

DATA SHEET

BSB-450 SX



Modular built semi-automatic twist wrapping machine with medium production capacity

Applications

All kinds of long products and profiles up to the product dimensions specified below.

Your benefit

- modular constructed
- high efficiency
- wide range of applicability
- divergent products can be packed in bundles or entirely wrapped to convenience
- no risk of product damage
- extremely low cost of consumables and energy
- machine operating at low noise level
- short set-up times required
- PLC controlled by an HMI touch panel
- expandable to fully automatic machine

Product dimensions

Width: 20 – 400 mm

Height: 20 – 250 mm

Length: 600 mm to unlimited

Maximum cross-section diagonal: 400 mm

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Wrapping/packaging materials

PE stretch film, VCI stretch film, PE film, crepe paper, etc.

Width: up to 125 mm

Core section: 76 mm

Technology

- automatic clamping and cutting unit
- motor driven automatic product advancement
- continuously variable film tension/strain
- quick-change unit for wrapping material coils
- adjustable product advancement speed using a frequency converter
- pneumatic pinch roller in the run-out area of the machine
- PLC controlled with touch panel (Schneider)
- flush-cut cutting unit for film and paper
- driven run out
- manual guide roll in run-in and run-out area
- modular built and expandable to fully automatic machine

Specifications

Dimensions (width x depth x height): 1,200 x 1,500 x 1,700 mm

Weight: >900 kg

Max. speed: 18 m/min (frequency controlled)

Control voltage: 24 VDC

Line voltage: 400 V – 50 Hz, 3-phase

Power consumption: approx. 1,5 kW

Noise level: <79 dB (depending on wrapping material)

Options

- transport roll in a heavy duty version for higher maximum load
- electrically driven height adjustment of the wrapping unit
- second material roll holding fixture
- carrier guide for short parts
- shift off and buffer function in the run-out area

All machine types BSA and BSB SX / VA also available as 600 / 800 /1000 and 1200 models.

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Further features

The machines all conform to CE guidelines and have been designed using the latest technology and design criteria for industrial use.

(The company reserves the right to make technical changes without prior notification)

Views of the machinery (examples)

