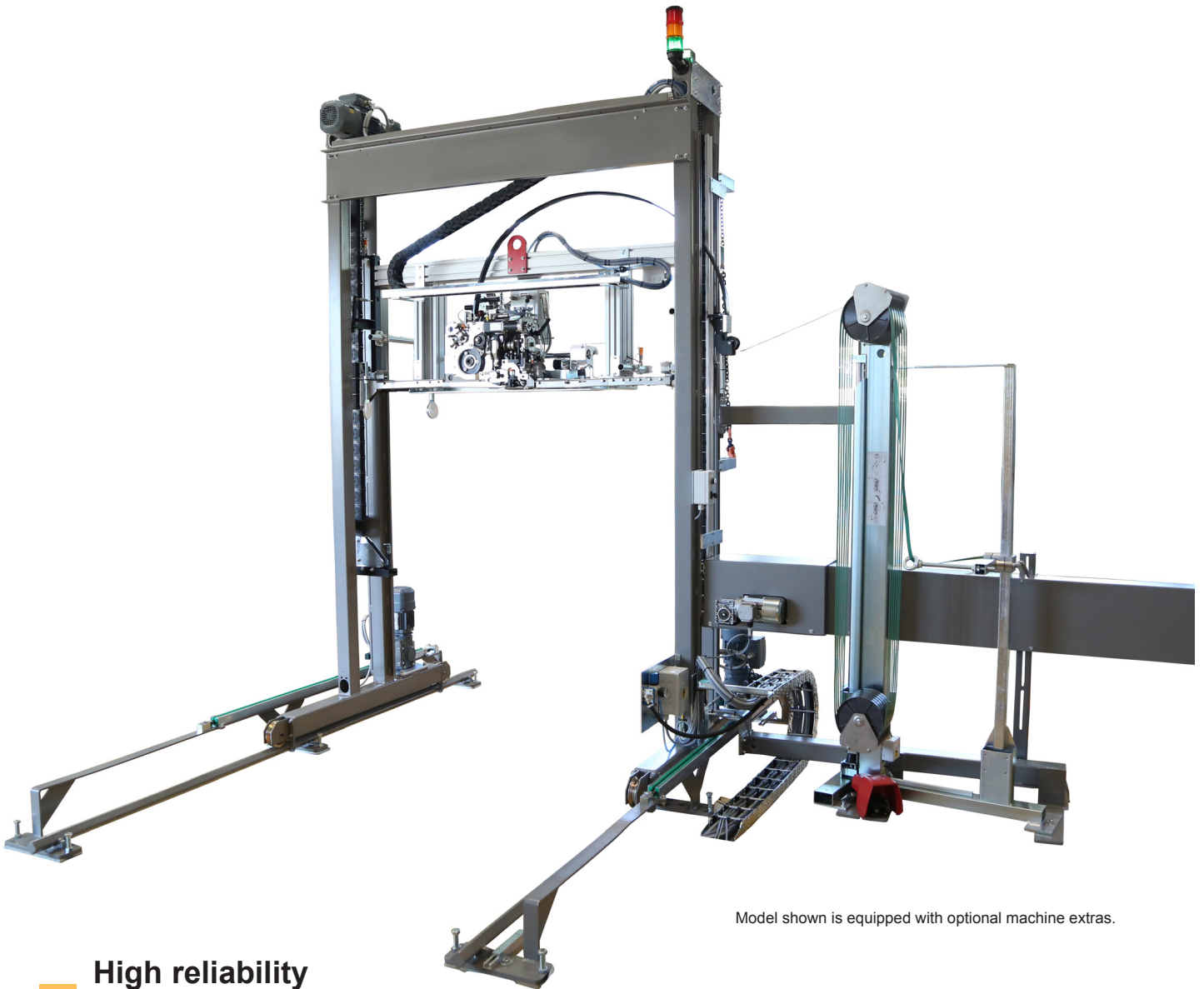


## TSM 3000

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

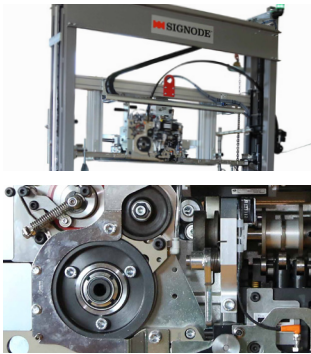
Long life, wear free brushless drive motors

TSM 3000

# 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

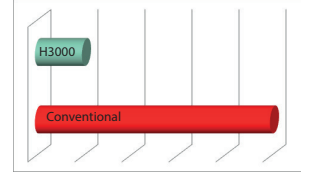
Intuitive HMI for all adjustments. Modular component concept, tool free quick fastener system. Simple exchange of functional units for all the machine.

### 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	9–16 mm
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

