

MultiForce Air Lifting Bags



Paratech's MULTIFORCE Air Lifting Bag takes lifting to a whole new level. Integrating the latest technology with a unique understanding of lifting, Paratech has designed the MULTIFORCE Air Lifting Bag to exceed expectations. Ease of use and speed of deployment make the MULTIFORCE Air Lifting Bag an obvious choice whether the goal is saving lives or lifting locomotives. Paratech's patented design ensures that the high lift of this system can get into the tightest places possible, while the innovative remote lifting base keeps personnel safely away from the load when positioning the MULTIFORCE Air Lifting Bag. A dual stage feature keeps the load steady as the bag inflates so load drift is minimized and safety relief valves are integrated into the bag itself making over-inflation completely impossible. No mechanical coupling between air chambers means a stronger and safer lift. The remote lifting base doubles as a storage device keeping the bag safe and making it extremely easy to store.

HEAVY-DUTY RUBBER GRIPPING SURFACE

BUILT-IN INTERNAL RELIEF VALVE

DUAL STAGE LIFTING FEATURE KEEPS THE LOAD STABLE THROUGH THE LIFT

INTEGRATED HEAVY-DUTY WHEELS FOR EASY TRAVEL

DETACHABLE PLACEMENT HANDLE EXTENDS TO 50 IN / 127 CM

LIFT HEIGHT OF 26 IN / 66 CM

HIGH VISIBILITY CENTERING STRIPES

REMOTE PLACEMENT BASE ASSISTS WITH POSITIONING AND LIFTING STABILITY

SIDE HANDLES DESIGNED TO ACCEPT FINGER HOOKS OR LARGER

**CONFORMS TO EN13731-2007
MEETS NFPA 1960, 2024 ED
3RD PARTY CERTIFIED**

LIFT HEIGHT=	26 IN / 66 CM
LIFT CAPACITY=	37.2 TONS / 33,7 METRIC TONS
INSERTION HEIGHT=	4.5 IN / 11,4 CM
WEIGHT=(without placement device)	46,2 LBS / 21 KG
WEIGHT=(with placement device)	60,6 LBS / 27,5 KG
LENGTH=(without placement device)	23,75 IN / 60,33 CM
LENGTH=(with placement device)	30,71 in / 78 CM
WIDTH=(without placement device)	23,5 IN / 59,7 CM
WIDTH=(with placement device)	27,98 IN / 71,10 CM
SAFETY FACTOR=(with placement device)	4 TO 1
WORKING PRESSURE=	180 PSI / 14,5BAR

Part No.	Description	Net Weight	lb	kg
22-88D025-G3	Remote Placement MULTIFORCE G3		60,60	27,50
22-88D025K-G3	Remote Placement MULTIFORCE Bag Kit G3		75,44	32,22
22-88D025DK-G3	Remote Placement MULTIFORCE Bag Kit Din G3		75,44	32,22
22-88D025B-G3	Basic MULTIFORCE G3		54,17	24,57
22-88D025BKG3	Basic MULTIFORCE Bag Kit G3		69,01	31,30
22-88D025BDKG3	Basic MULTIFORCE Bag Kit Din G3		69,01	31,30
22-88D025CG3V	Compact MULTIFORCE G3		51,60	23,41
22-88D025CKG3	Compact MULTIFORCE Bag Kit G3		66,44	30,14
22-88D025CDKG3	Compact MULTIFORCE Bag Kit Din G3		66,44	30,14
22-890370K	Saddlebag Control Kit		14,84	6,73
22-890370DK	Saddlebag Control Kit Din		14,84	6,73
22-890370	Saddlebag Only		1,73	0,78

MultiForce Air Lifting Bags

3 Kits to Fit Your Lifting Needs



Remote Placement MultiForce G3

The ultimate MULTIFORCE Bag. Comes with wheels for easy transport and telescoping pole for remote placement. There is nothing quicker or safer for lifting.

- 22-88D025G3 REMOTE PLACEMENT MULTIFORCE G3
- 22-88D025KG3 REMOTE PLACEMENT MULTIFORCE G3 BAG KIT (with saddlebag control kit)
- 22-88D025DG3K REMOTE PLACEMENT MULTIFORCE G3 BAG KIT DIN (with saddlebag control kit)

Basic MultiForce G3

Comes with a Full sized Placement Base with left and right handles, but without telescoping pole and wheels. Includes carrying strap with integrated air inlet protecting feature. Order this version if the safety of remote placement is not an option you need.

- 22-88D025BG3 BASIC MULTIFORCE BAG G3
- 22-88D025BG3K BASIC MULTIFORCE BAG KIT G3 (with saddlebag control kit)
- 22-88D025BDG3K BASIC MULTIFORCE BAG KIT DIN G3 (with saddlebag control kit)

Compact MultiForce G3

Comes with a reduced footprint for easier compartment storage on vehicles. Includes carrying strap with integrated air inlet protecting feature.

- 22-88D025CG3 COMPACT MULTIFORCE G3
- 22-88D025CG3K COMPACT MULTIFORCE BAG KIT G3 (with saddlebag control kit)
- 22-88D025CDG3K COMPACT MULTIFORCE BAG KIT DIN G3 (with saddlebag control kit)

MultiForce Positioning Lights

Includes two lights: one for replacing the left handle and one for the right handle, Direct retrofit. Each 300 lumen light operates off of 2 AA batteries with a "low battery" light indicator. Up to 2 hours of continued use. Made of aircraft grade aluminum and still completely functional as lifting handles. Each light can swivel to direct the light where you want it. Light It Up!

- 22-892150K MULTIFORCE Positioning Lights

	COMPACT	BASIC	REMOTE
LIFT HEIGHT=		26 IN / 66 CM	
LIFT CAPACITY=		37.2 TONS / 33,7 METRIC TONS	
INSERTION HEIGHT=		4.5 IN / 11.4 CM	
STORAGE HEIGHT=	4.88 IN / 12.39 CM	4.88 IN / 12.39 CM	6 IN / 15.3 CM
WEIGHT=(without placement device)		46.2 LBS / 21 KG	
WEIGHT=(with placement device)	51.6 LBS / 23.41 KG	54.17 LBS / 24.57 KG	60.6 LBS / 27.5 KG
LENGTH=(without placement device)		23.75 IN / 60.33 CM	
LENGTH=(with placement device)	24.46 IN / 62.13 CM	28.81 IN / 73.18 CM	30.71 IN / 78 CM
WIDTH=(without placement device)		23.5 IN / 59.7 CM	
WIDTH=(with placement device)	23.63 IN / 60.02 CM	27.98 IN / 71.07 CM	27.98 IN / 71.1 CM

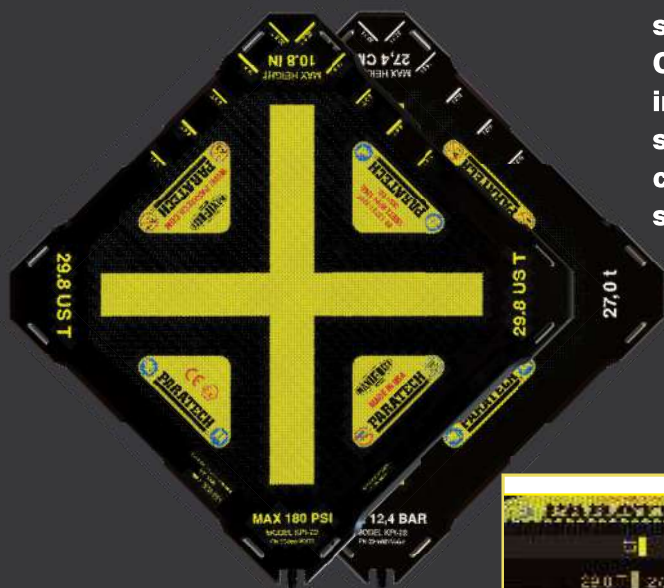
MaxiForce Air Lifting Bags



AIR LIFTING BAGS

MaxiForce® Has the Power To Lift or Shift Weights up to 106.7 tons

The MAXIFORCE® AIR LIFTING BAG is a thin, strong, molded envelope available in 14 different sizes. It is made from 3 layers of Neoprene covered Aramid fiber reinforcement and has the power to lift, move or shift weights up to 106.7 tons (96,8 metric tons) per bag. Control equipment and components play a critical role in successful lifting bag use and unlike other lifting bag systems, Paratech manufactures all of its major control components. This assures the quality of the lifting bag system from inflation to deflation.



Easy and Accurate Positioning



Recessed Air Inlet for Added Durability



High Visibility Markings

NEW!



Load Ruler

SIZES	14
SQUARE SIZES	9
RECTANGULAR SIZES	5
SIZES WITH EYELETS	10
SMALLEST LIFTING CAPACITY	1.6 TONS / 1,4 METRIC TON
LARGEST LIFTING CAPACITY	106.7 TONS / 96,8 METRIC TONS
WORKING PRESSURE	180 PSI / 12,4 BAR
3 LAYERS OF ARAMID REINFORCEMENT	ALL
INTERLOCKING SURFACE	ALL



MaxiForce Air Lifting Bags

What to Look for When Selecting a Lift Bag System

- 1. SAFETY:** MAXIFORCE® Air Lifting Bags are extremely tough, made of Neoprene, embedded with three (3) full layers of Aramid fiber reinforcement on each side, giving the bags tremendous strength at full inflation. Each Air Lifting Bag has been subjected to a stringent factory pressure test to assure maximum operator safety.
- 2. CAPACITY:** Does the height/weight capacity match the task? Non-emergency applications may only require one or two sizes. Emergency Service providers need a variety of lifting capacities.
- 3. SHAPE:** Match the shape of the bag to the contact area of the load to maximize your effectiveness. Use rectangular shaped bags against linear loads and when lifting on hills or inclines. Square bags are great for stacking on flat surfaces. Rescue crews should have both square and rectangular lifting bags.
- 4. THICKNESS:** The thinner the Lift Bag the better. The most notable feature of quality manufacturing is the ability to produce a thin, tough lifting bag. MAXIFORCE Air Lifting Bags range in thickness from 3/4 in (1,9 cm) to 1 in (2,5 cm).
- 5. MATERIAL:** Neoprene with Aramid reinforcement comprise most of the lift bag materials. These materials provide strength, durability, flexibility and chemical resistance. MAXIFORCE was the first Aramid reinforced high pressure Lift Bag.
- 6. SURFACE:** Small molded raised bumps provide an interlocking surface for stacking 2 lift bags. Once again MAXIFORCE was the first with an interlocking surface.
- 7. POSITIONING EYELETS:** At least 2 on all Lift Bags with a 12,9 ton rating or higher. A must for rescue work. Allows for vertical placement, safe retrieval and carrying.
- 8. MARKINGS:** Technical data is molded into the bag surface. Warnings are permanently labeled. The famous "X" marks the center of the load.
- 9. AIR INLET:** Brass with maximum pull strength. The inlet is threaded to receive a brass inflation nipple. Why brass? No corrosion. Easy to repair.
- 10. WORKS QUIETLY:** Completely silent in use. There are no engine sounds or loud mechanical noises when MAXIFORCE is used.

Man & Machine Kit

Paratech's man & machine kit covers areas of production, maintenance and rescue. The air lifting bags and control equipment (all contained in one convenient package) included in the kit are so versatile and easy to use that you will wonder what you did before you had them!

22-8903MM-180
22-8903MMD-12

Man and Machine Kit
Man and Machine Kit, DIN
Weight 63.2 lbs./ 28,7 kg

Kit Contents:

- Full compliment of control equipment, hoses & fittings
- 2 small rectangular bags 6 x 12 in/15,2cm x 30,5cm
- 2 larger square bags
- 10 x 10in/25,4cm x 25,4cm
- 2 small square bags
- 6 x 6in/15,2cm x 15,2cm
- Heavy duty rolling storage case
- 4 plastic felling wedges



Dual Deadman 180PSI/12,4BAR Controllers

This controller will 'go anywhere'. It is compact and extremely portable. Rescue personnel can crawl into collapse areas without hindrance. There are no protruding joysticks or cumbersome enclosures. The push-button design must be depressed for inflation or deflation. Color coded gauges make it easy to read. Relief valves and open couplings are built in the controller for maximum safety.



Compact Design

- Integrated Gauge Light
- Easy Operation
- Safety Couplings
- Fully Enclosed Gauges



Standards and Listings:

- National Coal Board (UK)
- NATO Stock Listings
- National Defense Supply Listing (US)
- Department of Industrial Relations (AU)
- Board of Mine Safety (SA)
- Japan Standards Institute (JA)
- GSA Contract Item (US)
- EN 13731 Air Bags For Fire Brigades
- MEETS NFPA 1960, 2024 ED
- ATEX



Preset Pressure Regulator

Same Precision Functionality, Now with:

1. Increased durability
2. More compact size
3. Easier to use

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MaxiForce Air Lifting Bags



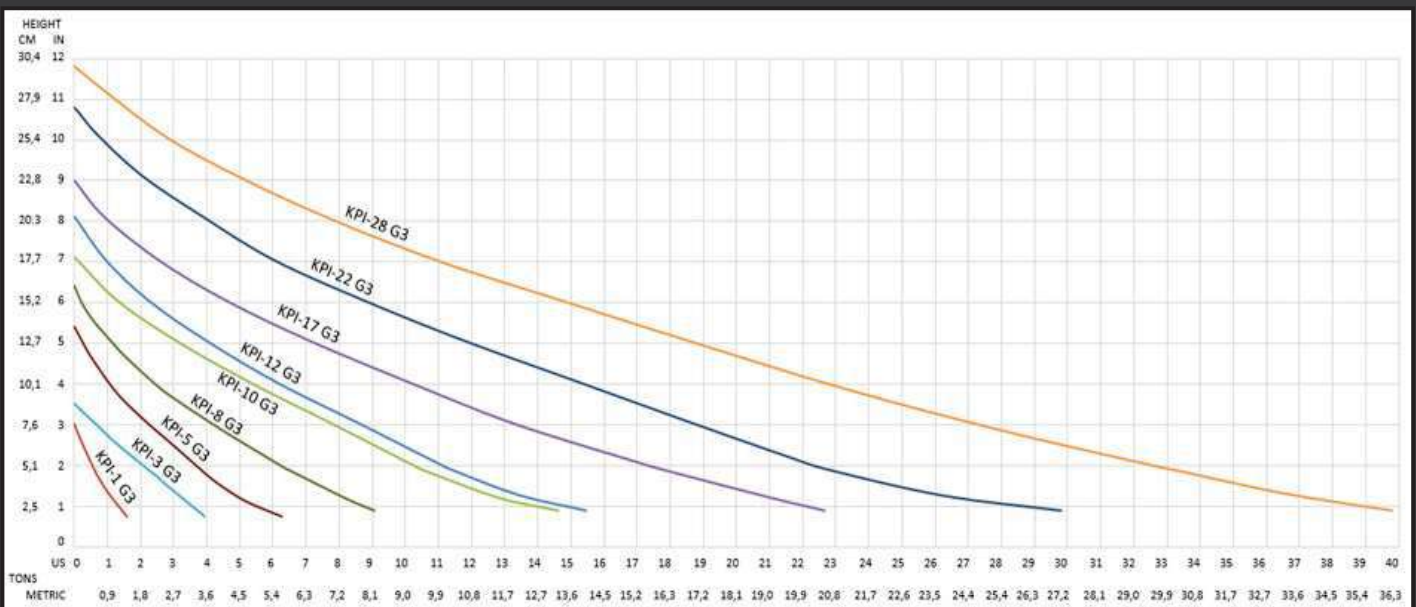
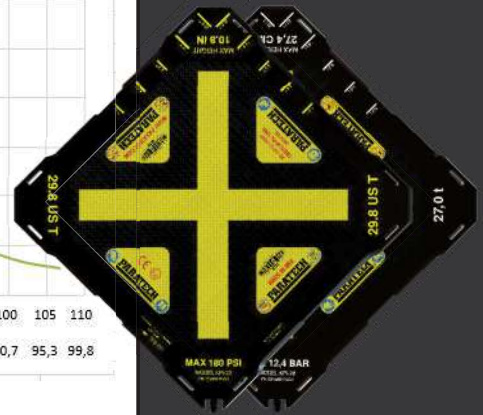
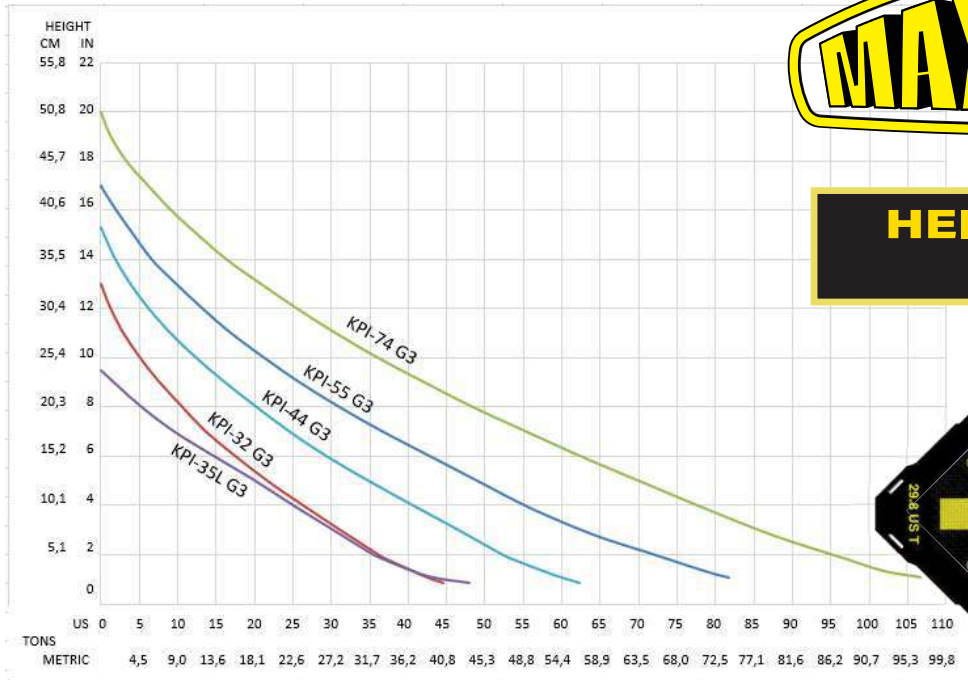
Part No.	Model	Dimensions in	Dimensions mm	Max Lifting Capacity US Ton / Met Ton	Max Lifting Height in / mm	Weight lb / kg
22-888110G3	KPI-1	6 in x 6 in x 3/4 in	152 mm x 152 mm x 19 mm	1.6 / 1,4	3.0 / 76	1.2 / 0,6
22-888120G3	KPI-3	6 in x 12 in x 3/4 in	152 mm x 305 mm x 19 mm	4.0 / 3,6	3.5 / 89	2.3 / 1,0
22-888130G3	KPI-5	10 in x 10 in x 3/4 in	254 mm x 254 mm x 19 mm	6.3 / 5,7	5.4 / 137	3.1 / 1,4
22-888135G3	KPI-8	12 in x 12 in x 7/8 in	305 mm x 305 mm x 22 mm	9.1 / 8,2	6.4 / 163	5.5 / 2,5
22-888138G3	KPI-10	12 in x 18 in x 7/8 in	305 mm x 457 mm x 22 mm	14.6 / 13,3	7.1 / 180	8.3 / 3,7
22-888140G3	KPI-12	15 in x 15 in x 7/8 in	381 mm x 381 mm x 22 mm	15.5 / 14,0	8.1 / 206	8.8 / 4,0
22-888150G3	KPI-17	15 in x 21 in x 7/8 in	381 mm x 533 mm x 22 mm	22.7 / 20,6	9.0 / 226	12.0 / 5,4
22-888160G3	KPI-22	20 in x 20 in x 7/8 in	508 mm x 508 mm x 22 mm	29.8 / 27,0	10.8 / 274	15.9 / 7,2
22-888165G3	KPI-28	20 in x 26 in x 7/8 in	508 mm x 660 mm x 22 mm	39.8 / 36,1	11.8 / 299	20.1 / 9,1
22-888170G3	KPI-32	24 in x 24 in x 7/8 in	610 mm x 610 mm x 22 mm	44.6 / 34,405	13.0 / 330	22.0 / 10,0
22-888180G3	KPI-35L	15 in x 42 in x 7/8 in	381 mm x 1066 mm x 22 mm	47.9 / 43,5	9.5 / 241	24.5 / 11,1
22-888190G3	KPI-44	28 in x 28 in x 7/8 in	711 mm x 711 mm x 22 mm	62.4 / 56,6	15.3 / 388	30.0 / 13,6
22-888195G3	KPI-55	32 in x 32 in x 1 in	812 mm x 812 mm x 28 mm	81.6 / 74,1	17.0 / 432	45.2 / 20,5
22-888200G3	KPI-74	37 in x 37 in x 1 in	939 mm x 939 mm x 28 mm	106.7 / 96,8	20.0 / 508	68.2 / 30,9

Lifting capacity and height will vary according to air pressure and bag contact area.

MaxiForce Air Lifting Bags



HEIGHT VS. LOAD CAPACITY



MaxiForce Air Lifting Bags

Pumper Kit, Light Duty, 3 bags

Part No.	Net Weight:	lb	kg
22-889610G3-180		54.1	24.5



KPI-17
22-888150G3
QTY: 1



KPI-28
22-888165G3
QTY: 1



KPI-32
22-888170G3
QTY: 1

Engine kit, Light Duty, 5 Bags

Part No.	Net Weight:	lb	kg
22-889620G3-180		58.1	26.4



KPI-2
22-888120G3
QTY: 1



KPI-17
22-888150G3
QTY: 2



KPI-22
22-888160G3
QTY: 2



MaxiForce Air Lifting Bags

Squad Kit, Light Duty, Man and Machine, 7 Bags



KPI-1
22-888110G3
QTY: 1



KPI-3
22-888120G3
QTY: 1



KPI-5
22-888130G3
QTY: 1



KPI-12
22-888140G3
QTY: 2



KPI-17
22-888150G3
QTY: 2



Part No.	Net Weight:	lb	kg
22-889650G3		147.5	66.9

Fire & Rescue Company Kit, Medium Duty, 13 Bags

Part No.	Net Weight: lb	kg
22-889660G3-180	206.6	93.7



KPI-1
22-888110G3
QTY: 1



KPI-3
22-888120G3
QTY: 1



KPI-5
22-888130G3
QTY: 1



KPI-17
22-888150G3
QTY: 2

KPI-22
22-888160G3
QTY: 2



KPI-44
22-888190G2
QTY: 2



KPI-32
22-888170G3
QTY: 2

KPI-28
22-888165G3
QTY: 2



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MaxiForce Air Lifting Bags

Truck Kit, Medium Duty, Man and Machine, 6 Bags

Part No.	Net Weight: lb	kg
22-889630G3-180	75.5	34.2



KPI-1
22-888110G3
QTY: 1



KPI-3
22-888120G3
QTY: 1



KPI-22
22-888160G3
QTY: 2



KPI-28
22-888165G3
QTY: 2

Truck Kit, Heavy Duty, 5 Bags

Part No.	Net Weight: lb	kg
22-889640G3	86.5	39.2



KPI-3
22-888120G3
QTY: 1



KPI-28
22-888165G3
QTY: 2



KPI-32
22-888170G3
QTY: 2



MaxiForce Air Lifting Bags

Light US&R, Heavy Duty, 15 Bags

Part No. Net Weight: lb kg

22-889670G3-180 307.0 139.0



**MASTER CONTROL
KIT CASES**
22-890322-180
QTY: 1

**DUAL DEADMAN
BAG CONTROLLER G3**
22-890900G3-180
QTY: 1



INLINE RELIEF VALVE
22-890490-180
QTY: 4



**PARATECH NIPPLE
AND LOCKING
TIRE CHUCK**
22-890731-180
QTY: 1



**"Y" with
2 COUPLINGS
and 1 NIPPLE**
22-890736-180
QTY: 3



**PRESET AIR LIFTING
BAG REGULATOR**
22-895401G3-180
QTY: 1

**SHUTOFF ADAPTER
NIPPLE WITH INDUSTRIAL
NIPPLE WITH VALVE**
22-890732-180
QTY: 1



**SHUTOFF ADAPTER
NIPPLE WITH TWIST LOCK**
22-890749-180
QTY: 1



AIR HOSE BLACK
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890513-180
QTY: 1



AIR HOSE BLUE
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890514-180
QTY: 1



**AIR HOSE
YELLOW**
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890515-180
QTY: 1



AIR HOSE RED
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890516-180
QTY: 1



AIR HOSE GREEN
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890517-180
QTY: 1



PARATECH NIPPLE
1/4 IN / 0,6 CM (NPT F)
22-890682-180
QTY: 2



**PARATECH NIPPLE
FOR ALB 7/16-24 RH THD**
22-890686-180
QTY: 3



**PARATECH NIPPLE
FOR ALB 7/16-24 LH THD**
22-890686-180
QTY: 1



KPI-1
22-888110G3
QTY: 1



KPI-3
22-888120G3
QTY: 1



KPI-5
22-888130G3
QTY: 1



KPI-28
22-888165G3
QTY: 2



KPI-17
22-888150G3
QTY: 2



KPI-12
22-888140G3
QTY: 2



KPI-35L
22-888180G3
QTY: 2



KPI-44
22-888190G3
QTY: 2



KPI-55
22-888200G3
QTY: 2

MaxiForce Air Lifting Bags

USAR Kit, Heavy Duty, 24 bags

Part No. Net Weight: lb kg

22-889350G3-180 613.0 278,0



INLINE RELIEF VALVE
22-890490-180
QTY: 8



DUAL DEADMAN BAG CONTROLLER G3
22-890900G3-180
QTY: 2



PARATECH NIPPLE AND LOCKING TIRE CHUCK
22-890731-180
QTY: 2

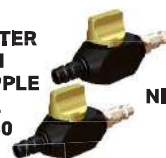


"Y" with 2 COUPLINGS and 1 NIPPLE
22-890736-180
QTY: 4



MASTER CONTROL KIT CASES
22-890322-180
QTY: 2

SHUTOFF ADAPTER NIPPLE WITH INDUSTRIAL NIPPLE WITH VALVE
22-890732-180
QTY: 2



SHUTOFF ADAPTER NIPPLE WITH TWIST LOCK
22-890749-180
QTY: 2



AIR HOSE BLACK
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890513-180
QTY: 2



AIR HOSE BLUE
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890514-180
QTY: 2



AIR HOSE YELLOW
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890515-180
QTY: 2



AIR HOSE RED
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890516-180
QTY: 2



AIR HOSE GREEN
3/8 in / 9,5 mm dia
x 16 ft / 5m
22-890517-180
QTY: 2

PARATECH NIPPLE 1/4 IN / 0,6 CM (NPT F)
22-890682-180
QTY: 4

PARATECH NIPPLE FOR ALB 7/16-24 RH THD
22-890686-180
QTY: 6

PARATECH NIPPLE FOR ALB 7/16-24 LH THD
22-890686L-180
QTY: 2



KPI-1
22-888110G3
QTY: 2



KPI-3
22-888120G3
QTY: 2



KPI-5
22-888130G3
QTY: 2



KPI-12
22-888140G3
QTY: 2



KPI-17
22-888150G3
QTY: 2



KPI-22
22-888160G3
QTY: 2



KPI-28
22-888165G3
QTY: 4



KPI-35L
22-888180G3
QTY: 2

KPI-55
22-888195G3
QTY: 2



KPI-74
22-888200G3
QTY: 2



KPI-44
22-888190G3
QTY: 2



MaxiForce Air Lifting Bags

Master Control Kit



1 - Master Control Kit Case
22-890322-180

Part No.	Net Weight:	lb	kg
22-890300G3-180	US	44.0	19,9
22-890300G3D-12	Metric		

1 - Dual Deadman Bag Controller G3
22-890900G3-180



1 - Preset Air Lifting Bag Regulator
22-895401G3-180



4 - Inline Relief Valve **22-890490-180**

1 - Paratech Nipple and Locking Tire Chuck
22-890731-180



3 - "Y" with 2 Couplings and 1 Nipple
22-890736-180



1 - Shutoff Adapter Nipple with Industrial Nipple with Valve
22-890732-180



1 - Shutoff Adapter Nipple with Twist Lock
22-890749-180



Paratech Nipple 1/4 in / 0.6 cm (NPT F)
22-890682-180
QTY: 1



Paratech Nipple for ALB 7/16-24 RH THD
22-890686-180
QTY: 3



Paratech Nipple for ALB 7/16-24 LH THD
22-890686L-180
QTY: 1



1 - Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5m Black
22-890513-180



1 - Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5m Blue
22-890514-180



1 - Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5m Yellow
22-890515-180



1 - Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5m Red
22-890516-180



1 - Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5m Green
22-890517-180



Quantity	Part No.	Description	Quantity	Part No.	Description
1	22-890900G3-180	Dual Deadman Safety Relief & Control Valve	1	22-890732	Shutoff Adapter Nipple with Industrial Nipple with Valve
1	22-895401G3-180	Preset Air Lifting Bag Regulator 215 PSI CGS (14.8 bar) 5,500-0 psi / 379.2 -0 bar CGA 347/346 Inlet	3	22-890736	"Y" with 2 Couplings and 1 Nipple
4	22-890490-180	Inline Relief Valve	1	22-890749	Shutoff Adapter Nipple with Twist Lock
2	22-890682-180	Paratech Nipple 1/4 in / 0,6 cm NPT F	1	22-890513-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK
	22-890686-180	Paratech Nipple for ALB 7/16-24RH THD	1	22-890514-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLUE
1	22-890731-180	Paratech Nipple and Locking Tire Chuck	1	22-890515-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m YELLOW
3	22-890686L-180	Paratech Nipple for ALB 7/16-24 LH THD	1	22-890516-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m RED
			1	22-890517-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m GREEN
			1	22-890322-180	Master Control Kit Case

MaxiForce Air Lifting Bags

Basic Control Kit

**1 - Dual Deadman Bag Controller G3
22-890900G3-180**



**1 - Preset Air Lifting Bag Regulator
22-895401G3-180**



Quantity	Part No.	Description
1	22-890900G3-180	Dual Deadman Safety Relief & Control Valve
1	22-895401G3-180	Preset Air Lifting Bag Regulator 215 PSI CGS (14,8 bar) 5,500 – 0 psi / 379.2 – 0 bar CGA 347/346 Inlet

Part No.	Net Weight:	lb	kg
22-890351G3-180	US	21.0	9,5
22-890351G3D-12	Metric		



**1 - Air Hose
3/8 in / 9,5 mm dia.
x 16 ft / 5 m Black
22-890513-180**



**1 - Air Hose
3/8 in / 9,5 mm dia.
x 16 ft / 5 m Yellow
22-890515-180**



**1 - Air Hose
3/8 in / 9,5 mm dia.
x 16 ft / 5 m Red
22-890516-180**

Quantity	Part No.	Description
1	22-890513-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK
1	22-890515-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m YELLOW
1	22-890516-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m RED

Paratech Nipple with 3/8 in /
1 cm
Hose Stem with Ferrule

Vehicle Maintenance Kit

Part No.

22-889600G3-180

Quantity	Part No.	Model	Dimensions in	Dimensions mm	Max Lifting Capacity US Ton / Met Ton	Max Lifting Height in / mm	WEIGHT lb / kg
2	22-888190G3	KPI-44	28 in x 28 in x 7/8 in	711 mm x 711 mm x 22 mm	52.7 / 47,8	15.3 / 388	30.0 / 13,6

Quantity	Part No.	Description
2	22-890490-180	Inline Relief Valve
1	22-890900G3-180	Dual Deadman Safety Relief & Control Valve

Quantity	Part No.	Description
1	22-890513-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m BLACK
1	22-890515-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m YELLOW
1	22-890516-180	Air Hose 3/8 in / 9,5 mm dia. x 16 ft / 5 m RED



**KPI-44
22-888190G3
QTY: 2**



**1 - Dual Deadman Bag Controller G3
22-890900G3-180**



**2 - Inline Relief Valve
22-890490-180**



**1 - Air Hose
3/8 in / 9,5 mm dia.
x 16 ft / 5 m Black
22-890513-180**



**1 - Air Hose
3/8 in / 9,5 mm dia.
x 16 ft / 5 m Yellow
22-890515-180**



**1 - Air Hose
3/8 in / 9,5 mm dia.
x 16 ft / 5 m Red
22-890516-180**

MaxiForce Air Lifting Bags

Paratech 24 Pneumatic Component & Adapter Kit

Part No.	Net Weight:	lb	kg
22-890729-180		15.0	6,8



Quantity	Part No.	Description
1	22-890732-180	Paratech Nipple & Industrial Nipple with Valve
1	22-890734-180	Paratech Nipple & Glad Hand
1	22-890749-180	Paratech Nipple & Industrial Twist Lock with Valve
1	22-890731-180	Paratech Nipple & Locking Tire Chuck
1	22-890735-180	"Y" with 2 Paratech Couplings & 1/4 in NPT F
1	22-890736-180	"Y" with 2 Paratech Couplings & MAXIFORCE® Nipple
1	22-890740-180	"Y" with 3 Paratech Couplings
1	22-890730-180	Paratech Double Male Nipple
1	22-890737-180	Paratech Nipple and Tire Valve Inflator
1	22-890700V-180	Paratech Coupling with 3/8 in / 1 cm Hose Stem with Ferrule (consists of 22-890700A & 22-890624)
1	22-890691-180	Paratech Nipple with 3/8 in / 1 cm Hose Stem with Ferrule
1	22-890721AV	Paratech Coupling with 1/4 in NPSM with "O" Ring
1	22-890624	Ferrule for Paratech Nipple with 3/8 in / 1 cm hose stem
1	22-890686-180	Paratech Nipple for ALB 7/16-24 LH THD
1	22-890686-180	Paratech Nipple for ALB 7/16-24 RH THD
1	22-890710V-180	Paratech Coupling with 1/2 in NPT M
1	22-890711-180	Paratech Coupling with 1/4 in NPT F
1	22-890682-180	Paratech Nipple with 1/4 in NPT F
1	22-890720V-180	Paratech Coupling with 1/2 in NPT F
1	22-890685-180	Paratech Nipple with 1/2 in NPT F
1	22-890684-180	Paratech Nipple with 1/2 in NPT M
1	22-890681-180	Paratech Nipple with 1/4 in NPT M
1	22-890738-180	Paratech Nipple & 12 in / 30.5 cm Hose with Clamp
1	22-000905	Storage Case

MaxiForce® Air Lifting Bag Safety Icons



MAXIMUM
OPERATING
PRESSURE



MAXIMUM
OPERATING
PRESSURE



DO NOT LIFT
SHARP
OBJECTS



READ
INSTRUCTIONS



WEAR SAFETY
GLOVES



WEAR HEAD
AND EYE
PROTECTION



WEAR SAFETY
FOOTWEAR



STACK TWO
LIFT BAGS

MaxiForce Air Lifting Bags

MaxiForce Accessories



**DUAL DEADMAN
BAG CONTROLLER G3**
Net Weight: 3.7lb 1.7kg
Part No. 22-890900G3-180



**INLINE RELIEF
VALVE FOR G3**
165 psi / 11,4 bar
Designed to relieve over-
pressurization and allow a lift bag
to remain inflated under a load.
This valve will relieve excess
pressure from an inflated
bag caused by load shifts or
temperature changes.

Net Weight: 1.0lb 0,4kg
Part No. 22-890490-180



**PRESET AIR LIFTING BAG
REGULATOR**
215 PSI CGA (14,8 BAR)
Piston Type 5,500-0 psi /
379,2-0 bar CGA 347/346 inlet
Net Weight: 3.6lb 1,6kg
Part No. 22-895401G3-180



PRESSURE REGULATOR
215 PSI DIN (14,8 BAR)
Piston Type Euro 5,500-0 psi /
379,2-0 bar DIN
Net Weight: 3.8lb 1,7kg
Part No. 22-895401DG3-12



**MASTER CONTROL CASE
ONLY**

Part No. 22-890322-180



**STORAGE
CASE**

Part No. 22-000905

AIR CONTROL CASE

Net Weight: 30.9lb 14kg
Optimal air distribution hub to
multiple rescue sites, securing reliable
constant airflow.
Part No. 22-895750-180
Part No. 22-895750D-12 (DIN)



MANUAL AIR COMPRESSOR 2 STAGE - FOOT/HAND

Net Weight: 14.7lb 6,7kg
Part No. 22-800400-180



NEOPRENE SHEET

20 in x 20 in x 1/8 in /
50,8 cm x 50,8 cm x 0,032 cm

Part No. 22-890466



MaxiForce Air Lifting Bags

MaxiForce Accessories

						
Ferrule for Paratech Nipple with 3/8 in / 1 cm hose stem P N 22-890624	Nipple with 1/4 in NPT M fits MAXIFORCE® and Vetter P N 22-890667	Locking Nipple with 1/8 in NPT M fits MAXIFORCE® G3 and Vetter P N 22-890668	Paratech Lock Nipple with 3/8 in / 1 cm hose thread P N 22-890672	Paratech Nipple for ALB 7/16-24 LH THD P N 22-890686L-180	Paratech Nipple for ALB 7/16-24 RH THD P N 22-890686-180	Paratech Nipple with 1/4 in NPT F P N 22-890682-180
						
Paratech Nipple with 1/2 in NPT M P N 22-22-890684-180	Paratech Nipple with 1/2 in NPT F P N 22-890685-180	Locking Nipple with 3/8 in / 1 cm hose stem fits MAXIFORCE® G3 and Vetter P N 22-890691-180	Locking Nipple with Nipple 7/16-24 LH MAXIFORCE® G3 and Vetter P N 22-890652L-180	Paratech/Vetter Nipple 7/16-24 RH P N 22-890652-180	Paratech Coupling with 3/8 in / 0.4 cm hose stem w/Ferrule - consists of 22-890700AV-180 & 22-890624 P N 22-890700V-180	Paratech Coupling with 3/8 in / 1 cm hose stem P N 22-890700AV-180
						
Paratech Coupling with 1/2 in NPT M P N 22-890710V-180	Paratech Coupling with 1/4 in NPT F P N 22-890711V-180	Paratech Coupling with 1/2 in NPT F P N 22-890720V-180	Paratech Coupling with 1/4 in NPSM with 'O' Ring P N 22-890721AV-180	Paratech Coupling with 1/4 in NPSM open P N 22-890703V-180	Paratech Double Male Nipple P N 22-890730-180	Paratech Nipple Industrial Nipple with Valve P N 22-890732-180
						
Paratech Nipple and Glad Hand P N 22-890734-180	'Y' with 2 Paratech Couplings and 1/4 in NPT F P N 22-890735-180	'Y' with 2 Paratech Couplings and MAXIFORCE® Nipple P N 22-890736-180	'Y' with 3 Paratech Couplings P N 22-890740-180	Paratech Nipple and Tire Valve Inflator P N 22-890737-180	Paratech Nipple and Locking Tire Chuck P N 22-890731-180	Paratech Nipple and 12 in / 30.5 cm hose with clamp P N 22-890738-180
						
Paratech Nipple and Industrial Twist Lock with Valve P N 22-890749-180	Industrial Coupling 1/4 in NPT F P N 22-890751	Industrial Coupling 1/4 in NPT M P N 22-890752	Industrial Nipple 1/8 in NPT M P N 22-890760	Industrial Nipple 1/4 in NPT M P N 22-890761	Industrial Nipple 3/8 in NPT M P N 22-890762	Industrial Nipple 3/8 in NPT M P N 22-890763
						
Paratech Coupling with 1/4 in NPT M open P N 22-890704V-180	Paratech Coupling with 1/4 in NPT M P N 22-890712V-180	Paratech Coupling with 3/8 in NPT M P N 22-890714V-180	Paratech Coupling with 3/8 in NPT F P N 22-890716V-180	Paratech Nipple with 1/4 in NPT M P N 22-890681-180	Nipple (Strut Inlet) 1/8 in NPSM P N 22-796065	Nipple (Strut Inlet) 1/8 in NPSM P N 22-796065-180
						
Hose Splice 3/8 in / 9.5 mm dia. x 3/8 in / 9.5 mm dia. P N 22-890673	Hose Stem 1/4 in NPT M with 3/8 in / 9.5 mm dia. P N 22-890674	Hose Barb 1/4 in NPT F with 3/8 in / 9.5 mm dia. P N 22-890675	Paratech Nipple with 3/8 in NPT F P N 22-890777-180	Dual Tank Connector with Check Valves - CGA 346/347 Net Weight: 1.5lb / 0.68kg P N 22-800130		Dual Tank Connector with Check Valves - DIN Net Weight: 1.5lb / 0.68kg P N 22-800135

MaxiForce Air Lifting Bags

MaxiForce Accessories



NIPPLE FOR ALB

Part No.

7/16-24 RH 890686-180

7/16-24 LH 890686L-180



NIPPLE PROTECTOR

Part No. 22-890709T



SWIVEL FITTING

Part Number: 22-890784-180

Weight: .46 lbs (208,6 g)



Air Hoses



A full 3/8 in / 9,5 mm inside diameter in a wide range of colors and lengths. Couplings and nipples are field replaceable using simple hand tools. Working pressure of 300 psi / 20,7 bar assures reliability. Hose stays flexible over the full operating temperature range of the lift bag. Closed couplings prevent air escape at disconnect (no blowing debris).

3/8 IN / 9,5 mm diameter

RED

YELLOW

GRAY

BLUE

BLACK

GREEN

16ft / 5m (2.5 lb / 1,1kg)

22-890516-180

22-890515-180

22-890518-180

22-890514-180

22-890513-180

22-890517-180

32ft / 10m (4.5 lb / 2,0kg)

22-890521-180

22-890520-180

22-890525-180

22-890523-180

22-890522-180

22-890524-180

50ft / 15m (7.0 lb / 3,2kg)

22-890541-180

22-890544-180

22-890545-180

22-890543-180

22-890546-180

22-890544-180

MaxiForce Air Lifting Bags

