

# MH **TRB** SERIES

## Modular Pallet Strapping Machine



MH-TRB Top-Seal machine can strap varying sized products including very low loads and palletised loads on Euro as well as quarter pallets. The modern stable machine construction, modular design and a high focus on low-maintenance needs of the unit during conception ensure maximum uptime and the lowest total cost of ownership for customers, with maximum packaging and strapping efficiency and economy.



Easy to load integrated strapping dispenser with automatic strap feed and re-feed to the sealing module ensures quick, easy and reliable strap loading. Increases machine efficiency and uptime.



For improved strap tension transmission around the load and a more secure product the MH sealer unit is mounted on a floating head carriage. This ensures consistent and optimum pallet load securement.

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The Signode MH-TR modular top seal machine has been developed with a highly flexible design offering a wide range of machine options. The MH-TRB suits most customers needs to secure products on pallets and non-palletised loads using both PP and PET strapping materials. The head is top-mounted on the machine frame for optimum strap tension transmission onto the package and indexes onto the top of the load.

- High speed operation – to cater for high throughput production lines
- Fully enclosed telescopic chute system for high speed strap feed- fixes goods securely
- Maximum machine up-time - due to simple Modular MH 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 strap chute for high-speed strap feeding and accurate and importantly vertical strap positioning onto the load. Strap chute built to suit each customer application. The telescopic strap chute enables strap to be fed at any height to accommodate varying pallet load heights and to reduce strap cycle times. The standard strapping head is the MHC Modular head for heavy-duty 9-12mm Dylastic® PP or Tenax® PET polyester strapping and a 16mm high-tension version is also available.

### Modular MH-TR Options

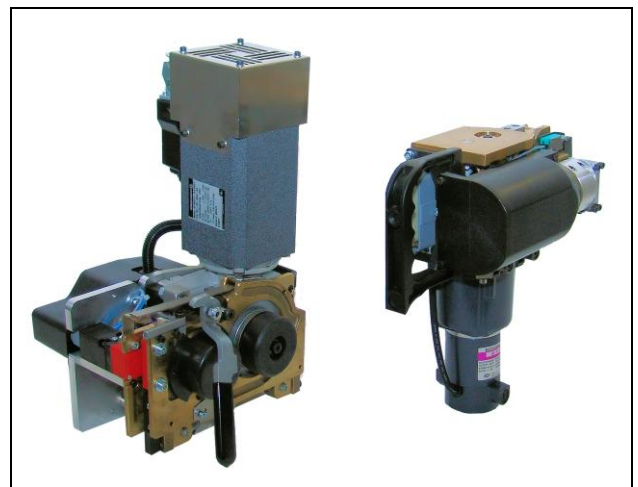
- Low on strap indicator
- 16mm strap version for 2.000 N strap tension
- High-speed MH head version
- Machine electrical indexing movement
- Variable height strapping bayonet
- Conveyor and turntable options
- Load positioning & conveyor controls
- Spare strap sealing module
- Other machine RAL colour finishes
- Machine Guarding package
- Profibus DP slave control interlocks

### Technical Specifications

• Pack Width	1000/1500/2800 mm
• Pack Height incl pallet	300 - 2.500 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	406 mm std
• Strap Feed Speed	3 m /sec.
• Controller	Siemens S7-1200
• Operator Display	5" HMI TFT Screen
• El. Connection	400 V 3 Ph 50 Hz
• El. Consumption	3,0 kVA
• Control Voltage	24 V DC
• Strap Dispenser	Electrical
• Machine weight	800 kg approx.



Machine HMI TFT Touchscreen for operators and the service team to adjust the machine and change the programme parameters depending upon the load to be strapped



MH-Module Feed and Sealer units weigh only 10 -12 kg, so are easy to exchange by hand in less than a minute and simple to service, when required, in less than one hour

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

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