

# Palletized Paver & Block Packaging Systems



Signode has developed a new range of machine using the proven MD modular interchangeable strapping head for the paver segment. The paver pallet packaging line comprises a horizontal and a vertical strapping machine and if required a separate top sheet applicator unit.



Here the modular horizontal machine applies up to six horizontal straps to the load using PET strapping to the load via pre-selected variable programmes.



Top mounted cam driven MD Modular head system easy access for service and if needed for MD sealer module removal for preventative maintenance

# Palletized Paver & Block Packaging Systems

The Modular MD paver system has been developed with a highly flexible design which offers a wide range of machine options, to suit most existing and new concrete paver packaging systems. The flexibility of the heavy duty MD head modular system which can be used in many applications in the plant ensures maximum machine uptime, higher plant throughputs, reduced maintenance needs and lower spare parts usage. The system caters for:

- High speed operation – to easily cover the packaging needs on high throughput production lines
- Flexible design of head location, side/top, variable strap chute and frame – to suit most needs
- High strap joint strength - using patented Swing-weld® vibration sealing technology
- Maximum machine up-time - due to simple robust MD modular head and machine design
- Improved load securement & package stability - consistent strap tension with PET materials
- Lower cost of ownership - easy service & low maintenance needs with optional spare sealer module
- Strap auto-feed option from dispenser into the sealer unit option - reduces operator effort
- Easy sealer module exchange and interoperability – takes less than 10 minutes to remove and refit

## Modular Machine Options

- 200mm strap cores for PP material for horizontal model
- Auto and semi-auto strap feed to MD head
- Moving or fixed vertical pallet strapping machine
- Load positioning & conveyor controls for most installations
- Spare MD head sealing module unit
- Jumbo (75kg) or Superjumbo (150kg) strap dispensers
- Strap coil loading cranes
- Other PLC models
- Other RAL colour finishes
- Machine safety guarding packages
- Contract Packaging Options

## Technical Specifications

- |                       |                 |
|-----------------------|-----------------|
| • Pack width          | To suit         |
| • Pack height         | To suit         |
| • Conveyor height     | To suit         |
| • Strap sizes         | 9 - 16 mm       |
| • Strap types         | PP and PET      |
| • Strap coil core     | 406 mm          |
| • Strap tension       | 200 - 2.000 N   |
| • Strap feed speed    | 4,2 m /sec.     |
| • Strap take-up 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     | Free-standing   |
| • Machine weight      | Varies by model |



**Swing-weld spare sealer module for maximum machine Uptime, easy to remove and re-install by removing four bolts**



**Modular MD-H horizontal strapping machine, with easy strap thread-up and the lowest TCO system available**