

MH SERIES

Modular Side Seal Strapping Machine



MH-V Side-Seal Machine shown in a high through-put production plant strapping packaged domestic appliances



Easy access MH feed and take up and MH Strap sealer module on MH-V model



MH-V model in operation at the end of a packaging line securing packed appliance products

MHV **V** SERIES

Modular Side Seal Strapping Machine

The Signode MH-V 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 type of carton packed products such as domestic appliances, kitchen cabinets, boilers or also other clearview stretch or shrink-wrap packaged products using both PP and PET strapping materials. The MH-V 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 max. 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. It features the special strap dispenser with automatic strap insertion & feed to the sealing unit. The head is side-mounted on the machine frame for optimum strap tension transmission around the package. The packages must enter the machine on a fixed pass-line close to the head module and the load positioning is by the customers conveyor system

Modular MH-V Options

- Spare 200mm core quick-change dispenser
- Dispenser for 406mm strap core
- Low on strap indicator and light tower
- HMI TFT Touchscreen operator display
- Spare strap sealing module
- Machine Guarding Package
- Machine castor kit and plug for interlocks
- Footswitch

Technical Specifications

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



Machine control panel with easy to use machine functions



Small appliance pack being strapped in large chute machine, it can accommodate varying load heights

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

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