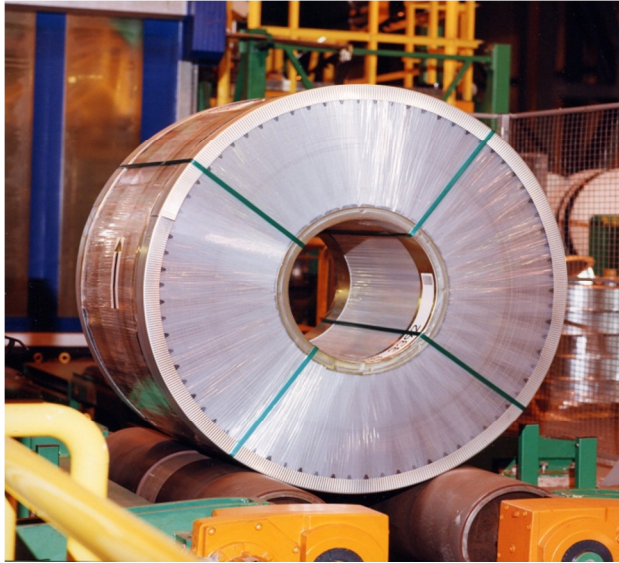


# Z-32 Strapping Head for HD Polyester Strapping



The Z-32 strapping head is completely electrically powered and has been designed for high speed and high tension strapping applications using Tenax<sup>®</sup> PET polyester strapping. It is ideally suited for aluminium ingot and billet, steel coil radial and circumferential strapping as well as to secure tube, profile and pipe bundles. Typical applications as shown here are for radial coil strapping with 19mm PET strap and 25mm PET strap on long aluminium billets.



The Modular Z-32 System is composed of three separate electrically powered modules; a high speed strap feeder module, which feeds the strap from the strap dispenser automatically into the strap sealer module. The Sealer module uses Signode's patented Z-weld<sup>®</sup> technology. The third unit is the high tension module. The modules are designed to be easily removed for service and maintenance. The heavy-duty strap sealer module weighs only 16 kg. The Z-32 Model can be equipped to apply 16mm, 19mm, 25mm and 32mm high-performance Tenax<sup>®</sup> PET High-strength polyester strapping and is suitable for many heavy duty industrial packaging applications.

# Z-32 Strapping Head for HD Polyester Strapping

The Signode Z-32 range of heads has been designed as modular units to suit a wide range of machine options and can satisfy most customer needs. The Z-weld safe-seal device ensures that the straps are sealed with a high joint-strength weld for every cycle for maximum safety and reliability. The Z-32 is designed for the metal and non-ferrous industry's current and future requirement for:

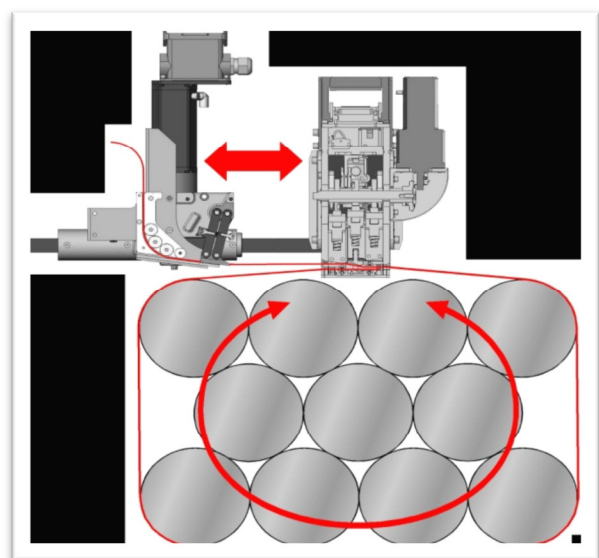
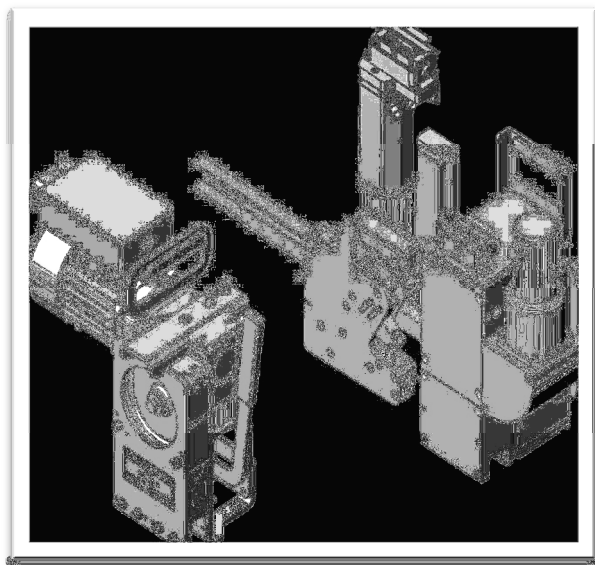
- Maximum machine up-time with Signode Z-weld strap head technology for Tenax® Polyester strap
- High strap joint-strengths and minimum wearing parts in the head, no clutches, no belts, no chain drives
- The High-Speed strap feed module can be remotely located for operator accessibility without entering the restricted area, this ensures safe working operations and maximum machine uptime
- Three separate light-weight head modules for high-speed strap feed, high tension and strap sealing
- Modules can be easily removed without tools for service and maintenance for maximum machine uptime
- Improved package stability - high, consistent initial strap tension onto load
- Lower cost of ownership with easy service & maintenance

## Z-32 Main Features

- High speed strap feed & take-up
- Easy accessible and removal modules
- Heavy duty, light-weight module construction
- All-electric powered operation
- Low overall service needs and TCO
- Remote strap loading for easy operator use
- Highest retained strap tension on packages
- Accommodates various strap gauges and widths from 16-19-25-32mm.
- Small head footprint for easy machine integration
- Available as a complete retrofit kit

## Z-32 Technical Specifications

- Minimum pack face 100 mm
- Strap Feed speed 3.1 m / sec
- Strap Take-up 3.1 m / sec
- Strap Tension Variable up to 9.000 N
- Strap Joint strength Up to 90 % depending on PET strap in use
- Strap Dimensions 16-19-25-32 mm width  
0,9 - 1,27mm gauge
- Strap Type Heavy-duty Tenax®  
PET Polyester
- El. Connection 3 x 400V 3Ph 50Hz
- PLC Controller Siemens S7-300
- Control Voltage 24 V DC
- Module weights: Sealer 22 kg  
Feeder 13 kg  
Tensioner 16 kg



The Z-32 modules can be supplied in various machine applications. Seen here are the three main modules with the easily accessible units for strap load up and service needs. The simple bi-directional tensioning system drives the tension and sealer units away from each other ensuring that tension is pulled from both sides of the package into the centre of the load, a unique and patented Signode development