

MHC-GCM Modular Pallet Strapping Press



MHC-1-GCM Press integrated into a Signode pallet packaging line including roller conveyors, load turntable and Signode Octopus stretch-wrapping equipment and complete safety systems guarding in a printing plant supplied as a turn-key project.



MHC-GCM heavy duty platen with electrical servo drive and heavy duty, service-free drive belts



Another line overview with press, wrapper in complete delivery with full safety light-guard system

MHC-GCM Modular Pallet Strapping Press

The Signode MHC-GCM modular pallet compression and strapping machine has been designed with a highly flexible design with a wide range of machine options. The MHC-GCM suits most customers needs to secure their materials onto pallets using Signode's high performance Tenax® PET strapping materials. The MHC-GCM can be equipped with one indexing head and two chute or two MHC heads and chutes:

- High production throughputs – to cater for high throughput production lines of up to 80 pallets/hour .
- Maximum machine up-time - due to simple Modular MHC head and feeder design
- Easy strap feed up from outside guarded area – increases machine uptime
- Strap auto-feed from dispenser into sealer unit head - reduced operator effort
- Improved load securement & package stability - consistent strap tension using PET and MHC head
- Lower cost of ownership - easy service & low maintenance needs
- Easy module exchange - separate modules weigh max. 12 kg

The machine is built as standard with heavy-duty frame, heavy-duty compression platen with variable drive, low maintenance drive belts. Telescopic strap chutes enable for high-speed strap feeding and accurate and importantly vertical strap positioning onto the load. The standard strapping head is the MHC Modular head for heavy-duty 9-12mm Tenax® PET polyester strapping.

Modular MHC-GCM Options

- Optional second strapping head and dispenser for high throughput lines - model MHC-2-GCM
- Entry and exit roller conveyor sections
Conveyors from 80- 500 mm high
- Pallet turntable located inside the press
- Full Load positioning & conveyor controls
- Full machine safety guarding packages
- Operator Touchscreen display on control panel
- Spare strap sealing and feed module
- Other RAL colour finishes available.
- Stretch-wrapping solutions to be integrated into existing or new packaging lines

Technical Specifications

• Pack Width min.	800 mm
• Pack Width max.	1.500 mm
• Pack Height min.	300 mm
• Pack Height max.	1.800 mm
• Strap Sizes	9 - 12 mm
• Strap Types	PP and PET
• MHC Strap tension	150-900 N
• Strap Feed Speed	3 m /sec.
• Strap centers	425 - 780 mm
• Controller	Siemens S7-200
• Pneumatic connection	6 Bar, 60L / cycle
• Power. Connection	400 V 3Ph 50Hz
• Power Consumption	7 KVA
• Control Voltage	24 V DC
• Strap Dispenser	Electrical
• Machine weight	2.500 kg approx.



It is very easy to change the light-weight sealer module
Seen here is the indexing sealer unit on a twin chute model



MHC-Module Feed and Sealer units 12kg and 10kg each
easy to service and maintain on-site with minimum effort

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

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