

MH **VRB** SERIES



MH-VRB Side-Seal Machine shown in a high through-put production plant strapping palletised and packaged automotive components ready for shipment worldwide



MH-VRB securing lids on re-usable bulk crates and is also suitable for most pallet strapping operations for loads with a minimum height of 350mm



Set up of the Feeder and Sealer Modules with easy machine operator access and operations and for service work.

MH **VRB** SERIES

The Signode MH-VRB modular side seal machine has been developed with a highly flexible design offering a wide range of machine options. The MH-VRB suits most customers needs to secure packaging materials, cartoned goods or crates onto pallets using both PP and PET strapping materials. The MH-VRB caters for:

- High speed operation – to cater for high throughput production lines
- Frequency controlled bayonet for through the pallet strapping- fixes goods securely to pallets
- Maximum machine up-time - due to simple modular MHC head and feeder design
- Improved load securement & package stability - consistent strap tension on PP and PET materials
- Lower cost of ownership - easy service & low maintenance needs
- Easy module exchange - separate modules weigh 10 to 12,5 kg only

The machine is built as standard with heavy duty aluminium, strap chute flaps for high-speed strap feeding and accurate and importantly vertical strap positioning onto the load. Strap chute built to suit each customer application. The strap auto-feed from dispenser into the sealer unit head reduces operator effort. The standard strapping head is the MHC Modular head for heavy-duty 9-12mm Dylastic® PP or Tenax® PET polyester strapping. The head is side-mounted on the machine frame for optimum strap tension transmission around the package and indexes onto the side of the load.

MH-VRB Options

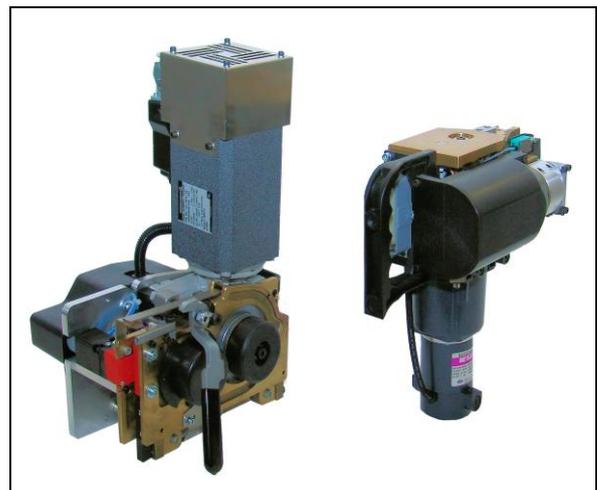
- Spare 200mm core quick-change dispenser
- Separate dispenser for 406mm strap core
- Low on strap indicator
- Load Height variable strap tension controls
- 16 mm version for 2.000 N strap tension
- Operator Display 3" HMI TFT screen
- Machine electrical indexing movement
- Variable height strapping bayonet
- Conveyor and turntable options
- Load positioning & conveyor controls
- Spare strap sealing module
- Other machine RAL colour finishes
- Machine Guarding package
- Profibus DP slave control interlocks

Technical Specifications

- | | |
|------------------------|----------------|
| • Pack Width | 800 – 2.000mm |
| • Pack Height | 350 – 2.800mm |
| • Head stroke | 500 mm |
| • Strap Sizes | 9 - 12 mm |
| • Strap Types | PP and PET |
| • Strap tension | 80 - 900 N |
| • High tension version | 2.000 N |
| • Strap Core diameter | 200 mm std |
| • Strap Feed Speed | 3 m /sec. |
| • Controller | Siemens S7-200 |
| • El. Connection | 400 V 3Ph 50Hz |
| • El. Consumption | 1,5 KVA |
| • Control Voltage | 24 V DC |
| • Strap Dispenser | Electrical |
| • Machine weight | 500 kg approx. |



MH Head indexed onto side of pallet load for optimum strap tension to the load, head carriage stroke to load 500 mm



MH-Module Feed and Sealer units weigh 10-12 kg only so are easy to exchange

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

E-010913 Rev. 1. 02/13