

H. BOHL

Packing by Spiral Wrapping



The new standard for packaging by spiral wrapping

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Packaging Systems Group GmbH

The new standard – the blue line

With the new machine line H. Böhl sets the new standard for packaging long-shaped products by spiral wrapping.

Starting with the semi-automatic BSA, up to the modular designed BSB SX version and the fully automatic BSB VA model, a wide range of applications for different customer wrapping needs can easily be accommodated.

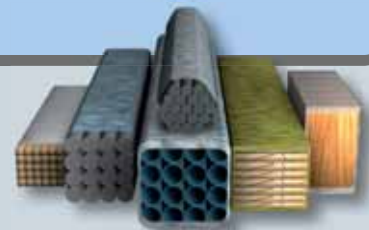
For example all three machine types of the new series can be delivered for a maximum product diameter of 1,200 mm.

The machines are PLC controlled and equipped with touch panels for comfortable and simple operation and use.

There are many options for our packaging system – contact us, we will be more than happy to create a solution for you.

The advantages:

- automatic sliding cutter unit
- PLC controlled by an HMI touch panel
- standard films usable
- no risk of product damage
- low machine noise operations
- low cost of consumables and energy
- short set-up times required
- different products can be packed in bundles or entirely wrapped to convenience



BSA-450 / 600 / 800 / 1000 / 1200



The BSA is the simplest wrapping machine in the new series. It works semi-automatically and is particularly suitable for lower production volume throughputs, but with very economic wrapping.

This machine is mainly characterized by its easy and fast operation.

The BSA has a continuously variable film lay-on tension/strain and a quick-change unit for the wrapping material coils.



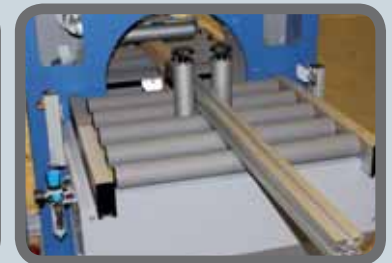
BSB-450 SX / 600 SX / 800 SX / 1000 SX / 1200 SX

With the BSB SX H. Böhl can supply a modular built semi-automatic wrapping machine, which is expandable to become a fully automatic machine if the production requirements increase.

Features are, among others, an automatic motor driven product advancement (adjustable using a frequency converter), a pneumatic pinch in the exit side and manual guide roller on the entry and exit side of the unit.

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



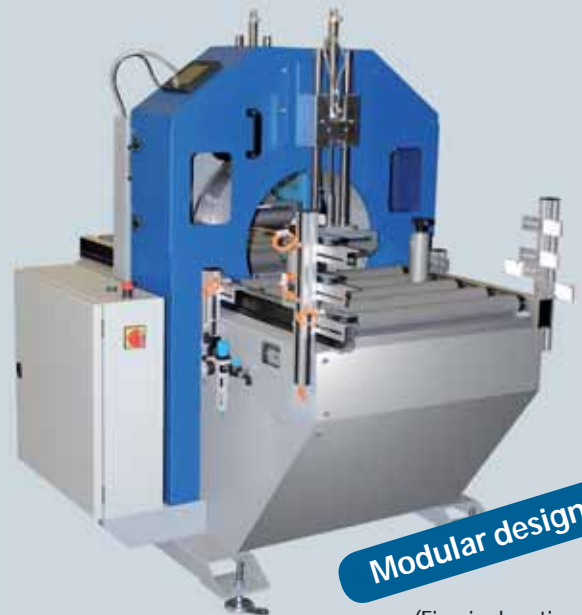
BSB-450 VA / 600 VA / 800 VA / 1000 VA / 1200 VA

Due to the machine ranges modular design, the BSB also can be delivered with motor driven entry area and a pinch or compression roller in the entry area, as fully-automatic BSB VA version.

The machine is suited for integration in product lines. Among the advantages of the BSB SX, the VA version features, among others, additionally an automatic product height detection system to adjust to varying product sizes.

Options:

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



(Figs. incl. options)



Product Dimensions	BSA-450	BSB-450 SX	BSB-450 VA
Width [mm]:	20 - 400	20 - 400	20 - 400
Height [mm]:	20 - 250	20 - 250	20 - 250
Length [mm]:	600 to unlimited	600 to unlimited	600 to unlimited
Max. cross-section diagonal*) [mm]:	400	400	400

*) All machines can be delivered up to a product cross-section diameter of 1,200 mm

Specifications	BSA-450	BSB-450 SX	BSB-450 VA
Dimensions width/depth/height [mm]:	1,100 / 1,000 / 1,700	1,200 / 1,500 / 1,700	1,200 / 1,500 / 1,700
Weight [kg]:	> 800	> 900	ca. 1,500
Max. speed [m/min]:	depending on operator	18 (frequency controlled)	20 (frequency controlled)
Control voltage [V DC]:	24	24	24
Line voltage:	400 V - 50 Hz, 3-phase	400 V - 50 Hz, 3-phase	400 V - 50 Hz, 3-phase
Power consumption [kW]	ca. 1	ca. 1,5	ca. 2
Noise level (dep. on packaging mat.) [db]	< 79	< 79	< 79

All other models on request

Packaging materials:

- PE stretch film
- VCI stretch film
- PE film
- crepe paper, etc.
- width up to 125 mm
- core diameter: 76 mm



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)