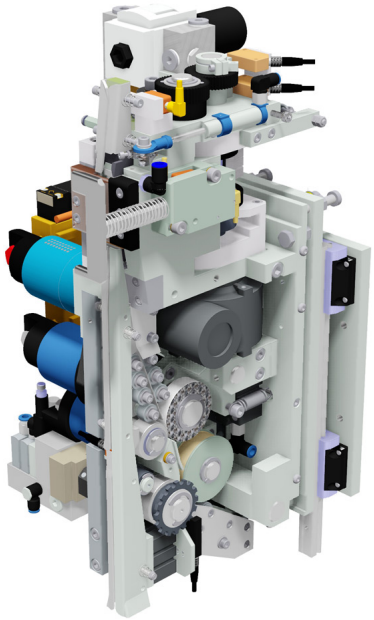
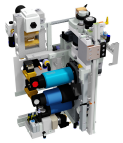
VS12-L-LD

Contact

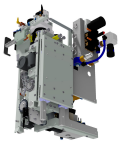
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The power of elements
The strapping head VS12-L-LD proves its elemental strength and competence in two respects: On the one hand, it is pneumatically driven and generates an impressive tensioning force of up to 10,000 N thanks to air pressure.
On the other hand, joining takes place by the patented TITANARG® TIG non-contact welding. This method provides a high joint breaking load at minimal wear and tear. However, the powerful welding process and the high force exerted by air pressure are not all that distinguishes this head.
It works also extremely fast and impresses with a high cycle sequence. Add to that the unbeatable advantages of pneumatics: The VS12-L-LD is outright stable and works reliably even under tough industrial conditions.
The VS12-L-LD processes steel strapping in widths of 13,16 and 19 mm. Therefore, this head is the robust workhorse for light duty strapping applications.

Technical Data

Kind of drive	Electro pneumatic
Tension force	1,500 - 10,000 N (adjustable)
Mains voltage	400 V - 50 Hz
Control voltage	24 V
Welding voltage (TITANARG®)	400 V ; 460 V
Strap conveying speed	approx. 2,0 m/s with 0,63 mm strap thickness approx. 2,2 m/s with 0,50 mm strap thickness approx. 6.6 ft/s with 0.025" strap thickness

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	approx. 7.2 ft/s with 0.02" strap thickness
Dimensions	700 x 400 x 600 mm (L x W x H) 27.6 x 15.7 x 23.6" (L x W x H)
Weight	120 kg 264.5 lb
Air pressure	max. 6 bar flow pressure
Air consumption (depending on channel size)	approx. 0.1 - 0.2 m³ per strapping approx. 3.5 - 7.1 ft³ per strapping
Cross-section	G 3/4"

Strap/Joint

Type of strap	Steel strap
Strap	Automatenband MEGABAND® Megaflex
Strap width	13, 16, 19 mm 1/2" ; 5/8" ; 3/4"
Strap thickness	0.50 - 0.63 mm 0.02 - 0.025"
Kind of seal	TIG welding joint
Sealing strength (depending on strap quality, strap dimensions)	up to 80 - 90% of the strap breaking load

Minimum bearing area

Expansive package	70 mm 2.8"
Slit coil ring	80 mm 3.2"
Hexagon pipe bundle	85 mm 3.3"
Round package	Ø 400 mm Ø 15.7"

Application

for strapping of slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.

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