



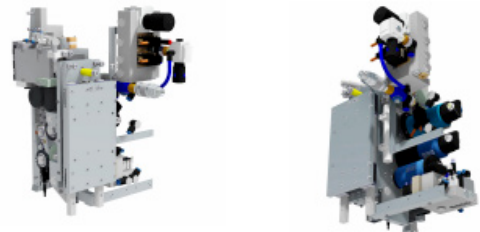
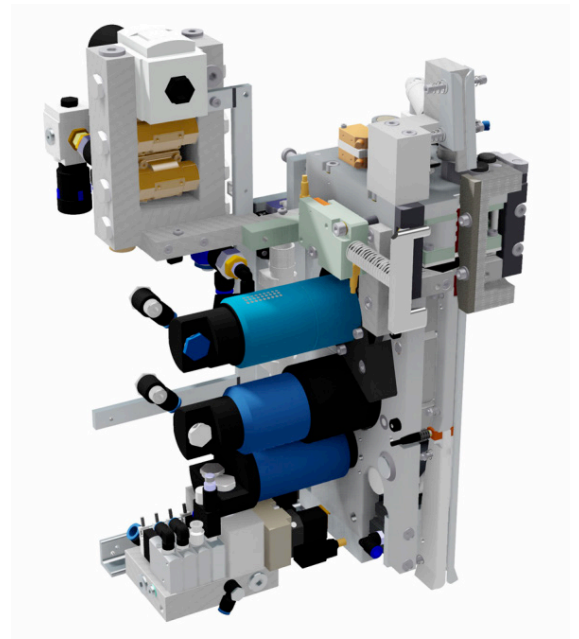
## Lots of force, no seal

The use of seals for joining is an established method and simply indispensable in many industries.

Nevertheless, the seal joint could also be an avoidable cost factor; therefore, TITAN offers its patented sealless joint as an alternative.

The VS11-L works with this type of joining for optimum processing of packaging steel straps up to 19 mm width on flat packages.

The pneumatic VS11-L is a robust, reliable and easy-to-maintain head for a wide range of applications, with a tensioning force of up to 10,000 N and high joint strength.



## Contact Details

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Technical Data	
Kind of drive	Electro pneumatic
Tension force	1,500 - 10,000 N (adjustable)
Mains voltage	400 V AC / 50 Hz
Control voltage	24 V
Strap conveying speed	ca. 2,2 m/s with 0,50 mm in strap thickness ca. 2,0 m/s with 0,63 mm in strap thickness approx. 7.2 ft/s with 0.02" in 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	min. 5 bar flow pressure max. 6 bar
Air consumption (depending on channel size)	ca. 0,1 - 0,3 m <sup>3</sup> per strapping approx. 3.5 - 10.6 ft <sup>3</sup> per strapping
Cross-section	1/2"

Strap/Joint	
Type of strap	Steel strap
Strap	Automatenband MEGABAND®
Strap width	13, 16, 19 mm 1/2" ; 5/8" ; 3/4"
Strap thickness	0,50 - 0,60 mm 0.02 - 0.024"
Kind of seal	Sealless-joint
Sealing strength (depending on strap quality, strap dimensions)	up to 75 - 85% of the strap breaking load

Minimum bearing area	
Expansive package	120 mm 4.7"
Slit coil ring	120 mm 4.7"

Hexagon pipe bundle	140 mm 5.5"
Round package	Ø 500 mm Ø 19.7"

## Application

Strapping of flat packages (e.g. palletized goods) for mobile use