

High-performance lifting cushions

...worldwide for fire and rescue!



Pneumactical cushions; high-pressure - 8 bar with Kevlar®-reinforcement

Fields of operation (in extracts)

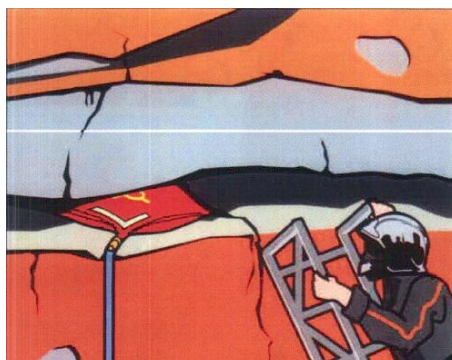
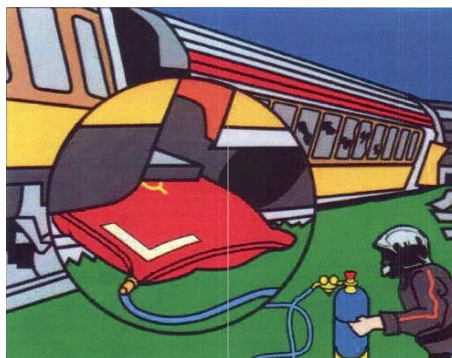
- rescue of buried persons
- rescue after natural disasters like e.g. earthquakes
- rescue after building collapses e.g. as a result of a gas explosion
- rescue of pinned persons from e.g. window grills or blocked lift doors
- displacing of heavy machines or constructions at e.g. industrial accidents
- lifting of structures
- road accidents or railway accidents

- **Light**
- **flameproof**
- **antistatic**



Cushion type	SP 01	SO03	SP06	AP12	AP20	SP20 L	SP24	SP24L	SP31	SP40	SP54	SP64
Max. lifting capacity (kg)	1050	3040	6050	12800	20000	20700	25080	24000	32200	42050	53800	63700
Max. lifting height (mm)	70	130	150	220	270	230	300	200	360	420	450	510
Air requirement (ltr.)	5	15	42	152	296	270	416	220	621	921	1305	1505
Dimensions (cm)	15x15	22,5x22,5	30x30	45x45	55x55	37,5x75	61x61	32x102	69x69	78x78	87x87	91x91
Thickness (mm)	28	28	28	28	28	28	30	28	30	30	30	30
Weight (kg)	0,6	1,3	2,4	5,3	8,1	7,4	11,2	8,5	13,3	18,2	22,5	25,3
Working pressure: 8 bar - Test pressure: 12 bar - Cracking pressure: > 32 bar												

- The Bemaex cushions consist of 3 KEVLAR® fibre structures that are completely embedded in neoprene which results in a resistance against numerous chemicals and hydrocarbons.
- The lifting cushion's durability is higher than at steel-cord cushions and their wear resistance is 20 times greater.
- The cushions are compatible with existing 8 bar lifting cushion accessories.
- The cushions do not require special maintenance and can also be used on grounds like e.g. rough gravel or debris.
- The lifting force and lifting height are proportional to the air pressure and to the contact surface.



Accessories:



Fitting design



Dual control element in GRP-housing with control by joystick (dead man's control)



Single control element with automatic safety valve



Single control element and dual control element (compact design, dead man's control)



Pressure reducer 200/300 bar with 2 m hose

Lifting cushions