

# PARATECH®

INDUSTRIAL GRADE

**AIR  
LIFTING  
BAG**

**ATEX** 



# 14 SIZES GUARANTEE THE RIGHT



**THE PARATECH AIR LIFTING BAG IS A THIN, STRONG MOLDED ENVELOPE AVAILABLE IN 14 DIFFERENT SIZES. IT IS MADE FROM 3 LAYERS OF NEOPRENE COVERED KEVLAR FIBER REINFORCEMENT AND HAS THE POWER TO LIFT OR SHIFT WEIGHTS UP TO 70 TONS (63.5 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.**



**EASE AND SAFETY IN HEAVY MACHINERY MAINTENANCE**

**Paratech Air Lifting Bags** can be used to lift and shift literally any size load. The air lifting bags have a capacity from 1.2T (1.1t) for the smallest bag to 70T (63t) for the largest. When put side by side the capacity doubles, and the only limitation is space. Paratech industrial strength air lifting bags are extremely tough, made from 3 layers of Neoprene covered Kevlar fiber reinforcement, giving tremendous strength throughout the inflation.

Each air lifting bag has been subjected to stringent factory pressure tests to assure maximum operator safety and satisfaction.

All Paratech air bags meet and exceed the intent of all known, recognized and published international standards for the design, production and use of air lifting bags. This includes, but is not limited to:

**NATIONAL COAL BOARD (UK)  
DEPARTMENT OF INDUSTRIAL RELATIONS  
BOARD OF MINE SAFETY  
JAPAN STANDARDS INSTITUTE  
EN13731  
ATEXex**



**QUICKLY SEPARATE STUCK DUAL WHEELS**

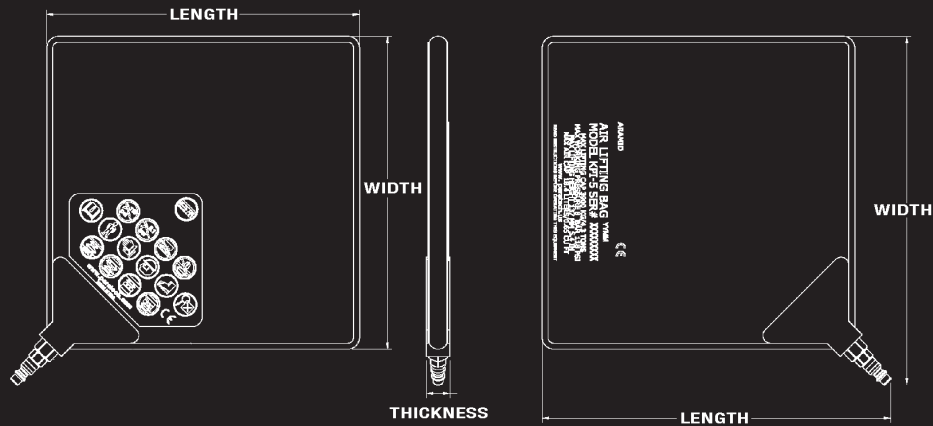
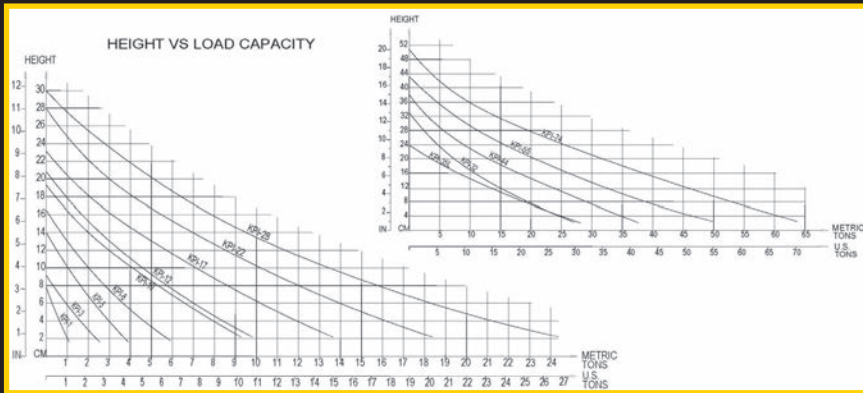
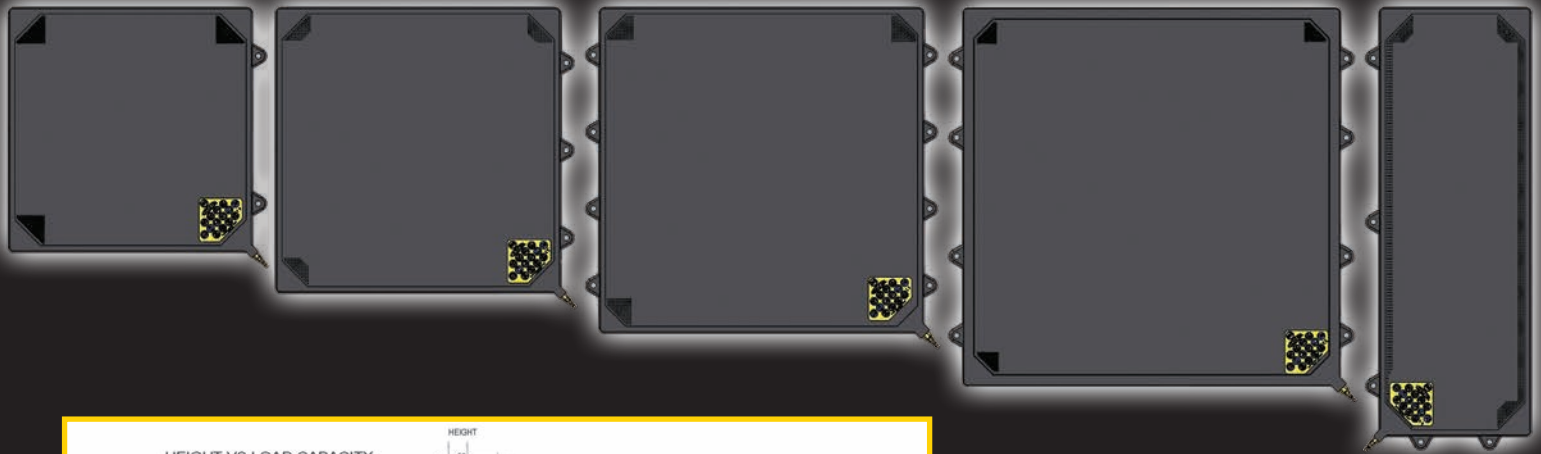


**RE-RAIL, LIFT AND SHIFT CARS AND LOCOMOTIVES,  
CHANGE TRUCKS, FAST AND EASY SHIM REPLACEMENTS**



**CHANGE HEAVY EQUIPMENT TIRES SIMPLY AND SECURELY**

# SOLUTION FOR YOUR LIFTING JOB!



ITEM NO	22-000110	22-000120	22-000130	22-000135	22-000138	22-000140	22-000150	22-000160	22-000165	22-000170	22-000180	22-000190	22-000195	22-000200
MODEL	KPI-1	KPI-3	KPI-5	KPI-8	KPI-10	KPI-12	KPI-17	KPI-22	KPI-28	KPI-32	KPI-35L	KPI-44	KPI-55	KPI-74
CAPACITY														
MAX LIFT HEIGHT	INCH	3	3.5	5.4	6.4	7.3	8.2	9	11	11.7	13	15	17	20
	MM	76	89	137	163	185	208	229	279	297	330	381	432	508
MAX LIFT CAPACITY	TON US	1.1	2.5	3.9	5.9	9.3	9.8	13.6	16.3	24.3	27.1	37.6	49.6	63.7
	TON	1.2	2.8	4.3	6.5	10.2	10.8	15	20.2	26.8	29.9	41.5	54.9	70.2
MAX AIR CAPACITY	LITERS	2.94	8.1	18.36	37.34	66.26	74.77	125.61	188.39	278.88	318	560.5	864.5	1227
	CUFT	0.1	0.29	0.65	1.32	2.34	2.64	4.44	6.65	9.85	11.23	19.8	30.5	43.3
WORKING PRESSURE							118 psi / 8 Bar							
FACTORY TEST PRESSURE							238 psi / 16 Bar							
BURST PRESSURE							472 psi / 32 Bar							
DIMENSIONS														
THICKNESS	INCH	0.75	0.75	0.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	1	1
	MM	19	19	19	22	22	22	22	22	22	22	22	25	25
W/O EYELETS														
WIDTH	INCH	8	8	10	11.9	12	15	15	20	20	24	14.9	26	31.9
	MM	152	152	254	303	305	381	381	508	508	610	378	711	811
LENGTH	INCH	6	12	10	11.9	18	15	21	20	26	24	41.8	28	31.9
	MM	152	305	254	303	457	381	533	508	660	610	1060	711	811
W EYELETS														
	INCH	7.5	7.3	11	13.3	13.5	16.3	16.1	21.1	21.4	25.5	16.3	29.5	33.1
	MM	191	185	279	338	343	414	409	536	544	648	414	749	841
	INCH	7.5	13.4	11	13.3	19.4	16.4	22.3	21.1	27.3	25.5	43.3	29.5	34.8
	MM	191	340	279	338	493	417	566	536	693	648	1100	749	884
WEIGHT	LBS	1.2	2.3	3.1	5.5	8.3	8.8	12	15.9	20.1	22	24.5	30	45.2
	KG	0.6	1	1.4	2.5	3.7	4	5.4	7.2	9.1	10	11.1	13.6	20.5
SHORT TERM TEMP. RANGE	oF						-75 TO +200							
	oC						-60 TO 105							
LONG TERM TEMP. RANGE	oF						-40 TO 118							
	oC						-40 TO 65							
MATERIAL							NEOPRENE WITH KEVLAR REINFORCEMENT							
NO. OF KEVLAR LAYERS EACH SIDE							3							
REPLACEMENT NIPPLE							YES							
MOULDED NON-SLIP SURFACE							YES							
MADE IN USA							YES							

**PARATECH MANUFACTURES ALL ESSENTIAL PARTS IN HOUSE AND MAINTAINS A STRICT QUALITY CONTROL ON ALL PARTS MANUFACTURED. PARATECH'S INDUSTRIAL AIR LIFTING BAGS ARE ALL FITTED WITH INDUSTRIAL AIR FITTINGS**



**SINGLE  
DEADMAN  
CONTROLLER**



**DUAL  
DEADMAN  
CONTROLLER**



**REGULATOR**



**INLINE RELIEF  
VALVE**



**HOSES**

**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 KIT CONTENTS:**

- Full compliment of control equipment, hoses & fittings
- 2 small rectangular bags 6 x 12in / 15.2 x 30.5cm
- 2 larger square bags 10 x 10in / 25.4 x 25.4cm
- 2 small square bags 6 x 6in / 15.2 x 15.2cm
- Heavy duty rolling storage case
- 4 plastic felling wedges

**MAN IN MACHINE RESCUE**



**DAILY PRODUCTION TASKS**



**MACHINERY PLACEMENT**



**LIFT AND SHIFT IN: MINING, RAILWAYS & RAILROADS, AEROSPACE INDUSTRY, REFINERIES, GAS PLANTS, PIPELAYING & PIPE MAINTENANCE, SALVAGE COMPANIES (ALSO UNDER WATER), RIGGING COMPANIES, FORWARDING, OFFSHORE PLATFORMS, MARITIME, AND MORE!**

**PARATECH®**

**(800) 435-9358    EU: +45 66 11 24 22**  
**www.paratech.com**  
**MADE IN THE USA AND USED WORLDWIDE**