

M-410-KLW-BRP-12-M Rod & Pipe Strapping Machine



The M410-BRP-12 steel strapping machine is designed to secure square and hexagonal pipe or as here for profile bundles and can be easily integrated into customer stacking and packaging lines..



The standard M410-BRP-12 stationary machine and the M410-BRP-12-M indexing machine with fixed and opening strap chute systems located in customer specific pipe and bar section handling systems

M-410-KLW-BRP-12-M Rod & Pipe Strapping Machine

The Signode M-410 bar, rod, pipe and profile heavy duty steel strapping machine has been designed as a modular unit with a range of machine options to suit most customer needs and is designed to take into account the metals industries needs today and tomorrow for:

- High production throughputs in continuous pipe production and stacking operations
- Maximum machine up-time due to reliable M-410 strapping head technology
- Increased flexibility due to wide range of option modules available
- Improved package stability- high consistent strap tension onto load
- Lower cost of ownership with easy service & maintenance

The BRP strapping machine is prepared as standard with all electrical indexing and head drives. The standard strapping head is the M410 for 19-32 mm heavy-duty steel strapping featuring the patented sealless or spotweld high-strength joints.

M-410-BRP-12-M Options

- Machine indexing on floor or on overhead gantry depending on customer layout
- Label applicator magazine and printer
- Superjumbo coil (135kg) strap dispenser
- Strap coil loading crane manual/electrical
- Machine Safety Guarding Package
- Other PLC Control systems
- Automatic strap coil feed and take up and strap end removal robot – also available as a retrofit kit
- Available as complete AK 200 head for the 19-32 mm PET strapping systems

Technical Specifications

- Pack Width 500 mm - 1.200 mm
- Pack Height 150 mm - 1.200 mm
- Pack Face 100 mm minimum.
- Index drive Electrical
- Strap Feed speed 2-3 m/sec - depending on model selected
- Strap Tension up to 22.000 N
- Strap Joint strength up to 90 %
- Strap Dimensions 19 – 32 mm Steel
- Strap Dispenser 450 kg coils
- Controller Siemens S7-300
- El. Connection 400V 3Ph 50Hz
- Control Voltage 24 V DC
- Consumption up to 40 KVA (weld)
1.200 L/cycle (M410)
- Machine weight 2.-3.000 kg



The BRP model shown here using optional AK200 head for Tenax PET polyester strapping of hexagonal tube bundles in a stationary machine version with the packages passing through the machine for strapping.