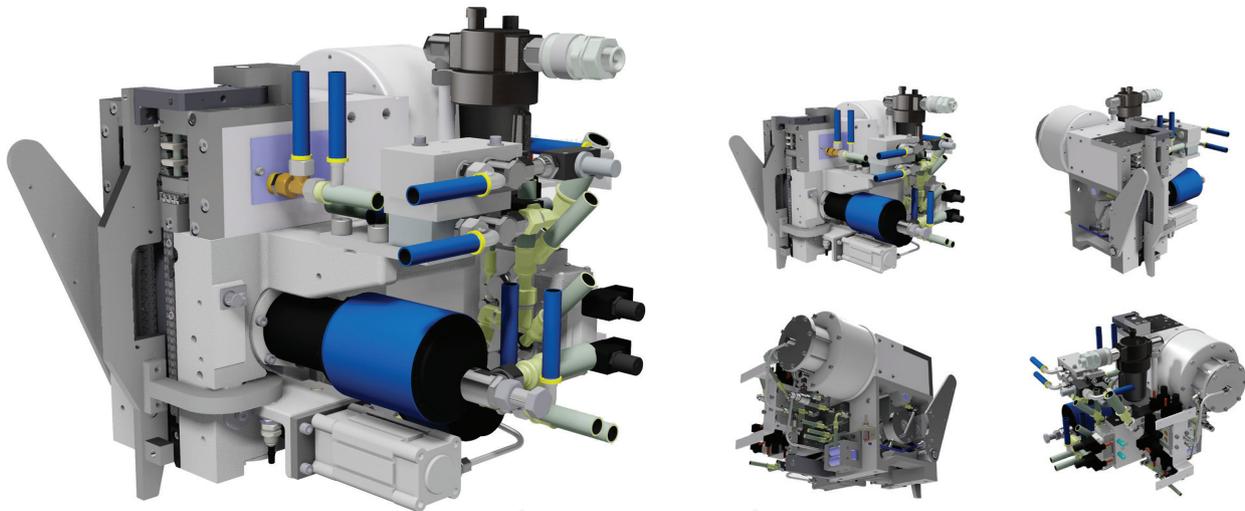


# VS31-L



## The world-renowned classic

The VS31-L stands for highest force development in heavy industrial applications. In this segment, it feels at home all over the world and has built up an excellent reputation on the market over the years. There are many reasons for that: Although it is certainly possible to describe the VS31-L as a classic, TITAN adapted this head to current requirements of heavy industry through continuous further development.

It is designed for strapping with high performance and automatic straps of 19, 25 or 32 mm width on flat or large circular packages. Simple operation, maintenance-friendly technology and finally a tensioning force of up to 20,000 N are further advantages of this head.

In addition, the patented TITAN sealless joint that prevents the strapping from being pushed back and thus ensures maximum reliability at the high tensioning forces that this head generates pneumatically. The VS31-L is an old hand that gets the heavy industry going.

## Technical Data

Kind of drive	Electro pneumatic
Tension force	2,000 - 20,000 N (adjustable)
Mains voltage	400 V - 50/60 Hz
Control voltage	24 V ; 110 V
Strap conveying speed	1.7 m/s 5.6 ft/s
Dimensions	600 x 610 x 616 mm (L x W x H) 23.6 x 24.0 x 24.3" (L x W x H)
Weight	240 kg 529.1 lb
Air pressure	min. 5 bar flow pressure max. 6 bar
Air consumption (depending on channel size)	ca. 0,3 - 0,4 m <sup>3</sup> per strapping approx. 10.6 - 14.1 ft <sup>3</sup> per strapping
Cross-section	3/4"
Temperature range (Hot / Cold)	Cold

## 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	Sealless-joint
Sealing strength (depending on strap quality, strap dimensions)	up to 75% of the strap breaking load

## Minimum bearing area

Round package	Ø 900 mm Ø 35.4"
Flat package	240 mm 9.4"

## Application

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

