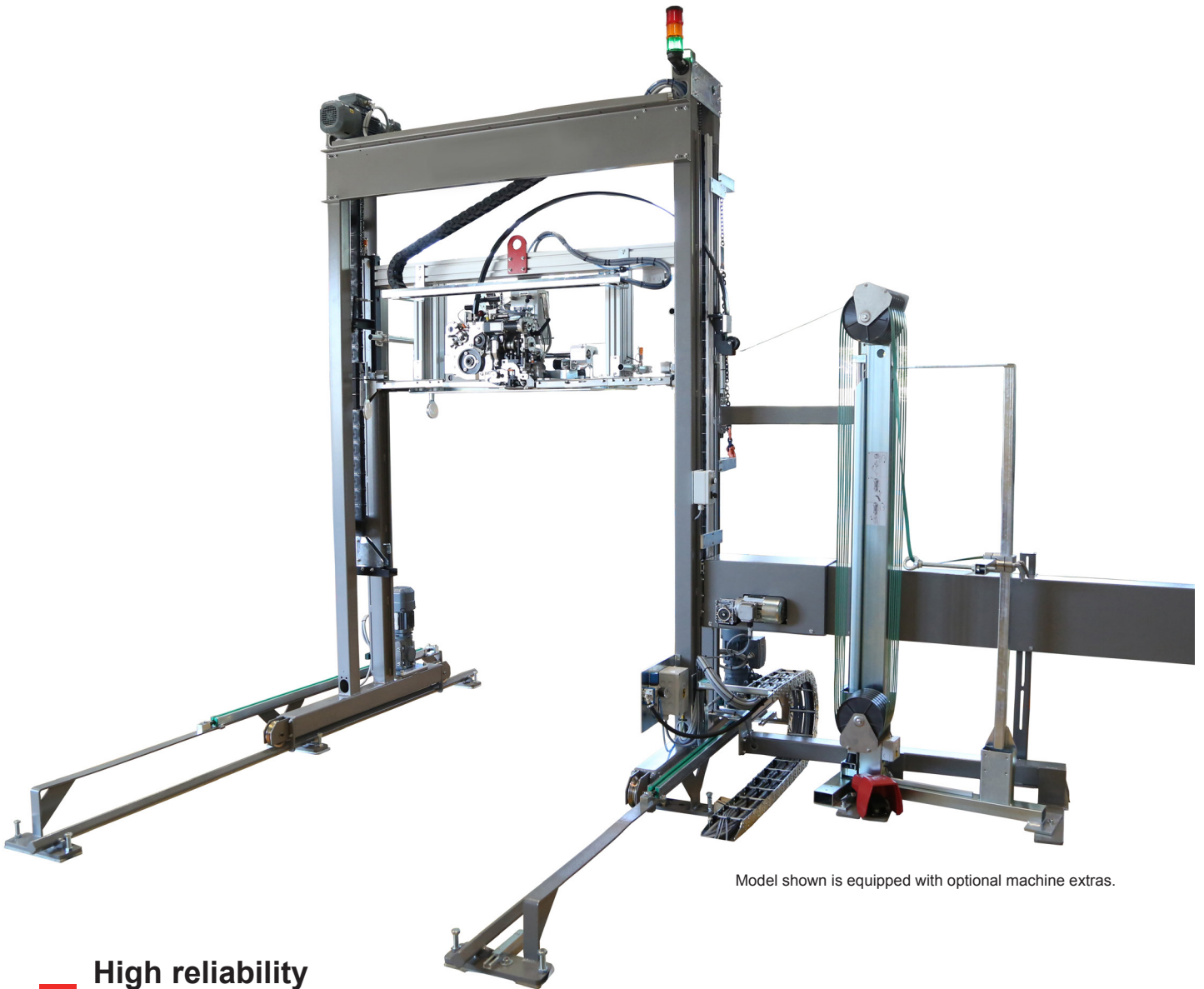


# TSM 3000

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

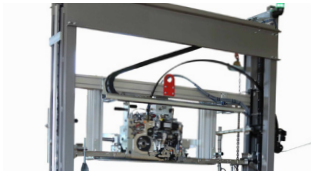
Long life, wear free brushless drive motors

 **SIGNODE**<sup>®</sup>

# TSM 3000

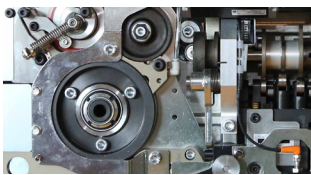
Next Generation - Top seal strapping machine. Fastest machine in the range.

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.



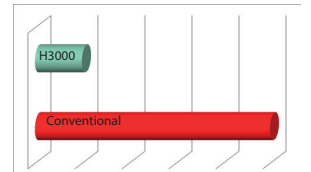
## High speed, high productivity

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 telescopic 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 maximum machine uptime
- Suitable for 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 Specifications

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 type
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

- Speed bayonet for construction applications
- Bayonet control with photocells
- Strap-end pre-warning
- 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

