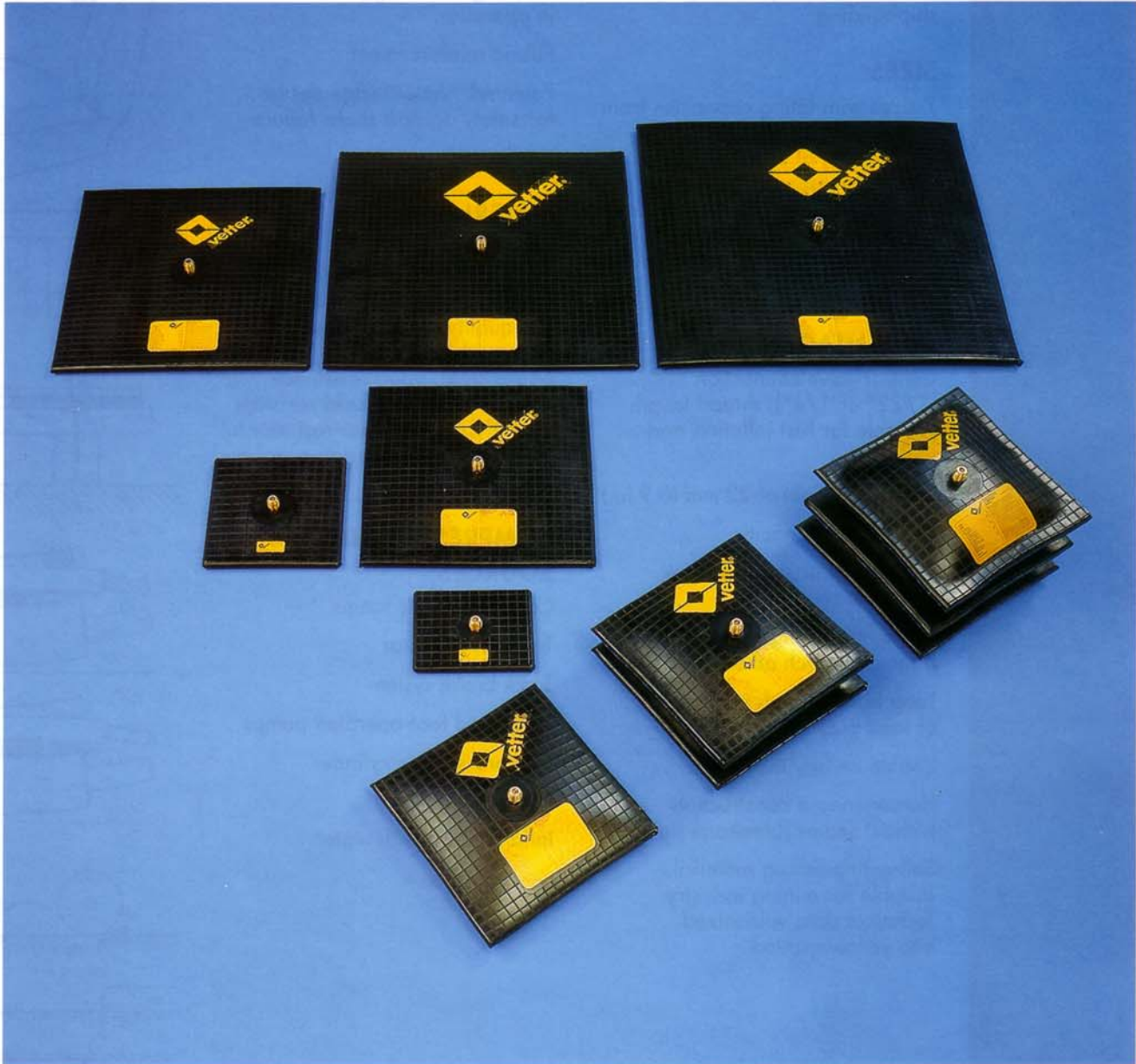


VETTER INDUSTRIAL LIFTING BAGS 6 bar (87.6 psi)



Vetter Industrial Lifting Bags press and lift loads, precisely and smoothly without jolting. They come with all the power required for their job, together with patented edge reinforcement to withstand a high number of load changes.

Their long life makes them ideal for applications in industrial production. Additionally, they incorporate the long years of experience and superior quality that have earned Vetter the status of world market leader.

APPLICATIONS:

In the automotive industry, mechanical engineering, conveying technology, construction industry, agriculture, medicine, food industry, chemical industry, mining, shipbuilding

SIZES:

7 sizes with lifting capacities from 2,900 to 35,500 kg (6,392 to 78,263 lbs) at 6 bar (87.6 psi) (higher pressure on request), lifting height up to 32 cm (12.6 in.) - or max. 96 cm (37.8 in.) with 3 bags stacked and braced atop each other

ADVANTAGES:

Central valve connection (1/22" or 1/4"), thread length variable for fast inflation and deflation

Standard height of 22 mm (0.9 in.)

High lifting capacity

Very high bursting pressure in operation

Large lifting height by stacking bags atop each other

Long life and high number of load changes

Usable on any incline

Homogeneous construction without seams (breakage points)

Self-extinguishing material, suitable for mining industry
Technical data vulcanized into yellow ground

SAFETY:

DIN ISO 9001/EN 29001

Ongoing quality control of production by inspectors from TÜV-Rhineland

Very high bursting pressure in operation

Fabric reinforcement

Patented "Vetter" edge design for safety against shear failure

Worldwide repute

MATERIAL: D

Tried and tested fabric. Construction is similar to that of Vetter High-Pressure Bags. Top quality, anti-static, self-extinguishing, oil-resistant, good resistance against chemicals, cold-resistant to -40°C/-40°F, heat-resistant to +95°C/200°F, abrasion-proof and anti-slip.

COMPRESSED-AIR SOURCES:

Compressed-air mains

Truck tyre inflator

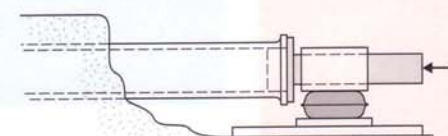
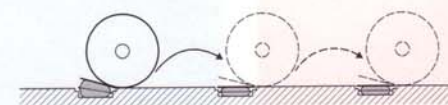
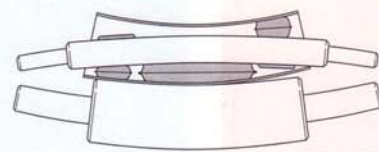
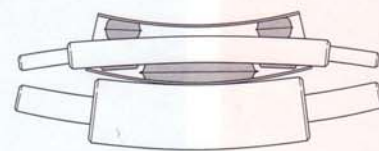
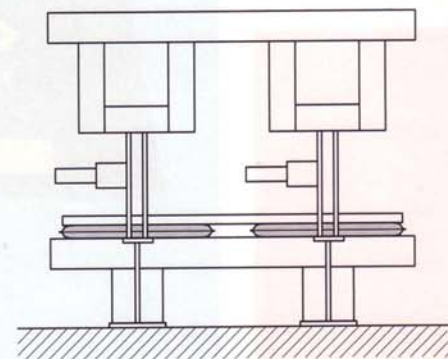
Truck brake system

Hand and foot-operated pumps

Compressed-air cylinder

Compressor

Inflation also with water



TECHNICAL DATA:

Type		IK 3	IK 4	IK 8	IK 13	IK 19	IK 27	IK 35
Art.-No.		510 01 000	510 02 000	510 03 000	510 04 000	510 05 000	510 06 000	510 07 000
Lifting capacity	kg	2,904	4,370	8,210	13,250	19,490	26,930	35,570
	(lbs)	(6,400)	(9,631)	(18,095)	(29,203)	(42,956)	(59,354)	(78,396)
Lifting height max.	cm (in.)	12 (4.7)	16 (6)	22.5 (8.8)	27 (10.6)	28 (11)	30 (11.8)	32 (12.5)
Size	cm	25 x 25	30 x 30	40 x 40	50 x 50	60 x 60	70 x 70	80 x 80
	(in.)	(9.8 x 9.8)	(11.8 x 11.8)	(15.7 x 15.7)	(19.6 x 19.6)	(23.6 x 23.6)	(27.5 x 27.5)	(31.4 x 31.4)
Insertion height with smooth surface: 2.2 cm (0.9 in.)	cm (in.)	25 (1)	25 (1)	25 (1)	25 (1)	25 (1)	25 (1)	25 (1)
Nominal content	l (cu. ft.)	1.6 (0.05)	4.7 (0.17)	10.8 (0.4)	22.1 (0.8)	42 (1.5)	71 (2.5)	105 (3.7)
Air requirement max.	l (cu. ft.)	11.2 (0.4)	32.9 (1.2)	75.6 (2.7)	154.7 (5.5)	294 (10.3)	497 (17.5)	735 (26)
Working pressure max.	bar (psi)	2-6 (29-87.6)	2-6 (29-87.6)	2-6 (29-87.6)	2-6 (29-87.6)	2-6 (29-87.6)	2-6 (29-87.6)	2-6 (29-87.6)
Test pressure	bar (psi)	7.8 (113)	7.8 (113)	7.8 (113)	7.8 (113)	7.8 (113)	7.8 (113)	7.8 (113)
Weight	kg (lbs)	1.5 (3.3)	2.5 (5.5)	3.9 (8.6)	6.5 (14.3)	8.9 (19.6)	13 (28.6)	17 (37)

All figures apply to bags in operating position