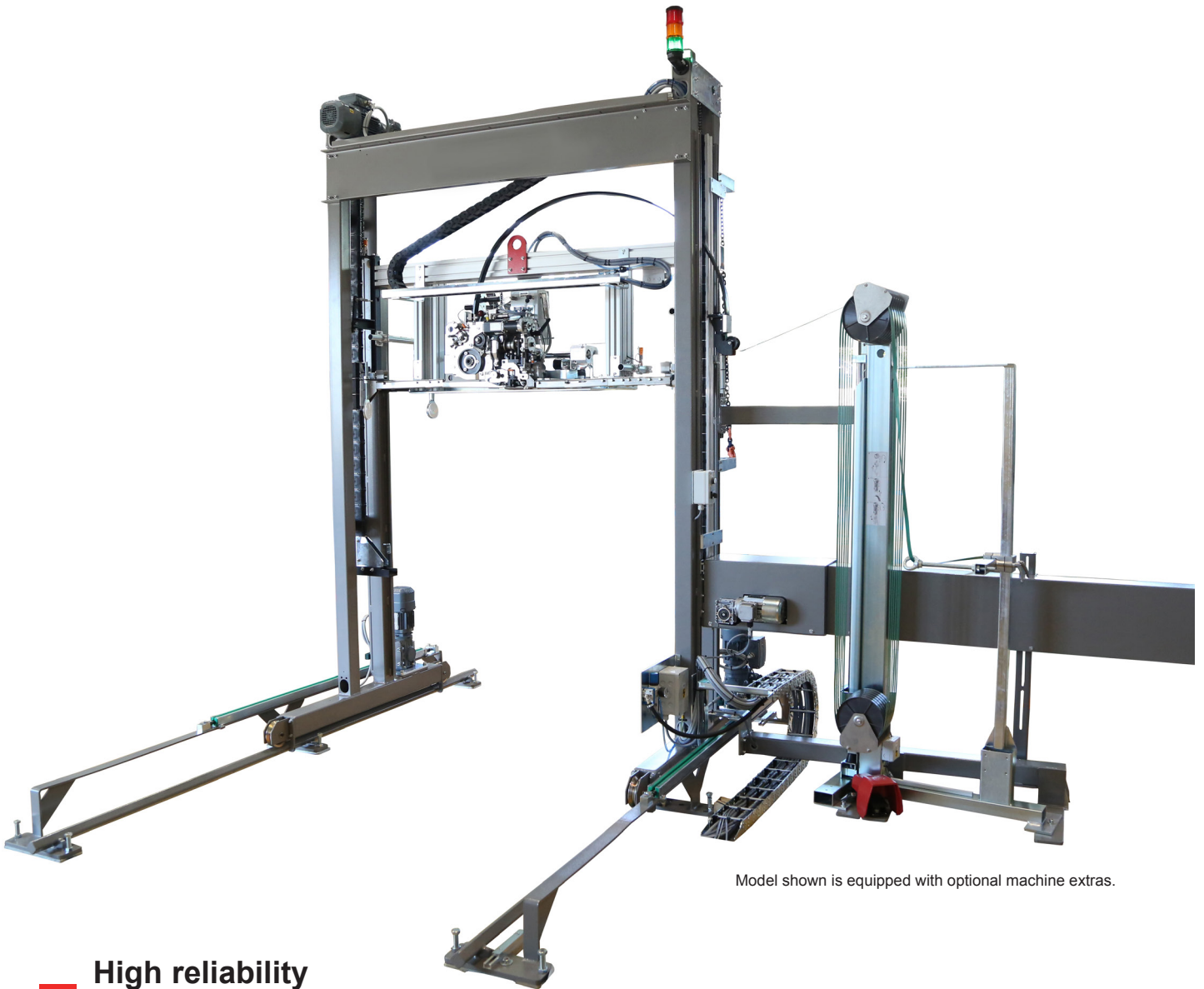


TSM 3000

Next Generation - Top seal strapping machine. Fastest machine in the range.

High speed strapping machine for highest productivity.



Model shown is equipped with optional machine extras.

High reliability

Durable design built for 24/7 operation

High speed and high productivity

Telescopic chute flaps for maximum efficiency

Reduced cycle time

High strap feed and take up speed of 6.7 m/s

Compact and robust design

Flexible machine design to suit most applications

Low operational costs

Long life, wear free brushless drive motors

 **SIGNODE**[®]

TSM 3000

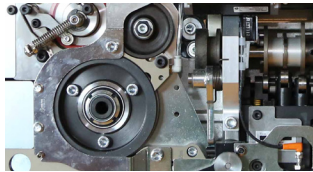
Next Generation - Top seal strapping machine. Fastest machine in the range.

The TSM 3000 top seal machine has been developed for high strap feeding of speeds up to 6.7 m/s. This gives the highest availability and uptime for general logistics, construction and medium duty applications. The TSM Series suits most customers needs to secure products on pallets and non-palletised loads using both PP and PET strapping material.



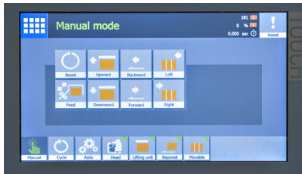
High reliability and compact design

Durable design and components, built for 24/7 operation. H 3000 head is lightweight weighing only 40 kg.



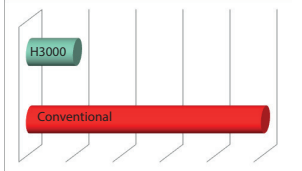
High speed, high productivity

Fastest head in the range with 6.7 m/s strap feed speed, variable and high consistent strap tension. High joint strengths through friction weld sealing.



Easy to service and use

Intuitive HMI for all adjustments. Modular component concept, tool free quick fastener system. Simple exchange of functional units for all the machine.



Low cost of operation

Fully electric strapping head and bayonet with brushless drives. Long life and wear free. Reduced machine service costs and frequency.



High seal efficiency

Friction weld system, with no pre-heating time needed. Self-cleaning, vibration-weld system. Odourless and smokeless.

Design and functions

- Easy to use - all machine adjustments made from machine HMI, a simple and intuitive system so fast and efficient
- Built as standard with heavy-duty high quality strap chute flaps for high-speed strap feeding
- Strap chute built to suit each customer application - for maximum productivity
- Exact strap strip out for accurate and most importantly, vertical strap positioning onto the load
- Brushless drive motors - for lowest cost of ownership
- For high throughput 16 mm PET strap applications the optional jumbo coil dispenser station enables uninterrupted operations
- Suitable for all heavy-duty 9–16 mm PP or PET strapping
- Durable design components - maximised machine uptime and overall equipment effectiveness
- High package stability - floating head gives very high retained strap tension on load

Technical Specification

Chute Dimensions	
Pack Width	300–1650 mm
Pack Height	200–2500 mm
Strap Sizes	
Strap Types	Polypropylene and Polyester
Strap Tension	200–3000 N
Strap Feed Speed	6.7 m/s
Controller	Siemens S7-1200
Operator Display	7" HMI TFT Screen
El. Connection	400 V 3 Ph 50 Hz
El. Consumption	3.0 kVA
Control Voltage	24 V DC
Machine weight	800 kg

Options

- Bayonet protected for construction application
- Bayonet control with photocells
- Pre-warning minimum strap on coil
- Pack pre-height detection
- Variable height strapping bayonet
- Jumbo coil strapping dispenser station
- Conveyor and turntable options
- Safety fence
- Profibus DP or Profinet
- Special colour (RAL)
- Other options available

