

	TSC 70	TSC 175	TSC XXL
Structure	Stainless steel AISI 304	Stainless steel AISI 304	Stainless steel AISI 304
Control panel	7" PLC Touch Screen	7" PLC Touch Screen	7" PLC Touch Screen
Size (LxWxH)	1811 × 881 × 1647 mm	2884 × 881 × 1647 mm	3389 × 1110 × 1760 mm
Weight	400 kg	450 kg	550 kg
Loading zones	2 + 1 (700 mm)	5 + 1 (1750 mm)	5 + 1 (1750 mm)
Sealing area	435 x 290 mm	435 x 290 mm	550 x 290 mm
Tray dimensions	1 × 420 × 280 × 110 h mm 2 × 180 × 280 × 110 h mm 3 × 130 × 280 × 110 h mm 4 × 80 × 280 × 110 h mm	1 × 420 × 280 × 110 h mm 2 × 180 × 280 × 110 h mm 3 × 130 × 280 × 110 h mm 4 × 80 × 280 × 110 h mm	On request
Film progress	Automatic.	Automatic.	Automatic.
Maximum diameter roll	300 mm	300 mm	300 mm
Diameter of roll support	3" (70÷76 mm)	3" (70÷76 mm)	3" (70÷76 mm)
Maximum film width	470 mm	470 mm	585 mm
Application	Sealing, Vacuum, MAP, Skin	Sealing, Vacuum, MAP, Skin	Sealing, Vacuum, MAP, Skin
Vacuum pump	100 m3/h Optional: 300 m3/h	100 m3/h Optional: 300 m3/h	200 m3/h Optional: 300 m3/h
Final Vacuum Level	1 mbar absolute	1 mbar absolute	1 mbar absolute
Electric supply	400V - 3PH + N + PE - 50Hz - 4KW	400V - 3PH + N + PE - 50Hz - 4KW	400V - 3PH + N + PE - 50Hz - 4KW
Pneumatic supply	6/8 bar - dry and micro-filtered air	6/8 bar - dry and micro-filtered air	6/8 bar - dry and micro-filtered air
Air consumption	9-12 NI/cycle	9-12 NI/cycle	9-12 NI/cycle
Speed*	up to 14 cycles/min up to 10 cycles/min (MAP) up to 6 cycles/min (SKIN)	up to 14 cycles/min up to 10 cycles/min (MAP) up to 6 cycles/min (SKIN)	up to 14 cycles/min up to 10 cycles/min (MAP) up to 6 cycles/min (SKIN)
Optional	Request information	Request information	Request information

*Depending on product, final vacuum level and vacuum pump.

BMB in the constant search for improvement of production, reserves the right to modify the characteristics of its products, therefore the data and images shown are indicative and not binding.

All BMB machines comply with current European regulations according to CE, EAC and EMV.

TRAYSEALERS TSC



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BMB[®]
VACUUM PACKAGING SOLUTIONS



Automatic tray sealers.

TSC Series

Reliable and safe, the **TSC series machines** are fully automatic in-line tray sealers for **packaging trays**, with speed and precision, in sealing only or partial vacuum, full vacuum, modified atmosphere or skin packaging. The construction technology allows the installation of different tools to pack of different trays, from 1 to 4 trays per cycle, with easy and fast mould changes without the use of tools. The same die allows for different types of packaging: film sealing only, M.A.P. and SKIN.

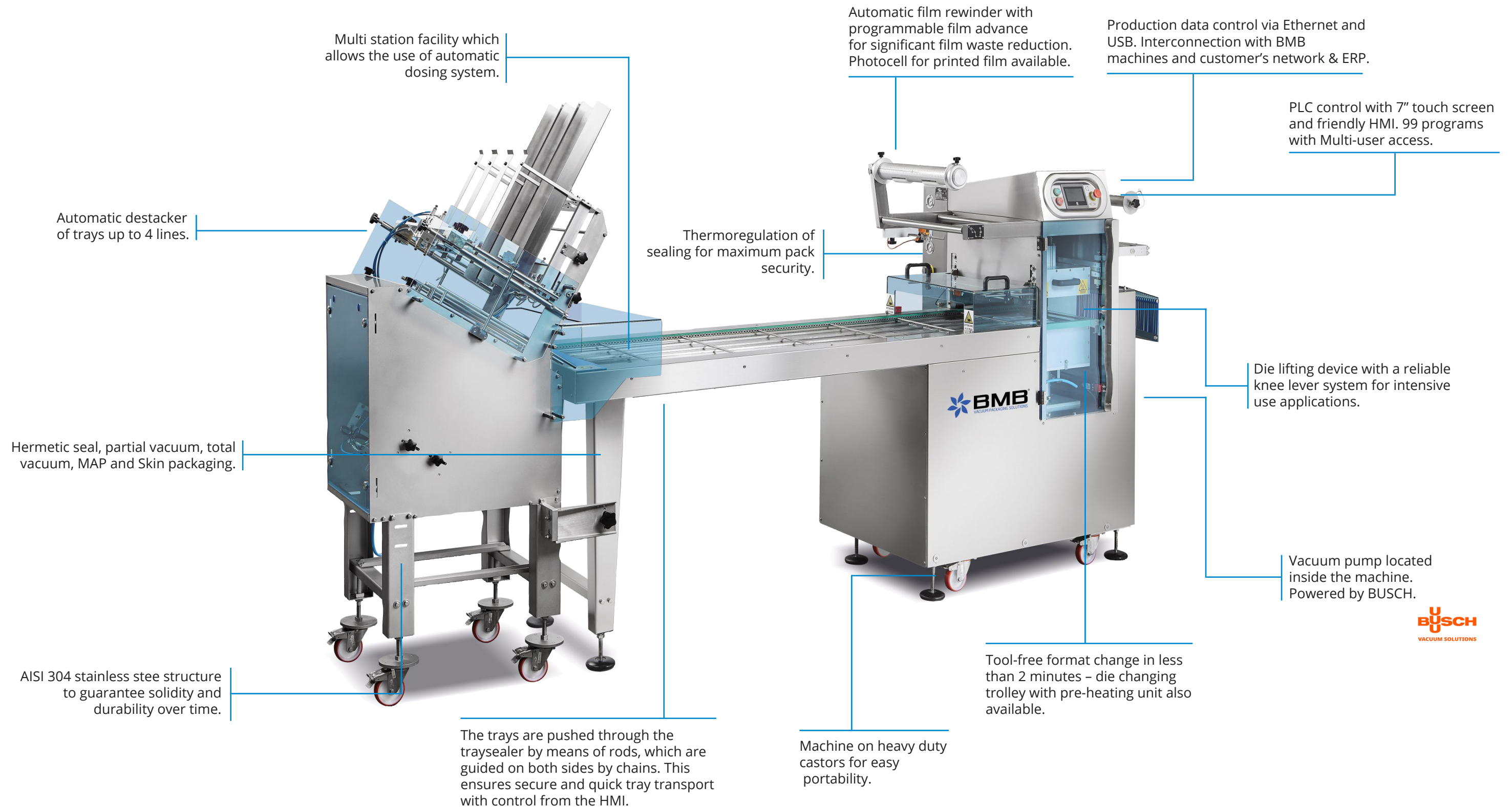
We design each machine individually to fit specific customer requirements.

Standard:

- AISI 304 stainless steel construction with hygienic design
- Absolute vacuum sensor.
- Tray presence detector.
- Pack up to 5 trays per cycle.
- Interchangeable die-set with contour-cutting and easy-peel.
- Automatic film rewinder for scrap collection.
- 7" color touch display.
- HMI with 99 work recipes.

Optional:

- Ethernet connection for remote control.
- Automatic tray destacker.
- Tray detector with single cavity control.
- Automatic dosing unit for tray filling.
- Photocell for printed film.
- Buffer tank for gas.
- Hot printer or thermal transfer.
- Automatic tray aligner.
- Weighing and labeling systems.



Multi station facility which allows the use of automatic dosing system.

Automatic destacker of trays up to 4 lines.

Hermetic seal, partial vacuum, total vacuum, MAP and Skin packaging.

AISI 304 stainless steel structure to guarantee solidity and durability over time.

Automatic film rewinder with programmable film advance for significant film waste reduction. Photocell for printed film available.

Production data control via Ethernet and USB. Interconnection with BMB machines and customer's network & ERP.

PLC control with 7" touch screen and friendly HMI. 99 programs with Multi-user access.

Thermoregulation of sealing for maximum pack security.

Die lifting device with a reliable knee lever system for intensive use applications.

Vacuum pump located inside the machine. Powered by BUSCH.

Tool-free format change in less than 2 minutes – die changing trolley with pre-heating unit also available.

Machine on heavy duty castors for easy portability.

The trays are pushed through the traysealer by means of rods, which are guided on both sides by chains. This ensures secure and quick tray transport with control from the HMI.

