

Lifting bags

Simply indispensable for rescuers worldwide.

S.Tec 12 Lifting Bags (12 bar / 174 psi)

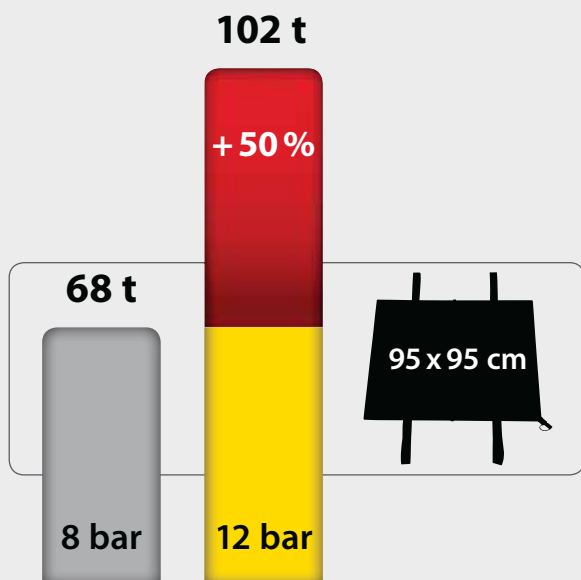
The next generation of high-pressure lifting bags.

- › 50 % more performance*
- › Up to 102 tons (112 US tons) lifting power
- › 2.5 cm (0.98 inch) insertion height
- › Max. lifting power and height are readable at the side

Vetter has further optimised the popular mini lifting bags to create a new generation of lifting bags: Vetter S.Tec 12 Lifting Bags master every rescue operation with ease. Amazingly flat and uniquely powerful. Its dynamic 12-bar lifting power makes it the most impressive lifting bag on the market. With an insertion height of only 2.5 cm (0.98 inch), our S.Tec 12 Lifting Bag fits in even the narrowest gaps and openings. Thanks to its intelligent surface profile, you can safely stack two bags.

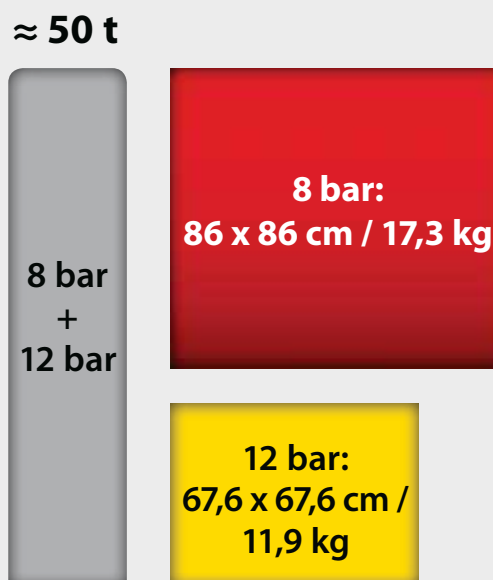


50 % performance increase with the same bag size.



Is valid for the following S.Tec 12 Lifting Bags
V 1, V 5, V 7, V 26, V 33L, V 35, V 59, V 83 and V 102

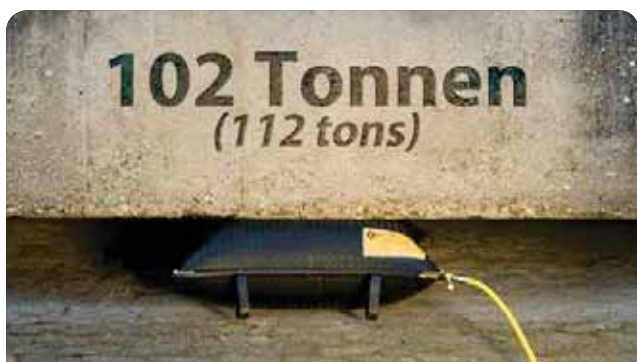
Same lifting power with smaller and lighter bags*



Is valid for the following S.Tec 12 Lifting Bags
V 10, V 12, V 20, V 40 and V 50



Uniform low insertion height of 2.5 cm (0.98 inch)
for all bag sizes.



Lifting power up to 102 tons (112 US tons).



In operation ...

- › Freeing trapped persons
- › Traffic accidents
- › Rockfalls or landslides
- › Collapsed buildings



Good reasons:

- › 50 % performance increase*
- › Stackable due to non-slip surface profile
- › Safety coupling
- › Aramid-reinforced
- › compatible with 8 + 10 bar inflation accessories



Guaranteed quality:

- › Individually tested (with dated inspection seal)
- › Safety factor greater than 4:1
- › Complies with EN 13731 (independently tested)
- › 3-year guarantee



S.Tec Lifting Bags sets (12 bar / 174 psi)

The world's most popular sets for any application:

Rescue set (12 bar / 174 psi) – 426 kN

S.Tec 12 Lifting Bags up to 20 tons (22 US tons) 1316001500

This set is especially versatile and suitable for almost all road applications. Whether lifting vehicles when people are trapped underneath or freeing trapped limbs after traffic accidents, this set is a reliable helper.



The set includes:

- › Lifting bags V 10, V 12, V 20
- › 2 inflation hoses 12 bar, 5 m, yellow and red (174 psi, 16.4 ft.)
- › Air CU lighting, deadman controller
- › Pressure regulator 200 / 300 bar (2,900 / 4,350 psi)

Emergency Rescue set (12 bar / 174 psi) – 961 kN

S.Tec 12 Lifting Bags up to 33 tons (36 US tons) 1316001600

The emergency rescue set is ideal for the rapid rescue of trapped persons. The multitude of lifting bags lets you react to the lifting weight with great versatility. Use the emergency rescue set to create free space during traffic accidents and natural disasters.



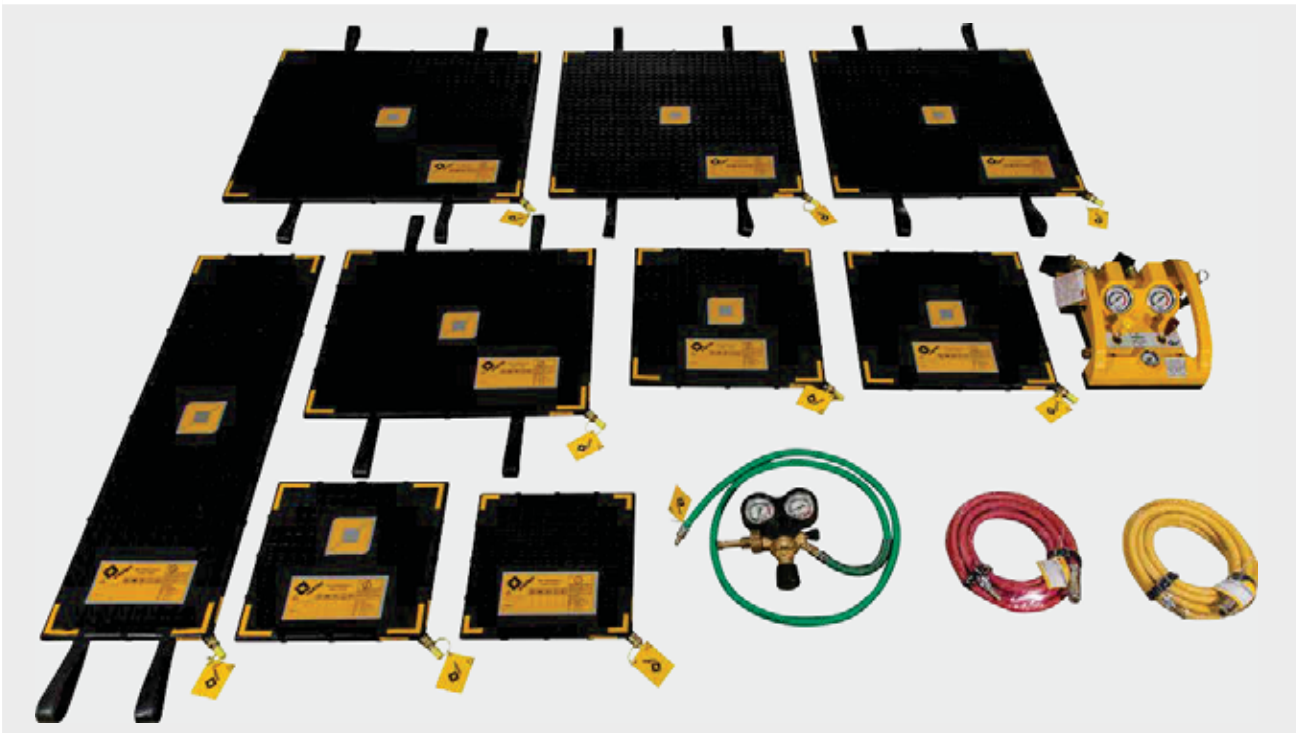
The set includes:

- › Lifting bags V 10, V 12, 2 x V 20, V 33L
- › 2 inflation hoses 12 bar, 5 m, yellow and red (174 psi, 16.4 ft.)
- › Air CU lighting, deadman controller
- › Pressure regulator 200/300 bar (2,900 / 4,350 psi)

Heavy rescue set (12 bar / 174 psi) – 2,904 kN

S.Tec 12 Lifting Bags up to 59 tons (65 US tons) 1316001700

With the heavy rescue set, you have 9 bags in 7 different sizes at your disposal, from little helpers to the big bag with up to 59 tons (65 US tons) of lifting power. With this set, you are ready for everything: traffic accidents with heavy trucks, collapsed buildings and even natural disasters. The heavy rescue set should be available at every major rescue operation.



The set includes:

- › Lifting bags V 10, V 12, 2 x V 20, V 33L, V 35, 2 x V 50, V 59
- › 2 inflation hoses 12 bar, 5 m, yellow and red (174 psi, 16.4 ft.)
- › Air CU lighting, deadman controller
- › Pressure regulator 200 / 300 bar (2,900 / 4,350 psi)

S.Tec Lifting Bags (12 bar / 174 psi)

**You want a set of lifting bags perfectly tailored to your requirements?
Just ask us. We'll be pleased to advise you.**

Your choice:

- › 14 different lifting bag sizes (square or rectangular shaped) with lifting power up to 102 tons (112 US tons)
- › 3 controllers (2 deadman versions, 1 fitting)
- › many different compressed air sources including compressed air cylinder, compressor, compressed air connection on vehicles

For the right accessories to assemble custom sets, see page 30.



Technical data*

S.Tec 12 Lifting Bags (12 bar / 174 psi)	Lifting power, max. ** to / US tons	Lifting height, max. cm / inch	Size cm / inch	Air requirement, at 12 bar / 174 psi litres / cu. ft.	Weight, approx. kg / lbs
V 1 1316000200	1.3 1.5	7.4 2.9	14 x 13 5.5 x 5.1	4.0 0.2	0.5 1.1
V 5 1316000300	4.6 5.1	12.1 4.8	25.5 x 20 10 x 7.9	23.2 0.8	1.3 2.9
V 7 1316000400	7.5 8.3	15.8 6.2	28 x 28 11 x 11	54.0 1.9	2.0 4.4
V 10 1316000500	10.1 11.1	17.8 7.0	32 x 32 12.6 x 12.6	120.3 4.3	2.6 5.8
V 12 1316000600	12.3 13.5	19.5 7.7	35 x 35 13.8 x 13.8	191.3 6.8	3.0 6.7
V 20 1316000700	20.2 22.2	24.5 9.6	44 x 44 17.3 x 17.3	253.0 8.9	4.8 10.6
V 26 1316003300	25.9 28.5	27.0 10.6	47 x 52 18.5 x 20.5	279.0 9.9	6.2 13.7
V 33L 1316000800	33.3 36.7	19.3 7.6	31 x 102 12.2 x 40.2	321.7 11.4	8.0 17.6
V 35 1316000900	34.7 38.2	29.9 11.8	52 x 62 20.5 x 24.4	479.0 16.9	8.2 18.2
V 40 1316003500	40.4 44.5	33.5 13.2	61 x 61 24 x 24	603.0 21.3	9.3 20.5
V 50 1316001000	50.1 55.2	37.5 14.8	67.6 x 67.6 26.6 x 26.6	798.3 28.2	11.9 26.2
V 59 1316001100	59.4 65.5	39.3 15.5	78 x 69 30.7 x 27.2	1,103.7 39	13.9 30.6
V 83 1316001200	82.7 91.1	46.6 18.3	86 x 86 33.9 x 33.9	1,646.0 58.1	19.1 42.1
V 102 1316001300	101.6 112.0	51.6 20.3	95 x 95 37.4 x 37.4	2,301.3 81.3	23.1 50.9

S.Tec 12 Lifting Bags (12 bar / 174 psi):

Working pressure: 12 bar (174 psi)

Test pressure: 18 bar (261 psi)

Burst pressure, at least: 48 bar (696 psi)

Standard insertion height of only 2.5 cm (0.98 inch).

L = rectangular shaped lifting bag

*Technical changes reserved

** Actual lifting power after subtraction of the edge area

Your choice of S.Tec 12 Lifting Bags depends on the weight to be lifted as well as the necessary lifting height. We'll be pleased to advise you.

Connectable Bags C.Tec 12 (12 bar / 174 psi)

Singly or combined - safe in every operation.

- › TÜV-certified
- › Worldwide unique, comprehensive certified system
- › Uncomplicated and simple
- › Toolless connection technology

Vetter Connectable Bags C.Tec 12 are the perfect solution to react rapidly in critical situations. They combine the lifting power of the Mini lifting bag and the lifting height of the known Vetter 1 bar lifting bag. This gives you the variability to react flexible on different heights.

Thanks to the toolless connection technology, the bags are ready for action within seconds. Only Vetter has certified its connection technology by an independently institute. The integrated load plate guarantees a high level of stability and load-bearing capacity during the lifting process. The lifting of point loads and objects with sharp or pointed surfaces is possible without additional adapters.





The swivel joint prevents the inflation hose from kinking, when being inflated



Integrated load plate with marking



Connection plate with marking



Only Vetter has certified its connection technology by an independently institute.



In operations at ...

- › Rescuing trapped persons
- › Creating accesses
- › Natural disasters, building collapses and accidents



Good reasons:

- › Safest connection technology in the market (connection technology independently tested)
- › Simple handling
- › Toolless bag connection
- › Bags can be used individually or combined
- › No deflation necessary to dismantle



Guaranteed quality:

- › The whole system is tested and certified (independently)
- › Safety factor more than 4:1
- › Complies with EN 13731 (independently tested)



Connectable Bags C.Tec 12 (12 bar / 174 psi)

Are you looking for a lifting-bag set which perfectly matched to your requirements? Contact us. We will be glad to advise you!

You have the following selection:

- › 3 different lifting-bag sizes
- › 3 control devices (2 deadman, 1 fitting version)
- › Many different compressed air sources, e.g. compressed air bottle, compressor, compressed air connection at the vehicle

You can find the right accessories for combining the individual sets from page 30.

Technical data*

Connectable Bags VCB C. Tec 12 bar / 174 psi	Lifting power with full areal contact, max. ** <i>to / US to</i>	Lifting power with full contact with load plate, max. <i>to / US to</i>	End lifting capacity <i>to / US to</i>	Lifting height at end lifting capacity <i>cm / inch</i>	Lifting height max. ** <i>cm / inch</i>
VCB 30 C.Tec 12 1316003700	30.1 / 33.2	14 / 15	7 / 7	21 / 8.3	29.3 / 11.5
VCB 75 C.Tec 12 1316003800	74.7 / 82.3	41 / 45	12 / 13	35 / 13.8	45.9 / 18.1
VCB 172 C.Tec 12 1316003900	171.8 / 189.3	108 / 119	15 / 16	59 / 23.2	69 / 27.2



Combinations

Up to 16 different combinations possible

	max. lifting height* in cm	max. lifting height in inch	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
VCB 30	29.3	11.5	1	2	3							1	1			1	1	1
VCB 75	45.9	18.1				1	2	3				1	2	1	1			1
VCB 172	69	27.2							1	2	3			1	2	1	2	1
Connection Plate	1.5	0.6		1	2		1	2		1	2	1	2	1	2	1	2	2
Total height in cm**			29.3	60.1	90.9	45.9	93.3	140.7	69.0	139.5	210.0	76.7	124.1	116.4	186.9	99.8	170.3	147.2
Total height in inch**			11.5	23.6	35.7	18.1	36.8	55.5	27.2	55.0	82.8	30.2	48.9	45.9	73.7	39.3	67.1	58.0

Technical data*

Air requirement at 12 bar / 174 psi.	Diameter	Weight approx.	Insertion height	Connectable Bags VCB C. Tec 12 bar / 174 psi
litres / cu. ft.	cm / inch	kg / lbs	cm / inch	
420 / 14.8	56.5 / 22.2	18 / 39.7	9.0 / 3.5	VCB 30 C.Tec 12 1316003700
1,476 / 52	89.0 / 35.0	34 / 75.2	9.0 / 3.5	VCB 75 C.Tec 12 1316003800
5,048 / 178	135.0 / 53.2	58 / 128.1	11.5 / 4.5	VCB 172 C.Tec 12 1316003900

Connectable Bags C.Tec 12:

Operating pressure: 12 bar (174 psi)

Test pressure: 18 bar (261 psi)

Burst pressure, at least: 48 bar (696 psi)

* Technical changes reserved

**without loading



Trolley for accessories



Transport bag

Ultra flat bags S.Tec (10 bar / 145 psi)

The unbeatably flat first-aider of the S.Tec series.

- › 25 % more performance*
- › Ready to use in seconds
- › Insertion height only 1.6 cm (0.6 inch)
- › Reflective markings

With their super-flat insertion height of only 1.6 cm (0.6 inch), Vetter ultra flat bags are the ideal first-aider at the rescue site, fitting into the smallest of gaps. They exert their strength in the most confined spaces and make room for other rescue tools. Thanks to their low air requirement and extreme ease of use, Vetter ultra flat bags are ready to use in seconds. In short: an indispensable tool in a wide range of situations.



Technical data*

Ultra flat bags S.Tec (10 bar / 145 psi)	Lifting power max. to / US tons	Lifting height max. cm / inch	Size cm / inch	Air requirement, at 10 bar / 145 psi litres / cu. ft.	Weight approx kg / lbs	Insertion height cm / inch
UF 1 S.Tec 1315006000	1.1 1.3	7.5 3.0	14 x 13 5.5 x 5.1	3.85 0.14	0.4 0.9	1.6 0.6
UF 4 S.Tec 1315006100	3.8 4.2	12.0 4.7	25.5 x 20 10 x 7.9	24.75 0.88	1.0 2.2	1.6 0.6
UF 7 S.Tec 1315006200	7 7.7	16.5 6.5	29.5 x 29.5 11.6 x 11.6	48.4 1.71	1.7 3.7	1.6 0.6
UF 12 S.Tec 1315005900	11.6 12.8	20.3 8.0	37 x 37 14.6 x 14.6	92.95 3.29	2.4 5.3	1.6 0.6

Ultra flat bags S.Tec (10 bar):

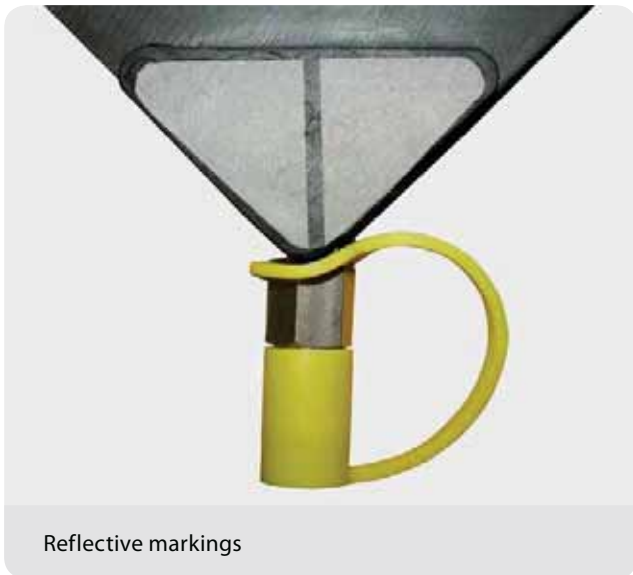
Working pressure: 10 bar (145 psi)

Test pressure: 16 bar (232 psi)

Burst pressure, at least: 40 bar (580 psi)

**Unrivalled low insertion height
of only 1.6 cm* (0.6 inch).**

* Technical changes reserved



Reflective markings



Super-flat insertion height of only 1.6 cm (0.6 inch).



In operation...

- › Freeing trapped persons
- › Preliminary measures
- › Freeing trapped limbs
- › Enlarging smallest openings
- › At accidents



Good reasons:

- › Super-flat insertion height of only 1.6 cm (0.6 inch)*
- › Flexible and easy to use
- › Aramid-reinforced



Guaranteed quality:

- › Individually tested (with inspection seal)
- › Safety factor greater than 4:1
- › Complies with EN 13731
- › 3-year guarantee (independently tested)



Mini lifting bags (8 bar / 116 psi)

The proven standard worldwide.

- › Versatile applicable
- › Safety coupling
- › Insertion heights as low as 2.5 cm (0.98 inch)
- › Quality – made in Germany

Thanks to their low insertion height, our mini lifting bags enable you to free injured persons quickly and smoothly. Lift even heaviest loads in a single smooth movement! Vetter's mini lifting bags demonstrate their versatility on the job: use them to lift, push, press, prise or split as the situation demands – safely and reliably even on difficult inclines. The optimised surface profile on Vetter's mini lifting bags masters even slippery surfaces such as sand or grass without any problems. The special safety coupling prevents unwanted disengagement of the hose from the lifting bag.





Stackable up to 2 bags.



Especially flat with insertion height from 2.5 cm (0.98 inch).



Sturdy, non-slip surface.

Especially strong: Several layers of aramid make our mini lifting bags very sturdy and long-lasting.



In operation ...

- › Freeing trapped persons
- › Traffic accidents
- › Rockfalls or landslides
- › Collapsed buildings



Good reasons:

- › Insertion height from 2.5 cm (0.98 inch)
- › Non-slip surface
- › Aramid-reinforced
- › Safety coupling



Guaranteed quality:

- › Individually tested (with inspection seal)
- › Safety factor greater than 4:1
- › Complies with EN 13731 (independently tested)
- › 3-year guarantee (independently tested)



Technical data*

Mini lifting bags (8 bar / 116 psi)	Lifting power, max. ** to / US tons	Lifting height, max. cm / inch	Size cm / inch	Air requirement, at 8 bar / 116 psi litres / cu. ft.	Weight, approx. kg / lbs
V 1 1314009300	1.0 1.1	7.5 3.0	14 x 13 5.5 x 5.1	2.7 0.1	0.5 1.1
V 3 1314009500	3.3 3.6	12.0 4.7	25.5 x 20 10 x 7.9	15.8 0.6	1.0 2.2
V 5 1314018200	5.7 6.3	14.5 5.7	28 x 28 11 x 11	28.4 1.0	1.4 3.1
V 6 1314009600	6.4 7.0	16.5 6.5	29.5 x 29.5 11.6 x 11.6	39.6 1.4	1.9 4.2
V 10 1314002200	9.6 10.6	20.3 8.0	37 x 37 15 x 15	82.8 2.9	3.3 7.3
V 12 1314002400	12.0 13.2	20.0 7.9	32 x 52 13 x 20	96.3 3.4	3.9 8.6
V 18 1314002500	17.7 19.5	27.0 10.6	47 x 52 19 x 20	195.3 6.9	5.7 12.6
V 20 1314011800	19.4 21.4	28.0 11.0	48 x 58 19 x 23	224.1 7.9	6.2 13.7
V 24 1314002600	24.0 26.5	30.6 12.0	52 x 62 20 x 24	296.1 10.4	7.2 15.9
V 24 L 1314002700	24.0 26.5	20.1 7.9	31 x 102 12 x 40	211.5 7.5	6.8 15.0
V 31 1314002800	31.4 34.6	37.0 14.6	65 x 69 26 x 27	517.5 18.0	10.1 22.3
V 35 L 1314018300	35.8 39.5	31.0 12.2	43 x 115 17 x 45	349.4 12.3	10.0 22.1
V 40 1314002900	39.6 43.7	40.2 15.8	78 x 69 31 x 27	675.0 23.6	12.2 26.9
V 54 1314003000	54.4 60.0	47.8 18.8	86 x 86 34 x 34	1,117.8 39.5	17.3 38.1
V 68 1314003100	67.7 74.6	52.0 20.5	95 x 95 37 x 37	1,457.1 51.4	20.7 45.6

Mini lifting bags (8 bar/116 psi):

Working pressure: 8 bar (116 psi)

Test pressure: 14 bar (203 psi)

Burst pressure, at least: 32 bar (464 psi)

L = rectangular shaped lifting bag

Sizes V 1 – V 40 (8 bar / 116 psi) have an insertion height of 2.5 cm (0.98 inch), V 54 – V 68 2.8 cm (1.1 inch).

* Technical changes reserved

** Actual lifting power after subtraction of the edge area



Vetter emergency pneumatic in action

Wedge lifting bags (1 bar / 14.5 psi)

Smooth and precise at bus accidents.

- › Uniform pressure distribution
- › Safe operation
- › For thin-walled coachwork
- › Wedge-shaped for optimum lift angle

At bus accidents, your emergency personnel must cope with many injured persons at once, and seconds make the difference between life and death. The special shape of Vetter's wedge lifting bags provides an optimum lift angle. Free trapped passengers quickly from overturned busses. Thanks to the wedge-shaped bags, the load is distributed uniformly over the entire lifting distance. With their ideal pressure distribution, the bags are perfectly suited to lift thin-walled coachwork such as the side walls of buses. In doing so, they maintain continuous and secure contact with both the coachwork and the underlying surface.



Positioning ropes on the back side.

Wedge lifting bag set up to 12 tons (13.2 US tons)		3110012400	3110012500 (USA)
2 wedge lifting bags 1 bar (14.5 psi), 6 t (6.6 US tons)		2 filling hoses 1 bar, 10 m, yellow and red (14.5 psi, 16.4 ft.)	
Air CU lighting 1 bar (14.5 psi), deadman controller		Pressure regulator 200 / 300 bar (2,900 / 4,350 psi)	
Packing bag 110 x 72 x 30 cm (43 x 28 x 12 inch)		Repair material	

Technical data*

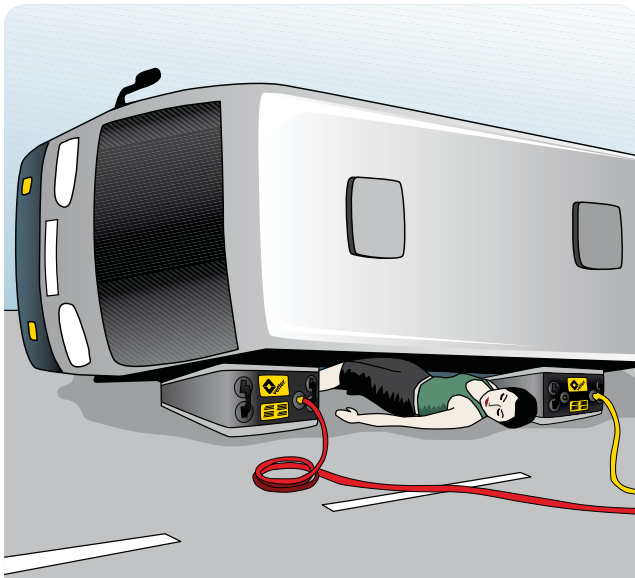
Wedge lifting bags (1 bar / 14.5 psi)	Lifting power to / US tons	Lifting height, max. cm / inch	Size cm / inch	Air requirement litres / cu. ft.	Weight, approx. kg / lbs
3110007702	6.0 6.6	60 23.4	80 x 80 31.2 x 31.2	506 17.9	10.4 22.9

Wedge lifting bags (1 bar / 14.5 psi):

Working pressure: 1 bar (14.5 psi)

Test pressure: 1.5 bar (21.8 psi)

**Insertion height of 3 – 6 cm
(1.2 – 2.3 inch) due to the wedge profile.**



Ideal lift angle due to wedge profile.

Accessories for lifting bags (1 bar / 14.5 psi) can also be used with wedge lifting bags, so you can avoid costly multiple purchases.



In operation ...

- › Rescuing trapped persons
- › For thin-walled coachwork such as vans
- › Lifting overturned buses
- › Preparation for uprighting with lifting bags (1 bar / 14.5 psi)



Good reasons:

- › Ideal lifting height for quick passenger rescue
- › First-class pressure distribution
- › Positioning aids for precise placement
- › Added safety due to wedge profile



Guaranteed quality:

- › Individually tested (with inspection seal)
- › Complies with EN 13731 (independently tested)
- › Safety factor 3:1
- › 2-year guarantee



Lifting bags (1 bar / 14.5 psi)

Versatile classic with great lifting height.

- › High stability
- › Minimal pressure point loading
- › Lifting height up to 127 cm (50 inch)
- › Insertion height only 3 cm (1.2 inch)

Our classic lifting bag has proven itself in 40 years of service. Trust in handwork made in Germany and rely on the pneumatics professionals. Internal stabilising straps keep the lifting bag from bulging and provide a flat contact area over the entire lifting height. Vetter lifting bags are distinguished by an ideal pressure distribution. In effect, they can also lift thin-walled coachwork such as lorries, vans or small airplanes without damaging them. On soft or slippery surfaces, the clever anti-slip dimples on the extremely tough top and bottom sides provide a firm hold.





Efficient lifting of overturned vehicles.



Stabilising straps for a flat contact area.



Gentle lifting of sensitive structures.

All Vetter lifting bags (1 bar / 14.5 psi) have an insertion height of only 3 cm (1.2 inch).



In operation ...

- › Freeing trapped persons
- › Traffic accidents
- › Uprighting vehicles with thin-walled coachwork



Good reasons:

- › Low pressure point loading
- › Constant lifting power over the entire lifting height
- › Working pressure adjustable from 0.1 to 1 bar (1.45 to 14.5 psi)
- › Side walls of high-quality aramid



Guaranteed quality:

- › Individually tested (with inspection seal)
- › Safety factor at least 3:1
- › Complies with EN 13731 (independently tested)
- › 2-year guarantee



Lifting bag sets (1 bar / 14.5 psi)

Vetter lifting bags are available with deadman or fitting control.

The deadman control returns to the zero position automatically, preventing uncontrolled inflation of the lifting bag.
The fitting control is operated with a ball valve. Careful: The air supply does not stop automatically.

All of the sets described here include the following standard components:

- 2 inflation hoses 1 bar, 5 m, yellow and red (14.5 psi, 16.4 ft.)
- Air CU lighting, deadman controller
- Pressure regulator 200 / 300 bar (2,900 / 4,350 psi)
- Packing bag
- Repair material

Set with deadman controller

**Set up to 6 tons
(6.6 US tons)** **3110011500**
 3110011900 (USA)

2 lifting bags, type 1 / 6, 1 bar (14.5 psi)*

**Set up to 9 tons
(9.9 US tons)** **3110011400**
 3110011800 (USA)

2 lifting bags, type 1 / 9, 1 bar (14.5 psi)*

**Set up to 13 tons
(14.3 US tons)** **3110011300**
 3110011700 (USA)

2 lifting bags, type 1 / 13, 1 bar (14.5 psi)*

**Set up to 23 tons
(24.9 US tons)** **3110011200**
 3110011600 (USA)

2 lifting bags, type 1 / 23, 1 bar (14.5 psi)*

Set with fitting control**

**Set up to 6 tons
(6.6 US tons)** **3110002201**
 3110008101 (USA)

2 lifting bags, type 1 / 6, 1 bar (14.5 psi)*

**Set up to 9 tons
(9.9 US tons)** **3110001901**
 3110008001 (USA)

2 lifting bags, type 1 / 9, 1 bar (14.5 psi)*

**Set up to 13 tons
(14.3 US tons)** **3110001501**
 3110007901 (USA)

2 lifting bags, type 1 / 13, 1 bar (14.5 psi)*

**Set up to 23 tons
(24.9 US tons)** **3110000801**
 3110007801 (USA)

2 lifting bags, type 1 / 23, 1 bar (14.5 psi)*



Lifting bag set (1 bar / 14.5 psi) with deadman controller



Lifting bag set (1 bar / 14.5 psi) with fitting control

Technical data***

Set with deadman control

Lifting bags (1 bar / 14.5 psi)		Lifting power to / US tons	Lifting height, max. cm / inch	Air requirement, at 1 bar / 14.5 psi litres / cu. ft.	Folded size (ø x h) cm / inch	Weight, approx. kg / lbs
Set 1 / 6	3110011500	6.0	56	656	65 x 22	25
	3110011900 (USA)	6.6	22	23	25.6 x 8.7	55
Set 1 / 9	3110011400	9.0	76	1,334	80 x 22	32
	3110011800 (USA)	9.9	30	47	31.5 x 8.7	71
Set 1 / 13	3110011300	13.0	81	2,076	95 x 22	40
	3110011700 (USA)	14.3	32	73	37 x 8.7	88
Set 1 / 23	3110011200	22.6	127	6,046	125 x 22	58
	3110011600 (USA)	24.9	50	213	49 x 8.7	128

Set with fitting control**

Lifting bags (1 bar / 14.5 psi)		Lifting power to / US tons	Lifting height, max. cm / inch	Air requirement, at 1 bar / 14.5 psi litres / cu. ft.	Folded size (L x W x H) cm / inch	Weight, approx. kg / lbs
Set 1 / 6	3110002201	6.0	56	656	65 x 22	24.7
	3110008101 (USA)	6.6	22	23	25.6 x 8.7	54
Set 1 / 9	3110001901	9.0	76	1,334	80 x 22	31.7
	3110008001 (USA)	9.9	30	47	31.5 x 8.7	70
Set 1 / 13	3110001501	13.0	81	2,076	95 x 22	39.7
	3110007901 (USA)	14.3	32	73	37 x 8.7	87
Set 1 / 23	3110000801	22.6	127	6,046	125 x 22	57.5
	3110007801 (USA)	24.9	50	213	49 x 8.7	127

Single bags

Lifting bags (1 bar / 14.5 psi)		Lifting power to / US tons	Lifting height, max. cm / inch	Diameter cm / inch	Air requirement, at 1 bar / 14.5 psi litres / cu. ft.	Weight, approx. kg / lbs
1 / 6	3110002301	3.0	56	61	328	7
		3.3	22	24	12	15
1 / 9	3110002001	4.5	76	76	667	9
		5.0	30	30	24	20
1 / 13	3110001601	6.5	81	91	1,038	12
		7.2	32	36	37	26
1 / 23	3110000901	11.3	127	120	3,023	21
		12.5	50	47	107	46

Lifting bags (1 bar / 14.5 psi):
Working pressure: 1 bar (14.5 psi)
Test pressure: 1.5 bar (21.75 psi)




**Standard insertion height
of only 3 cm (1.2 inch).**










** In accordance with EN 13731, these items are not approved for fire brigade use in the EU


*** Technical changes reserved


Accessories – Lifting Bags




12 bar (174 psi)

Controller 12 bar (174 psi)		Dual	Single
Air CU lighting, Deadman controller, plastic housing			
	1200001700	--	
Deadman controller, aluminium, connectable			
	1200005000	--	
Fitting controller*			
	1200001800	1200001900	

Inflation hose 12 bar (174 psi)		5 m (16.4 ft.)	10 m (32 ft.)
		1200002000	1200002500
		1200002100	1200002600
		1200002300	1200002800
Shut-off unit 12 bar (174 psi), 0.3 m (1 ft.)*			
		1200004000	
		1200004100	
		1200006400	
Shut-off unit 12 bar (174 psi)*			
	1200004200		




Connection technology	
Connection plate C.Tec	
	1000012100





Set of accesories 12 bar (174 psi)	
Trolley for accessories (including accessories)	
	1200006300




Transportation	
Transport bag VCB 25 / 30 C.Tec	
	1000012500
Transport bag VCB 62 / 75 C.Tec	
	1000012600
Transport bag VCB 143 / 172 C.Tec	
	1000012700


Protection cap	
Protection cap VCB 25 / 30 C.Tec	
	1000012800
Protection cap VCB 62 / 75 C.Tec	
	1000012900
Protection cap VCB 143 / 172 C.Tec	
	1000013000

10 bar (145 psi)

Controller 10 bar (145 psi)	Dual	Single
Air CU lighting, Deadman controller, plastic housing		
	1000009100	--
Deadman controller, aluminium, connectable		
	1000004800	--
Fitting controller*		
	1000004401	1000004301




Inflation hose 10 bar (145 psi)		5 m (16.4 ft.)	10 m (32 ft.)
		1000001801	1000002301
		1000001901	1000002401
		1000002101	1000002601





Shut-off unit 10 bar (145 psi), 0.3 m (1 ft.)*		
		1000002900
		1000003000

Shut-off unit 10 bar (145 psi)*	
	1000002800




Accessories – Lifting bags

8 bar (116 psi)


Controller 8 bar (116 psi)	Dual	Single
Air CU lighting, Deadman controller, plastic housing		
	0800019900	--
Deadman controller, aluminium, connectable		
	0800015800	--
Fitting controller*		
	0800002401	0800002001

Inflation hose 8 bar (116 psi)		5 m (16.4 ft.)	10 m (32 ft.)
		0800000601	0800007801
		0800000901	0800007401
		0800001301	0800007601



Shut-off unit 8 bar (116 psi), 0.3 m (1 ft.)*




		0800007201
		0800007301


Shut-off unit 8 bar (116 psi)*

	0800005800
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1 bar (14.5 psi)

Controller 1 bar (14.5 psi)	Dual	Single
Air CU lighting, Deadman controller, plastic housing		
	0100005000	--
Fitting controller*		
	0100001803	0100001503

Inflation hose 1 bar (14.5 psi)		5 m (16.4 ft.)	10 m (32 ft.)
		0100004000	0350033500
		0100004100	0350007401

Shut-off unit 1 bar (14.5 psi)*	
	0100000301


Inflation – Lifting bags

Inflation with cylinder

Compressed air cylinder

	1 l / 200 bar, (0.04 cu. ft. / 2,900 psi) steel, 5/8" IT, 200 l (7.1 cu. ft.)
	1600010100
	6 l / 300 bar, (0.21 cu. ft. / 4,350 psi) steel, 5/8" IT, 1,800 l (63.5 cu. ft.)
	1600010800
	9 l / 300 bar, (0.32 cu. ft. / 4,350 psi) composite, 5/8" IT, 2,700 l (95.3 cu. ft.)
	1600019900

Pressure regulator 200 / 300 bar (2,900 / 4,350 psi), with maximum outlet pressure 14 bar (203 psi)

	1600031900 1600032000 (USA)
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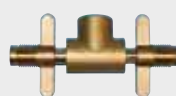
Dual connector, for simultaneous attachment of 2 compressed air cylinders, thread 5/8"

200 bar (2,900 psi)



1600008400


300 bar (4,350 psi)



1600009100

Inflation with alternative air source*

Air-supply hose, green

	10 m (32 ft.), with shut-off valve
	1600013601

Adapter for truck tyre inflation system

	1600007800
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Commercially available hand and foot pump

Truck tyre valve




1600008000


Truck tyre valve connector




1600012900


Truck brake line	
Truck compressed air connector, 2 way	
	1600007500


Sealing-off cap	
	1600012600


Compressor	
Adapter for construction-site compressor	
	1600012000

Adapter for portable compressor	
	1600008200

Stationary compressed air network	
Adapter for stationary compressed air network	
	1600008200

Pre-pressure regulator, maximum inlet pressure 16 bar (232 psi)**	
	1600014500

Inflation with Vetter hand and foot pump	
	Hand pump, 520 cc / stroke
	1600008700
	Foot pump, 420 cc / stroke
	1600009400

Adapter set for all compressed air sources		1600012501
	2 x Air-supply hose, 10 m (32 ft.), green with shut-off valve	1600013601
	Adapter for truck tyre inflation system	1600007800
	Truck tyre valve	1600008000
	Truck tyre valve connector	1600012900
	Truck compressed air connector	1600007500
	Sealing-off cap	1600012600
	Adapter for construction-site compressor	1600012000
	Adapter for stationary compressed air network	1600008200
	Bag 18 x 45 cm (7 x 17.7 inch)	1520002500

** Note: If the outlet pressure of the compressed air network exceeds the allowed inflation pressure of the controller, then the adapter must be replaced with the pre-pressure regulator.

