

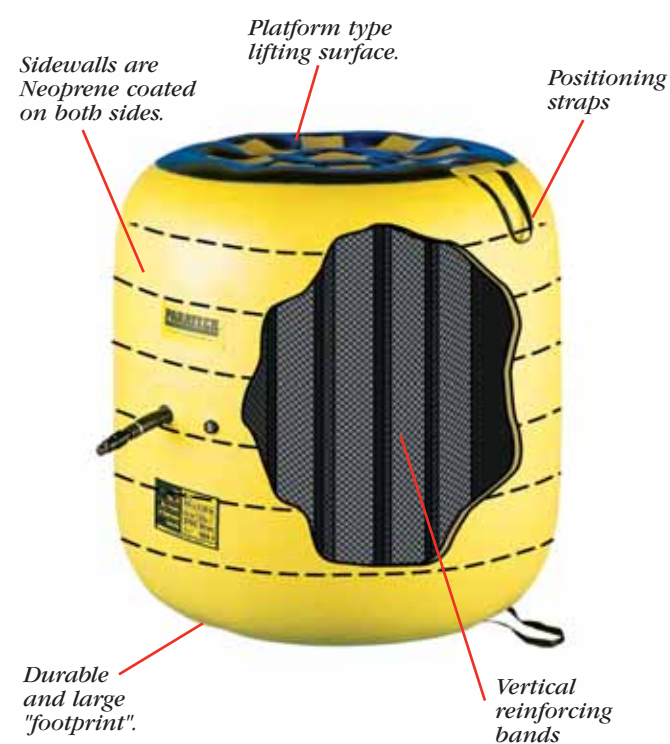


PARATECH®

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Typical Applications Include:

- Major vehicle accidents (cars, trucks, buses)
- Light aircraft recovery
- Filling voids created in trench collapse
- Small vehicle turnovers
- Downed or trapped animals
- Flotation device
- Industrial lifting applications



Rescue Starts Here

When the call comes, you're ready, you're tough and you're committed. At Paratech we understand. For over 40 years our people have been working to make sure that you have the most reliable, innovatively designed and well manufactured rescue tools and equipment to do your job. From engineering, to manufacturing, to training... failure is not an option.



RESCUE AIR CUSHIONS



Paratech Incorporated
 P.O. Box 1000, Frankfort, IL 60423 USA
 Phone: 815.469.3911 Fax: 815.469.7748
 www.paratech.us E-mail: paratech@paratech.us

Paratech Europe, Branch of Paratech Inc.
 P.O. Box 174, 5260 Odense S, Denmark
 Phone: +45.66.11.24.22 Fax: +45.66.11.24.32
 Email: paratech@paratech.dk



Part No. 22-000220/06

RESCUE STARTS HERE

High Lift Rescue Air Cushions are recommended for rescue units that maintain a high degree of readiness through training. Rescue teams proficient in the use of high pressure lifting bags are the best candidates for Rescue Air Cushions.

Rescue Air Cushions are available in 4 sizes and 2 pressure ranges for maximum versatility and a wide range of applications.

They are an ideal tool for high lift requirements of non-reinforced broad surfaces found on trucks, vans, and light aircraft. Especially effective in the rescue or recovery of downed animals.

Rescue Air Cushions are used by Collapse Rescue Teams to fill collapse voids and regain support for Rescue Struts, wall braces, and shoring.



TYPE PART NO.	A/K 22-887005K	B/K 22-887010K	C/K 22-887015K	D/K 22-887020K	A 22-887005	B 22-887010	C 22-887015	D 22-887020
MAXIMUM LOAD LBS (KG)	6,560 (2,976)	10,252 (4,650)	14,761 (6,696)	26,241 (11,903)	3,280 (1,488)	5,126 (2,325)	7,379 (3,347)	13,120 (5,951)
LIFT HEIGHT INS (CMS)	17 (43)	23 (58)	24 (61)	40 (102)	17 (43)	23 (58)	24 (61)	40 (102)
DIAMETER INS (CMS)	24 (61)	30 (76)	36 (91)	48 (122)	24 (61)	30 (76)	36 (91)	48 (122)
AIR REQUIRED CU FT (LTRS)	10.4 (295)	23 (651)	31.6 (895)	83.2 (2356)	7.8 (221)	15.9 (450)	22.2 (629)	67 (1897)
WEIGHT PACKAGED LBS (KG)	35 (16)	38 (17)	50 (23)	56 (25)	35 (15)	38 (17)	50 (22)	56 (25)
INSERT SPACE APPROXIMATELY INS (CMS)	2 (5)	2 (5)	2 (5)	4 (10)	2 (5)	2 (5)	2 (5)	4 (10)
Working Surface	3 PLY NEOPRENE COATED BELT .2IN (5MM) NOMINAL THICKNESS				3 PLY NEOPRENE COATED BELT .2IN (5MM) NOMINAL THICKNESS			
Inflation Port	MOLDED THREADED FITTING 1-1/6 -12				MOLDED NEOPRENE FLANGE & TUBE			
Inlet Nipple	QUICK CONNECT W/THREADED LOCKING RING				QUICK CONNECT W/THREADED LOCKING RING			
Restraint Webs	TWIN NYLON WEBS 2 IN (50MM) WIDE 9500 LB (4552 KG) BREAKING STRAIN				NYLON 1 IN (25MM) 2399 LB (1088 KG) BREAKING STRAIN			
Side Wall	NEOPRENE COATED (BOTH SIDES) ARAMID FABRIC W/PERIMETER REINFORCING BELTS				NEOPRENE COATED (BOTH SIDES) NYLON FABRIC W/PERIMETER REINFORCING BELTS			
Built In Reset Relief Valve	MOLDED, THREADED, SPRING LOADED, SELF RESETTING AT 14.5 PSI (1 BAR)				MOLDED, THREADED, SPRING LOADED, SELF RESETTING AT 7.25 PSI (0.5 BAR)			



22-887100K – 6 ton load capacity
17 in. (43cm) lift height



22-887102K – 10 ton load capacity
23 in. (58cm) lift height



22-887104K – 14 ton load capacity
24 in. (61cm) lift height



22-887106K – 26 ton load capacity
40 in. (102cm) lift height



22-887100 – 3 ton load capacity
17 in. (43cm) lift height



22-887102 – 5 ton load capacity
23 in. (58cm) lift height



22-887104 – 7 ton lift capacity
24 in. (61cm) lift height



22-887106 – 13 ton lift capacity
40 in. (102cm) lift height

Each Rescue Air Cushion System Consists of:

- Two Rescue Air Cushions with pressure reliefs
- A dual safety controller with quick connect couplings
- One length of 3/8 in. (9.5mm) diameter high pressure hose with quick connect couplings, 16 ft. (5M)
- Two lengths of 1 in. (2.5 cm) diameter low pressure hose with quick connect couplings, 20 ft. (6M)
- Storage and carrying case
- Repair kit

Optional Accessories

- Control center, 4 cushion inflation/deflation
- Quad controller w/gauges and safety relief valves
- 40 and 60 foot (12.2 and 18.3 m) hose lengths.
- Pressure regulators
- Compressed air cylinder - 80 cubic feet (2.3m³)
- Claw type couplings



Advantages

- Lifting heights from 17 in. to 40 in. (43 to 102 cm)
- Greater stability due to the size of the contact area
- Lighter loads have predictable lift results
- Full lift capacity over full lifting height
- Soft footprint allows placement on soft and uneven terrain
- User repairable for limited damage or punctures
- Four (4) sizes to choose from

Safety & Operational Features

- Pressure relief valves on cushions and control valve
- Interior reinforcing maintains flat lift surfaces for direction of lift force
- Quick connect couplings with locking ring
- Positioning handles
- Each cushion is factory tested at 1.3 times operating pressure
- Contact area diameter exceeds lifting height
- Variable operating pressure
 - Two pressure ranges
 - 0–7.25 PSI (0.5 BAR) nylon reinforced
 - 0–14.5 PSI (1 BAR) aramid reinforced

Ease of Operation

- Air Cushion inflation can be made from a variety of compressed air sources
 1. Industrial compressed air
 2. Compressed air storage cylinders
 3. Air brake systems
 4. Portable blowers
- Portable, hand held controller includes adjustable valves, gauges, and pressure reliefs