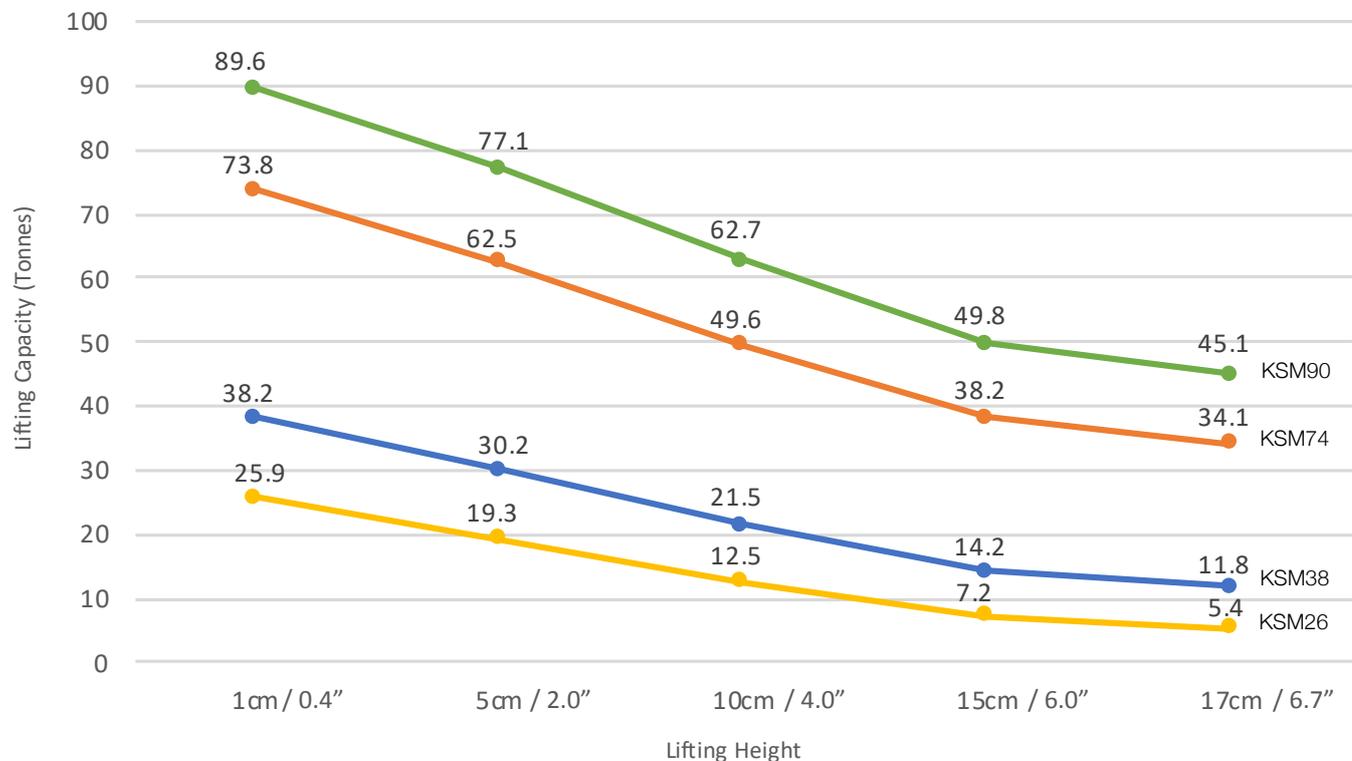
- NFPA 1936

# STAKJAKS - 12 BAR

TECHNICAL DATA	KSM26 (12 BAR)	KSM38 (12 BAR)	KSM74 (12 BAR)	KSM90 (12 BAR)
Product Code	KSM26/12	KSM38/12	KSM74/12	KSM90/12
Length (cm/Inch)	52 / 20.4"	62 / 24.4"	84 / 33.1"	92 / 36.2"
Width (cm/Inch)	52 / 20.4"	62 / 24.4"	84 / 33.1"	92 / 36.2"
Inflated Height (cm/Inch)	17.5 / 6.9"	17.5 / 6.9"	17.5 / 6.9"	17.5 / 6.9"
Deflated Height (cm/Inch)	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"
Packed Size (cm/Inch)	55 x 55 x 4 / 21.7x21.7x1.6"	65 x 65 x 4 / 25.6x25.6x1.6"	88 x 88 x 4 / 30.6x30.6x1.6"	95 x 95 x 4 / 37.4x37.4x1.6"
Max. Lift Capacity at Min. Lifting Height (tonne/ US ton)	25.9 / 28.5	38.2 / 42.1	73.8 / 81.4	89.6 / 98.8
Max. Lift Capacity at Max. Lifting Height (tonne/ US ton)	5.4 / 6.0	11.8 / 13.0	34.1 / 37.6	45.1 / 49.7
Max Flat Area (cm/Inch)	24 x 24 / 9.4 x 9.4"	34 x 34 / 13.4 x 13.4"	56 x 56 / 22 x 22"	64 x 64 / 25.2 x 25.2"
Air Requirements (ltr / ft <sup>3</sup> )	479 / 16.9	731 / 25.8	1403 / 49.5	1687 / 59.6
Weight (kg / lbs)	8 / 18	12 / 27	20 / 44	23 / 51
Max. Pressure (bar / psi)	12 / 174	12 / 174	12 / 174	12 / 174



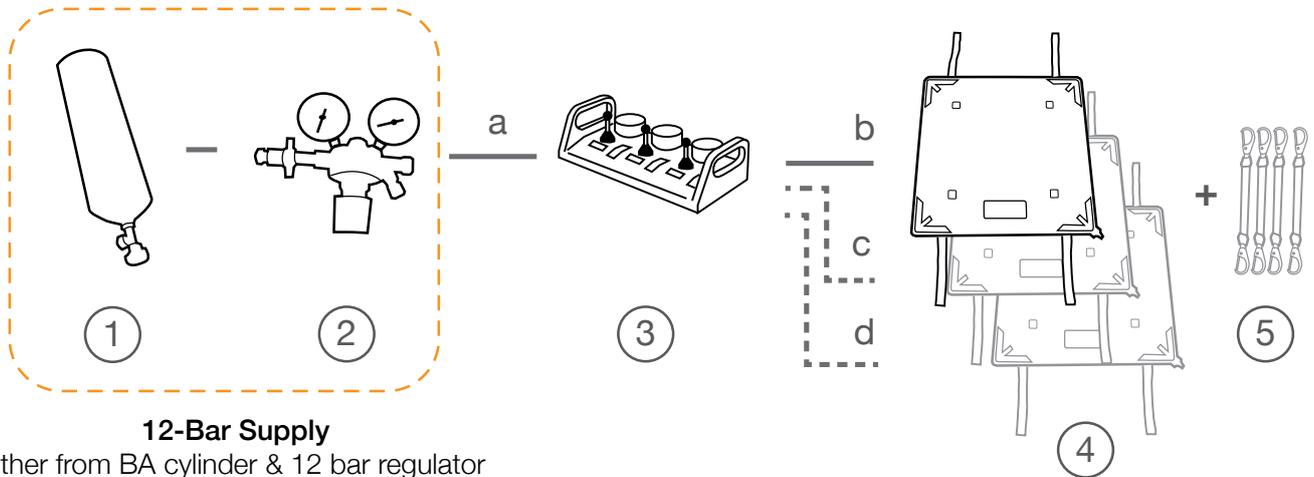
## LIFTING HEIGHTS



Lifting capacity Values in US tons are equivalent to the tonne value x 1.1

# STAKJAKS - 12 BAR

## SYSTEM SCHEMATIC



### 12-Bar Supply

Either from BA cylinder & 12 bar regulator  
or a compressor set at 12 bar

## SYSTEM COMPONENTS



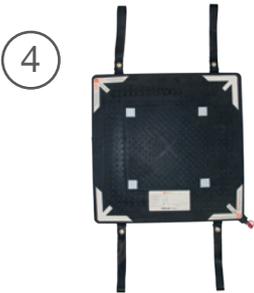
Regulators are designed to be used with an air cylinder to reduce the amount of pressure which is leaving the cylinder and entering the inflatable product. The regulator contains an on/off valve which stops the air flowing through the hose.



MFC's 12 bar aluminium control units are robust and durable with an impact resistant design. The controller features a pressure sensitive 'deadman' control joystick and a pressure gauge with protective rubber surround for each controlled outlet. The body is made of aluminium with plastic protective handles at either end and models are available for control of one, two or three bags. The controller is supplied as standard with a female type 26 inlet coupling and Type 25 female couplings.

# STAKJAKS - 12 BAR

## SYSTEM COMPONENTS (CONT.)



4

StakJak

(Select size from table)

	KSM26/12	KSM38/12	KSM74/12	KSM90/12
Lift Capacity Max / Min tonne ( US ton)	25.9 / 5.4 (28.5 / 6.0)	38.2 / 11.8 (42.1 / 13.0)	73.8 / 34.1 (81.4 / 37.6)	89.6 / 45.1 (98.8 / 49.7)
Size L x W x H cm (inches)	52 x 52 x 2.5 (20.4 x 20.4 x 1")	62 x 62 x 2.5 (24.4 x 24 x 1")	84 x 84 x 2.5 (33.1 x 33.1 x 1")	92 x 92 x 2.5 (36.2 x 36.2 x 1")



5

Dual Bag Retaining  
Straps (set of 4)



Triple Bag Retaining  
Straps (set of 4)

Retaining straps are used to secure StakJaks to each other when used stacked together, reducing the risk of lateral movement of the bags during a lift.

- Dual bag retaining strap set (SP0068/001)
- Triple bag retaining strap set (SP0068/002)

## HOSES

a



Inlet Hose [T.26M - T.26M]  
(2m - HS-01-04-02-06-06)  
(5m - HS-01-04-05-06-06)  
(10m - HS-01-04-10-06-06)

b



Green Outlet Hose [S.25M-S.25F]  
(5m - HS-01-02-05-06-07)  
(10m - HS-01-02-10-06-07)

c



Red Outlet Hose [S.25M-S.25F]  
(5m - HS-01-01-05-06-07)  
(10m - HS-01-01-10-06-07)

d



Blue Outlet Hose [S.25M-S.25F]  
(5m - HS-01-03-05-06-06)  
(10m - HS-01-03-10-06-06)

## SYSTEM KITS

### ONE BAG SYSTEM

Required: **1\***, **2\***, **3** (Single bag controller), **4** (specify size) and hoses **a** and **b**

### TWO BAG SYSTEM

Required: **1\***, **2\***, **3** (Twin controller), **4** (x2, specify size), **5** and hoses **a**, **b**, and **c**

### THREE BAG SYSTEM

Required: **1\***, **2\***, **3** (Tripple controller), **4** (x3, specify size), **5** and hoses **a**, **b**, **c** and **d**

\* if not using a compressor

## ACCESSORIES



HP Shut-off Hose  
(SP0154)

Inserted between the lifting bag (4) and the outlet hose (b, c or d) the 0.5m yellow shut off-hose incorporates a ball valve which allows the operator to keep the lifting bag inflated and disconnect the outlet hose.

**NOTE:** it is not recommended to leave a lifting bag disconnected & inflated unless the load is supported by chocks

# STAKJAKS - 8 BAR



The StakJak high-pressure lifting bag is a revolutionary flat-profile lifting bag for vehicle and heavy duty lifting requirements. The flat profile of the StakJak has several distinct advantages over traditional ovoid lifting bags of which the most significant is the ability to safely stack up to three bags together. This enables a greater lift height without the risk of sudden ejection or instability that is possible when stacking ovoid bags.

In addition, the StakJak high-pressure lifting bags 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 StakJak, as they can lift their full height capacity (3.6 - 24.6 tonne depending on model) throughout the entire lift.

StakJak lifting bags slim profile allow for use in tight spaces and reduce storage requirements. High pressure lifting bags (also sometimes called lifting mats) are constructed from exceptionally tough Kevlar cord, yet are light enough to be carried by just one person.

StakJak lifting bags can be inflated quickly to provide an instant lift, making them ideal for use in rapid response emergency situations. High pressure lifting bags of this type also have a controlled deflation facility if required, and can be supplied with an optional bleed valve on request.

## FEATURES

- Flat profile avoids diminishing lift
- Stack up three bags safely
- Lightweight and compact
- Controlled deflation facility
- Significantly more stable than an ovoid lifting bag
- Versatile - designed for emergency services but also used in industry, mining, railroads, armed forces, and caravan and static unit companies

## USED FOR

- Road traffic incidents
- Light aircraft crash
- Rapid response rescue
- Raising submerged vehicles and small craft

## COMPLIES WITH

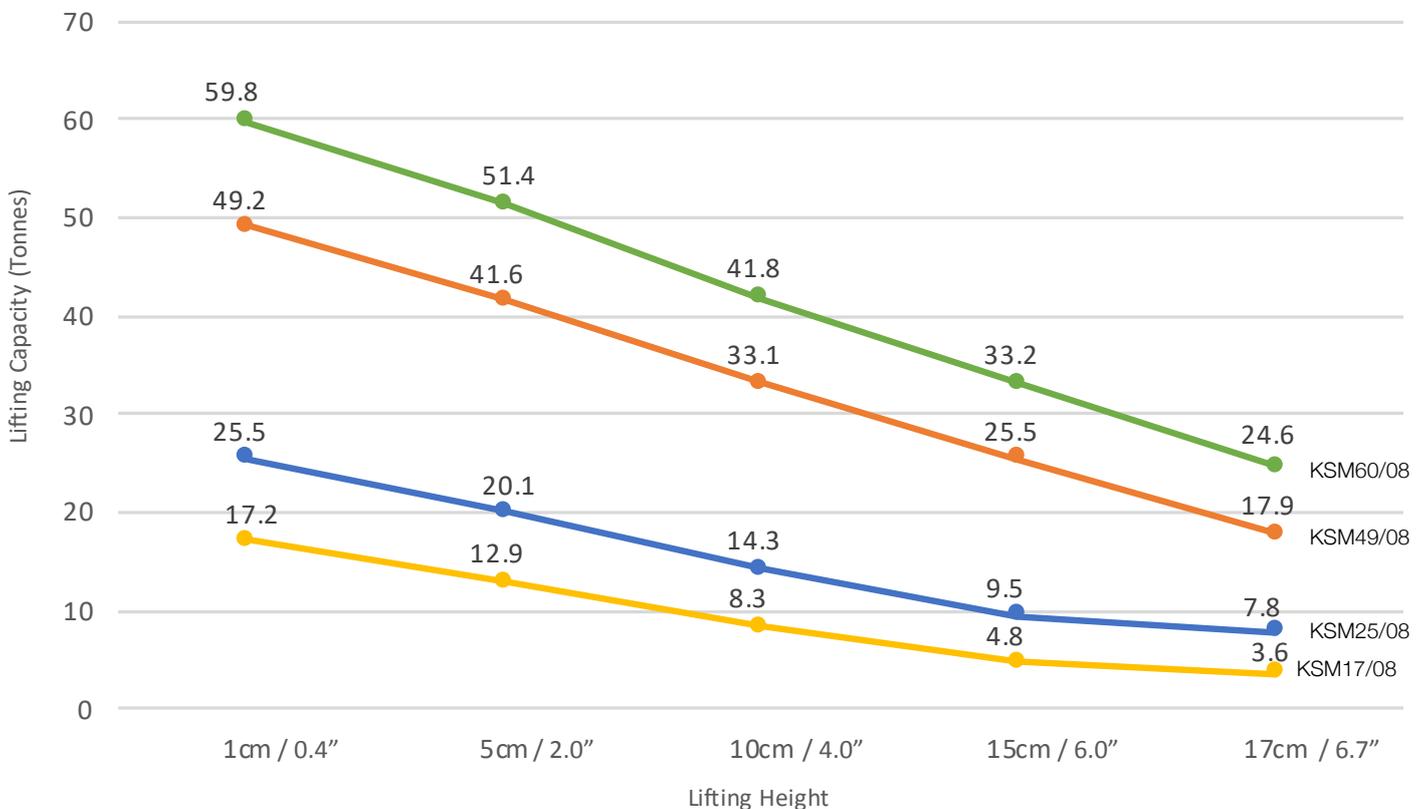
- EN 13731:2007 (independently tested)

# STAKJAKS - 8 BAR

TECHNICAL DATA	KSM17 (8 BAR)	KSM25 (8 BAR)	KSM49 (8 BAR)	KSM60 (8 BAR)
Product Code	KSM17/08	KSM25/08	KSM49/08	KSM60/08
Length (cm/Inch)	52 / 20.4"	62 / 24.4"	84 / 33.1"	92 / 36.2"
Width (cm/Inch)	52 / 20.4"	62 / 24.4"	84 / 33.1"	92 / 36.2"
Inflated Height (cm/Inch)	17.5 / 6.9"	17.5 / 6.9"	17.5 / 6.9"	17.5 / 6.9"
Deflated Height (cm/Inch)	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"
Packed Size (cm/Inch)	55 x 55 x 4 / 21.7x21.7x1.6"	65 x 65 x 4 / 25.6x25.6x1.6"	88 x 88 x 4 / 30.6x30.6x1.6"	95 x 95 x 4 / 37.4x37.4x1.6"
Max. Lift Capacity at Min. Lifting Height (tonne / US ton)	17.2 / 19.0	25.5 / 28.1	49.2 / 54.2	59.8 / 65.9
Max. Lift Capacity at Max. Lifting Height (tonne / US ton)	3.6 / 4.0	7.8 / 8.6	17.9 / 19.7	24.6 / 27.1
Max Flat Area (cm/Inch)	24 x 24 / 9.4 x 9.4"	34 x 34 / 13.4 x 13.4"	56 x 56 / 22 x 22"	64 x 64 / 25.2 x 25.2"
Air Requirements (ltr / ft <sup>3</sup> )	305 / 10.7	465 / 16.4	893 / 31.5	1074 / 37.9
Weight (kg / lbs)	8 / 18	12 / 27	20 / 44	23 / 51
Max. Pressure (bar / psi)	8 / 116	8 / 116	8 / 116	8 / 116



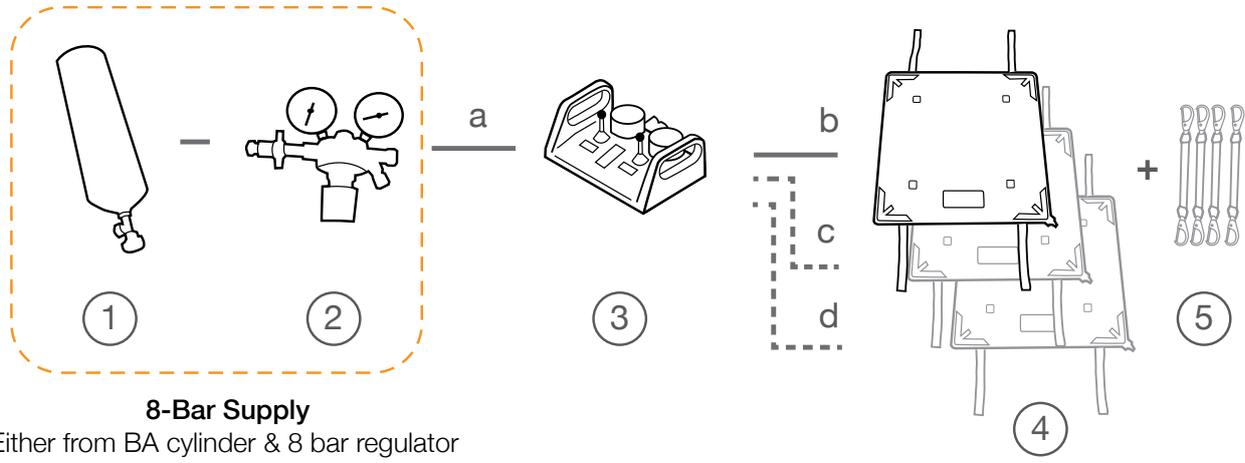
## LIFTING HEIGHTS



Lifting capacity Values in US tons are equivalent to the tonne value x 1.1

# STAKJAKS - 8 BAR

## SYSTEM SCHEMATIC



### 8-Bar Supply

Either from BA cylinder & 8 bar regulator or a compressor set at 8 bar

## SYSTEM COMPONENTS



Regulators are designed to be used with an air cylinder to reduce the amount of pressure which is leaving the cylinder and entering the inflatable product. The regulator contains an on/off valve which stops the air flowing through the hose.

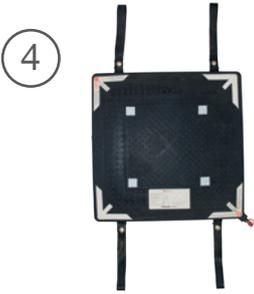


MFC's 8 bar aluminium control units are robust and durable with an impact resistant design. The controller features a pressure sensitive 'deadman' control joystick and a pressure gauge with protective rubber surround for each controlled outlet. The body is made of aluminium with plastic protective handles at either end and models are available for control of one, two or three bags. The controller is supplied as standard with a female type 26 inlet coupling and Type 25 female couplings.

The push-button Hand-held Controllers are compact and lightweight and can be easily operated with one hand. The aluminium body makes it durable and reduces weight. It is ideal for use with low or high pressure lifting bags. Pressure gauges are recessed into the body for protection and versions are available with either 1 or 2 outlets.

# STAKJAKS - 8 BAR

## SYSTEM COMPONENTS (CONT.)



StakJak

(Select size from table)

	KSM17/08	KSM25/08	KSM49/08	KSM60/08
Lift Capacity Max / Min tonne ( US ton)	17.2 / 3.6 (19.0 / 4.0)	25.5 / 7.8 (28.1 / 8.6)	49.2 / 17.9 (54.2 / 19.7)	59.8 / 24.6 (65.9 / 27.1)
Size L x W x H cm (inches)	52 x 52 x 2.5 (20.4 x 20.4 x 1")	62 x 62 x 2.5 (24.4 x 24 x 1")	84 x 84 x 2.5 (33.1 x 33.1 x 1")	92 x 92 x 2.5 (36.2 x 36.2 x 1")

5



Dual Bag Retaining  
Straps (set of 4)



Triple Bag Retaining  
Straps (set of 4)

Retaining straps are used to secure StakJaks to each other when used stacked together, reducing the risk of lateral movement of the bags during a lift.

- Dual bag retaining strap set (SP0068/001)
- Triple bag retaining strap set (SP0068/002)

## HOSES



Inlet Hose [T.26M - T.26M]  
(2m - HS-01-04-02-06-06)  
(5m - HS-01-04-05-06-06)  
(10m - HS-01-04-10-06-06)



Green Outlet Hose [S.25M-S.25F]  
(5m - HS-01-02-05-06-07)  
(10m - HS-01-02-10-06-07)



Red Outlet Hose [S.25M-S.25F]  
(5m - HS-01-01-05-06-07)  
(10m - HS-01-01-10-06-07)



Blue Outlet Hose [S.25M-S.25F]  
(5m - HS-01-03-05-06-06)  
(10m - HS-01-03-10-06-06)

## SYSTEM KITS

### ONE BAG SYSTEM

Required: **1\***, **2\***, **3** (Single bag controller), **4** (specify size) and hoses **a** and **b**

### TWO BAG SYSTEM

Required: **1\***, **2\***, **3** (Twin controller), **4** (x2, specify size), **5** and hoses **a**, **b**, and **c**

### THREE BAG SYSTEM

Required: **1\***, **2\***, **3** (Triple controller), **4** (x3, specify size), **5** and hoses **a**, **b**, **c** and **d**

\* if not using a compressor

## ACCESSORIES

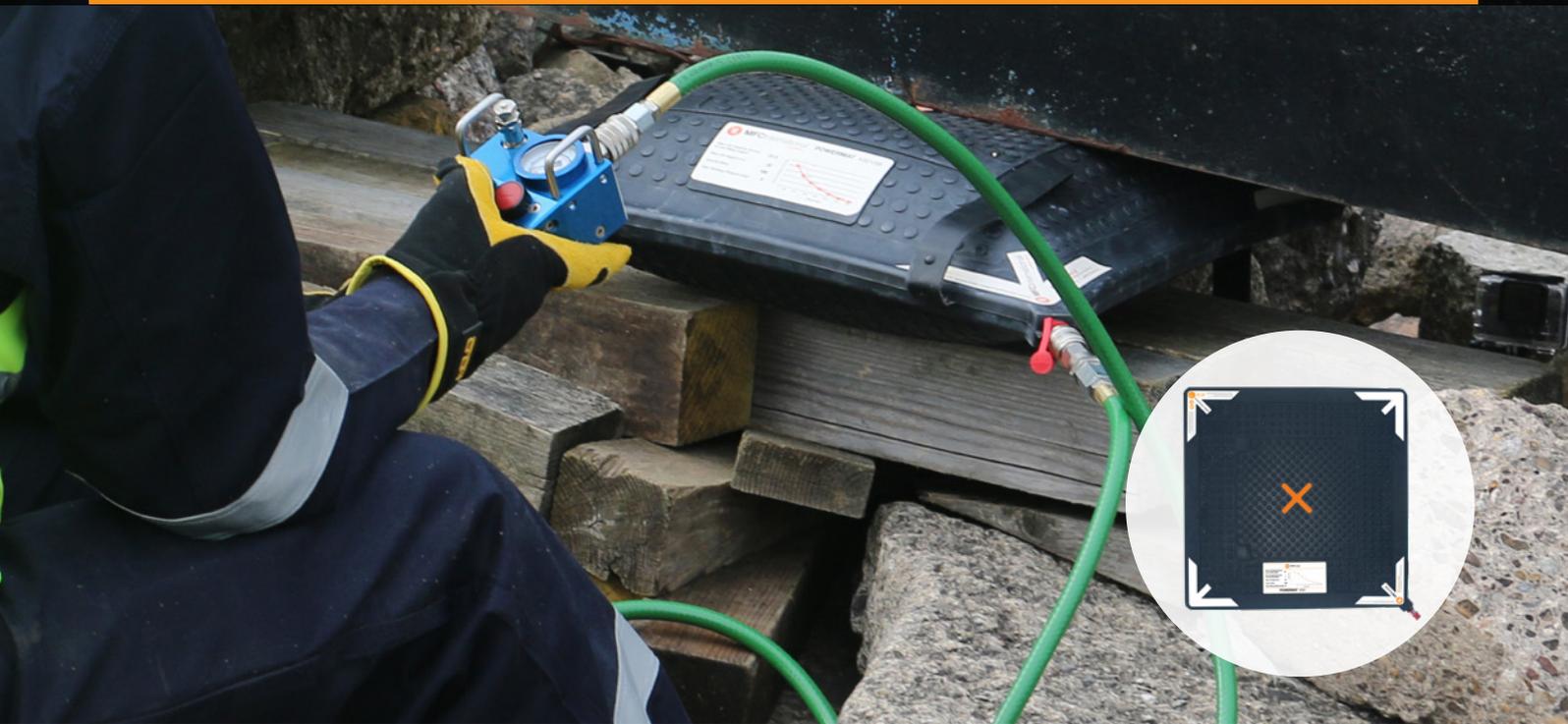


HP Shut-off Hose  
(SP0154)

Inserted between the lifting bag (4) and the outlet hose (b, c or d) the 0.5m yellow shut off-hose incorporates a ball valve which allows the operator to keep the lifting bag inflated and disconnect the outlet hose.

**NOTE:** it is not recommended to leave a lifting bag disconnected & inflated unless the load is supported by chocks

# POWERMAT - 12 BAR



The Powermat is a heavy duty, high-pressure lifting bag 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 1.4 tonne right up to 93 tonne.

Powermats inflate rapidly offering instant lift. The most convenient source of air supply for inflation is a BA cylinder or SCUBA bottle, alternatively a compressor, factory airline supply or a truck air brake supply can be used.

Due to their rapid response capability Powermat high-pressure lifting bags are ideally suited to emergency rescue situations, however they are an exceptionally versatile piece of equipment that also has applications in urban search and rescue, industry, mining, railroad construction/maintenance and the armed forces.

## FEATURES

- Slimline profile when deflated making it suitable for use in restricted or awkward places
- Inflates rapidly offering and instant lift
- Have a controlled deflation facility if required
- Large lift capacity and height

## USED FOR

- Road traffic incidents
- Light aircraft crash
- Rapid response rescue
- Raising submerged vehicles and small craft

## COMPLIES WITH

- EN 13731:2007 (independently tested)

## CERTIFIED TO

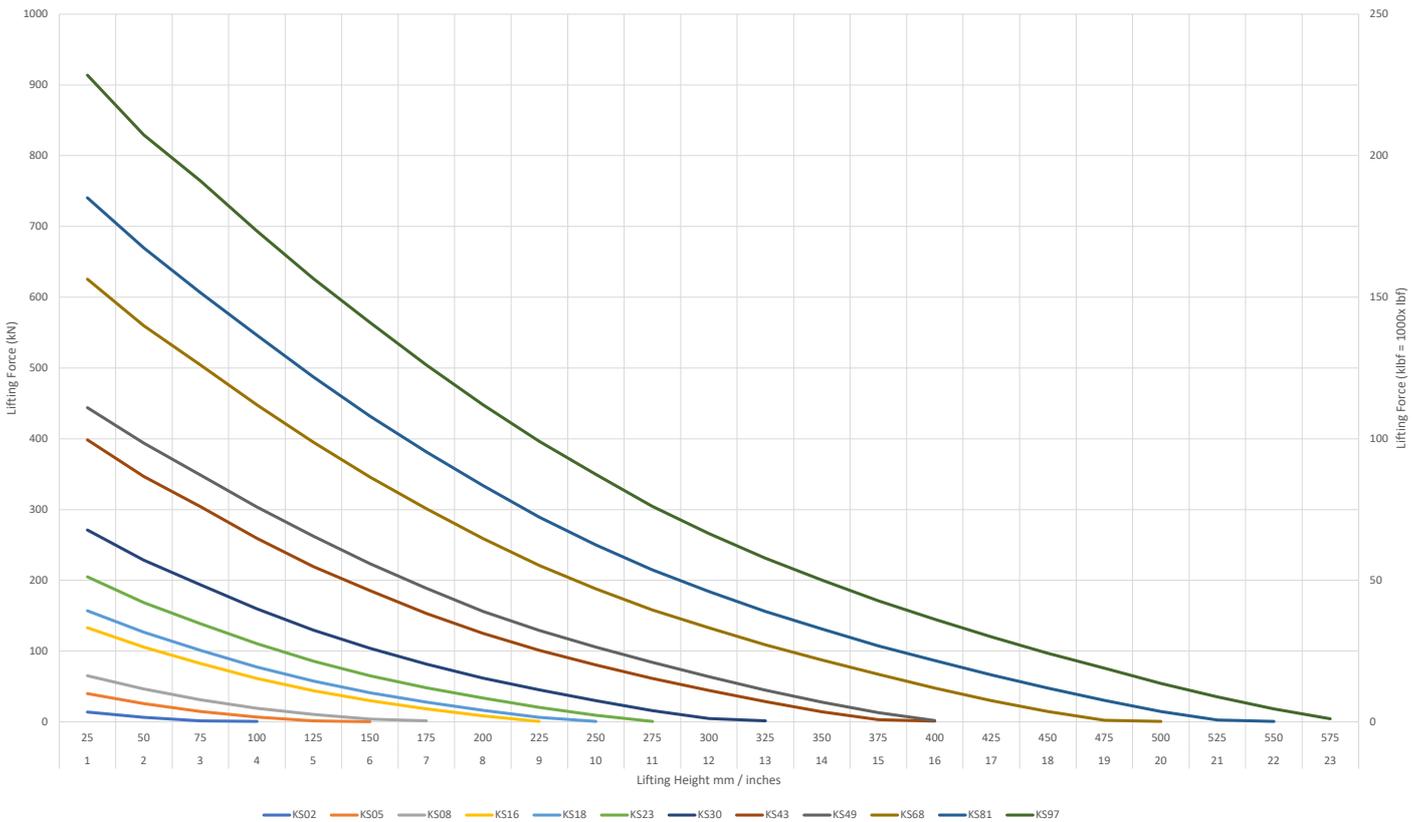
- NFPA 1936

# POWERMAT - 12 BAR

Technical Data	KS2	KS5	KS8	KS16	KS18	KS23	KS30	KS43	KS49	KS68	KS81	KS97
Product Code	KS02/12	KS05/12	KS08/12	KS16/12	KS18/12	KS23/12	KS30/12	KS43/12	KS49/12	KS68/12	KS81/12	KS97/12
Length (cm / inch)	15 / 5.9"	22.5 / 8.6"	27 / 10.6"	38 / 15.0"	40.8 / 16.1"	46 / 18.1"	52 / 20.4"	62 / 24.4"	65.8 / 25.9"	77.5 / 30.5"	84 / 33.1"	92 / 36.2"
Width (cm / inch)	15 / 5.9"	22.5 / 8.6"	27 / 10.6"	38 / 15.0"	40.8 / 16.1"	46 / 18.1"	52 / 20.4"	62 / 24.4"	65.8 / 25.9"	77.5 / 30.5"	84 / 33.1"	92 / 36.2"
Inflated height (cm / inch)	8 / 3.1"	13 / 5.1"	16 / 6.3"	23 / 9.0"	25 / 9.8"	28 / 11.0"	32 / 12.6"	38 / 15"	41 / 16.1"	48 / 18.9"	52 / 20.5"	57 / 22.4"
Deflated height (cm / inch)	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"
Maximum lift (tonne / US ton)	1.4 / 1.5	4.1 / 4.5	6.6 / 7.3	13.6 / 15.0	16.0 / 17.6	20.9 / 23.0	27.6 / 30.4	40.6 / 44.8	45.2 / 49.8	63.8 / 70.3	75.5 / 83.2	93.2 / 102.7
Air capacity at 12 bar (ltr / ft³)	4 / 0.1	18 / 0.6	34 / 1.2	100 / 3.5	128 / 4.5	180 / 6.4	268 / 9.5	449 / 15.8	565 / 20.0	906 / 32.0	1151 / 40.6	1518 / 53.6
Weight (kg / lbs)	0.5 / 1.1	1.3 / 2.9	1.8 / 4.0	3.6 / 7.9	4.1 / 9.0	5.1 / 11.2	8.0 / 17.6	12.0 / 27.0	13.5 / 29.8	14.5 / 32.0	20.0 / 44.1	23 / 50.7
Max. Pressure (bar / psi)	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174	12 / 174

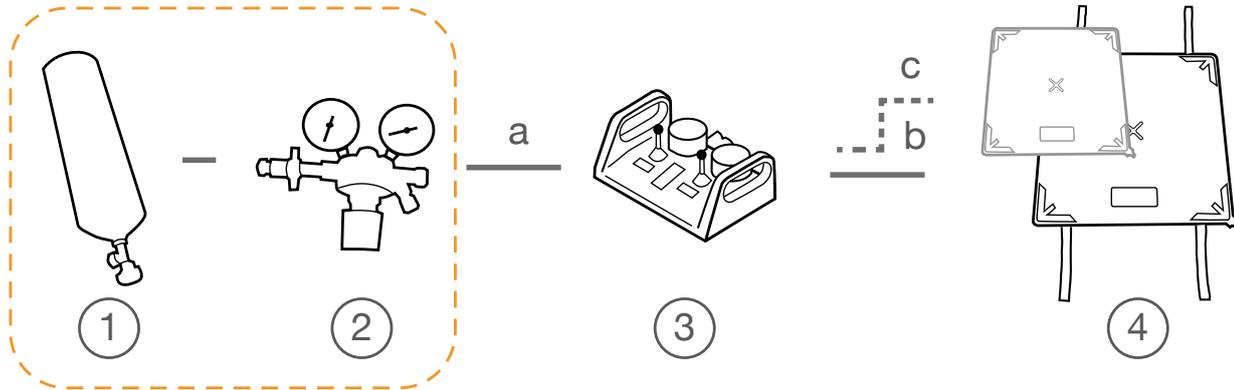
## LIFTING HEIGHTS

12 Bar (174 Psi) Powermats



# POWERMAT - 12 BAR

## SYSTEM SCHEMATIC & COMPONENTS



### 12-Bar Supply

Either from BA cylinder & 12 bar regulator or a compressor set at 12 bar

*Note: Mats KS02, KS05 and KS08 do not include carrying/positioning straps due to their smaller size*

## SYSTEM COMPONENTS

1



BA Cylinder  
(by others)

2



Regulator, 12 Bar  
(Regulator only: RE0039,  
Regulator & hose: RE0039/001)

Regulators are designed to be used with an air cylinder to reduce the amount of pressure which is leaving the cylinder and entering the inflatable product. The regulator contains an on/off valve which stops the air flowing through the hose.

3

### ONE BAG



Single Controller  
12 bar / 174 psi  
CO0137

### TWO BAGS



Twin Controller  
12 bar / 174 psi  
CO0091

### THREE BAGS



Triple Controller  
12 bar / 174 psi  
CO0109

MFC's 12 bar aluminium control units are robust and durable with an impact resistant design. The controller features a pressure sensitive 'deadman' control joystick and a pressure gauge with protective rubber surround for each controlled outlet. The body is made of aluminium with plastic protective handles at either end and models are available for control of one, two or three bags. The controller is supplied as standard with a female type 26 inlet coupling and Type 25 female couplings.

# POWERMAT - 12 BAR

## SYSTEM COMPONENTS (CONT.)

4



Powermat(s)

Product Code	KS02/12	KS05/12	KS08/12	KS16/12	KS18/12	KS23/12	KS30/12	KS43/12	KS49/12	KS68/12	KS81/12	KS97/12
Length (cm / inch)	15 / 5.9"	22.5 / 8.6"	27 / 10.6"	38 / 15.0"	40.8 / 16.1"	46 / 18.1"	52 / 20.4"	62 / 24.4"	65.8 / 25.9"	77.5 / 30.5"	84 / 33.1"	92 / 36.2"
Inflated height (cm / inch)	8 / 3.1"	13 / 5.1"	16 / 6.3"	23 / 9.0"	25 / 9.8"	28 / 11.0"	32 / 12.6"	38 / 15"	41 / 16.1"	48 / 18.9"	52 / 20.5"	57 / 22.4"
Maximum lift (tonne / US ton)	2.0 / 2.2	5.0 / 5.5	7.5 / 8.3	15.6 / 17.2	18.1 / 20.0	23.2 / 25.6	30.0 / 33.1	43.2 / 47.6	48.8 / 53.8	68.4 / 75.4	80.7 / 89.0	97.2 / 107.1

## HOSES

a



Inlet Hose [T.26M - T.26M]  
(2m - HS-01-04-02-06-06)  
(5m - HS-01-04-05-06-06)  
(10m - HS-01-04-10-06-06)

b



Green Outlet Hose [S.25M-S.25F]  
(5m - HS-01-02-05-06-07)  
(10m - HS-01-02-10-06-07)

c



Red Outlet Hose [S.25M-S.25F]  
(5m - HS-01-01-05-06-07)  
(10m - HS-01-01-10-06-07)

d



Blue Outlet Hose [S.25M-S.25F]  
(5m - HS-01-03-05-06-06)  
(10m - HS-01-03-10-06-06)

## SYSTEM KITS

### ONE BAG SYSTEM

Required: **1\***, **2\***, **3** (choose from one bag controllers), **4** (choose size) and hoses **a** and **b**

### TWO BAG SYSTEM

Required: **1\***, **2\***, **3** (choose from two bag controllers), **4** (x2, choose size/sizes), **5** and hoses **a**, **b**, and **c**

### THREE BAG SYSTEM

Required: **1\***, **2\***, **3** (three bag controller), **4** (x3, choose size), **5** and hoses **a**, **b**, **c** and **d**

**N.B.** Powermats can only be stacked two bags high and the second (upper) bag must be the same size or smaller than the first. In three bags systems, the bags can only be used in parallel (i.e. across multiple lift points)

\* if not using a compressor

## ACCESSORIES



HP Shut-off Hose  
(SP0154)

Inserted between the lifting bag (4) and the outlet hose (b, c or d) the 0.5m yellow shut off-hose incorporates a ball valve which allows the operator to keep the lifting bag inflated and disconnect the outlet hose.

**NOTE:** it is not recommended to leave a lifting bag disconnected & inflated unless the load is supported by chocks

# POWERMAT - 8 BAR



The Powermat is a heavy duty, high-pressure lifting bag 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.

Powermats inflate rapidly offering instant lift. The most convenient source of air supply for inflation is a BA cylinder or SCUBA bottle, alternatively a compressor, factory airline supply or a truck air brake supply can be used.

Due to their rapid response capability Powermat high-pressure lifting bags are ideally suited to emergency rescue situations, however they are an exceptionally versatile piece of equipment that also has applications in urban search and rescue, industry, mining, railroad construction/maintenance and the armed forces.

## FEATURES

- Slimline profile when deflated making it suitable for use in restricted or awkward places
- Inflates rapidly offering and instant lift
- Have a controlled deflation facility if required
- Large lift capacity and height

## USED FOR

- Road traffic incidents
- Light aircraft crash
- Rapid response rescue
- Raising submerged vehicles and small craft

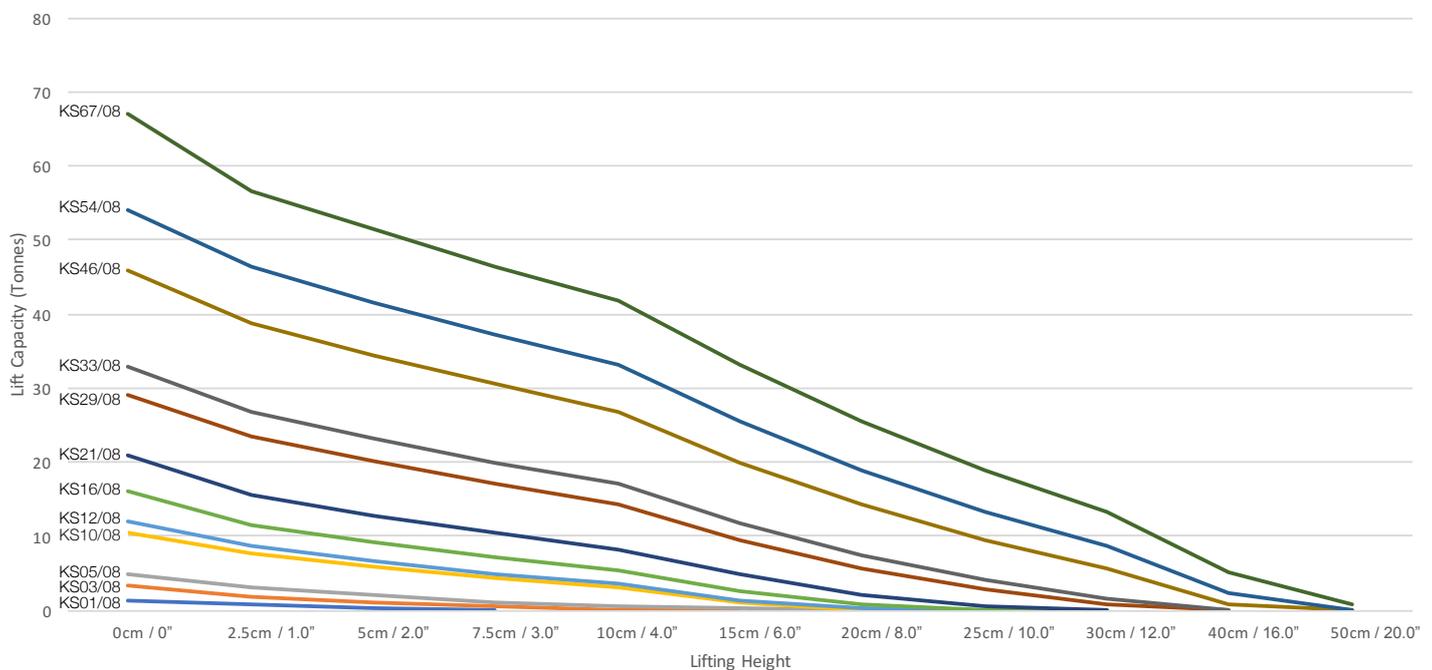
## COMPLIES WITH

- EN 13731:2007 (independently tested)

# POWERMAT - 8 BAR

Technical Data	KS1	KS3	KS5	KS10	KS12	KS16	KS21	KS29	KS33	KS46	KS54	KS67
Product Code	KS01/08	KS03/08	KS05/08	KS10/08	KS12/08	KS16/08	KS21/08	KS29/08	KS33/08	KS46/08	KS54/08	KS67/08
Length (cm / inch)	15 / 5.9"	22.5 / 8.6"	27 / 10.6"	38 / 15.0"	40.8 / 16.1"	46 / 18.1"	52 / 20.4"	62 / 24.4"	65.8 / 25.9"	77.5 / 30.5"	84 / 33.1"	92 / 36.2"
Width (cm / inch)	15 / 5.9"	22.5 / 8.6"	27 / 10.6"	38 / 15.0"	40.8 / 16.1"	46 / 18.1"	52 / 20.4"	62 / 24.4"	65.8 / 25.9"	77.5 / 30.5"	84 / 33.1"	92 / 36.2"
Inflated height (cm / inch)	8 / 3.1"	13 / 5.1"	16 / 6.3"	23 / 9.0"	25 / 9.8"	28 / 11.0"	32 / 12.6"	38 / 15"	41 / 16.1"	48 / 18.9"	52 / 20.5"	57 / 22.4"
Deflated height (cm / inch)	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"	2.5 / 1"
Maximum lift (tonne / US ton)	1.4 / 1.5	3.4 / 3.7	5.0 / 5.5	10.4 / 11.5	12.0 / 13.2	15.5 / 17.1	21.0 / 23.1	28.8 / 31.7	32.6 / 35.9	45.6 / 50.3	53.8 / 59.3	67 / 73.9
Air capacity at 8 bar (ltr / ft <sup>3</sup> )	3 / 0.1	12 / 0.4	23 / 0.8	69 / 2.4	89 / 3.1	124 / 4.4	186 / 6.6	311 / 11.0	391 / 13.8	627 / 22.1	797 / 28.1	1051 / 37.1
Weight (kg / lbs)	0.5 / 1.1	1.3 / 2.9	1.8 / 4.0	3.6 / 7.9	4.1 / 9.0	5.1 / 11.2	8.0 / 17.6	12.0 / 27.0	13.5 / 29.8	14.5 / 32.0	20.0 / 44.1	23 / 50.7
Max. Pressure (bar / psi)	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116	8 / 116

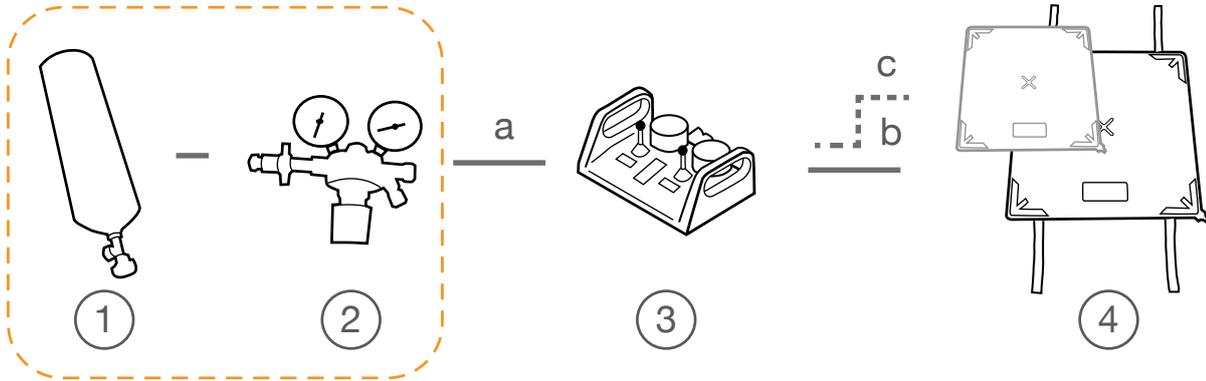
## LIFTING HEIGHTS



Lifting capacity Values in US tons are equivalent to the tonne value x 1.1

# POWERMAT - 8 BAR

## SYSTEM SCHEMATIC & COMPONENTS



### 8-Bar Supply

Either from BA cylinder & 8 bar regulator or a compressor set at 8 bar

*Note: Mats KS01, KS03 and KS05 do not include carrying/positioning straps due to their smaller size*

## SYSTEM COMPONENTS

1



BA Cylinder  
(by others)

2



Regulator, 8 Bar  
(Regulator only: RE0034,  
Regulator & hose: RE0034/001)

Regulators are designed to be used with an air cylinder to reduce the amount of pressure which is leaving the cylinder and entering the inflatable product. The regulator contains an on/off valve which stops the air flowing through the hose.

3

### ONE BAG

### TWO BAGS

### THREE BAGS



Single Handheld  
Controller  
8 bar / 116 psi  
CO0074



Single Controller  
8 bar / 116 psi  
CO0052



Twin Handheld  
Controller  
8 bar / 116 psi  
CO0076



Twin Controller  
8 bar / 116 psi  
CO0055



Triple Controller  
8 bar / 116 psi  
CO0058

MFC's 8 bar aluminium control units are robust and durable with an impact resistant design. The controller features a pressure sensitive 'deadman' control joystick and a pressure gauge with protective rubber surround for each controlled outlet. The body is made of aluminium with plastic protective handles at either end and models are available for control of one, two or three bags. The controller is supplied as standard with a female type 26 inlet coupling and Type 25 female couplings.

The push-button Handheld Controllers are compact and lightweight and can be easily operated with one hand. The aluminium body makes it durable and reduces weight. It is ideal for use with low or high pressure lifting bags. Pressure gauges are recessed into the body for protection and versions are available with either 1 or 2 outlets.

# POWERMAT - 8 BAR

## SYSTEM COMPONENTS (CONT.)

4



Powermat(s)

Product Code	KS01/08	KS03/08	KS05/08	KS10/08	KS12/08	KS16/08	KS21/08	KS29/08	KS33/08	KS46/08	KS54/08	KS67/08
Length (cm / inch)	15 / 5.9"	22.5 / 8.6"	27 / 10.6"	38 / 15.0"	40.8 / 16.1"	46 / 18.1"	52 / 20.4"	62 / 24.4"	65.8 / 25.9"	77.5 / 30.5"	84 / 33.1"	92 / 36.2"
Inflated height (cm / inch)	8 / 3.1"	13 / 5.1"	16 / 6.3"	23 / 9.0"	25 / 9.8"	28 / 11.0"	32 / 12.6"	38 / 15"	41 / 16.1"	48 / 18.9"	52 / 20.5"	57 / 22.4"
Maximum lift (tonne / US ton)	1.4 / 1.5	3.4 / 3.7	5.0 / 5.5	10.4 / 11.5	12.0 / 13.2	15.5 / 17.1	21.0 / 23.1	28.8 / 31.7	32.6 / 35.9	45.6 / 50.3	53.8 / 59.3	67 / 73.9

## HOSES

a



Inlet Hose [T.26M - T.26M]  
(2m - HS-01-04-02-06-06)  
(5m - HS-01-04-05-06-06)  
(10m - HS-01-04-10-06-06)

b



Green Outlet Hose [S.25M-S.25F]  
(5m - HS-01-02-05-06-07)  
(10m - HS-01-02-10-06-07)

c



Red Outlet Hose [S.25M-S.25F]  
(5m - HS-01-01-05-06-07)  
(10m - HS-01-01-10-06-07)

d



Blue Outlet Hose [S.25M-S.25F]  
(5m - HS-01-03-05-06-06)  
(10m - HS-01-03-10-06-06)

## SYSTEM KITS

### ONE BAG SYSTEM

Required: **1\***, **2\***, **3** (choose from one bag controllers), **4** (choose size) and hoses **a** and **b**

### TWO BAG SYSTEM

Required: **1\***, **2\***, **3** (choose from two bag controllers), **4** (x2, choose size/sizes), **5** and hoses **a**, **b**, and **c**

### THREE BAG SYSTEM

Required: **1\***, **2\***, **3** (three bag controller), **4** (x3, choose size), **5** and hoses **a**, **b**, **c** and **d**

**N.B.** Powermats can only be stacked two bags high and the second (upper) bag must be the same size or smaller than the first. In three bags systems, the bags can only be used in parallel (i.e. across multiple lift points)

\* if not using a compressor

## ACCESSORIES



HP Shut-off Hose  
(SP0154)

Inserted between the lifting bag (4) and the outlet hose (b, c or d) the 0.5m yellow shut off-hose incorporates a ball valve which allows the operator to keep the lifting bag inflated and disconnect the outlet hose.

**NOTE:** it is not recommended to leave a lifting bag disconnected & inflated unless the load is supported by chocks

# 0.5 BAR LIFTING BAGS



MFC International offer a comprehensive range of low pressure 0.5 bar (7 psi) lifting bags, designed primarily for the recovery of vehicles.

These bags 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

## FEATURES

- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Exceptionally stable
- Strong and durable
- Non-slip top surface
- Webbing loops assist with lifting and positioning the cushions, and can be used as anchorage points
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability
- Pressure relief valve to prevent over inflation
- GEKA Couplings supplied as standard, other couplings available on request

## USED FOR

- Road traffic incidents
- Light aircraft crashes
- Rescue of animals
- Raising submerged vehicles and small craft

## INCLUDED

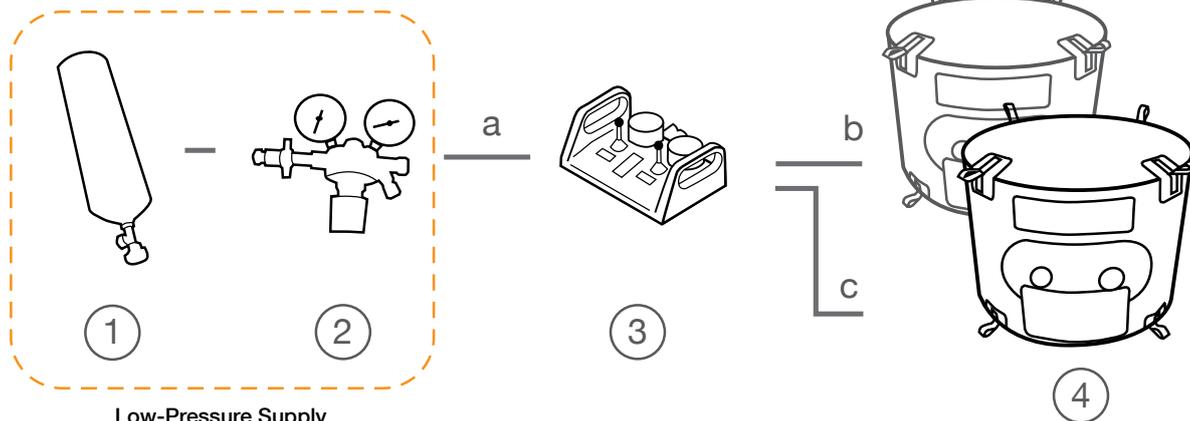
- Repair Kit (with glue: 600005, without glue for US shipping: 600021)

# 0.5 BAR LIFTING BAGS

## TECHNICAL DETAILS

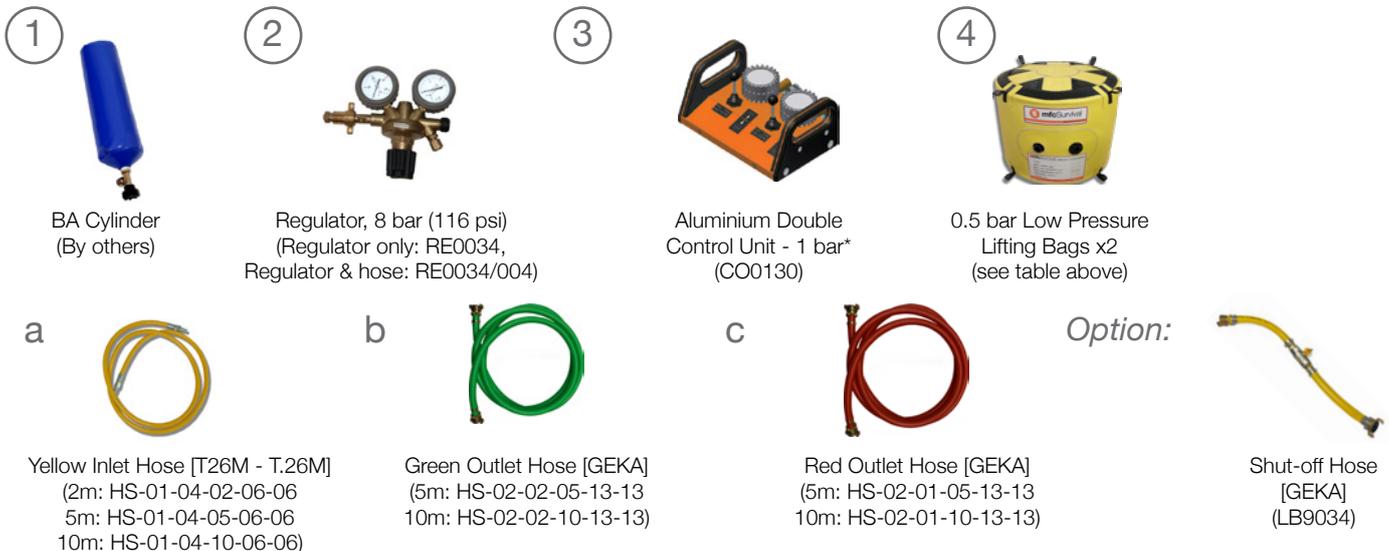
	A	B	C	D
Product Code	LB0015	LB0016	LB0017	LB0018
Materials	Hypalon Coated Nylon			
Diameter (cm / inch)	61 / 24"	76 / 30"	91 / 36"	122 / 48"
Inflated Height (cm / inch)	43 / 17"	59 / 23"	61 / 24"	100 / 39"
Deflated Height (cm / inch)	5 / 2"	5 / 2"	5 / 2"	10 / 4"
Packed Size Diameter ø x Height (cm / inch)	66 ø x 20 / 26 ø x 8"	77 ø x 20 / 30 ø x 8"	96 ø x 20 / 38 ø x 8"	122 ø x 22 / 48 ø x 9"
Max. Pressure (bar / psi)	0.5 / 7	0.5 / 7	0.5 / 7	0.5 / 7
Lift at Max Pressure (kg / lbs)	1488 / 3280	2325 / 5125	3347 / 7379	5951 / 13120
Air Requirements (ltr / ft <sup>3</sup> )	222 / 8	450 / 16	673 / 24	1900 / 67
Packed Weight (two cushions) (kg)	30 / 66	34 / 75	45 / 99	50 / 110

## SYSTEM SCHEMATIC



### Low-Pressure Supply

Either from BA cylinder & 8 bar regulator  
or a compressor set between 0.5 & 3 bar  
(7.3 and 44 psi)



\*1 bar (14.5 psi) Controllers can be used safely as bags are fitted with a 0.5 bar pressure release valve

# 0.5 BAR LIFTING BAG SETS



MFC International offer a comprehensive range of low pressure 0.5 bar (7.3 psi) lifting bags, designed primarily for the recovery of vehicles.

These bags 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

## FEATURES

- Supplied as a complete set of two bags, hoses a controller and regulator
- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Exceptionally stable
- Strong and durable
- Non-slip top surface
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability
- Pressure relief valve to prevent over inflation

## USED FOR

- Road traffic incidents
- Light aircraft crashes
- Rescue of animals
- Raising submerged vehicles and small craft

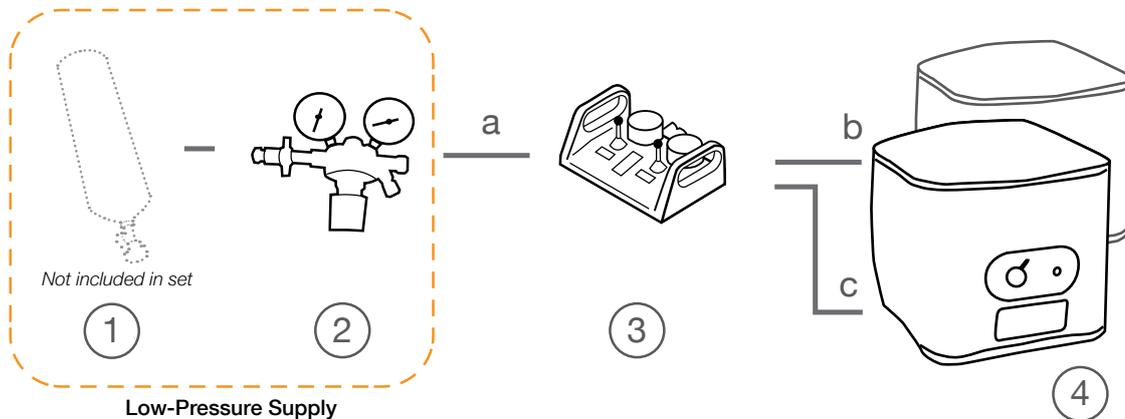
## INCLUDED IN 2 BAG SET

- Low pressure lifting bags x2
- Low pressure hoses x2 (one red, one green)
- Low pressure aluminium 0.5 bar double controller
- Low pressure 2m inlet hose
- Pressure Regulator/Reducer (8 bar)
- Repair Kit (with glue: 600005, without glue for US shipping: 600021)

# 0.5 BAR LIFTING BAG SETS

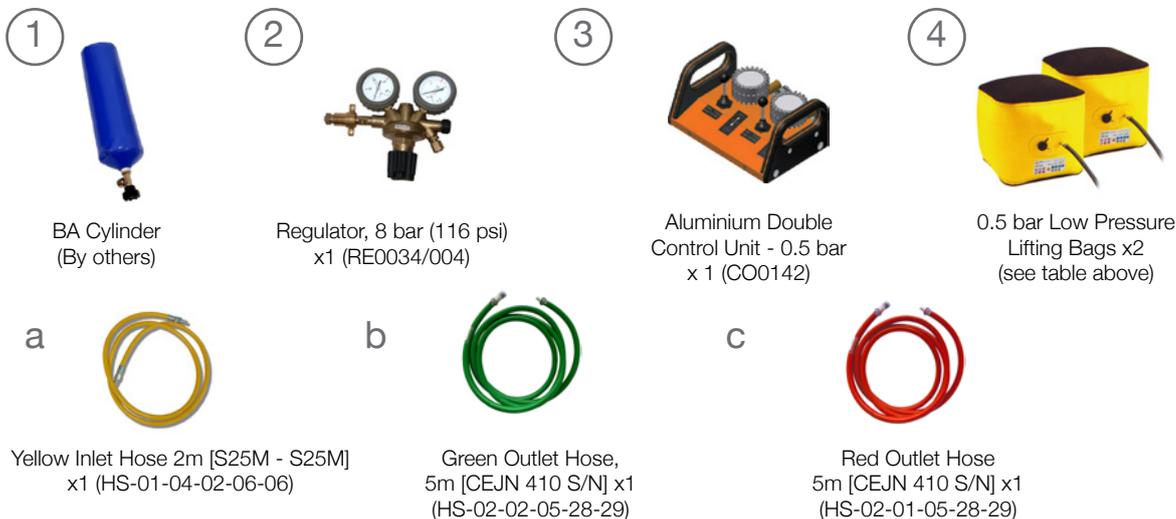
TECHNICAL DETAILS	LBM2	LBM3	LBM4.5	LBM8
Product Code (2 Bag Set)	LBM4S	LBM6S	LBM9S	LBM16S
Product Code (One Bag)	LBM2	LBM3	LBM4.5	LBM8
Materials	Reinforced Neoprene			
Footprint (cm / inch)	60x60 / 23.6x23.6"	75x75 / 29.5x29.5"	90x90 / 35.4x35.4"	120x120 / 47.2x47.2"
Inflated Height (cm / inch)	62 / 24.4"	62 / 24.4"	62 / 24.4"	62 / 24.4"
Deflated Height (cm / inch)	6 / 2.4"	6 / 2.4"	6 / 2.4"	6 / 2.4"
Max. Pressure (bar / psi)	0.5 / 7	0.5 / 7	0.5 / 7	0.5 / 7
Lift at Max Pressure - Both bags together (kg / lbs)	3,600 / 7,937	5,800 / 12,792	8,200 / 18,076	14,600 / 32,188
Lift at Max Pressure - One bag (kg / lbs)	1,800 / 3,968	2,900 / 6,396	4,100 / 9,038	7,300 / 16,094
Air Requirements - Both bags together (ltr / ft <sup>3</sup> )	626 / 22	978 / 35	1410 / 50	2506 / 89
Air Requirements - One bag (ltr / ft <sup>3</sup> )	323 / 11	489 / 17	705 / 25	1253 / 44
Packed Weight - Both bags together (kg / lbs)	27 / 60	34 / 75	41 / 90	65 / 143
Packed Weight - One bag (kg / lbs)	13.5 / 30	17 / 38	20.5 / 45	32.5 / 72

## SYSTEM SCHEMATIC



### Low-Pressure Supply

Either from BA cylinder & 8 bar regulator or a compressor set between 0.5 & 3 bar (7.3 and 44 psi)



# 1 BAR LIFTING BAGS



Our comprehensive range of 1 bar (14.5 psi) pressure airlift bags designed primarily for the recovery of vehicles. Invaluable at the scene of a road traffic incident or light aircraft crash, these lifting bags provide an exceptionally strong and steady lift to stabilize a vehicle and improve access to casualties.

These bags 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.

Depending on the circumstances these lifting bags may also be used in the rescue of animals or to raise submerged vehicles and small craft as well as many other heavy objects.

## FEATURES

- Lightweight and easily portable
- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Exceptionally stable
- Strong and durable
- Non-slip top surface
- Webbing loops assist with lifting and positioning the cushions, and can be used as anchorage points
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability
- Pressure release valve to prevent over inflation
- GEKA Couplings supplied as standard, other couplings available on request

## USED FOR

- Road traffic incidents
- Light aircraft crashes
- Rescue of animals
- Raising submerged vehicles and small craft

## INCLUDED

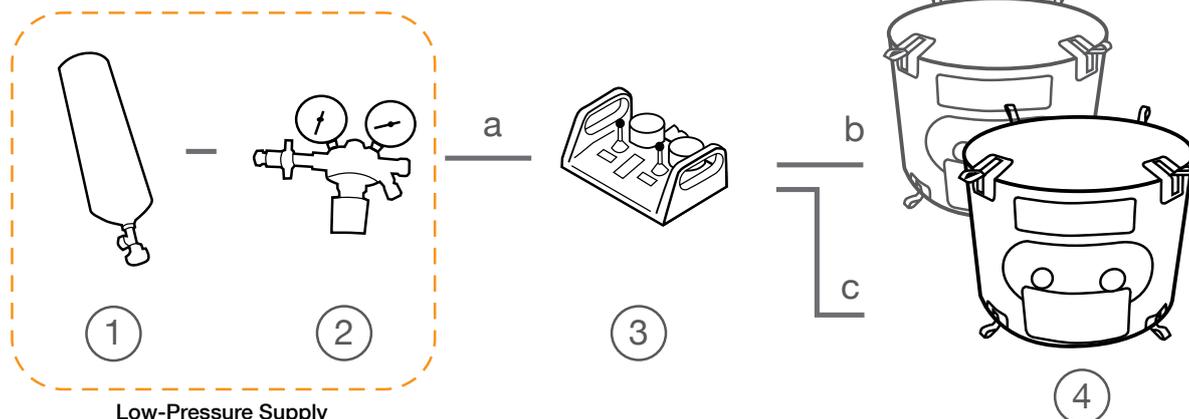
- Repair Kit (with glue: 600005)

# 1 BAR LIFTING BAGS

## TECHNICAL DETAILS

	AK	BK	CK	DK
Product Code	LB0019/003	LB0020/003	LB0021/003	LB0022/003
Materials	Neoprene Coated Kevlar			
Diameter (cm / inch)	61 / 24"	76 / 30"	91 / 36"	122 / 48"
Inflated Height (cm / inch)	43 / 17"	59 / 23"	61 / 24"	100 / 39"
Deflated Height (cm / inch)	5 / 2"	5 / 2"	5 / 2"	10 / 4"
Packed Size Diameter ø x Height (cm / inch)	66 ø x 20 / 26 ø x 8"	77 ø x 20 / 30 ø x 8"	96 ø x 20 / 38 ø x 8"	122 ø x 22 / 48 ø x 9"
Lift at Max Pressure (kg / lbs)	2976 / 6561	4650 / 10251	6694 / 14758	11902 / 26239
Max. Pressure (bar / psi)	1 / 14.5	1 / 14.5	1 / 14.5	1 / 14.5
Air Requirements (ltr / ft <sup>3</sup> )	295 / 10.4	620 / 21.9	900 / 31.8	3010 / 106.3
Packed Weight - One Bag (kg / lbs)	15 / 33	17 / 37	23 / 50	25 / 55
Packed Weight - Two Bag (kg)	30 / 66	34 / 75	45 / 99	50 / 110

## SYSTEM SCHEMATIC

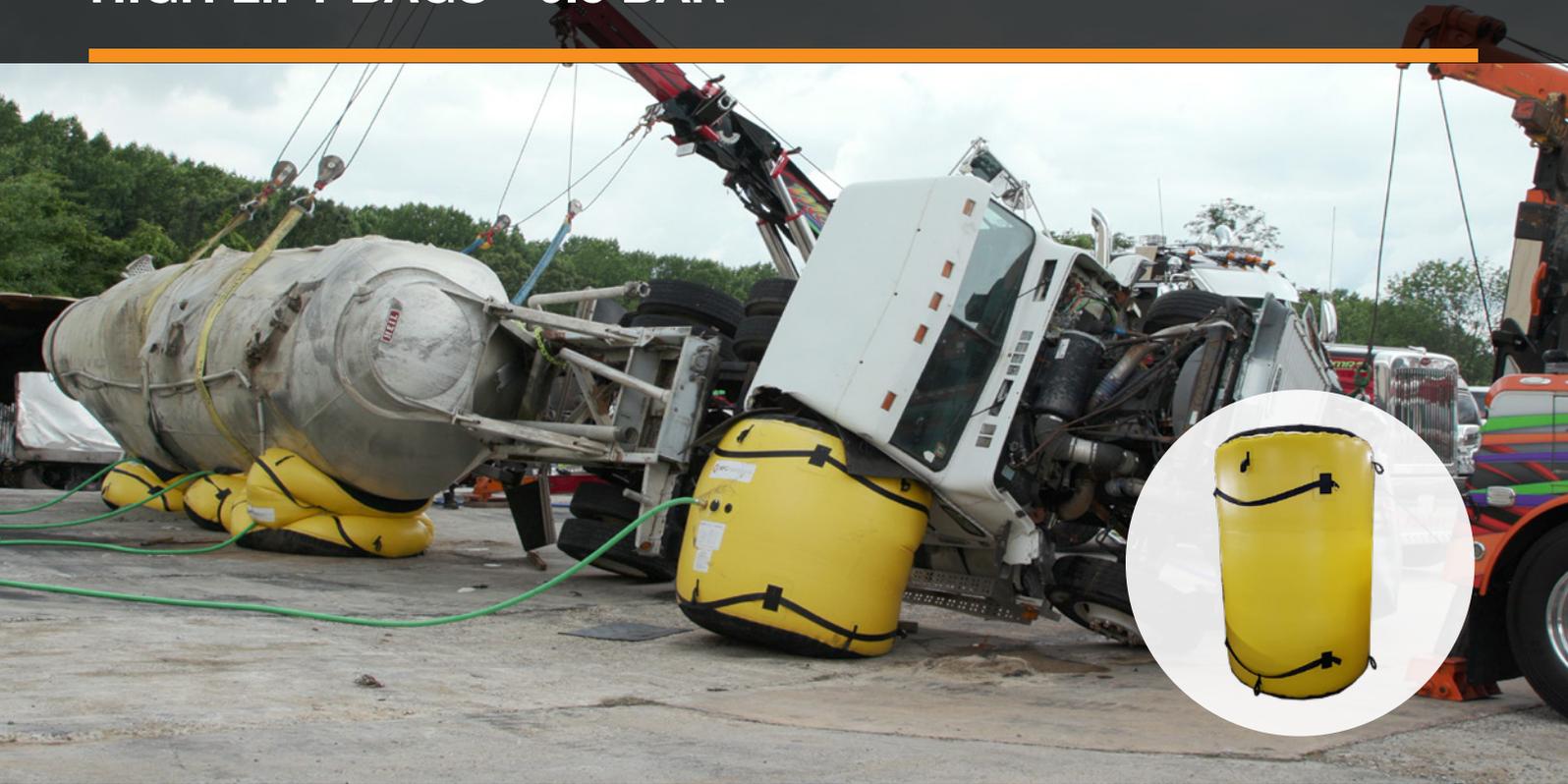


### Low-Pressure Supply

Either from BA cylinder & 8 bar regulator  
or a compressor set between 1 & 3 bar  
(7.3 and 44 psi)

①	②	③	④	
				
BA Cylinder (By others)	Regulator, 8 bar (116 psi) (Regulator only: RE0034, Regulator & hose: RE0034/004)	Aluminium Double Control Unit - 1 bar (CO0130)	1 bar Low Pressure Lifting Bags x2 (see table above)	
a	b	c	Option:	
				
Yellow Inlet Hose [T26M - T.26M] (2m: HS-01-04-02-06-06 5m: HS-01-04-05-06-06 10m: HS-01-04-10-06-06)	Green Outlet Hose [GEKA] (5m: HS-02-02-05-13-13 10m: HS-02-02-10-13-13)	Red Outlet Hose [GEKA] (5m: HS-02-01-05-13-13 10m: HS-02-01-10-13-13)		Shut-off Hose [GEKA] (LB9034)

# HIGH LIFT BAGS - 0.5 BAR



MFC International offer a range of 0.5 bar (7.2 psi) pressure high lifting bags designed primarily for the recovery of larger, heavier vehicles and trailers.

These bags 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.

## FEATURES

- Provide a strong and steady lift to stabilize a vehicle and improve access to casualties
- Exceptionally stable
- Strong and durable
- Slip-resistant top surface
- Webbing loops assist with lifting and positioning the bags, and can be used as anchorage points
- Low maintenance costs
- Large lift capacity and height
- Controlled deflation capability

## USED FOR

- Up-righting heavy or delicate vehicles
- Uprighting structurally weak containers such as fuel tankers or thin composite-walled cargo trailers
- Road traffic accidents
- Lifting aircraft

## SUPPLIED WITH

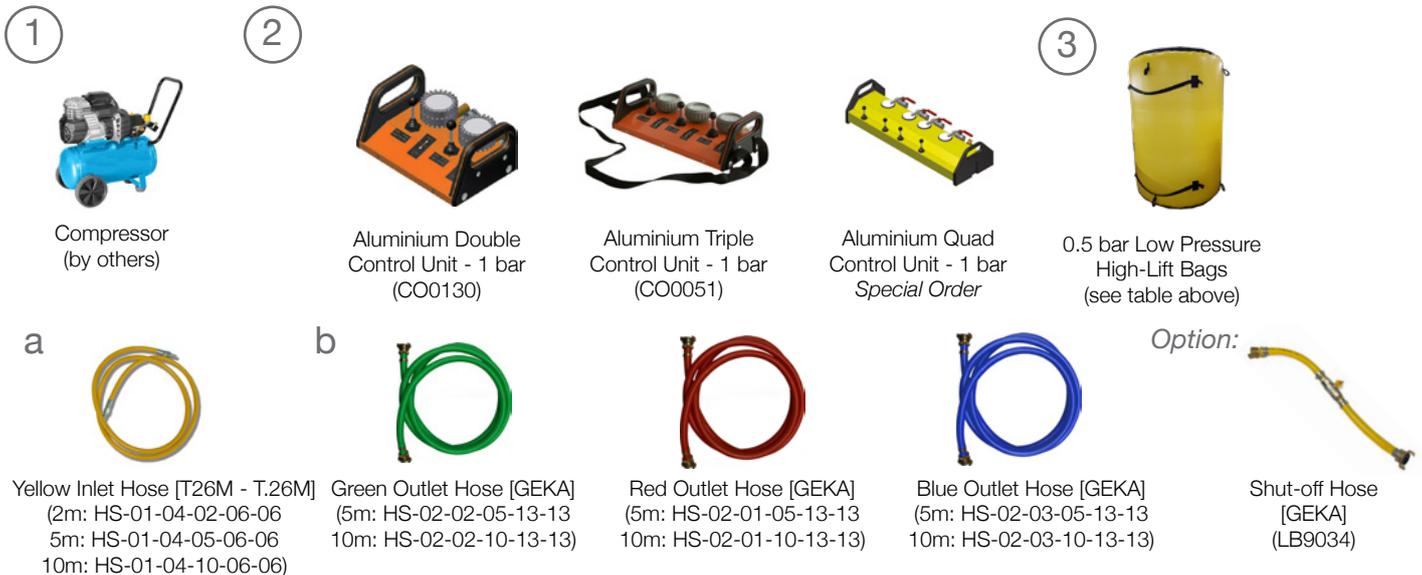
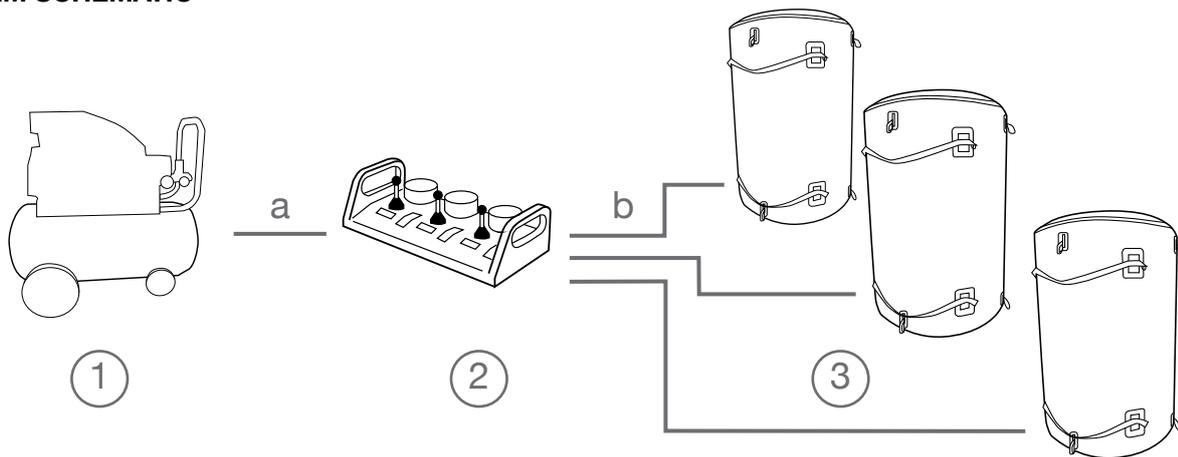
- Repair Kit (with glue: 600005, without glue for US shipping: 600021)

# HIGH LIFT BAGS - 0.5 BAR

## TECHNICAL DETAILS

	120	210
Product Code	LB0077	LB0078
Materials	Neoprene Coated Nylon	
Diameter (cm/in)	Ø135 / Ø53"	Ø145 / Ø57"
Inflated Height (cm/in)	120 / 47"	210 / 83"
Deflated Height (cm/in)	10 / 4"	10 / 4"
Max. Pressure (bar/psi)	0.5 / 7.2	0.5 / 7.2
Lift at Max. Pressure (kg/lb)	7,200 / 15,800	9,000 / 19,800
Air Requirements (ltr/ft³)	2,500 / 88	5,200 / 184
Weight (kg/lb)	38.5 / 85	48.5 / 107

## SYSTEM SCHEMATIC



# CATCH BAGS



MFC International Catch Bags are designed to be used in conjunction with our low-pressure high-lift air bags during the up-righting of vehicles or trailers.

Catch Bags prevent a rapid and dangerous decent, which prevents further damage to the vehicle or object being righted, and allows for a safer environment for the recovery team.

## FEATURES

- Quick setup, inflation and deflation
- Webbing loops assist with lifting and positioning the bags
- Strong and durable
- Replaceable protective cover
- Inflation sock with Camlock 1½” plug coupling
- Multiple Catch Bags may be used for larger vehicles or objects

## USED FOR

- Slow decent of vehicles during uprighting

## SUPPLIED WITH

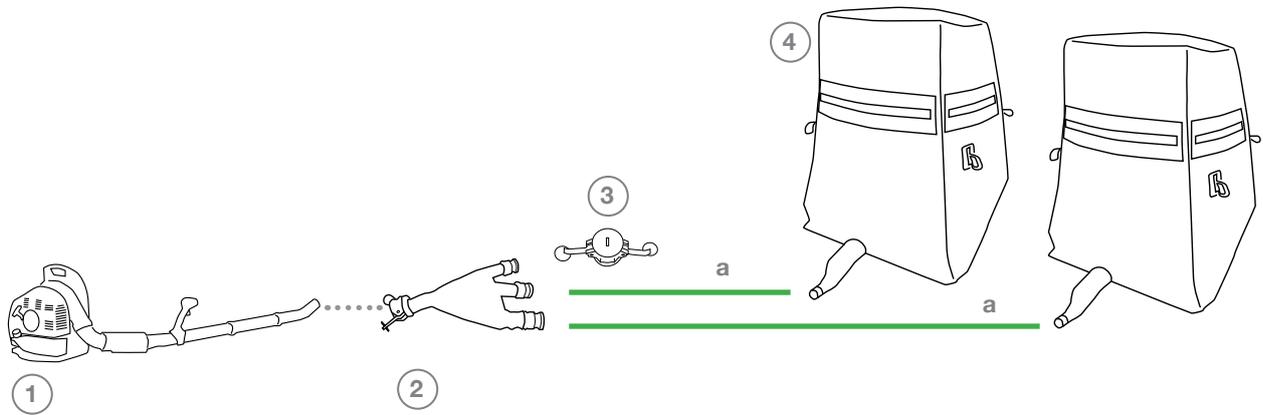
- Repair Kit (600041)

## TECHNICAL DATA

		CATCH BAGS	CAR CATCH BAGS
Product Code		LB0076/001	LB0079
Material		TPU / Polyester / TPU	TPU / Polyester / TPU
Dimensions (cm/inch)	Top	 100 x 80 / 39.4 x 31.5”	150 x 50 / 59 x 19.7”
	Bottom	 140 x 120 / 55 x 47”	150 x 110 / 59 x 43.3”
	Height	 160 / 63”	110 / 43.3”
Max. Operating Pressure (bar/psi)		0.2 bar / 2.9 psi	0.2 bar / 2.9 psi
Packed Weight (kg/lbs)		14 / 31	8 / 18
Packed Size (cm/inch)		85 x 34 x 30 / 33.5 x 13.4 x 11.8”	65 x 34 x 25 / 25.6 x 13.4 x 9.8”
Valise Part Number		590018	590012

# CATCH BAGS

## SYSTEM SCHEMATIC & COMPONENTS - TWO BAG SYSTEM EXAMPLE



## SYSTEM COMPONENTS

1



Stihl BR 350 Petrol Backpack Leaf Blower  
With coupling adapter [Camlock 1 1/2" Plug]  
(SP0158)

2



Distributor, 3-Way  
[Camlock 1 1/2" Skt x1, Plg x3]  
(SP0157)

3



Blind Coupling  
[Camlock 1 1/2" Socket]  
(358342)

4



Catch Bag  
[Camlock 1 1/2" Plug]  
(LB0076/001)

or

4



Car Catch Bag  
[Camlock 1 1/2" Plug]  
(LB0079)

a



Green Hose, 10m  
[Camlock 1 1/2" Socket x2]  
(HS-07-02-10-31-31)



Catch Bag Repair Kit  
(600041)

# CONTROLLER - HAND HELD



The push-button Hand-held Controller is compact and lightweight and can be easily operated with one hand.

The aluminium body makes it durable and reduces weight. It is ideal for use with low or high pressure lifting bags.

## FEATURES

- Lightweight and easily portable
- Pressure gauges are recessed into the body for protection
- Different colours available
- Textured rubber hand grip ideal for cold/hot climates, provides a positive grip when wet or icy
- Can be operated with compressor, SCUBA breathing air cylinder and regulator or truck brake air source
- Available in either 3 bar or 8 bar.

- Available with 1 or 2 outlets
- Housing available in yellow as standard, other colours available on request

## USED FOR

- Crisis rescue
- Road traffic accidents
- Lifting light aircraft and vehicles

PRODUCT CODES	1 OUTLET	2 OUTLETS	OUTLET COUPLING	RECOMMENDED REGULATOR
3 Bar Controller	CO0067	CO0070	Geka	8 Bar
8 Bar Controller	CO0074	CO0076	S. 25 Female	8 Bar

*Alternate couplings available on request*

# CONTROLLER - ALUMINIUM



The Aluminium Control Unit is a robust and durable controller with an impact resistant design. The body is made of aluminium with plastic protective handles at either end and models are available for use for use with MFC International's low pressure and high pressure lifting bags.

The controller is supplied as standard with a female type 26 inlet coupling and either Geka couplings (1 bar controllers) or Type 25 female couplings (8 bar and 12 bar controllers); other couplings are available on request.

## FEATURES

- Lightweight and easily portable
- Pressure gauges have a rubber protective surrounds
- Housing available in orange as standard, other colours available on request
- Pressure sensitive 'deadman' control joystick for each outlet
- Can be operated with compressor, SCBA breathing air cylinder and regulator or truck brake air source
- Models available for either 1 bar, 8 bar or 12 bar control
- Available with 2 or 3 outlets (for individual control of up to three mats or a single three tier bag)

## USED FOR

- Crisis rescue
- Road traffic Accidents
- Lifting light aircraft and vehicles

TECHNICAL DATA	DOUBLE OUTLET	TRIPLE OUTLET	INLET COUPLING	OUTLET COUPLINGS	RECOMMENDED REGULATOR
Product Code (12 bar models)	CO0091	CO0109	Type 26 Female	Series 25 Female	12 bar
Product Code (8 bar models)	CO0055	CO0058	Type 26 Female	Series 25 Female	8 bar
Product Code (1 bar models)	CO0130	TBC	Type 26 Female	GEKA	2 or 8 bar

# STANDARD REGULATOR



The Standard Regulator is designed to be used with an air cylinder to reduce the amount of pressure which is leaving the cylinder and entering the inflatable product.

The regulator contains a shut off valve which stops the air flowing through the hose.

## FEATURES

- Manufactured to ISO 2503
- Max. Input pressure 300 Bar
- Available in 8 bar or 12 bar output
- Available as a regulator only or with attached hose and coupling/fitting
- Supplied with padded storage box

## USED FOR

- Reducing BA cylinder pressure for inflation of rescue equipment

## SUPPLIED WITH

- Hard shell carry case

# STANDARD REGULATOR

TECHNICAL DATA	8 BAR REGULATOR	12 BAR REGULATOR
Single Stage Regulator	8 bar	12 bar
Product Code (regulator only)	RE0034	RE0039
Product Code (regulator & 2m 'lifting bag' hose) <i>With Series 26 male outlet for lifting bag controllers</i>	RE0034/004	RE0039/004
Product Code (regulator & 2m 'inflation' hose) <i>With C7 hose fitting for inflatable shelters, boats etc</i>	RE0034/006	-
Max. Pressure Gauge	0-400 / 300 bar	0-400 / 300 bar
Working Gauge	0-16 / 8 bar	0-16 / 12 bar
Max. Inlet Pressure	300 bar	300 bar
Working Pressure	0-8 bar adjustable	0-12 bar adjustable
Max. Output	30 m <sup>3</sup> /h compressed air at 8 bar	TBC
Relief Valve	Opens at Ca.10-11bar	TBC
Pack Size (mm)	210 x 195 x 75	210 x 195 x 75
Weight (kg)	1.5	1.5
Outlet Coupling (regulator)	Series 26 Female	Series 26 Female

# HOSES



MFC international manufacture a range of hoses for use with our inflatable product range, including high and low pressure air hoses and water hoses for decontamination and water storage systems.

Hoses are available in a range of colours and sizes and with a wide variety of couplings. Our standard hose range is designed to ensure that all of our equipment connects together effortlessly, but alternate couplings to match pre-existing equipment are available if required - see the special order sheet at the back.

## FEATURES

- Lengths from 2 to 10m
- Available in a range of colours for easier identification when using multiple lifting bags
- Wide range of coupling options

## ACCESSORIES

- Shut-off valve
- Y-piece

## USED FOR

- Lifting bags
- Inflatable rescue equipment
- Decontamination showers
- Water storage equipment
- Inflatable packers

# HOSES

## HIGH PRESSURE OUTLET AIR HOSES

Used to connect between controllers and high-pressure lifting bags

N.B. Hoses are clearly marked to ISO 5774/2008 with max working pressure and bore



Colour	Length	Int./Ext. Diameter	Maximum Pressure	First Coupling	Second Coupling	Product Code
Red	2m*	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-01-02-06-07
	5m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-01-05-06-07
	10m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-01-10-06-07
Green	2m*	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-02-02-06-07
	5m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-02-05-06-07
	10m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-02-10-06-07
Blue	2m*	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-03-02-06-07
	5m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-03-05-06-07
	10m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-03-10-06-07
Yellow	2m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-04-02-06-07
	5m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-04-05-06-07
	10m	8/13mm	20 bar	S.25 Plug	S.25 Socket	HS-01-04-10-06-07

\* N.B. These items are on longer lead-times

## LOW PRESSURE OUTLET AIR HOSES

Used to connect between controllers and low-pressure lifting bags

N.B. Hoses are clearly marked to ISO 5774/2008 with max working pressure and bore



Colour	Length	Int./Ext. Diameter	Maximum Pressure	First Coupling	Second Coupling	Product Code
Red	2m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-01-02-13-13
	5m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-01-05-13-13
	10m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-01-10-13-13
Green	2m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-02-02-13-13
	5m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-02-05-13-13
	10m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-02-10-13-13
Blue	2m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-03-02-13-13
	5m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-03-05-13-13
	10m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-03-10-13-13
Yellow	2m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-04-02-13-13
	5m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-04-05-13-13
	10m	19/25mm	3.5 bar	GEKA	GEKA	HS-02-04-10-13-13

# HOSES

## INLET AIR HOSES

Used to connect between regulators and controllers, and between packer controllers and packers  
N.B. Hoses are clearly marked to ISO 5774/2008 with max working pressure and bore



Colour	Length	Int./Ext. Diameter	Maximum Pressure	First Coupling	Second Coupling	Product Code
Yellow	2m	8/13mm	20 bar	S.26 Plug	S.26 Plug	HS-01-04-02-06-06
	5m	8/13mm	20 bar	S.26 Plug	S.26 Plug	HS-01-04-05-06-06
	10m	8/13mm	20 bar	S.26 Plug	S.26 Plug	HS-01-04-10-06-06

## DELIVERY (INFLATION) AIR HOSES

Used to connect between regulators and inflatable rescue equipment (Rescue paths, shelters etc)  
N.B. Max working pressure clearly is marked on the hose



Colour	Length	Int./Ext. Diameter	Maximum Pressure	First Coupling	Second Coupling	Product Code
Black	1m	8/13mm	10 bar	S.26 Plug	D7 Hose Fitting	HS-04-05-01-27-06
	2m	8/13mm	10 bar	S.26 Plug	D7 Hose Fitting	HS-04-05-02-27-06
	5m	8/13mm	10 bar	S.26 Plug	D7 Hose Fitting	HS-04-05-05-27-06
	10m	8/13mm	10 bar	S.26 Plug	D7 Hose Fitting	HS-04-05-10-27-06

## CLEAN WATER HOSES

Used to connect between pillow tanks, pumps etc for the clean (potable) water supply on decontamination showers



Colour	Length	Int./Ext. Diameter	Maximum Pressure	First Coupling	Second Coupling	Product Code
Green	2m	25/33 mm	7 bar	CAMLOK	CAMLOK	HS-05-02-02-22-22
	5m	25/33 mm	7 bar	CAMLOK	CAMLOK	HS-05-02-05-22-22
	10m	25/33 mm	7 bar	CAMLOK	CAMLOK	HS-05-02-10-22-22

## DIRTY WATER HOSES

Used to connect between the sump pump and the dirty water storage pillow tank on decontamination showers



Colour	Length	Int./Ext. Diameter	Maximum Pressure	First Coupling	Second Coupling	Product Code
Clear	2m	25/33 mm	5 bar	CAMLOK	CAMLOK	HS-06-06-02-22-22
	5m	25/33 mm	5 bar	CAMLOK	CAMLOK	HS-06-06-05-22-22
	10m	25/33 mm	5 bar	CAMLOK	CAMLOK	HS-06-06-10-22-22

# HOSE COUPLINGS

## STANDARD COUPLINGS

<p><b>SERIES 26</b> Used on regulators and controllers inlet port</p>	<p><b>SERIES 25</b> Used on the outlet of high pressure controllers and high pressure lifting bags</p>		<p><b>GEKA Locking 3/4"</b> Used on low pressure lifting bags</p>	<p><b>D7 HOSE FITTING</b> Used for inflating rescue equipment</p>
 <p><b>10</b> Socket P/N: 010451</p>	 <p><b>06</b> Plug P/N: 010026</p>	 <p><b>07</b> Socket P/N: 010248</p>	 <p><b>13</b> Universal P/N: 010527</p>	 <p><b>27</b> Plug P/N: 050083</p>

## ALTERNATE COUPLINGS

<p><b>CAMLOK (1")</b> Used on water storage, water pumps &amp; decontamination showers</p>		<p><b>SERIES 19</b></p>		<p><b>STORZ (52-C)</b> Alternate option on water storage etc</p>
 <p><b>35</b> Plug P/N: 358354</p>	 <p><b>22</b> Socket P/N: 050084</p>	 <p><b>04</b> Plug P/N: 010433</p>	 <p><b>05</b> Socket P/N: 010098</p>	 <p><b>24</b> Universal P/N: 010586</p>
<p><b>SERIES 27</b> Alternative option on low pressure lifting bags &amp; controllers</p>		<p><b>INSTANT AIR</b> Alternative option on high pressure lifting bags &amp; controllers</p>		<p><b>Guilemin DN50</b> Alternate option on water storage etc</p>
 <p><b>11</b> Plug P/N: 010376</p>	 <p><b>12</b> Socket P/N: 010107</p>	 <p><b>09</b> Plug P/N: 010555</p>	 <p><b>18</b> Socket P/N: 010004</p>	 <p><b>34</b> Universal P/N: 010612</p>

# HOSE

## HOSE TYPE

<b>HIGH PRESSURE</b> Reinforced PVC 8/13mm, 20Bar	<b>LOW PRESSURE</b> Reinforced PVC 19/25mm	<b>LOW PRESSURE</b> Reinforced PVC 25/33mm	<b>LOW PRESSURE</b> Reinforced PVC 25/33mm
			
<p style="text-align: center;"><b>01</b></p> Red, Green, Blue or Yellow 1/4" BSP Male	<p style="text-align: center;"><b>02</b></p> Red, Green, Blue or Yellow 3/8" BSP Male	<p style="text-align: center;"><b>05</b></p> Green Potable Water	<p style="text-align: center;"><b>06</b></p> Clear Non-Potable Water

## HOSE ATTRIBUTES

HOSE COLOUR		HOSE LENGTH	
Red	<b>01</b>	1m / 3 ft 4 in	<b>01</b>
Green	<b>02</b>	2m / 6 ft 7 in	<b>02</b>
Blue	<b>03</b>	5m / 16 ft 5 in	<b>05</b>
Yellow	<b>04</b>	10m / 32 ft 10 in	<b>10</b>
Black	<b>05</b>		
Clear	<b>06</b>		

## HOSE PRODUCT CODING SYSTEM

Hose	-	Type	-	Colour	-	Length	-	1 <sup>st</sup> End Coupling	-	2 <sup>nd</sup> End Coupling
<b>HS</b>	-	<b>01</b>	-	<b>02</b>	-	<b>05</b>	-	<b>06</b>	-	<b>07</b>
		High Pressure		Green		5m		Series 25 Plug		Series 25 Socket

Finished product code: HS-01-02-05-06-07 (A green, 5m length high pressure hose with an S25 plug coupling one end, an S25 socket coupling on the other end).

# DECON SHOWER - SINGLE



Lightweight and quick to deploy, the inflatable Single Decontamination Shower from MFC International allows for rapid response in a decontamination scenario. Fully inflatable, the shower 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. Showers can be used on hard or soft standing, and guy ropes are provided for securing in position during inclement weather.

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.

Single Decontamination Showers come with a viewing window and optional chemically resistant nitrile rubber gloves to allow assisted decontamination by a third party stood outside of the unit.

## FEATURES

- Lightweight and easily portable
- Set up within a matter of minutes and will stay standing without continuous inflation
- Raised floor panels prevent contact with contaminated shower wash off which is collected in a PVC chemically resistant sump
- Sleeves for pumped extraction of contaminated water are included as standard
- Showers fitted with the optional sleeves and chemical resistant nitrile rubber gloves allow a second person to assist washing down the contaminated person
- Can be used on hard or soft standing and guy ropes are provided for securing in position
- Minimal training, servicing and maintenance costs
- Available in Yellow PU material or Orange PVC material

## USED FOR

- Decontamination scenarios

🌐: [www.mfc-international.com](http://www.mfc-international.com)  
☎: +44 (0)1443 433 075

## SUPPLIED WITH

- Valise (see next page for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (TPU: 600008, PVC: 600009)

## OPTIONS & ACCESSORIES

- Integral sump unit
- Gloves & sleeves
- Non-slip self draining matting
- Colour coded groundsheet
- Customer logo (LETTERING)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 80)

# DECON SHOWER - SINGLE

TECHNICAL DATA	Single Decon	
	Single Decon	Single Decon with Sump
Length (cm)	160	160 +140
Int. Length (cm)	120	120
Width (cm)	147	147
Int. Width (cm)	100	100
Height (cm)	265	265
Int. Height (cm)	240	240
Working Pressure (bar)	0.38	0.38
No. of chambers	1	1
Air Requirements (ltr)	650	825
Max. Water Inlet Pressure (bar)	3	3
Recommended pump flow-capacity (liters/minute)	7 ltr/min per nozzle	7 ltr/min per nozzle
Number of Shower Nozzles	2	2
Number of Connectors	2	2
Number of Tubing Sleeves	1	1
Pack size (cm) - TPU - PVC	74 x 45 x 30 88 x 71 x 50	74 x 45 x 30 88 x 71 x 50
Weight (kg) - TPU - PVC	25 32	28 35
Valise Part Number	590010	590019

PRODUCT CODES	TPU		PVC	
	TPU	PVC	TPU	PVC
Decon Shower	DSW022/020	DSW022/025		
	DSW022/020S	DSW022/025S		
Decon Shower with Gloves	DSW022/021	DSW022/024		
	DSW022/021S	DSW022/024S		
Decon Shower with Sump	DSW022/022	DSW022/026		
	DSW022/022S	DSW022/026S		
Shower with Sump & Gloves	DSW022/023	DSW022/027		
	DSW022/023S	DSW022/027S		

● **CAMLOCK Coupling System**  
For a system with CAMLOCK couplings throughout order codes in green

● **Storz Coupling System**  
For a system with Storz D25 couplings throughout order codes in blue

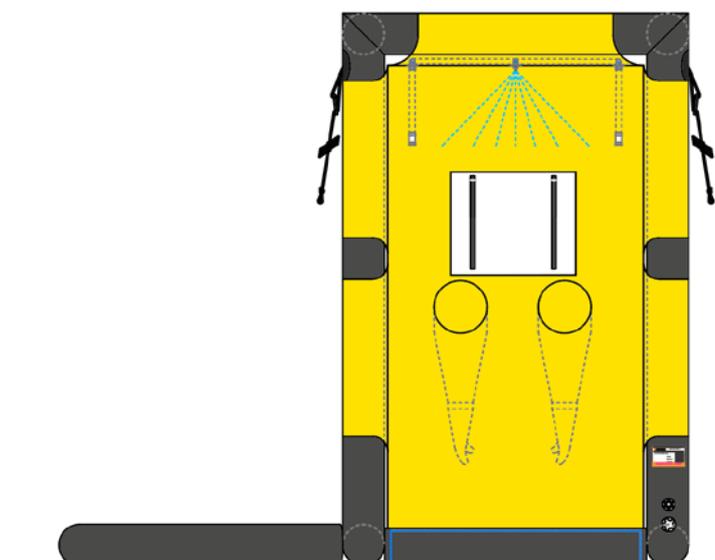
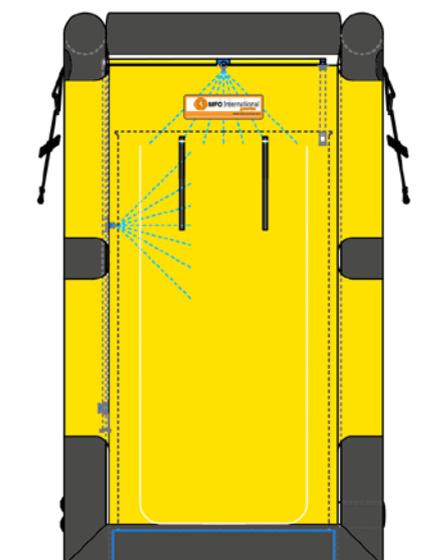


Yellow TPU Version



Orange PVC Version

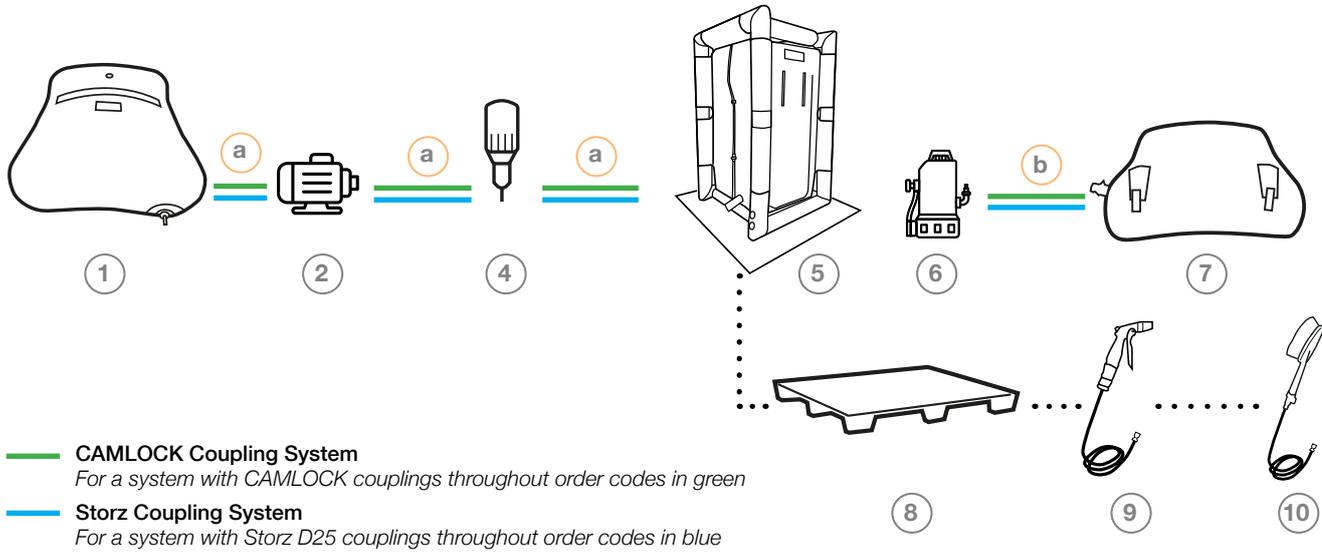
## DETAIL DRAWING



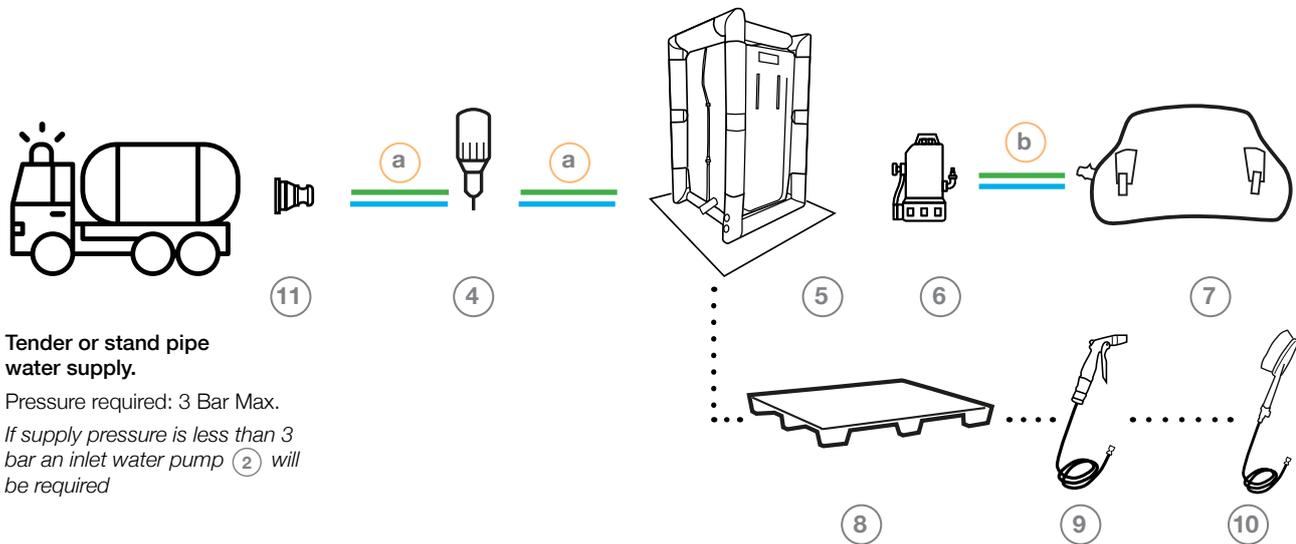
Shown with optional gloves and sump

# DECON SHOWER - SINGLE

## SYSTEM SCHEMATIC & COMPONENTS - PILLOW TANK SUPPLIED SYSTEM



## SYSTEM SCHEMATIC & COMPONENTS - TENDER SUPPLIED SYSTEM



# DECON SHOWER - FOUR PERSON



Lightweight and quick to deploy, the inflatable Four Person Decontamination Unit from MFC International allows for rapid response in a decontamination scenario.

The shower has entrance and exit zippered roll-up doors with a separate curtain fitted behind. A detachable internal partition is also provided. The shower system has two separate water feeds allowing the front half of the shower to be fed with water treated with a cleanser or neutralising agent, while the back half can be used to rinse off with clean water.

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 during inclement weather.

## FEATURES

- Lightweight and easily portable
- Set up within a matter of minutes and will stay standing without continuous inflation
- Raised floor panels and/or non-slip matting (both sold separately) 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
- Can be used on hard or soft standing and guy ropes are provided for securing in position
- Integral detachable groundsheet
- Two external shut off taps provide individual control of front and back shower stations - shower brush connectors are always 'on' as guns & brushes have individual controls - other options on request
- Minimal training, servicing and maintenance costs

## USED FOR

- Decontamination scenarios

## SUPPLIED WITH

- Valise (see next page for p/n)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Repair kit (600008/01)
- Detachable internal partition (530176)
- Accessories kit bag, containing galvanised ground fixing pegs, rubber mallet and hand pump (590028/1)

## OPTIONS

- Customer logo (LETTERING)
- External inflatable sump after exit door (inflates with shower)
- Entrance & Exit Markings
- Non-slip self draining matting
- Colour coded groundsheet

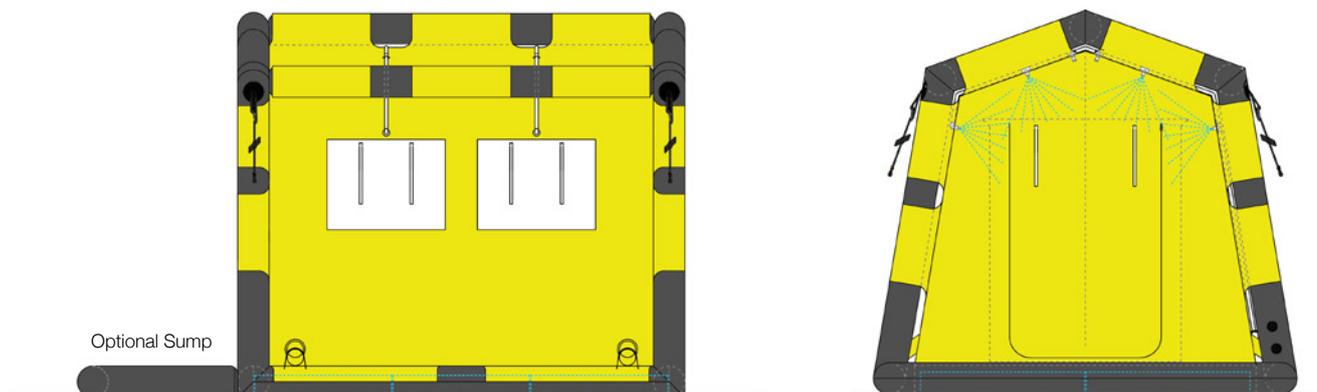
# DECON SHOWER - FOUR PERSON

## TECHNICAL DATA

	MD4	MD4 WITH SUMP
Product Code (CAMLOCK Coupling)	DSW017/005 <span style="color: green;">●</span>	DSW017/003 <span style="color: green;">●</span>
Product Code (Storz Coupling)	DSW017/007 <span style="color: blue;">●</span>	DSW017/006 <span style="color: blue;">●</span>
Length (cm)	350	350 + 105 (Sump)
Internal Length (cm)	300	300
Width (cm)	290	290
Internal Width (cm)	240	240
Height (cm)	290	290
Internal Height (cm): Maximum (without pallet floor)	260	260
Average (with pallet floor fitted)	246	246
Working Pressure (bar)	0.37	0.37
Number of Chambers	1	1
Air Requirements (ltr)	1370	1630
Max. Water Inlet Pressure (bar)	3	3
Minimum Recommended Flow (ltr)	7 ltr/min per nozzle	7 ltr/min per nozzle
Number of Shower Nozzles	8	8
Number of Shower Hose/Brush Connectors	4	4
Number of Tubing Sleeves	4	4
Windows & Blinds	4	4
Pack Size (cm)	128 x 70 x 50	128 x 70 x 50
Weight (kg)	55	60
Valise Part Number	590019	590020

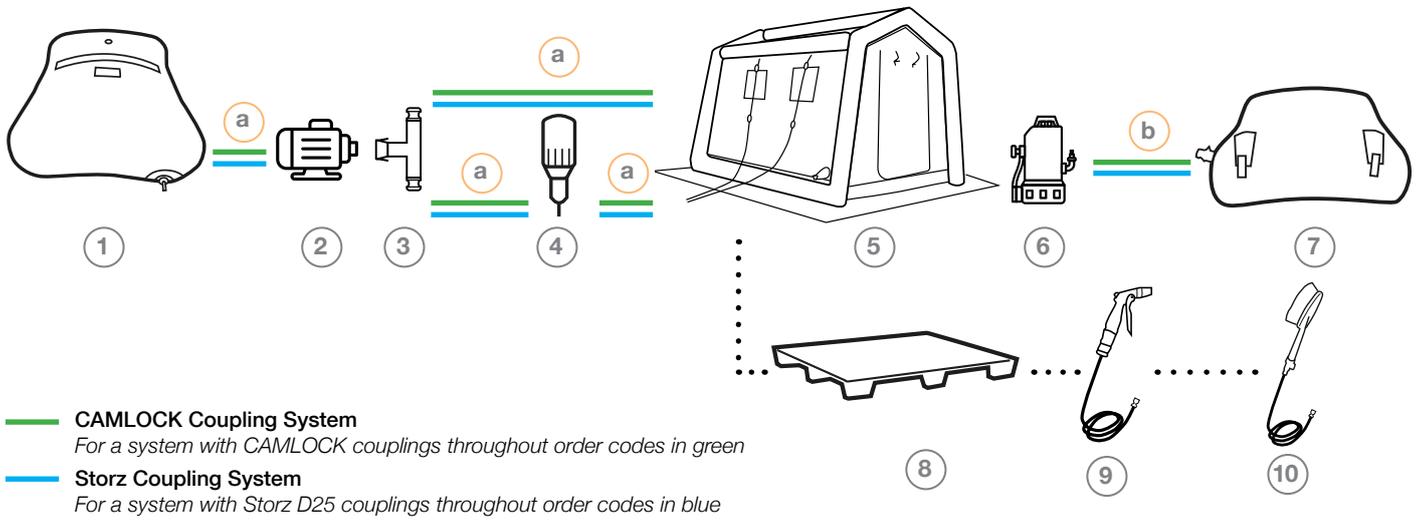
- **CAMLOCK Coupling System**  
For a system with CAMLOCK couplings throughout order codes in green
- **Storz Coupling System**  
For a system with Storz D25 couplings throughout order codes in blue

## DETAIL DRAWING

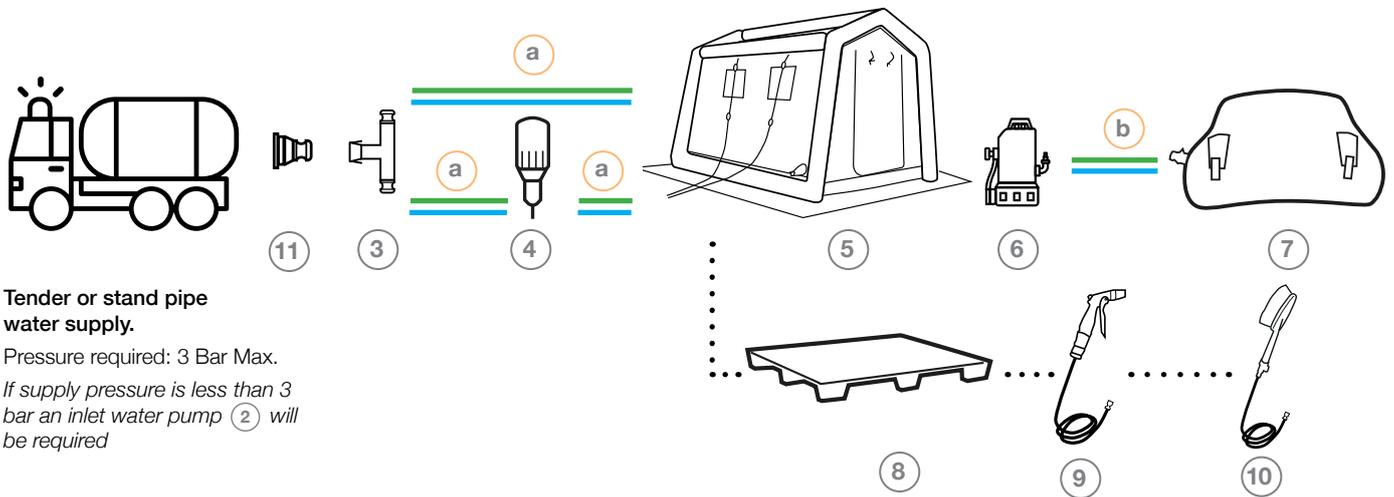


# DECON SHOWER - FOUR PERSON

## SYSTEM SCHEMATIC & COMPONENTS - PILLOW TANK SUPPLIED SYSTEM



## SYSTEM SCHEMATIC & COMPONENTS - TENDER SUPPLIED SYSTEM



# DECON SHOWER - MASS



Compact and quick to deploy, the inflatable Mass Decontamination Unit from MFC International allows for rapid response in a decontamination scenario.

Fully inflatable, the Decontamination Shower can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are relatively lightweight to transport and compact to store.

Two styles are available; a domed shape shower unit with the canopy fitted outside the frame (for greater internal headroom and improved performance in snow), and a 'tent' shaped unit with the canopy suspended from the frame (for simpler removal of the canopy after use).

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

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 during inclement weather.

## FEATURES

- Compact and easily portable
- Set up within a matter of minutes and will stay standing without continuous inflation
- The Mass decontamination unit is internally partitioned into three lanes with pre and post decon changing rooms
- 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
- Can be used on hard or soft standing
- Minimal training, servicing and maintenance costs

## USED FOR

- Decontamination scenarios

🌐 [www.mfc-international.com](http://www.mfc-international.com)

☎ +44 (0)1443 433 075

## SUPPLIED WITH

- Valise (590016)
- Repair kit (600008/1)
- 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
- Accessories kit bag, containing galvanised ground fixing pegs, rubber mallet and hand pump (590028/2)

## OPTIONS & ACCESSORIES

- Customer logo (LETTERING)
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 80)

# DECON SHOWER - MASS

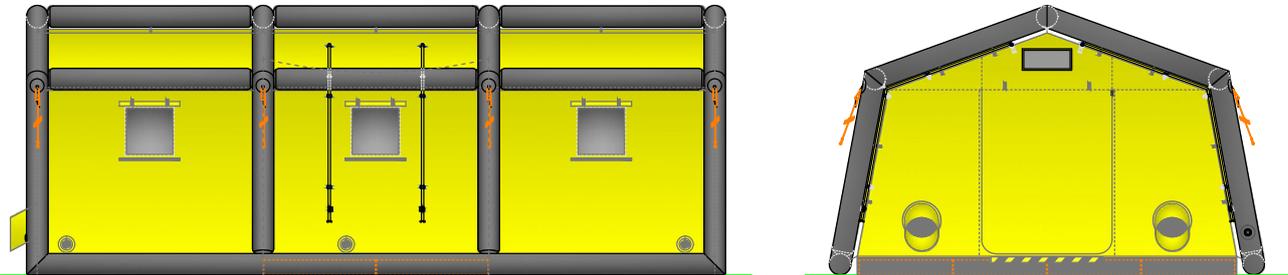
## TECHNICAL DATA

Mass Decon Unit (ext. Frame)	
Product Code	<span style="color: green;">●</span> DSW026 <span style="color: blue;">●</span> DSW026S
Length (cm)	750
Int. Length (cm)	730
Width (cm)	470
Int. Width (cm)	410
Height (cm)	290
Int. Height (cm)	260
Int. Floor Area (sq.m)	30
Air Requirements (ltr)	3800
Working Pressure (bar)	0.38

Mass Decon Unit	
Max. Water Inlet Pressure (bar)	3
Recommended Pump Flow-Capacity (ltrs)	5 ltr/min per nozzle
Number of Shower Nozzles	12
Number of Shower Hose/Brush Connectors	4
Number of Heater Sleeves	2
Number of Cable sleeves	6
Pack Size (cm)	160 x 80 x 60
Weight (kg)	110

- **CAMLOCK Coupling System**  
 For a system with CAMLOCK couplings throughout order codes in green
- **Storz Coupling System**  
 For a system with Storz D25 couplings throughout order codes in blue

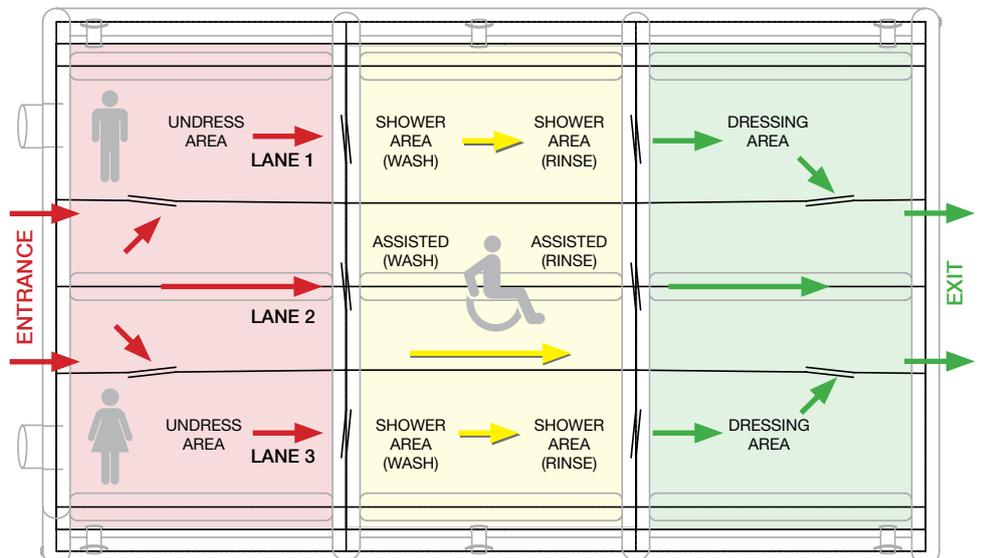
## DETAIL DRAWING



## INTERNAL LAYOUT

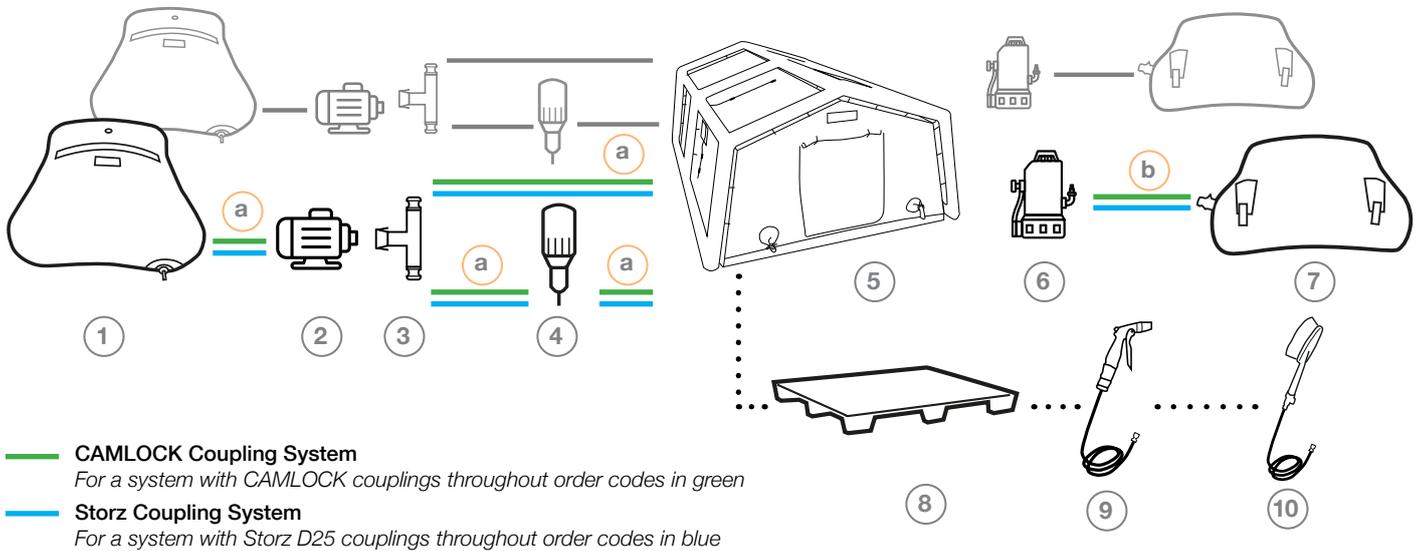
The diagram on the right shows the different compartments of the Mass Decontamination shower. It also shows how the user enters the decontamination shower and shows the direction of travel. The areas are colour coded:

- **Red** - designates the contaminated area where the user will enter the unit
- **Yellow** - designates the area where the user will wash off any contamination
- **Green** - designates the clean, post decontamination area

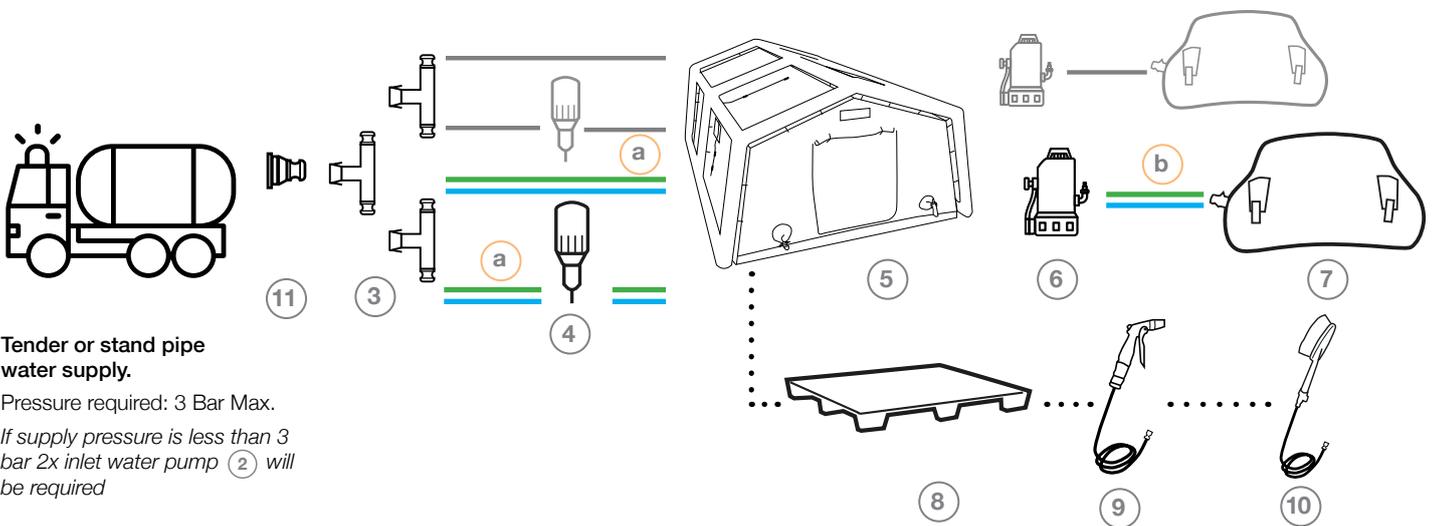


# DECON SHOWER - MASS

## SYSTEM SCHEMATIC & COMPONENTS - PILLOW TANK SUPPLIED SYSTEM



## SYSTEM SCHEMATIC & COMPONENTS - TENDER SUPPLIED SYSTEM



# DECON SHOWER - COMPONENTS

## SYSTEM COMPONENT REQUIREMENTS

	SINGLE PERSON DECON	FOUR PERSON DECON	MASS DECON
① Clean Water Pillow Tank	x1 (min.)	x1 (min.)	x2 (min.)
a Clean Water Hoses	x3	x4	x8
② Inlet Water Pump	x1	x1	x2
③ T-Piece	-	x1	x2
④ Dosatron & Trolley	x1	x1	x2
⑥ Sump Pump	x1	x1	x2
b Dirty Water Hoses	x1	x1	x2
⑦ Dirty Water Pillow Tank	x1	x1	x2
⑧ Standard Floor Pallet	-	x3	x6
⑧ Cut-out Floor Pallet for Pump	x1	x1	x2
⑨/⑩ Brush/Spray Gun	x2	x4	x4

## SYSTEM COMPONENTS

①



**Clean (Potable) Water Pillow Tank (1000 ltr)**  
- Other sizes available, see website for details

Product code:  
With Camlock Coupling  
WS0028/21  
With Storz Coupling  
WS0028/23

②



**Inlet Water Pump (230V)**  
Product code:  
With Camlock Couplings  
DSA002/21  
With Storz Couplings  
DSA002/23

③



**T-Piece**  
Product code:  
With Camlock Couplings  
DSA009/22/21  
With Storz Couplings  
DSA009/23/23

④



**Dosatron with Trolley**  
Product code:  
With Camlock Couplings  
DSA005/21  
With Storz Couplings  
DSA005/23

# DECON SHOWER - COMPONENTS

## SYSTEM COMPONENTS (CONTINUED)

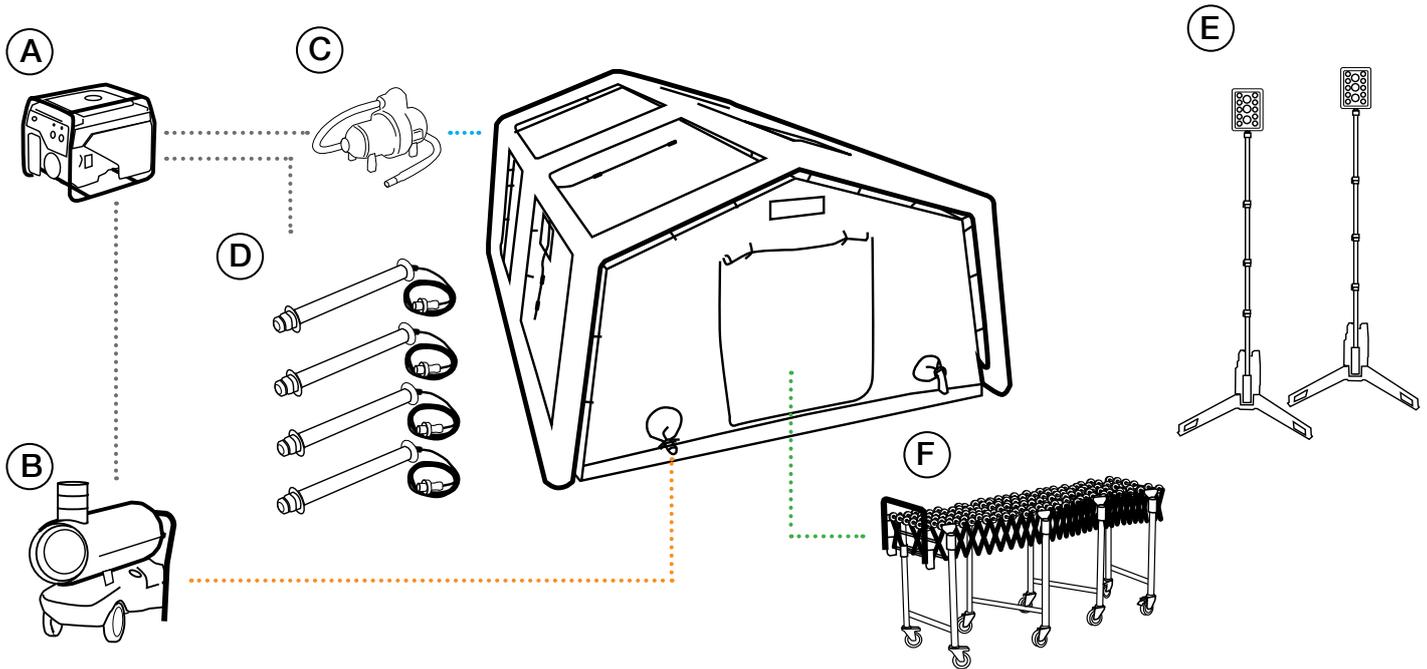
- 5  **Decontamination Shower**  
See the following pages for product codes:  
Page 62 - Single Decon  
Page 65 - 4 Person Decon  
Page 68 - Mass Decon  
Use  codes for Camlock  
 codes for Storz
- 6  **Submersible (Sump) Pump**  
230VAC as standard, see website for 110V product details  
Product code:  
With Camlock Coupling  
**DSA004/21**  
With Storz Coupling  
**DSA004/23**
- 7  **Dirty (Contaminated) Water Pillow Tank (1000 ltr)**  
- Other sizes available, see website for details  
Product code:  
With Camlock Coupling  
**WS0017/21**  
With Storz Coupling  
**WS0017/23**
- 8  **Pallets for Decon Floor**  
Standard Pallet  
Product code: 140027  
Pallet with Pump Cut-Out  
Product code: DSA007
- 9  **Spray Gun & Hose**  
Product code: DSA008
- 10  **Spray Brush & Hose**  
Product code: 180035
- 11  **Adapter**  
- To connect fire tender or stand pipe outlet to the decon system in place of a pillow tank and pump.  
Quantity Required: x1  
Product code:  
*Various models available depending on outlet coupling - Contact sales for details & product codes*

## HOSES

- a  **Green Clean Water Hose (2m)**  
Product code:  
With Camlock Couplings  
**HS-05-02-02-22-22**  
With Storz Couplings  
**HS-05-02-02-23-23**
- b  **Clear Dirty Water Hose (2m)**  
Product code:  
With Camlock Couplings  
**HS-06-06-02-22-22**  
With Storz Couplings  
**HS-06-06-02-23-23**

# DECON SHOWER - ACCESSORIES

## ACCESSORY SCHEMATIC



**A**  
**Generator**  
 Honda 5.5kW 4-stroke petrol  
 (1x EG5500CL)



**D**  
**Waterproof LED Interior Lights**  
 23W, 2300 Lumens  
 (4x SLZ2323/5/01DWD - IP67 Lamp)  
 (4x SLZ005 - Hanging kit)



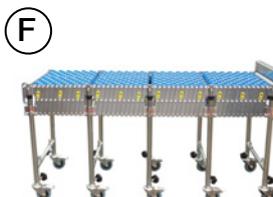
**B**  
**Heater & Ducting**  
**Small heater** - for a single shower  
 32kw heat output  
 (1x 1101503 - Heylo KS30T Heater)  
 (1x 91250069 - High temp air hose)  
**Larger Heater** - up to three showers/  
 shelters - 83kW heat output  
 (1x 1101600 - Heylo K80)  
 (1x 1200011 - Outlet plate)  
 (3x 1250081 - Air hose - 7.5m)  
 (3x 1250091 - Hose clamps)



**E**  
**Waterproof LED Exterior Rechargeable Flood Lights** - Max 16,000 Lumens  
 (2x NSSOLARISPRO)



**C**  
**Electric Inflator**  
 Bravo 2000 - 2kW, 230VAC  
 (1x 180026/001)  
*Equipment for inflation from compressed air cylinder also available*



**F**  
**Patient roller conveyor - 9m**  
 (1x CON9000)

# INFLATABLE SHELTERS



Inflatable Shelters provide a quickly deployable structure that is simple to use, lightweight, compact and easy to transport. They are ideal for emergency or humanitarian use, but have a wide range of other applications including field hospitals, command centres, crime scene preservation, storage areas and vehicle maintenance.

MFC International's range of inflatable shelters can be set up in a matter of minutes, and will stay standing without continuous inflation. With no mechanical framework the shelters are lighter and more compact once packed.

All shelters are supplied with 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.

The shelters are manufactured with a welded and taped PU frame that reduces weight and air leakage, allowing shelters to remain inflated for longer without the need for topping up (particularly in hot climates). The welded and taped canopy ensures seams remain waterproof even after repeated deployments and both the floor and canopy can be detached for easy cleaning.

Shelters are supplied with a comprehensive range of standard equipment, along with a large choice of optional add-ons such as heating, lighting and customer branding. The shelters are available with a choice of standard flame resistant (FR) canopy material colours, other colours are available in both FR & non FR materials if required. Shelters come with a white translucent roof as standard, but can be ordered with the roof in the main canopy colour as an option.

## FEATURES

- Lightweight and easily portable
- Sets up within a matter of minutes and will stay standing without continuous inflation
- Supplied with adjustable zipped entrances at the front and rear providing a versatile solution that allows two or more shelters to be linked together if required
- Can be anchored on hard or soft standing, and guy ropes are provided for use in inclement weather
- Minimal training, servicing and maintenance costs
- Detachable floor & canopy for easy maintenance

## USED FOR

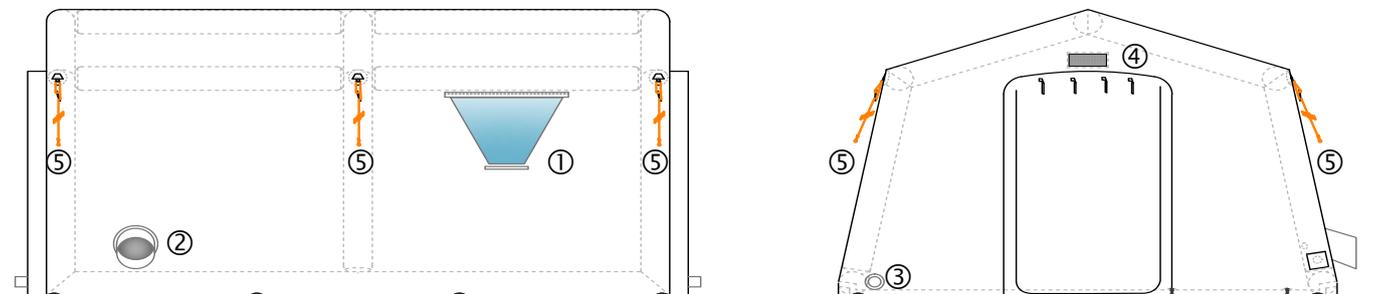
- Field Hospitals
- Command Centers
- Crime Scene Preservation
- Storage Areas
- Vehicle Maintenance Shelter

# INFLATABLE SHELTERS

TECHNICAL DATA	9	12	16	20	25	30	36	42	51
Product Code*	SHW/09/001	SHW/12/001	SHW/16/001	SHW/20/001	SHW/25/001	SHW/30/001	SHW/36/001	SHW/42/001	SHW/51/001
Length (cm)	300	400	400	500	500	600	600	700	850
Int. Length (cm)	300	400	400	500	500	600	600	700	850
Width (cm)	300	300	400	400	500	500	595	595	595
Int. Width (cm)	263	263	353	353	453	453	534	534	534
Height (cm)	263	263	280	280	290	290	308	308	308
Int. Height (cm)	238	238	254	254	265	265	275	275	275
Int. Floor Area (sq.m)	7.89	10.52	14.12	17.65	22.65	27.1	32.04		45.39
Air Requirements (ltr)	1300	1850	2600	2900	3050	3700	5900		8100
Working Pressure (bar)	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
Pack size (cm)	120x66x41	120x66x41	130x66x50	130x66x50	140x80x66	140x80x60	140x80x60		160x80x66
Weight (kg)	36	45	58	68	78	88	105		125
Valise Part Number	590019	590020	590020	590025	590025	590025	590016	590016	590022

\*All codes above are for white shelters with a white roof (product code ends 001) - see page 79 for alternate colour options

## DETAIL DRAWING



## SUPPLIED WITH

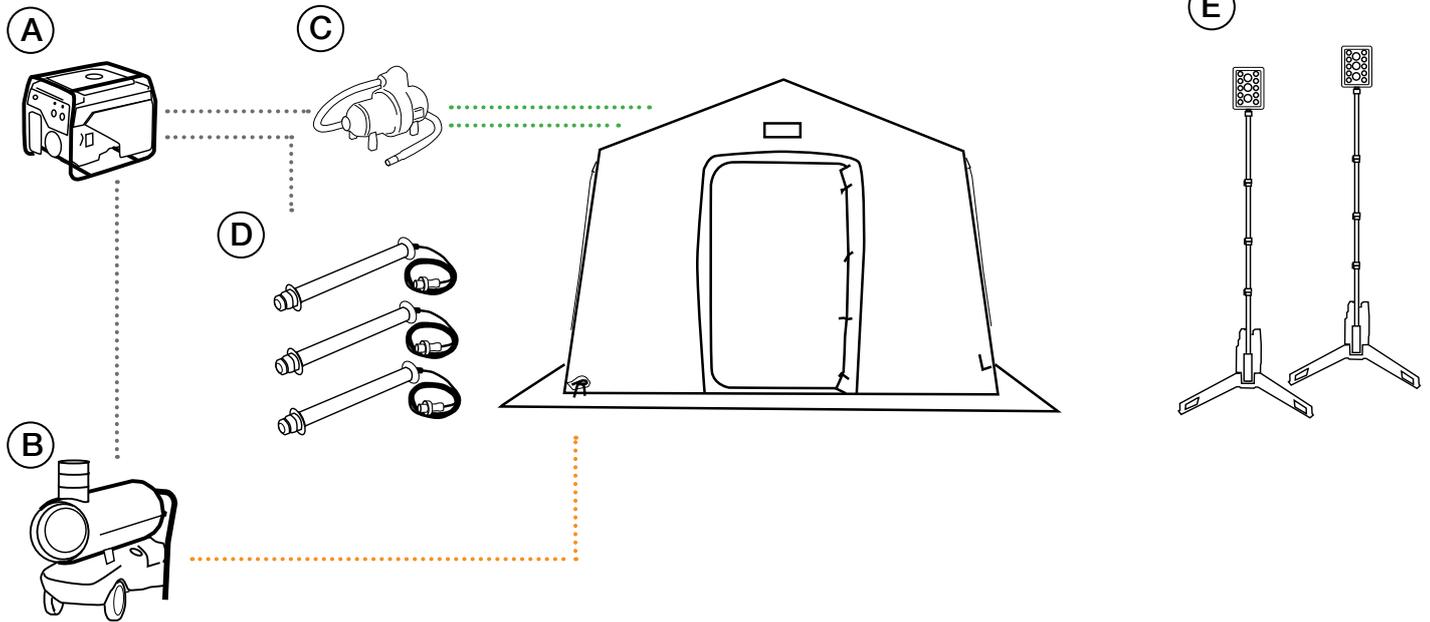
- ① Windows & blinds (2 total, one in each side wall)
- ② Heater sleeve (side) x1
- ③ Cable sleeves (one at each end) x2
- ④ Closable ventilation panel over each door
- ⑤ Guy lines and adjusters (6 or 8 depending on size)
  - Valise (See codes above)
  - Repair kit (600019 - white)
  - 1m delivery hose with D7 fitting (for use with regulator: HS-04-05-01-27-06)
  - Peg set & bag (530172)

## OPTIONS

- Customer logo (LETTERING)
- Additional windows & blinds
- Detachable floor panel
- 8 bar regulator (Regulator: RE0034, Regulator & Hose: RE0034/006)
- Inflation pumps (various options, see page 80)
- Additional cable or heater sleeves
- Electric heater
- Gas heater
- LED lighting & hanging brackets
- Ballast bags

# INFLATABLE SHELTERS

## ACCESSORY SCHEMATIC



**A**  
**Generator**  
 Honda 5.5kW 4-stroke petrol  
 (1x EG5500CL)



**B**  
**Heater & Ducting**  
 Mini Heater - for a single, smaller shelter - 9kW heat output  
 (1x 1101917 - Heylo DE9XL Heater)  
 Small heater - for a single shelter  
 32kW heat output  
 (1x 1101503 - Heylo KS30T Heater)  
 (1x 91250069 - High temp air hose)  
 Larger Heater - up to three shelters -  
 83kW heat output  
 (1x 1101600 - Heylo K80)  
 (1x 1200011 - Outlet plate)  
 (3x 1250081 - Air hose - 7.5m)  
 (3x 1250091 - Hose clamps)



**C**  
**ARS Electric Inflator**  
 Bravo Automatic inflator  
 (1x SP0155)  
*Equipment for inflation from compressed air cylinder also available (see previous page)*



**D**  
**Waterproof LED Interior Lights**  
 23W, 2300 Lumens  
 (TBD\*x SLZ2323/5/01DWD - IP67 Lamp)  
 (TBD\*x SLZ005 - Hanging kit)  
*\*We recommend 1x Lamp and hanging kit for every 4m<sup>2</sup> of floor area. When the shelter is used for medical treatment or detail work this number should be doubled.*



**E**  
**Waterproof LED Exterior Rechargeable Flood Lights** - Max 16,000 Lumens  
 (2x NSSOLARISPRO)

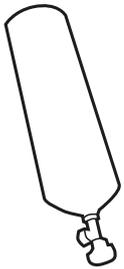
# INFLATABLE SHELTERS

COLOURS	Flame Retardant Material		Non-Flame Retardant Material	
	Self-Colour Roof	White Roof	Self-Colour Roof	White Roof
White	 001	-		
Green	 104	 004		
Orange			 106	 006
Yellow			 105	 005
Red			 102	 002
Black			 107	 007

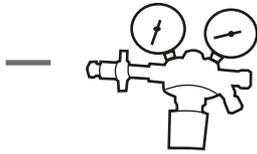
MATERIAL SPECIFICATIONS	Test Method	Flame Retardant Material	Non-Flame Retardant Material
Base Fabric	-	Nylon	Nylon
Total Weight	ISO 3801	265 +/- 20 gsm	265 +/- 20 gsm
Tensile Strength (a)	ISO 13934-1	1200 / 1000 N/50mm	1200 / 1000 N/50mm
Trapezoidal Tear Strength (b)	ISO 9073-4	> 45 / 36 N	60 / 53 N
Adhesion	ISO 2411	> 180 N/50mm	> 300 N / 50mm
Welded Seam Strength	ISO 2411	-	155 / 127 N/cm
Flex Cracking Resistance (9000 cycles)	ISO 7845-A	Pass	Pass
Flammability	FR 25.853 (a)(1)(iv)	Pass	
Complies with		ISO 12402-7 TSO c13f	ISO 12402-7

# SHELTER & DECON SHOWER INFLATION EQUIPMENT

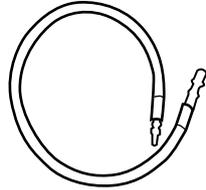
## OPTIONS FOR INFLATION



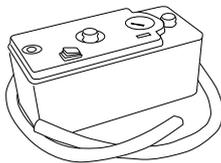
**B.A. Cylinder**  
(By others)



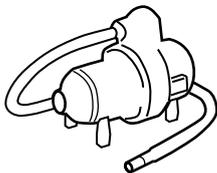
**8 bar Regulator**  
(RE0034)  
Regulator with  
fixed hose  
(RE0034/006)



**1m Delivery Hose**  
(Supplied with sled  
HS-04-05-01-27-06)



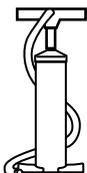
**Scoprega GE25  
Electric Inflator**  
(190009)



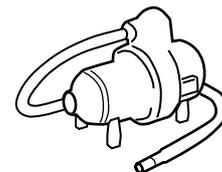
**Bravo2000  
Electric Inflator**  
(180026/001)



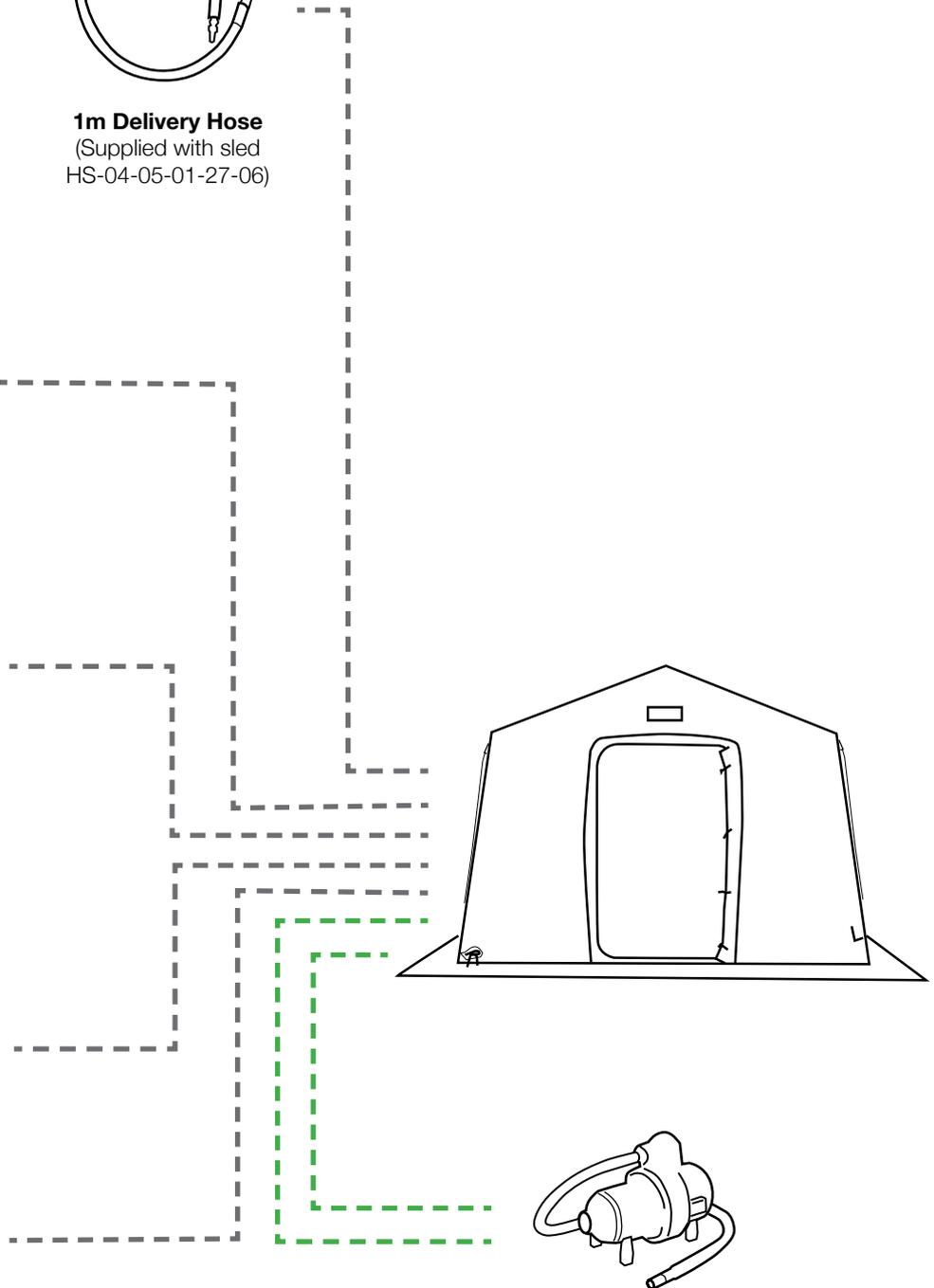
**Bravo10 Foot  
Pump**  
(180006)



**Bravo 4 ALU R.E.D Hand  
Pump**  
(180001)



**ARS Inflator**  
Automated inflation/deflation unit  
that maintains shelter pressure  
(SP0155)



# PILLOW TANKS



Pillow Tanks provide a robust and quickly deployable solution for the storage and transportation of water. There are two ranges of pillow tanks- Potable and non-potable.

Manufactured with integrated handles and lifting points on larger sizes, MFC International 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 PVC 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 potable drinking water, making them ideal for use in disaster relief situations.

MFC International Pillow Tanks are available in a range of sizes and colours, and we can 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.

## FEATURES

- Lightweight and easily portable when filled
- Suitable for use on various different vehicles
- Collapses down for compact storage when empty
- Exceptionally tough and durable
- A reliable solution for temporary or long term water storage
- Quick and straightforward to deploy
- Potable (drinking water) and non potable versions
- Minimal training, servicing and maintenance costs

## USED FOR

- Disaster Relief
- Temporary drinking water
- Contaminated water during decontamination

# PILLOW TANKS

## TECHNICAL DATA

	250	400	500	1000	3000	5000	6000	10000
Product Code: Potable	WS0025	WS0026	WS0027	WS0028	WS0031	WS0029	WS0033	WS0030
Product Code: Non-Potable	WS0014	WS0015	WS0016	WS0017	WS0020	WS0018	WS0032	WS0024
Capacity (litres)	250	400	500	1,000	3,000	5,000	6,000	10,000
Length (cm)	90	117	117	150	240	400	470	510
Width (cm)	80	75	95	150	225	225	225	220
Height (when full) (cm)	35	53	53	55	57	57	57	100

**Note:** Other sizes may be produced to order.

## SUPPLIED WITH

- 2.5" Coupling complete with ball valve
- Carrying handles (x4)

## OPTIONS

- Alternate couplings
- Repair kit

# INFLATABLE RESERVOIR

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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. 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

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## FEATURES

- Lightweight and easily portable
- Quick and Easy to fill
- A Flotation collar around the rim is inflated using a compressed air cylinder, hand pump or compressor
- As water is pumped into the reservoir the collar will automatically lift the sides of the tank with the rising water level, creating a fully self-supporting water storage solution in minutes
- They require minimal ground preparation before use
- Crease removing straps incorporated into the design
- Minimal training, servicing and maintenance costs

## USED FOR

- Emergency and disaster response situations
- Containment of liquids
- Storing chemical spillage waste

# INFLATABLE RESERVOIR

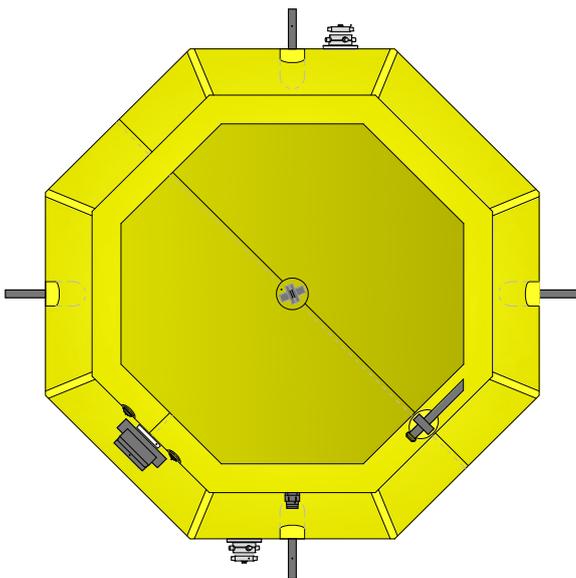
## TECHNICAL DATA

	500	1000	1500	2000	2500	3000	3500	4500	6000	7000	8000	9500	10000	12000	18000	
Product Code	WS0075	WS0076	WS0077	WS0078	WS0079	WS0080	WS0081	WS0082	WS0083	WS0084	WS0085	WS0086	WS0087	WS0089	WS0090	
Sides	4	4	4	6	6	6	6	6	8	8	8	8	8	8	8	
Base Size (cm)	150 x 150	150 x 150	150 x 150	194 x 217	215 x 243	233 x 263	249 x 282	281 x 319	304 x 304	324 x 324	344 x 344	372 x 372	382 x 382	402 x 402	462 x 462	
Height (cm)	37.5	60	80	103	103	103	103	103	120	120	120	120	120	120	146	
Capacity (kg)	500	1,000	1,500	2,000	2,500	3,000	3,500	4,500	6,000	7,000	8,000	9,500	10,000	12,000	18,000	
Air Requirements (ltr)	120	120	120	90	100	110	125	160	200	220	240	265	285	300	560	
Tube Pressure (bar)									0.2							
Recommended regulator									2 bar							

**Note:** Other Reservoir sizes may be produced to order.

Pack size and weight dependent on couplings selected.

## DETAIL DRAWING



## SUPPLIED WITH

- 2.5" Coupling complete with ball valve
- Hose retaining strap
- Crease removing straps
- Stowage pocket
- Repair kit
- 1m delivery hose (for use with 8 bar regulator)
- Valise

## OPTIONS

- Ground sheet (sized to suit reservoir)
- 4.5" Coupling complete with ball valve
- 10m yellow hose
- 8 bar regulator
- Hand pump

# AUTOMATIC REFILL PUMP (ARS INFLATER)



A fully automated inflation/deflation system designed maintain the air pressure of large inflatable structures. The pressure range is adjustable from 50 to 400mbar.

The automatic refill pump is ideal for use in climates where there is a significant difference in day time and night time temperatures or where structures need to remain inflated for extended periods.

## FEATURES

- Twin motors
- Inflates and deflates
- Automatically switches the pump on and off to maintain air pressure

## USED FOR

- Inflatable Shelters
- Decontamination Showers

## TECHNICAL DATA

## AUTOMATIC REFILL PUMP

Product Code	SP0155
Dimensions (cm)	40 x 17 x 26
Power (Watts)	2000
Air Flow(Liters/min)	2000
Minimum Maintained Pressure mbar / psi	50 / 0.7
Maximum Maintained Pressure mbar / psi	400 / 5.8
Weight (kg)	5
Cord Length (m)	3
Voltage (V AC)	230

# BRAVO 2000 ELECTRIC INFLATER



The Bravo 2000 electric inflator consists of a main motor and a supplementary (booster) motor, which increases the capacity and pressure. The two motors can run simultaneously to obtain maximum capacity and pressure.

On the Bravo 2000, you can press the orange button to just run the main motor, or you can press the red button to switch on the booster to help obtain maximum performance. Both motors are protected by thermal fuses.

## FEATURES

- Inflates and deflates
- Has a robust outer steel casing for additional protection
- Fitted with main motor and a booster motor to increase capacity and pressure
- 3m integral mains power lead comes with 2 pin plug\*

- Comes with an inflation hose, 7 different adapters and a shoulder carry strap

## USED FOR

- Inflation/deflation of inflatable shelters and decon showers and some water rescue products (see over)

## TECHNICAL DATA

	<b>Bravo 2000 Electric Inflator</b>
Product Code	180026/001
Voltage Supply	230V (Main Motor) 230V (Booster)
Plug	*Schuku (European) UK Adapter P/N: 180012/TYP E C
Max. Power	1000W / 2000W
Max. Pressure	140 mbar (2 psi) / 400 mbar (5.8 psi)
Max. Flow Rate	1200 l/min / 2000 l/min
Dimensions	32 x 17 x 26 cm
Weight	4.1 kg

# SCOPREGA GE 25 ELECTRIC INFLATER



The Scoprega GE 25 electric inflator/deflater consists of a main motor and a supplementary compressor, which increases the maximum inflation pressure.

The GE 25 includes a pressure gauge through which the target inflation pressure is set; the two inflation stages will then run automatically to reach the required inflation pressure and stop once it has been reached.

## FEATURES

- Double Stage electric inflator for high pressure applications, HVHP
- Automatic switch from turbine to double compressor stage
- Easy setting of the desired pressure and pressure control through manometer, automatic stop
- Inflation fittings available for the most common valves
- Carry bag included

## USED FOR

- Inflation/deflation of our inflatable product range

## TECHNICAL DATA

### Scoprega GE 25 Electric Inflator

Product Code	190009
Voltage Supply	230V AC 50Hz
Plug	Schuku (European) UK Adapter P/N: 180012/TYPE C
Max. Pressure	Turbine 80mbar/1.15psi, Compressor 1.5bar/22psi
Max. Flow Rate	Turbine 450 l/min, Compressor 250 l/min
Dimensions (in bag)	41 x 21 x 27 cm
Weight	6 kg









**MFC**International

by RESPIREX

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