

MH-H Modular Horizontal Strapping Machine



Model shown installed in a food processing plant for horizontal strapping of crates on pallets
The variable strap tension ensures products are secured correctly without damage to the crates



Note the flexible strap guide arms to ensure strap is applied horizontally even to irregular sized loads



MH-H applying PET strapping to 40 mm concrete pavers, up to four straps per load 40-60 loads/hour

MH-H Modular Horizontal Strapping Machine

The machine is built as standard with heavy duty, full steel strap chute and chute flaps for high-speed strap feeding and strap guide bands for accurate horizontal strap positioning onto the load. The standard strapping MH head is designed for heavy-duty 9 -12mm Tenax® PET polyester and Dylastic® PP strapping. It features the easy-load, powered dispensers with automatic strap feed-up into the sealing unit. The head is mounted on the machine frame and as an option can move from the chute onto the side of the load for optimum strap tension around the package. The whole unit has a simple easy, to use free-standing machine control panel.

- High production throughputs – up to 120 straps/ hour depending on load size and conveyor speed
- Frequency controlled electrical chute outrigger - variable strap heights positioning onto load
- Accurate horizontal strap positioning – 8 programmes with up to 8 straps each by Teach-in panel
- Integrated strap guide belt – important for accurately placed horizontal straps onto the load
- Maximum machine up-time - due to simple Modular MHC head slide-in-and-fix design
- Improved load & package stability - consistent strap tension around the load on every strap
- Lower cost of ownership - easy service & low maintenance needs
- Easy module exchange - separate modules weigh from 10-12 kg
- Strap auto-feed from dispenser - reduced operator effort and more uptime

MH-H Options

- 406mm core coil strap dispenser models possible
- Quick re-load spare 200mm strap dispenser
- Low on strap detector, light Tower
- Head Stroke onto load 400 mm
- Floating head carriage 50mm movement
- Entry and exit roller conveyor sections
- Load positioning & conveyor controls
- Spare strap sealer module
- 16mm version with 2.000 N strap tension
- Load safety monitoring system
- Machine Safety Guarding Package

Technical Specifications

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|---------------------|---------------------|
| • Pack Width | 450 - 1.150 mm |
| • Pack Height | 250 – 2.500 mm |
| • Conveyor height | 200 mm min. |
| • Strap Sizes | 9-12 mm PET |
| • Strap Feed Speed | 3 m /sec. |
| • Strap tension | 80-900 N |
| • Cycle time | 5-6 sec. (variable) |
| • Carriage speed | 300 mm /second |
| • Controller | Siemens S7-200 |
| • Operator controls | HMI text display |
| • El. Connection | 400 V 3 Ph 50 Hz |
| • Power Consumption | 1,5 KVA |
| • Control Voltage | 24 V DC |
| • Machine weight | 1.000 kg approx. |



The easy to change light-weight sealer and feeder modules which are simple to service, remove and install in the machine.



Machine HMI TFT Touchscreen panel for the operator and service team to adjust the machine and to change programme parameters