

AK200-KLW-M410-BRS-12 Strapping machine



Designed for sheet pack strapping in both length and cross strapping versions, the BRS model can be integrated into customer packaging lines and can be equipped with a wide range of machine options to satisfy most customer needs.



The BRS Model can be equipped with spot weld steel strapping head and a seal head, or if required, with an AK200-HDX vibration weld strapping head for 19-32 mm high-performance Tenax[®] polyester strapping.

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The Signode BRS sheet pack strapping machine has been designed as a modular unit with a range of machine options to suit most customer needs & is designed to take into account the metal and non-ferrous steel industries current and future needs for:

- High production throughputs in continuous production sheet cutting operations
- Maximum machine up-time with Signode's 19-32mm steel and polyester strap head technology
- Increased flexibility with option modules – creates a system to suit most customers needs
- Improved package stability- high consistent strap tension onto load
- Lower cost of ownership with easy service & maintenance

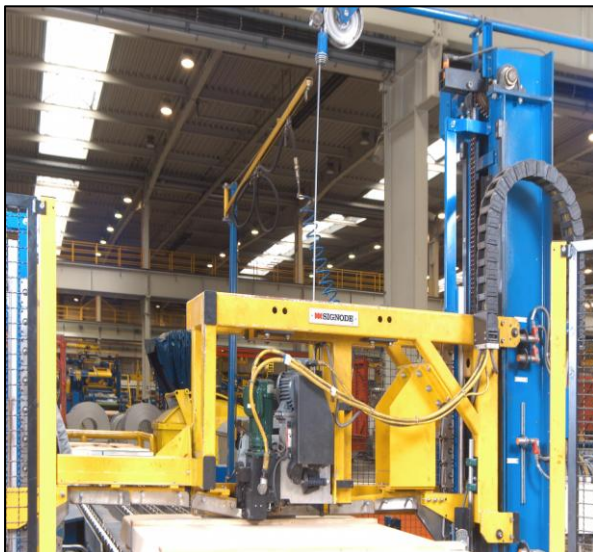
The sheet strapping machine is prepared as standard with all electrical indexing and head drives. The standard strapping head is the M410 steel strap head of the AK200-HDX for 19 -32 mm heavy-duty steel or Tenax® polyester PET strapping. The strapping head is top-mounted and is free-floating for optimum strap tension transmission. Spot-weld and sealless steel strap solutions are also available.

BRS Machine Options

- Machine indexing on floor or on overhead gantry - depending on customer layout
- Length or cross strapping versions available
- Automatic bottom batten magazine & lifter
- Automatic top-edge protection applicator
- Label applicator magazine and printer
- Superjumbo coil 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 for AK200-HDX - also as a retrofit kit

Technical Specifications

- Pack Width 800 mm – 2000 mm
- Pack Height 100 mm – 600 mm
- Pack Length Variable up to 8 m
- Platen drive Electrical or pneumatic
- Strap Feed speed 2-3 m/sec - depending on model selected
- Strap Tension up to 6.000 - 20.000 N depending on head
- Strap Joint strength up to 90 %
- Strap Dimensions 19 – 32 mm PET/Steel
- Strap Dispenser 75 - 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 approx.



The BRS model can be also supplied with M410-KLW steel strapping spot-weld systems as well as an AK200-HDX head can apply 19, 25 and 32mm Tenax® PET strap to sheet packs up to 16 m long

The company reserves the right to make technical changes without prior notification

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