

DATA SHEET

BSB-450 VA

NEW! BSB-450 VA!

Automatic cutting unit ✓

PLC controlled ✓

Standard films usable ✓



Modular built fully automatic twist wrapping machine for all kinds of profiles and long products in „plug-and-play“ design.

Applications

All kinds of long products and profiles complying with the dimensions specified below.

Your benefits

- 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
- short set-up times required
- low machine noise operations
- integration in production lines possible
- PLC controlled by an HMI touch panel

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Product dimensions

Width: 20 – 400 mm
Height: 20 – 250 mm
Length: 600 mm to unlimited
Maximum cross-section diagonal: 400 mm

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

Specifications

Dimensions (width x depth x height): 1,200 x 1,500 x 1,700 mm
Weight: approx. 1,500 kg
Max. speed: 20 m/min (frequency controlled)
Control voltage: 24 VDC
Line voltage: 400 V – 50 Hz, 3-phase
Power consumption: approx. 2 kW
Noise level: <79 dB

Options

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

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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)

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

Applications (examples)

