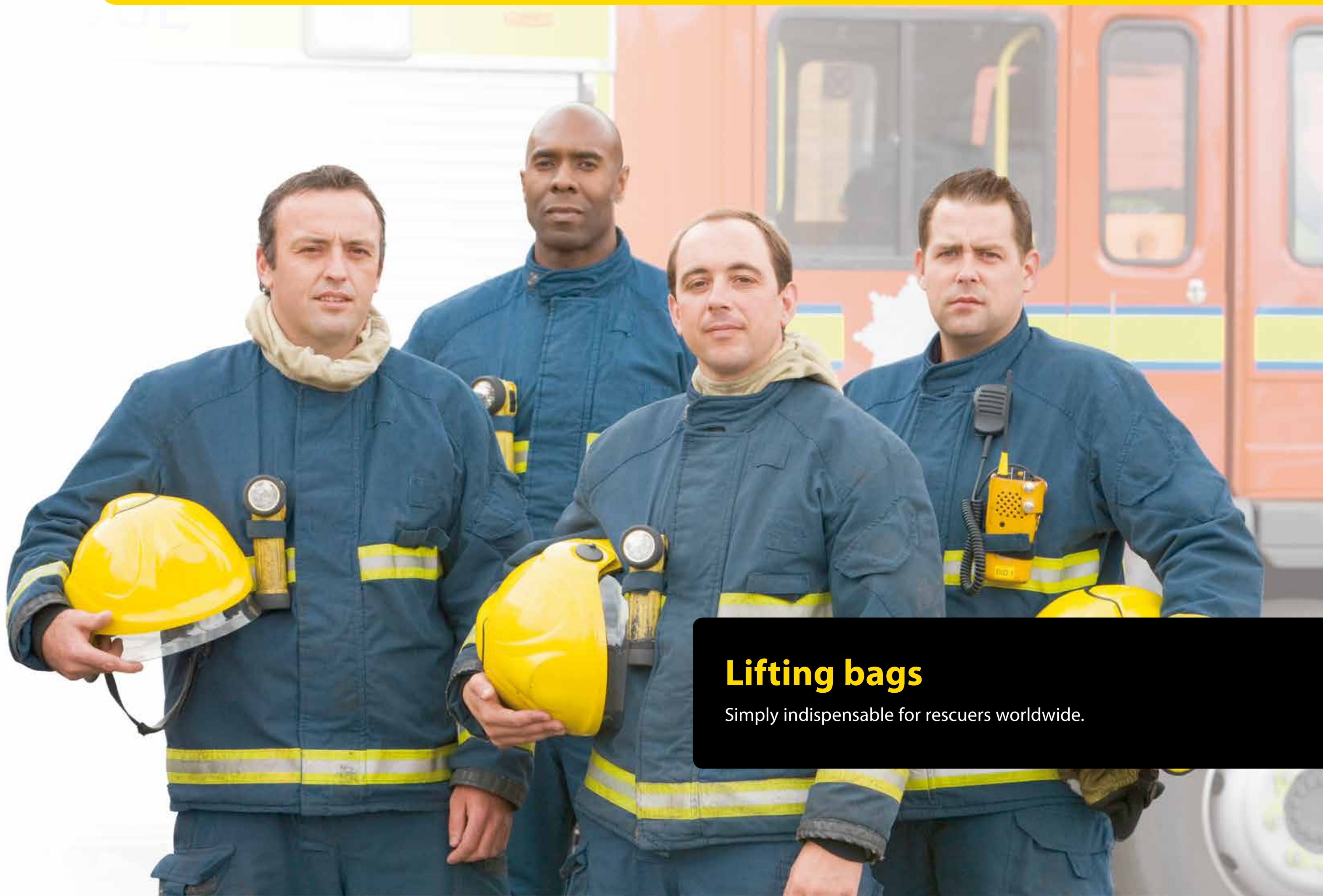




Lifting bags

Simply indispensable for rescuers worldwide.

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

The next generation of high-pressure lifting bags.

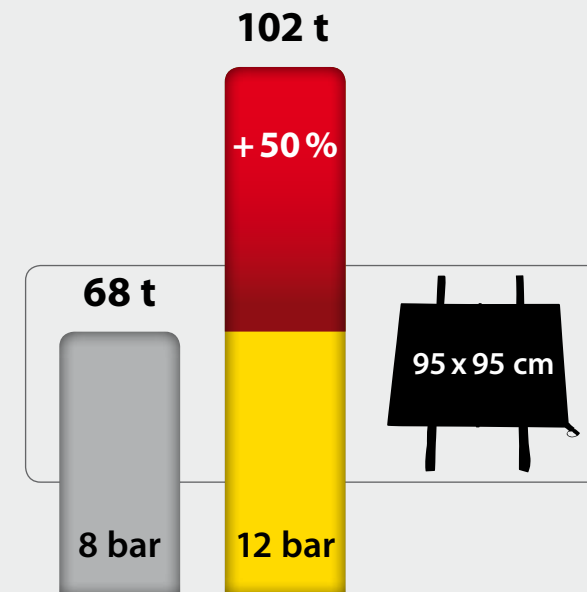
- › 50 % more performance*
- › up to 102 tons (112 US tons) lifting power
- › 2.5 cm (0.98 inch) insertion height
- › max. lifting power and height are readable at the side

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.



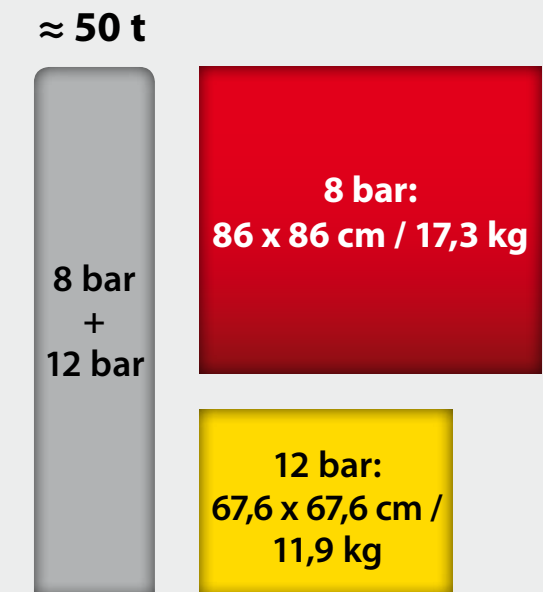
NEW

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 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 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 catastrophes.



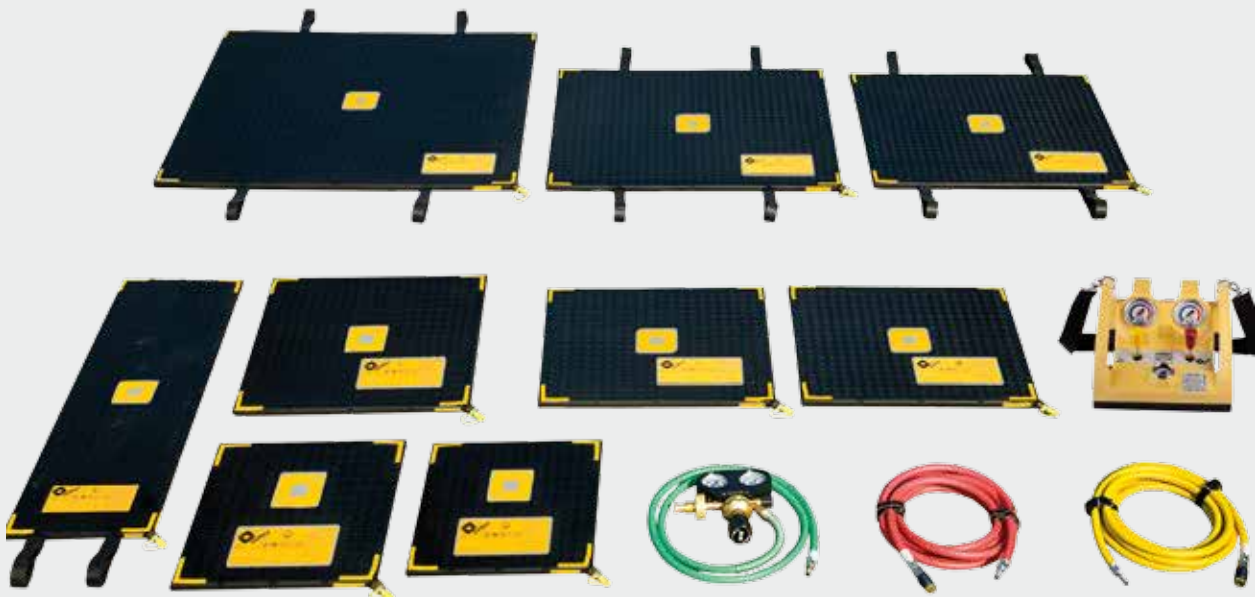
The set includes:

- › 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) – 2,403 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)

10

Lifting bags

11

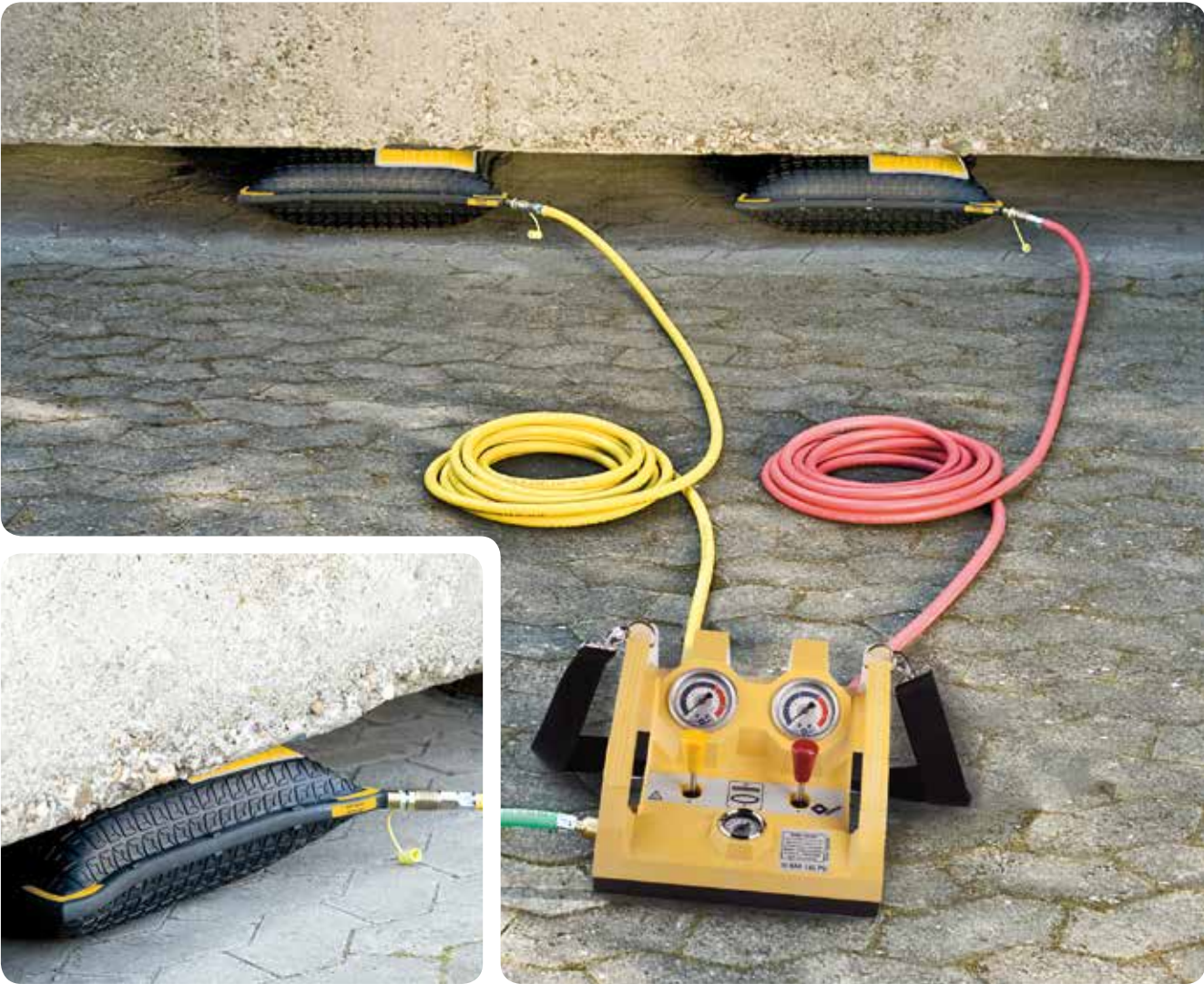
S.Tec Lifting Bags (12 bar / 174 psi)

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

Your choice:

- › 12 different lifting bag sizes (square or rectangular shaped) with lifting power up to 102 tons (112 US tons)
- › 4 controllers (3 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	296.3 10.5	4.8 10.6
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 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)

L = rectangular shaped lifting bag

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

* 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 (10 bar)

Singly or combined - always a powerful team

- › High level of stability with lift heights up to 2.1 m (82 inches)
- › Up to three bags can be used on top of each other
- › Tool-free connection technology
- › Constant final lifting power

Vetter Connectable Bags C.Tec are the perfect solution for enabling critical situations to be dealt with rapidly. They combine the lifting power of the Mini lifting bag and the height of lift of the known Vetter 1 bar lifting bag. As a result, the possibility exists to be able to react at all times to variable heights up to 2.10 meters. Thanks to the tool-free connection technology, the bags are ready for action in a few seconds. The load plate integrated into the bag guarantees a high level of stability and load-bearing capacity during the lifting procedure. The lifting of point loads and objects with sharp or pointed surfaces is possible without additional adapters.



NEW

Technical data*

Connectable Bags VCB C. Tec (10 bar)	Lifting power max. to / US to	End lifting capacity to / US to	Lifting height max. cm / inch	air requirement at 10 bar / 145 psi. litres / cu. ft.	Diameter cm / inch	Weight approx kg / lbs	Insertion height cm / inch
VCB 25 C.Tec 1315007500	25.1 / 27.6	5.9 / 6.5	30.2 / 11.2	301 / 11	56.5 / 22.2	15.6 / 34.4	8 / 3.2
VCB 62 C.Tec 1315007600	62.2 / 68.6	10.8 / 11.8	45.5 / 17.9	1,099 / 39	89 / 35	34.8 / 76.7	8.3 / 3.3
VCB 143 C.Tec 1315007700	143.1 / 157.8	12.6 / 13.8	68.9 / 27.1	3,681 / 130	135 / 53.2	55.7 / 122.8	8.6 / 3.4

Connectable Bags C.Tec (10 bar / 145psi):

Working pressure: 10 bar (145 psi)
Test pressure: 16 bar (232 psi)
Burst pressure, at least : 40 bar (580 psi)

Unrivalled lifting high up to 2,10 m (82 inches). *

*Technical changes reserved.



Integrated load plate



Connection plate



In operations by ...

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



Good reasons:

- › Highest lifting height and lifting capacity in the connectable bag segment in the market
- › Simple handling
- › Tool-free bag connection
- › Bags can be used individually or combined
- › No emptying necessary to dismantle



Guaranteed quality:

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



Connectable Bags C.Tec (10 bar)

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

You have the following selection:

- › 3 different lifting-bag sizes with up to 143 tons lifting power
- › 4 control devices (3 deadman versions, 1 fitting)
- › Many different compressed air sources, e.g. compressed air bottle, compressor, compressed air connection to the vehicle

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



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 25	30.2	11.89	1	2	3							1	1			1	1	1
VCB 62	45.5	17.91				1	2	3				1	2	1	1			1
VCB 143	68.9	27.13							1	2	3			1	2	1	2	1
Connection Plate	1.5	0.59	1	2		1	2			1	2	1	2	1	2	1	2	2
Total height in cm			30.2	61.9	93.6	45.5	92.5	139.5	68.9	139.3	209.7	77.2	124.2	115.9	186.3	100.6	171.0	147.6
Total height in inch			11.9	24.4	36.9	17.9	36.4	54.9	27.1	54.8	82.6	30.4	48.9	45.6	73.3	39.6	67.3	58.1



Trolley for accessories



Valise

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

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

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

The perfect complement to your C.Tec lifting bags. With their super-flat insertion height of only 1.6 cm (0.6 inch), Vetter ultra flat bags are the ideal first-aiders 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.



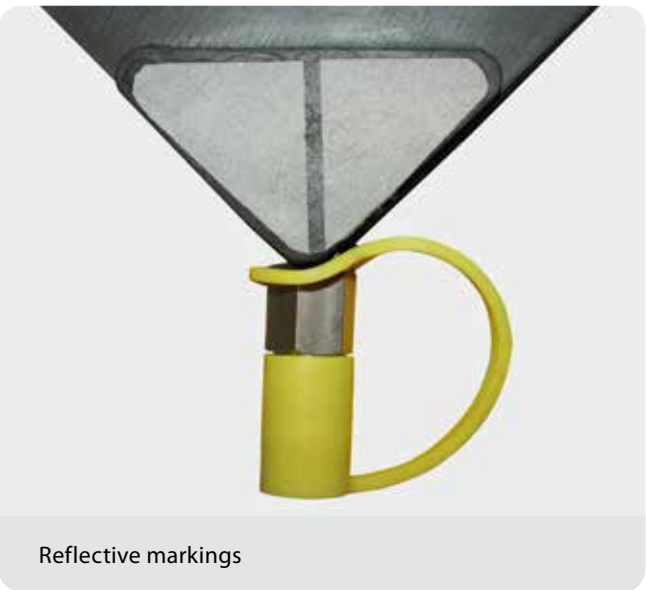
Technical data*

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

These flexible first-aiders are the perfect complement to your C.Tec lifting bags.



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)



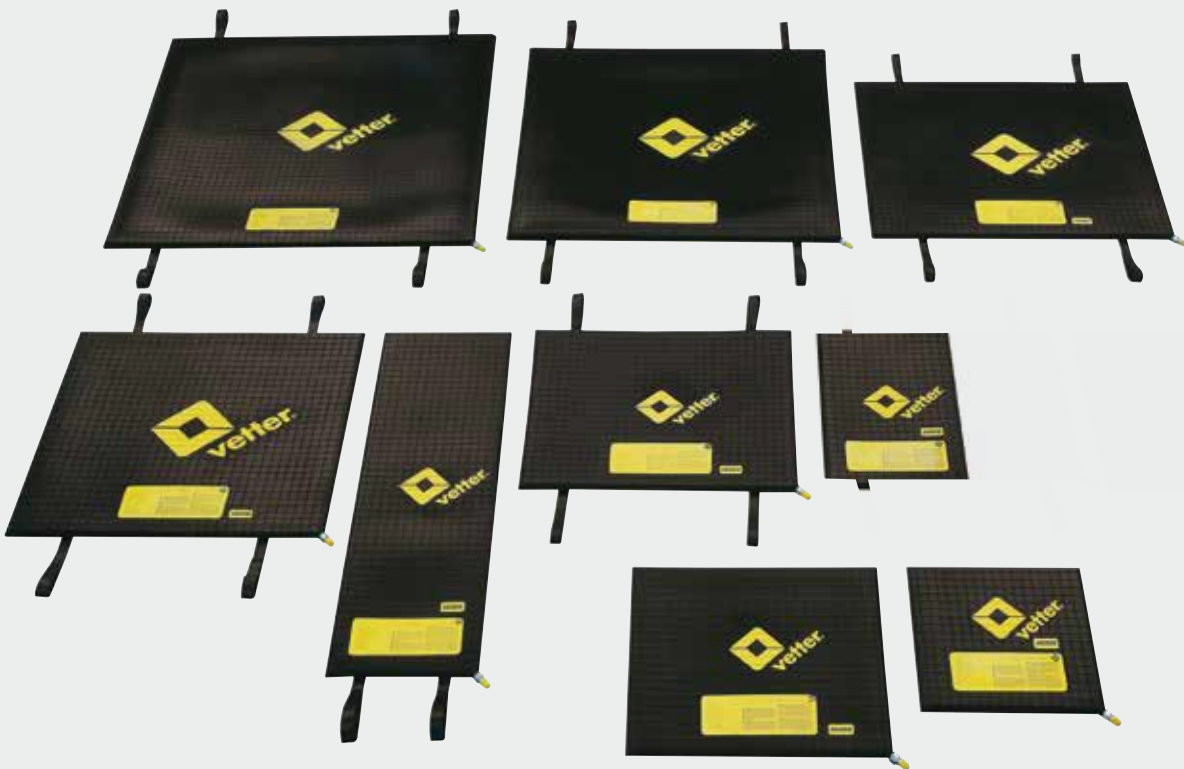
Super-flat insertion height of only 1.6 cm (0.6 inch).

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.



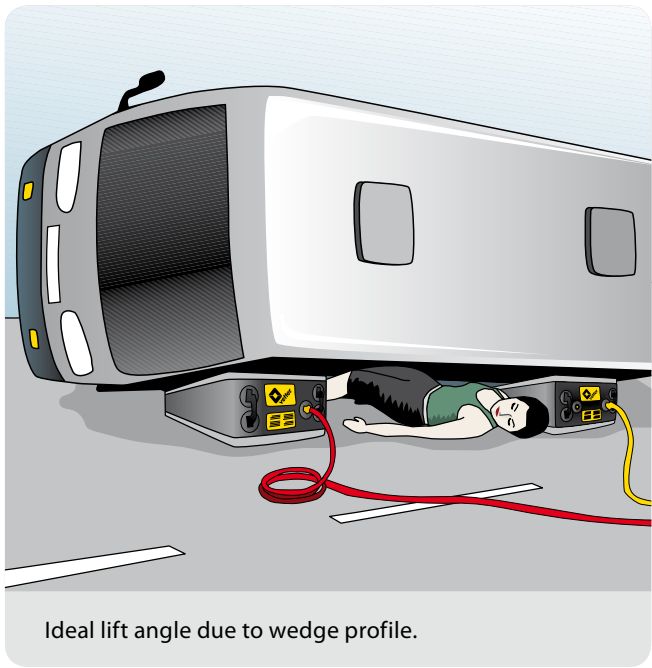
Positioning ropes on the back side.

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	80x80 31.2x31.2	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.



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



*Technical changes reserved.

Lifting bags (1 bar / 14.5 psi)

Versatile classic with great lifting height.

- › High stability
- › Minimal pressure point loading
- › Lifting height up to 1.10 m (43 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
- Packing bag
- Pressure regulator 200/300 bar
(2,900/4,350 psi)
- 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 3.3	56 22	61 24	328 12	7 15
1 / 9 3110002001	4.5 5.0	76 30	76 30	667 24	9 20
1 / 13 3110001601	6.5 7.2	81 32	91 36	1,038 37	12 26
1 / 23 3110000901	11.3 12.5	127 50	120 47	3,023 107	21 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.

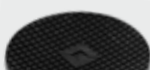
* 1 bag lifts 50% of the specified total tonnage.

Accessories – Lifting Bags

12 bar (174 psi)			
Inflation hose 12 bar (174 psi), S.Tec 12 Lifting Bags*		5 m (16.4 ft.)	10 m (32 ft.)
		1200002000	1200002500
		1200002100	1200002600
		1200002200	1200002700
		1200002300	1200002800
		1200002400	1200002900
Shut-off unit 12 bar (174 psi), S.Tec 12 Lifting Bags*		5 m (16.4 ft.)	10 m (32 ft.)
		1200003000	1200003500
		1200003100	1200003600
		1200003200	1200003700
		1200003300	1200003800
		1200003400	1200003900
Controller 12 bar (174 psi)		Dual	Single
Air CU lighting, Deadman controller, plastic housing			
	without lighting	1200001600	--
	lighting	1200001700	
Fitting controller*			
		1200001800	1200001900
Shut-off unit 12 bar (174 psi), S.Tec 12, 0.3 m (1 ft.)*			
		1200004000	
		1200004100	
Shut-off unit 12 bar (174 psi)*			
		1200004200	

10 bar (145 psi)			
Inflation hose 10 bar (145 psi), C.Tec / UF S.Tec		5 m (16.4 ft.)	10 m (32 ft.)
		1000001801	1000002301
		1000001901	1000002401
		1000002001	1000002501
		1000002101	1000002601
		1000002201	1000002701
Shut-off unit 10 bar (145 psi), C.Tec / UF S.Tec*		5 m (16.4 ft.)	10 m (32 ft.)
		1000003100	1000003600
		1000003400	1000003900
		1000003500	1000004000
		1000003200	1000003700
		1000003300	1000003800

Controller 10 bar (145 psi)		Dual	Single
Air CU lighting, Deadman controller, plastic housing			
	without lighting	1000008600	--
	lighting	1000009100	
Deadman controller, aluminium			
		1000004700	1000004600
Fitting controller*			
		1000004401	1000004301
Connection technology			
Connection plate			
		1000012100	
Transportation			
Valise 25 C.Tec			
		1000012500	
Valise 62 C.Tec			
		1000012600	
Valise 143 C.Tec			
		1000012700	
Trolley for accessories (without accessories)			
		1000013200	

Shut-off unit 10 bar (145 psi), C.Tec / UF S.Tec, 0.3 m (1 ft.)*	
	 1000002900
	 1000003000
Shut-off unit 10 bar (145 psi)*	
	1000002800
Set of accesories	
Trolley for accessories (including accessories)	
	1000013300
Protection cap	
Protection cap VCB 25	
	1000002800
Protection cap VCB 62	
	1000012900
Protection cap VCB 143	
	1000013000

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Accessories – Lifting bags

8 bar (116 psi)				
Inflation hose 8 bar (116 psi)		5 m (16.4 ft.)	10 m (32 ft.)	
		0800000901	0800007401	
		0800000601	0800007801	
		0800000801	0800007501	
		0800001301	0800007601	
		0800000701	0800007901	
Controller 8 bar (116 psi)		Dual	Single	
Air CU Deadman controller, plastic housing				
	without lighting 0800019000		--	
	lighting 0800019900			
Deadman controller, aluminium				
		0800000201	0800000401	
Fitting controller*				
		0800002401	0800002001	

Shut-off unit 8 bar (116 psi)*			
		0800008201	0800008301
		0800008801	0800008901
		0800009001	0800009101
		0800008401	0800008501
		0800008601	0800008701
Shut-off unit 8 bar (116 psi), 0.3 m (1 ft.)*			
		0800007201	
		0800007301	
Shut-off unit 8 bar (116 psi)*			
	0800005800		

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

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

Controller 1 bar (14.5 psi)	Dual	Single
Air CU Deadman controller, plastic housing		
	without lighting 0100004400	--
	lighting 0100005000	

Fitting controller*		
	0100001803	0100001503

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Inflation – Lifting bags

Inflation with cylinder

Compressed air cylinder		Dual connector, for simultaneous attachment of 2 compressed air cylinders, thread 5/8"	
	1 l / 200 bar, (0.04 cu. ft. / 2,900 psi) steel, 5/8" IT, 200 l (7.1 cu. ft.)	200 bar (2,900 psi)	
	1600010100		1600008400
	6 l / 300 bar, (0.21 cu. ft. / 4,350 psi) steel, 5/8" IT, 1,800 l (63.5 cu. ft.)	300 bar (4,350 psi)	
	1600010800		1600009100
	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 12 bar (174 psi)			
	1600026100 1600026200 (USA)		

Inflation with alternative air source*

Air-supply hose, green		Commercially available hand and foot pump	
	10 m (32 ft.)	Truck tyre valve	
	1600013401		1600008000
	10 m (32 ft.), with shut-off valve		
	1600013601		
Adapter for truck tyre inflation system		Truck tyre valve connector	
	1600007800		1600012900

Truck brake line		Stationary compressed air network	
Truck compressed air connector, 2 way		Adapter for stationary compressed air network	
	1600007500		1600008200
Sealing-off cap		Pre-pressure regulator, maximum inlet pressure 16 bar (232 psi)**	
	1600012600		1600014500
Compressor		Inflation with Vetter hand and foot pump, no further adapters or hoses needed.	
Adapter for construction-site compressor			Hand pump, 520 cc / stroke
	1600012000		1600008700
Adapter for portable compressor			Foot pump, 420 cc / stroke
	1600008200		1600009400
Adapter set for all compressed air sources		1600012501	
	Air-supply hose, 10 m (32 ft.), green	1600013401	
	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	

* For every air source other than the compressed air cylinder, you need one of the two green air-supply hoses.

** 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.