

Winding machine

SWT800

**for the horizontal winding, hooping and palletising
of heavy belts into large rolls**



Concept

The SWT 800 is designed for the coreless winding of medium and heavy belts into large rolls. The belts are rolled horizontally on a flat winding plate. Fully automatic belt intake takes place via a linear axis and a gripper system. Belt feeding for each new roll and removal for subsequent processing when finished, occur in a single, time-saving operational phase. Manual handling of the heavy rolls is not required. As an option, the system can be supplemented with a fully automatic hooping and palletising device.

Main features

- Controlled belt tension during the entire winding process
- High production performance / excellent advantages
- Mature design, proven in practice and with a wealth of applications
- High levels of operating and service friendliness
- Stable, compact design
- Easy and fast setting and alteration due to product parameter storage and retrieval
- High levels of process safety
- Possibility for modification or enlargement at any time



Optional palletising device

Standard equipment

- Sensor for the identification of the belt end
- Electronic length measurement
- Straight, hot knife with electronic temperature regulation up to 450°C
- Coreless, horizontal winding device
- Exit slide for one roll

Machine controls

SPS controls with operator-friendly input device for the following functions:

- Length pre-selection in mm
- Article counter with pre-selection
- Programming of all positions and lengths in mm
- Data management for over 1,000 articles
- Automatic fault surveillance, registration of system standstills and malfunctions

Options/additional equipment

- Metal detector on the belt feed
- Recognition of previously marked belt defects and a roll rejection device when a defined number of defects is exceeded
- Cold cutting device
- Roll end fixing with needles, clips, T-pins or adhesive label
- Finished roll hooping device
- Long, roller run-out for approx. 5 rolls
- Palletising device instead of a runout
- Thermotransfer printer
- Feed for winding onto cardboard cores
- Servodrive for winding speeds of up to 350 m/min
- High-speed runout for jumbo bobbins

Technical data

Material width up to 55 (optional 150 or 250) mm

Material thickness up to 3 (optional 4 or 6) mm

Winding speed up to max. 350 m/min

Max. winding Ø 800 mm

Inside winding Ø 30 – 50 mm

Connecting values

Installed capacity	10.0 kW
Mains connection	3 x 400 V+N+PE / 50 Hz
Compressed air	6 bar

Dimensions

Width	4000 mm
Depth	1500 mm
Height	1500 mm

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