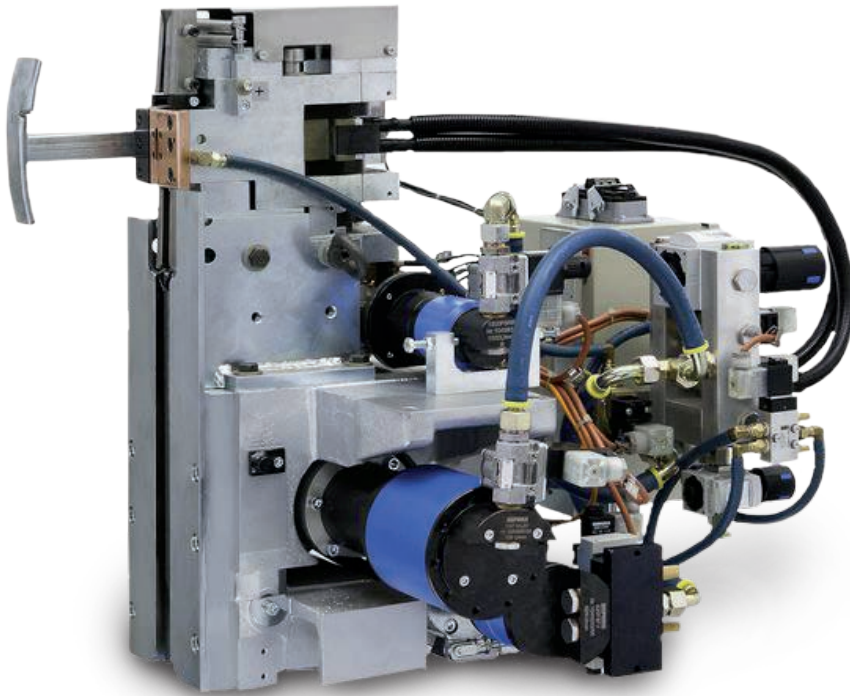


MODEL VS32

HIGH PERFORMANCE PNEUMATIC STEEL STRAPPING HEAD

The VS 32 is the ideal head for applications requiring extremely high strap tensions and joint efficiencies. Capable of handling special applications (coil strapping through the eye, slit coils, etc), the fully automatic pneumatic VS32 strapping head combines the most advanced drive and control mechanisms with the latest standards of the patented Titanarg spot-weld joint technology.



The VS32 heads are equipped with robust pneumatic motors and offer the following:

Features

- Achieve up to 90% joint efficiency
- Fully automated strapping heads
- Tig weld joint
- Advanced Proprietary Welding Unit
- Patented, proven technology
- Functional Modular Design – Fewest moving/wearing parts and lowest cost of ownership in the industry!
- Especially suitable for applications in the metals industry
- Eliminates the need for metal seals.

MODEL VS32

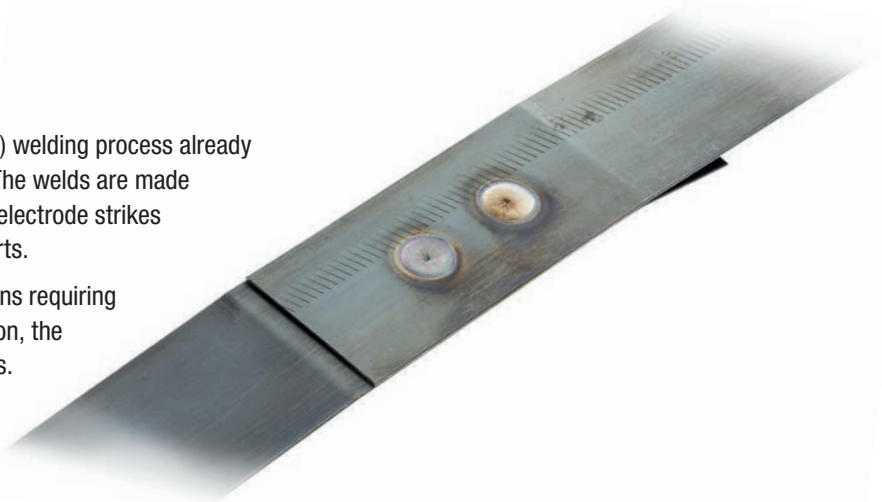
HIGH PERFORMANCE PNEUMATIC STEEL STRAPPING HEAD

Titan VS32 TIG Weld joint

The Welding Process

The VS32 strapping head uses the Tungsten inert gas (TIG) welding process already widely used in the automotive industry around the world. The welds are made contactless by an electric arc under inert gas. A Tungsten electrode strikes the arc which melts and joins the two overlapped strap parts.

The VS32 strapping head is ideal for heavy-duty applications requiring extremely high strap tensions and joint efficiencies. In addition, the small base plate allows for the strapping of small packages.



The Titan VS32 strapping head is particularly suitable for:

- Strapping of steel coils around the circumference
- Strapping of steel coils through the eye
- Slit coils with low winding height (i.e. very small surfaces)
- Slit steel coils that are stacked without wooden spacers
- Tube bundles with small surfaces
- Bundles of tube sections
- Wire bundles and coils
- A variety of heavy packages

Advantages of the spot weld joint:

- Maximum safety through double welds delivering sealing performances of up to 90% of the breaking load of the strap
- Safe, electronically controlled operation of the electrode
- Full penetration welding
- Cold at joint, limiting possible damage to the package
- No transfer of heat onto the package during the welding process
- Suitable for use with stainless steel strap

Specifications

Mode of Drive	Pneumatic – 3 motors – 2 cylinders
Strap Feed Speed	5.6 ft (1.7 m)/sec
Tensioning Capacities	900 – 3,825 lbs. (4,000 – 17,000 N), adjustable
Air Pressure	5 bar (max. 6.5 bar), 70 P.S.I. (90 P.S.I. max)
Connecting Load Welding Aggregate	6.9kVA
Steel Strapping -Widths/Thicknesses	3/4" (19 mm), 1" (25 mm) and 1 1/4" inch (32mm) /.029" (0.8 mm) to .039" (1 mm) high tensile strapping
Joints	Tig weld joint, 2 weld points, joint efficiency up to 90% of strap breaking load
Required Minimum Package Surfaces	Straight package: 6 inches (150 mm) Round package: 28 inches (700 mm) diameter
Weight	441 lbs. (200 kg)
Measurements	L 27.6 inches (700 mm) x W 23.6 inches (600 mm) x H 23.6 inches (600mm)

VS32-11/15-115382