Special strut systems

- Up to 13.6 tons load capacity per strut
- Extensive and versatile
- Integrated overload early warning system
- No negative effects from sand and soil

www.vetter.de/ vetter_emergency/ en/ Rescue +Products/ Airshore/ Special +strut +systems.html

Special applications for special requirements.

As the developer of the world's first aluminium strut system, Airshore sets the standards in this field. Airshore strut systems are extremely robust and highly practical and will protect your team as they carry out rescues in even the most difficult situations with unstable structures or complex trench support. That's why Airshore has been the number one choice in strut systems for over 20 years, endorsed by experienced rescue professionals and recovery teams.

Heavy- duty column

For supporting heavy or large loads, the heavy- duty column uses a combination of tripod with base and head elements to achieve extremely high stability. It can be used to achieve a load capacity of up to 38.5 tons. This column combination was used in US & R operations in the Pentagon in 2001.

The set includes:

3 ART- F7-11 struts, 2,130 - 3,350 mm (83 - 131 inch)
2 ART- TH tripod heads
6 ART- SC static clevises

Total set weight, approx.: 98 kg (216 lbs)

Load capacity of heavy- duty column (safety factor 2:1)

Airshore
Struts **A**
7200001302
Height
cm
53-71
Height inch

21-28
with 6 pins (2 per strut) 38,5
with 6 pins (2 per strut) US tons 42,2
minimum ground enforcement m² 4,0
minimum ground enforcement sq. ft. 43

Airshore
Struts **B**
7200001502
Height
cm
66-94
Height
inch
26-37
with 6 pins (2 per strut) 35,8

with 6 pins (2 per strut) US tons 39,5
minimum ground enforcement m² 3,7
minimum ground enforcement sq. ft 39,8

Airshore
Struts **C**
7200001802
Height
cm
84-124
Height
inch
33-48
with 6 pins (2 per strut) 32,2
with 6 pins (2 per strut) US tons 31,1
minimum ground enforcement m² 3,3
minimum ground enforcement sq. ft 35,5

Airshore
Struts
D 7200009501
Height
cm
114-170
Height
inch
44-66
with 6 pins (2 per strut) 29,0
with 6 pins (2 per strut) US tons 32
minimum ground enforcement m² 3,0
minimum ground enforcement sq. ft 32,3

Airshore Struts
E4.5-7 7200002402
Height
cm
137-213
Height
inch
53-83
with 6 pins (2 per strut)
24,0
with 6 pins (2 per strut) US tons 26,5
minimum ground enforcement m2 2,4
minimum ground enforcement sq. ft 2,4

Airshore Struts
E 7200009701
Height
cm
160-246
Height
inch
62 - 96

with 6 pins (2 per strut)
20,0
with 6 pins (2 per strut) US tons 22
minimum ground enforcement m² 2.0
minimum ground enforcement sq. ft 21.5

Airshore Struts
F7-11 7200000402
Height
cm
213-335
Height
inch
83 - 131
with 6 pins (2 per strut) 12,6
with 6 pins (2 per strut) US tons 13.9
minimum ground enforcement m² 1,3
minimum ground enforcement sq. f 14

Airshore Struts
F 7200009902
Height
cm
236-366
Height
inch
92 - 143
with 6 pins (2 per strut)
10,2
with 6 pins (2 per strut) US tons 11.2
minimum ground enforcement m² 1,0
minimum ground enforcement sq. f 10,8

Technical data

Load capacity of heavy- duty column and the tripod (safety factor 2:1)

Product	Art. no.	Height cm / *inch*	Load capacity with 4 pins (2 per strut) t / *US tons*	Load capacity with 6 pins (2 per strut) t / *US tons*	minimum ground enforcement m² / *sq. Ft.*
Heavy- duty column with ART- A	7200001302	53-71 *21-29*		38,5 *42,4*	4,0 *43*
Heavy- duty column with ART- B	7200001502	66-94 *26-37*		35,8 *39,5*	3,7 *39,8*
Heavy- duty column with ART- C	7200001802	84-124 *33-48*		32,2 *31,1*	3,3 *35,5*
Heavy- duty column with ART- D	7200009501	114-170 *44-66*		29,0 *32*	3,0 *32,3*
Heavy- duty column with ART- E 4.5-7	7200002402	137-213 *53-83*		24,0 *26,5*	2,4 *25,8*
Heavy- duty column with ART- E	7200009701	160-246 *62-96*		20,0 *22*	2,0 *21,5*
Heavy- duty column with ART- F 7-11	7200000402	213-335 *83-131*		12,6 *13,9*	1,3 *14*
Heavy- duty column with ART- F	7200009902	236-366 *92-143*		10,2 *11,2*	1,0 *10,8*
Tripod with ART- A	7200001302	53-71 *21-29*	36,3 *40*		0,84 *9*
Tripod with ART- B	7200001502	66-94 *26-37*	34,0 *37,5*		0,75 *8*
Tripod with ART- C	7200001802	84-124 *33-48*	29,4 *32,4*		0,65 *7*
Tripod with ART- D	7200009501	114-170 *44-66*	22,6 *24,9*		0,56 *6*
Tripod with ART- E 4.5-7	7200002402	137-213 *53-83*	18,1 *20*		0,37 *4*
Tripod with ART- E	7200009701	160-246 *62-96*	17,0 *18,7*		0,37 *4*
Tripod with ART- F 7-11	7200000402	213-335 *83-131*	12,0 *13,2*		0,28 *3*
Tripod with ART- F	7200009902	236-366 *92-143*	11,3 *12,5*		0,28 *3*

Accessories

- Struts
- Extensions
- Attachments
- Clevis attachments
- Base plates
- Rail systems
- Mounting brackets
- Accessories for pneumatic operation of the struts
- Other system accessories
- Accessories lite Pod

In operation...

- Urban search and rescue (US & R)
- Gas explosions, fires and terrorist attacks
- Earthquakes and other natural disasters
- Construction site and mining accidents
- Vehicle stabilisation

Good reasons...

- Extensive accessories for an infinite variety of uses
- Easy to use without special tools
- Struts can be extended manually or pneumatically
- Locking mechanism cannot be affected by dirt and soil

Guaranteed quality:

- High- quality aluminium and stainless steel
- Load capacity tested by an independent institute
- Maintenance- free system with long service life
- 2- year guarantee

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

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