

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

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.

²⁵⁰ mm

^{*} width x depth x height

^{***} depends on sealing time/operation **** other voltages available on request



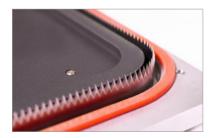
Machine Structure



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 processrelevant elements
- · Stainless steel housing
- · Quick-release frames
- · Quick foil change
- Easy maintenance







| | 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 (O₂-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)













