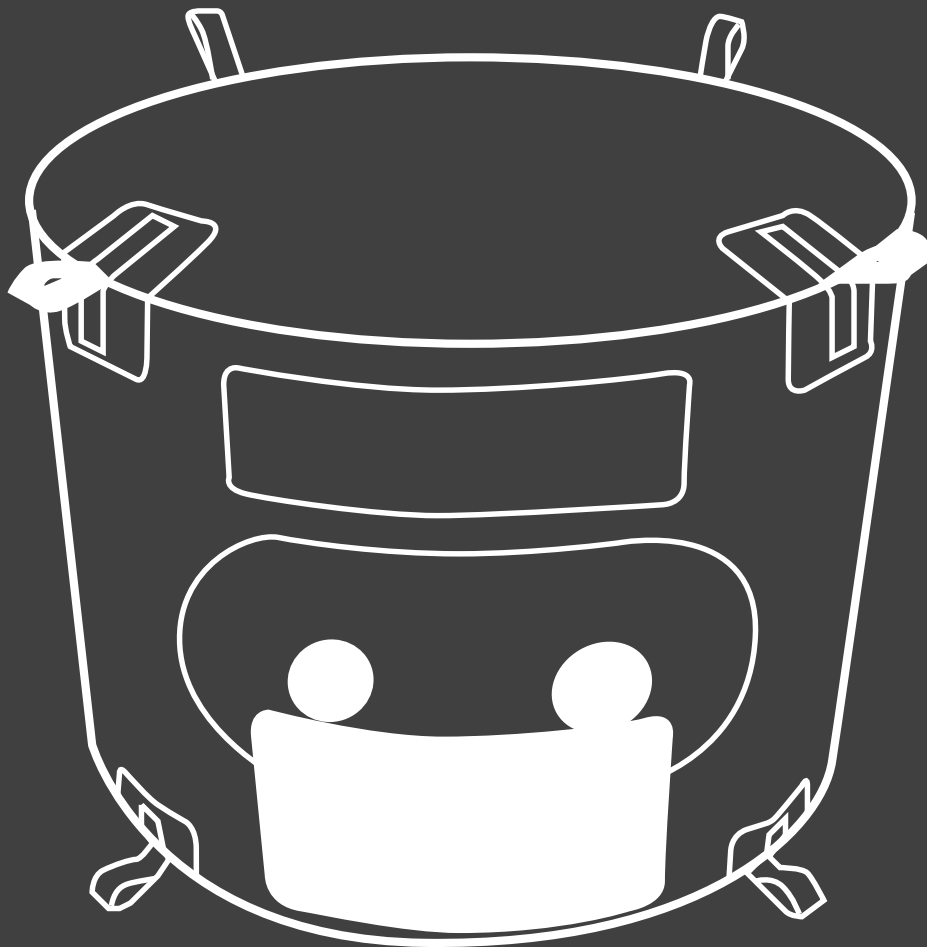


1 BAR

LIFTING BAG



MFCInternational
by RESPIREX

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1 BAR LIFTING BAGS



MFCInternational
by RESPIREX



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.

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

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.

USED FOR

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

INCLUDED

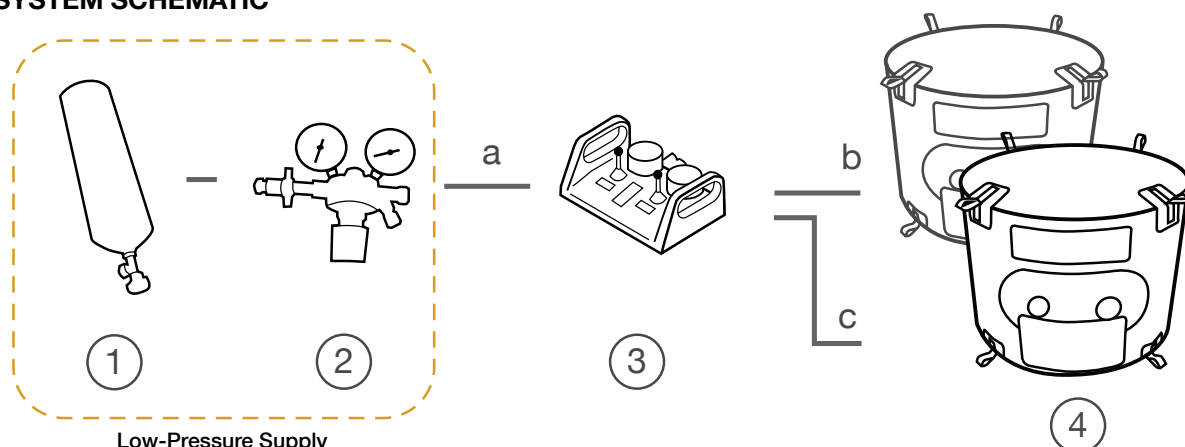
- Repair Kit (with glue: 600005)

1 BAR LIFTING BAGS

TECHNICAL DETAILS

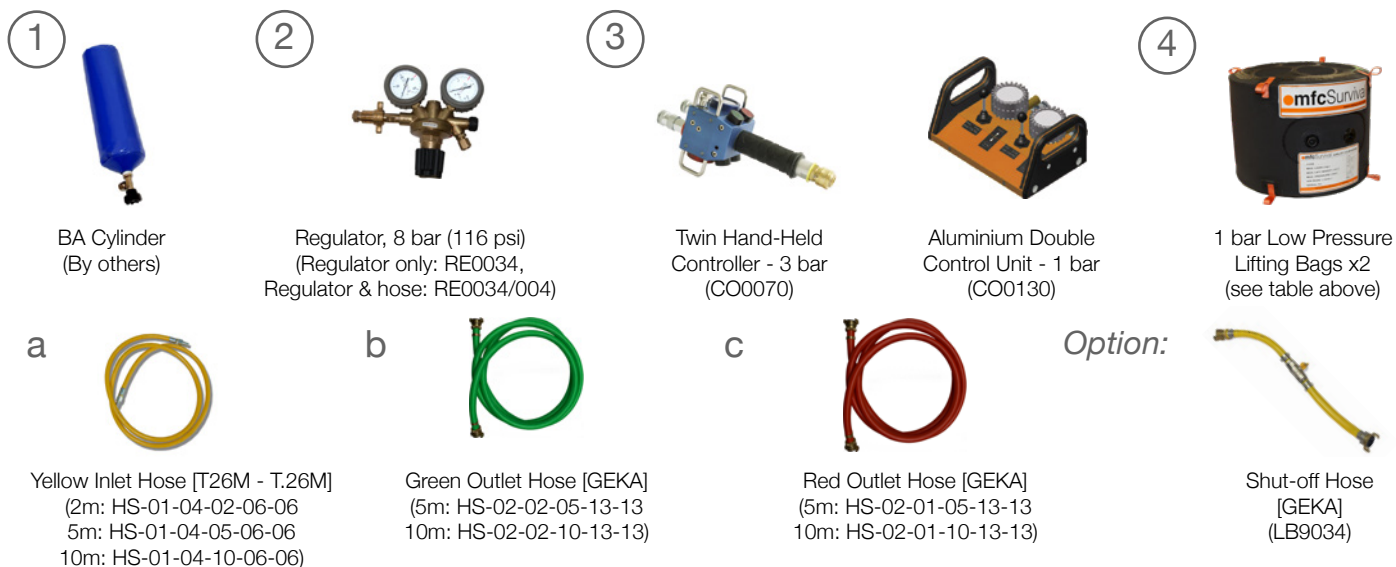
	AK	BK	CK	DK
Product Code	LB0019/003	LB0020/003	LB0021/004	LB0022/003
Materials	Neoprene Coated Kevlar			
Diameter (cm / inch)	61 / 24"	76 / 30"	91 / 36"	122 / 48"
Inflated Height (cm / inch)	43 / 17"	59 / 23"	61 / 24"	100 / 39"
Deflated Height (cm / inch)	5 / 2"	5 / 2"	5 / 2"	10 / 4"
Packed Size Diameter 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 / ft³)	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)



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

TECHNICAL DATA

8 BAR REGULATOR

Single Stage Regulator	8 bar
Product Code (regulator only)	RE0034
Product Code (regulator & 2m 'lifting bag' hose) <i>With Series 26 male outlet for lifting bag controllers</i>	RE0034/004
Max. Pressure Gauge	0-400 / 300 bar
Working Gauge	0-16 / 8 bar
Max. Inlet Pressure	300 bar
Working Pressure	0-8 bar adjustable
Max. Output	30 m ³ /h compressed air at 8 bar
Pack Size (mm)	210 x 195 x 75
Weight (kg)	1.5
Outlet Coupling (regulator)	Series 26 Female

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.

FEATURES

- Lightweight and easily portable
- Pressure gauges have a rubber protective surrounds
- Housing available in yellow 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)

Twelve bar aluminium controllers are supplied as standard with a female type 26 inlet coupling and Type 25 female outlet couplings; other couplings are available on request.

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 (1 bar models)	CO0046	CO0049	Type 26 Female	GEKA	2 or 8 bar

CONTROLLER - HAND HELD



The push-button Handheld 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

Alternate couplings available on request

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 1 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



LOW PRESSURE OUTLET AIR HOSES

Used to connect between controllers and low-pressure lifting bags

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

INLET AIR HOSES




Used to connect between regulators and controllers



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

STANDARD COUPLINGS

Used on bags, hoses, controllers and regulators

SERIES 26 Used on regulators and for the inlet port on controllers		GEKA Used on low pressure lifting bags & controllers
		
Male	Female	Universal



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