

# S.Tec lifting bags 174 psi



- 50% more performance\*
- 2.5 cm (0.98 inch) insertion height
- up to 102 tons (112 US tons) lifting power
- maximum lifting power & high laterally readable



[www.vetter.de/vetter\\_emergency/en/Rescue+Products/Lifting+bags/S\\_Tec+lifting+bags+174+psi-p-4776.html](http://www.vetter.de/vetter_emergency/en/Rescue+Products/Lifting+bags/S_Tec+lifting+bags+174+psi-p-4776.html)

## The next generation of high- pressure lifting bags.

Vetter has further optimised the popular mini lifting bags to create a new generation of lifting bags: Vetter S.Tec 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 lifting bag fits in even the narrowest gaps and openings.

Thanks to its intelligent surface profile, you can safely stack two bags and laterally read the maximum lifting power and lifting height.

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

\* when compared with conventional 8 bar (116 psi) lifting bags of the same size

### Your choice:

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

### Emergency Rescue set - 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)

## Emergency Pneumatics

### Technical data

#### Hinweise

Your choice of S.Tec 12 lifting bag depends on the weight to be lifted as well as the necessary lifting height. [We'll be pleased to advise you!!](#)

All S.Tec 12 lifting bags have a standard insertion height of only 2.5 cm (0.98 inch).

- 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

Product	Art. no.	Lifting power, max. t / US tons	Lifting height, max. cm / inch	Size cm / inch	Air requirement, at working pressure 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 33 L	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	33,6 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

### Accessories

- Inflation hoses 12 bar (174 psi)
- Shutt-off units 12 bar (174 psi)
- Controllers 12 bar (174 psi)
- Inflation with cylinder
- Inflation with alternative air source



#### In operation...

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



#### Good reasons...

- 50 % performance increase\*
- Stackable due to non-slip surface profile
- Aramid-reinforced
- Compatible with 8 + 10 bar inflation accessories
- Ideal for use with Vetter Connectable Bags C.Tec 12 (12 bar / 174 psi)



#### Guaranteed quality:

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

---

**Please contact us directly should you have any further questions concerning this product.**

Sales

Phone.: +49 (0) 22 52 / 30 08-0

Fax: +49 (0) 22 52 / 30 08-590

E-Mail: [vetter.info@idexcorp.com](mailto:vetter.info@idexcorp.com)

**Or find the nearest dealer under:**

[www.vetter.de/support/haendler](http://www.vetter.de/support/haendler)

---