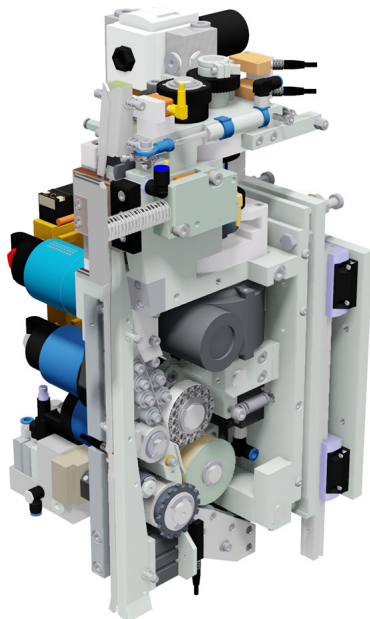
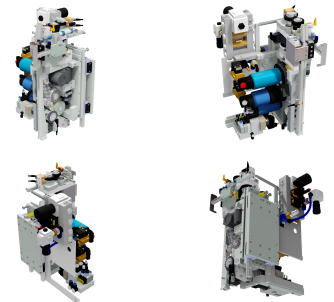


VS12-L-HD



Contact

Jutta Geurtz
 +49 2336 808 364
 jgeurtz@titan-schwelm.de



Heavy gun for light strapping applications

At TITAN, HD does not stand for High Definition, but for Heavy Duty. And the meaning behind this abbreviation is a planned procedure: Everything is designed for heavy duty use in the field of lightweight strapping applications.

The VS12-L-HD has been specially developed for strap thickness varieties in the 19 mm steel strap segment. With the TITANARG® technology, two welding spots are produced using the TIG welding process ensuring the greatest possible joint reliability.

The tension force of the VS12-L-HD reaches up to 10,000 N. This makes the head just the right choice for use on slit coils, in steel service centres as well as for pipes and profiles. These applications prove that not only high demands are placed on the head's performance, but also on its resilience.

The VS12-L-HD gladly accepts the challenge at any time.

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. 1.6 m/s with 1.00 mm strap thickness approx. 1.8 m/s with 0.80 mm strap thickness approx. 2.0 m/s with 0.63 mm strap thickness approx. 5.2 ft/s with 0.039 strap thickness

	approx. 5.9 ft/s with 0.031 strap thickness approx. 6.6 ft/s with 0.025 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 m ³ per strapping approx. 3.5 - 7.1 ft ³ per strapping
Cross-section	G 3/4"

Strap/Joint

Type of strap	Steel strap
Strap	Automatenband MEGABAND® Megaflex
Strap width	19 mm 3/4"
Strap thickness	0.63 mm 0.80 mm 1.00 mm 0.025" 0.031" 0.039"
Kind of seal	TIG welding joint
Sealing strength (depending on strap quality, strap dimensions)	up to 85 - 90% of the strap breaking load

Minimum bearing area

Expansive package	100 mm 3.9"
Slit coil ring	120 mm 4.7"
Hexagon pipe bundle	140 mm 5.5"
Round package	Ø 400 mm Ø 15.7"

Application

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