



High demands, low cost per joint

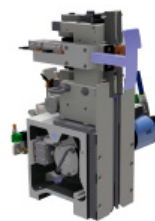
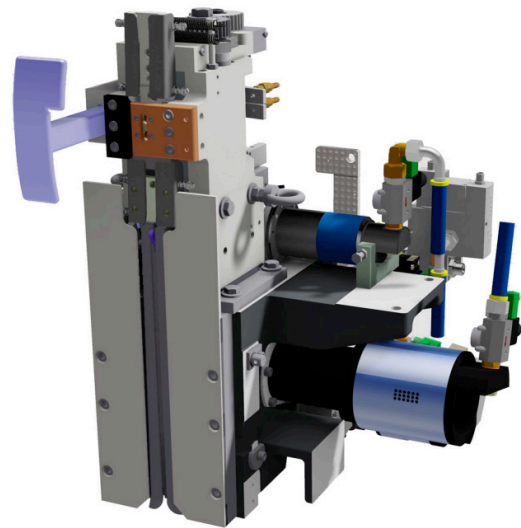
When it comes to heavy-duty strapping applications and meeting the highest demands in every respect, the VS32-L heads from TITAN are the right choice. They feel at home in heavy industry when strapping coils, tubes and profiles.

Thanks to their robust construction and technology, they work extremely reliably in these areas. And fast: A transport speed of 1.7 m per second allows strapping of even very large objects in a flash.

Speaking of "in no time": The proven pneumatics of the VS32-L heads generate a tensioning force of up to 20,000 N using air pressure. This enormous clamping force requires high joining strength with the help of two welding spots produced without contact using the patented TITANARG® TIG welding process.

With the VS32-L-R product variant, strapping planar packages with a contact surface of 150 mm and circular packages from 700 mm is possible thanks to a smaller base plate. For the VS32-L heads, TITAN can guarantee excellent availability to meet the high demand.

Because heavy industry is often about being there fast.



Contact Details

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Technical Data

Kind of drive	Electro pneumatic
Tension force	4,000 – 20,000 N (adjustable)
Control voltage	24 V
Welding voltage (TITANARG®)	400 V ; 460 V
Strap conveying speed	ca. 1.7 m/s approx. 5.6 ft/s
Dimensions	680 x 580 x 750 mm (L x W x H) 26.8 x 22.8 x 29.5" (L x W x H)
Weight	200 kg 440.9 lb
Air pressure	min. 5 bar flow pressure max. 6 bar
Air consumption (depending on channel size)	approx. 0.2 – 0.3 m ³ per strapping approx. 7.1 – 10.6 ft ³ per strapping
Cross-section	1/2"

Strap/Joint

Type of strap	Steel strap
Strap	Automatenband MEGABAND®
Strap width	19, 25, 32 mm 3/4" ; 1" ; 1 1/4"
Strap thickness	0.80 – 1.00 mm 0.031 – 0.039" 0.80 mm 0.031"
Kind of seal	TIG welding joint
Sealing strength (depending on strap quality, strap dimensions)	up to 85% of the strap breaking load

Minimum bearing area

Expansive package	180 mm 7.1"
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Slit coil ring	180 mm 7.1"
Round package	Ø 800 mm Ø 31.5"

Application

Light-duty strapping applications; for strapping of slit coils, sheet packages, bricks, structural timber, bundles of profiles, etc.