

BS 5 ECO

Technical Data

External dimensions	580 x 855 x 570 mm*
Max. sealing area with outline cutting	380 x 275 mm
Max. sealing area without outline cutting	400 x 280 mm
Max. foil width	420 mm
Max. tray height	150 mm
Working cycle	5 to 10 per minute**
Weight	58 kg
Compressed air connection	6 bar
Electric connection	1 phase, 230 V, 50 Hz***
Power	1,25 kW



* width x depth x height
 ** depends on sealing time/operation
 *** other voltages available on request

Quality characteristics



General Design

BS packaging machines are made of top-quality components: stainless steel and splash-proof protected elements are combined into compact units. Rugged technology and advanced design guarantee a long machine durability.



User-friendliness

The intuitive user interface allows a quick adjustment of key process parameters to suit the foil and tray properties. The main buttons are arranged in a clear layout for easy operation.



Sealing Tool

Due to the perfect to the perfect combination of contact pressure, sealing temperature and sealing time, all sealing results meet the highest quality standards. A temperature sensor and powerful heating elements guarantee uniform heat distribution. The clean outline cutting of the foils results into an attractive packaging result. Residual foil can be removed quickly by hand.



Compatibility

Our semi-automated sealing machines are designed for optimum flexibility. With the quick-release system, sealing frames and tools can be exchanged within seconds and without the need of screwing tools. We offer a wide range of standard sealing frames. Should you require a customised solution, please contact us.

Machine Structure



Features in Detail

The main features of the semi-automated tray sealing device are its excellent compatibility and its user-friendly design. The sensor control system enables operators to optimise the packaging process for each product.

Sealing Unit



- Stable heat distribution
- Compatible with a wide range of standard frames
- Sealing frames in special sizes upon request
- Teflon-coated surface
- Compressed air support for a firm sealing result
- Quick-release system for easy and tool-free exchange
- Precise outline cutting

Tray and Sealing Foil



- Fill quantities for up to 5kg
- System solutions for various products: vegetables, meat, fish, pasta, etc.
- Suitable for trays made in PP, PET, CPET, HDPE, etc.
- Top-grade, micro-lasered sealing foil for virtually any application
- Foils, trays, etc. available from one system supplier

User-friendly Design



- Intuitive control interface layout
- Good accessibility of process-relevant elements
- Stainless steel housing
- Quick-release frames
- Quick foil change
- Easy maintenance



BS 5 ECO: Tray Sealing Device for Vegetables and Asparagus



Scan QR-code and watch video. All product videos can be found on our video blog at:
www.boss-tv.de

	Tabletop Models		Stand-alone Machines			
	BS 5 ECO	BS 10 ECO	BS 25 Basic	BS 25 Pro	BS 40 Maxi Basic	BS 40 Maxi Pro
Stainless steel housing	✓	✓	✓	✓	✓	✓
Sensor control	Eco	Eco	Sensor Basic	Sensor Pro	Sensor Basic	Sensor Pro
Manual drawer system	✓	✓	✓	✓	✓	✓
Automatic drawer system	✗	✗	✗	optional	✗	optional
Deep chamber design (useful height)	optional (270 mm)	optional (145 mm)	optional (135/155 mm)	optional (135/155 mm)	optional (140 mm)	optional (140 mm)
Vacuum pump	✗	✗	25 or 40 m ³ /h	40 or 63 m ³ /h	40 or 63 m ³ /h	40 or 63 m ³ /h
Automatic foil collection	manual	manual	manual	automatic	manual	automatic
Mobile machine support	optional	optional	✓	✓	✓	✓
Lifting system for trays	✗	✗	✗	optional	✗	optional
Sound-absorbed compressor	optional	optional	optional	optional	✗	✗
Skin function	✗	✗	✗	✗	optional	optional
High skin function	✗	✗	✗	✗	optional	optional
Machine in oxygen version (O ₂ -valve)	✗	✗	optional	optional	optional	optional
System for printed foil	✗	✗	✗	optional	✗	optional
Sealing tool compatibility	✗	with BS 25 Basic/Pro	with BS 10 Eco/BS 25 Pro	with BS 10 Eco/BS 25 Basic	with BS 40 Maxi Pro	with BS 40 Maxi Basic

Requirements

For working with the machine compressed air is needed. These minimum features of the compressed air generator have to be fulfilled: Incoming pressure: 6 bar · Generation capacity: 50 litres per minute · Storage air tank: 5 litres; Please use clean and dry air only.

Options

1. Wide range of sealing frames in stock
2. Mobile machine support with storage space (stainless steel)
3. Very soft, sound-absorbed compressor
4. Deep chamber design, max height of tray 270 mm
5. Trays made in PP, PET, CPET, HDPE, etc.
6. Various sealing foil on rolls
7. Export packaging (stable cardboard box on wooden pallet)

