

MH-VR Modular Moving Head Side Seal Machine



MH-VR Side-Seal Machines shown in a high through-put production plant strapping packaged domestic appliances. The machines are equipped with options for twin strap dispensers with low-strap light tower indicators.



Easy access to strap feed and take-up module and strap sealer module. The modular strap chute can be built to suit most customer product sizes.



MH-VR model in operation at the end of a packaging line securing packed products. Model equipped with quick-change 200 mm core strap coil cassette.

MH-VR Modular Moving Head Side Seal Machine

The Signode MH-VR modular side seal machine has been designed with a highly flexible design with a wide range of machine options. The MH-V suits most customers needs to secure the packaging materials or carton packed products such as domestic appliances, boilers or also other clearview stretch or shrink-wrap packaged products using both PP and PET strapping materials. The MH-VR caters for:

- High production throughputs – to cater for high throughput production lines .
- Maximum machine up-time - due to simple Modular MHC head and feeder design
- Improved load securement & package stability - consistent strap tension
- Lower cost of ownership - easy service & low maintenance needs
- Easy module exchange - separate modules weigh from 10 to 12.5 kg only
- Auto strap re-feed from dispenser into sealer unit head – for reduced operator effort

The machine is built as standard with heavy duty, aluminium strap chute body and 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 standard strapping head is the MHC Modular head for heavy-duty 9-12mm Dylastic® PP or Tenax® PET polyester strapping. The side-mounted strapping head indexes onto the side of the load during the strapping cycle, to take into account varying product widths, this ensures optimum strap tension transmission around the package.

Modular MH-VR Options

- Spare 200mm core quick-change dispenser
- Dispenser for 406mm strap core
- Low on strap indicator
- Load height variable strap tension
- Footpedal
- Load positioning & conveyor controls
- Spare strap sealing module
- Other RAL colour finishes
- Machine Guarding Package
- Profibus DP slave control interlocks

Technical Specifications

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|--------------------|------------------|
| • Pack Width | 500 – 2.000mm |
| • Pack Height | 200 – 2.800mm |
| • Head Stroke | 500 mm onto load |
| • Strap Sizes | 9 - 12 mm |
| • Strap Types | PP and PET |
| • Strap core | 200 mm std. |
| • Strap tension | 80-900 N |
| • Strap Feed Speed | 3 m /sec. |
| • Controller | Siemens S7-200 |
| • Operator Display | HMI TFT Screen |
| • El. Connection | 400 V 3Ph 50Hz |
| • El. Consumption | 1,25 KVA |
| • Control Voltage | 24 V DC |
| • Strap Dispenser | Electrical brake |
| • Machine weight | 400 kg approx. |



Fully automatic strapping of packaged kitchen cabinets



Control panel with easy to use HMI TFT Touchscreen display