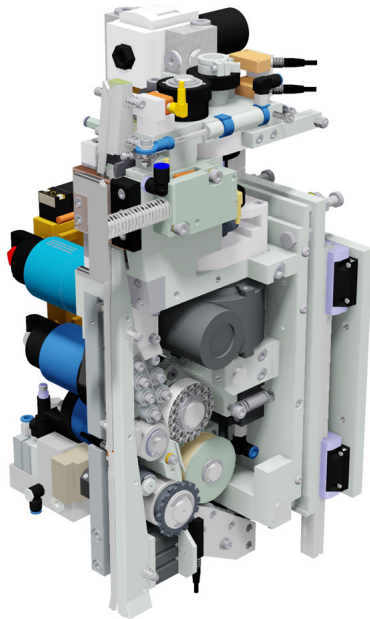
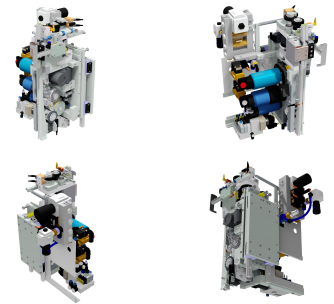


VS12-L-LD



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 |

| | |
|---|---|
| | 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 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 | 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.