

PRODUCT CATALOGUE

Semi-Automatic L-Bar Sealer + Shrink Tunnel



Semi-Automatic L-
Bar Sealer



Shrink Tunnel

Machine Series: WSG

Semi-Automatic L-Bar Sealer



Speed:
Up to 15 pcs/min

Technical Details:

- Individually combinable with different shrink tunnels
- Teflon-coated impulse heating tape (reduction of film adhesion)
- Electronic setting of sealing time, outfeed conveyor speed and sealing cycle (in pneumatic operation)
- electromechanical closure of the sealing frame via holding magnet
- movable film slide including film perforation unit
- optional pneumatic L-sealing funktion possible (foot switch, timer, "opening/closing", two-hand control)

Product Samples:



Machine Specifications:

Models	WSG-4055	WSG-5070	WSG-75100	WSG-100120
Usable films (center folded):	POF / PP / PE / PVC	POF / PP / PE / PVC	POF / PP / PE / PVC	POF / PP / PE / PVC
Max. film thickness:	50 my	50 my	50 my	60 my
Sealing frame size:	400 x 550 mm*	500 x 700 mm*	750 x 1000 mm*	1000 x 1200 mm*
Max. product dimensions:	380 x 520 x 200 mm*	480 x 680 x 200 mm*	720 x 980 x 200 mm*	980 x 1180 x 200 mm*
Max. roll size (L x Ø):	500 x 250 mm	600 x 250 mm	700 x 250 mm	950 x 250 mm
Max. connected load:	1,2 kW	1,8 kW	2,8 kW	3,4 kW
Supply voltage:	230 V	230 V	230 V	400 V
Machine weight (approx.):	150 kg	230 kg	350 kg	480 kg
Shrinking time:	Up to 15 pcs/min	Up to 15 pcs/min	Up to 15 pcs/min	Up to 15 pcs/min
Air pressure:	5,5 bar	5,5 bar	5,5 bar	6,0 bar

Machine Series: ST

Shrink Tunnel (Economic)



Speed:
Up to 30 m/min



Additional Options:

- Pressure rollers for light products
- Teflon conveyor belt as grid
- Special dimensions on request



Shrink Films

Technical Details:

- Continuously variable temperature adjustment
- **Continuous adjustment of the conveyor belt speed**
- Energy-saving solid-state relay control (SSR)
- **Quick change of the heating elements (easy maintenance)**
- Automatic switch-off function of the shrink tunnel

Model:	ST-4525	ST-4525H	ST-5530	ST-5530H
Tunnel bonnet (Lx W x H):	700 x 450 x 250 mm*	1800 x 450 x 250 mm*	1200 x 550 x 300 mm*	1800 x 700 x 400 mm*
Conveyor belt speed:	Up to 30 m/min	Up to 30 m/min	Up to 30 m/min	Up to 30 m/min
Supply voltage:	400 V / 3 phases	400 V / 3 phases	400 V / 3 phases	400 V / 3 phases
Max. connected load:	9,5 kW	18 kW	9,5 kW	20 kW
Machine weight (approx.)	360 kg	510 kg	440 kg	580 kg

Machine Series: STA

High-performance Shrink Tunnel System



Speed:
Up to 40 m / min

Technical Details:

- Continuous adjustment of temperature and conveyor belt speed
- Including tunnel observation window
- Energy-efficient solid-state relay control (SSR)
- 3-dimensional air flap system (top, bottom, side)
- Automatic switch-off of the shrink tunnel
- Continuous adjustment of the air circulation fan
- Adjustable rotating chain rods (no film sticking to the product)
- Adjustable ventilation flaps (heat control directly on the product)
- Separately removable tunnel hood by click lock technology (uncomplicated maintenance)

Optional Accessories:



PVC Fine Shrink Film

PE Shrink Film



Polyolefin Shrink film

Model:	STA-4025	STA-6540
Tunnel Cover (L x W x H):	1000 x 400 x 250 mm	1200 X 650 x 400 mm
Max. Product Dimensions (W x H)²:	430 x 280 mm*	630 x 380 mm*
Max. Conveyor Belt Speed:	1-18 m / min	40 m / min
Max. Connected Load:	10,0 kW	12,0 kW
Supply Voltage:	400 V / 3 phases	400 V / 3 phases
Machine Weight:	450 kg	500 kg

About tbs-pack GmbH

With decades of experience, our family-run manufacturing companies are among the **pioneers of the packaging industry** - we live innovation - and progress. Unique on the market, our group of companies offers system solutions for the integrated packaging process, including the appropriate consumables. With us you get packaging machines and films - **everything from one source, without intermediate trade.**

Starting with the completion of the customer's product, in our end-of-line packaging machines (flow wrapping machines, Doypack filling machines, shrinking machines) up to the dispatch of the finished pallet to the end customer (conveyor system, case sealer, wrapping machines etc.).

Our company philosophy includes the core approach to **relieve our customers in the lengthy purchasing selection processes for the different packaging areas** without having to resort to several suppliers. With the appropriate consumables and the matching packaging machines, which are manufactured individually for each customer in our group of companies, we make it possible to bundle purchasing budgets and pass on process consulting synergies from our worldwide customer network to you.

tbs-pack GmbH – Your partner, in all areas of packaging.

*The output quantities per minute are average values, depending on film type and thickness, product dimensions and machine handling. It is not possible to combine all maximum dimensions. We reserve the right to make technical changes, performance values exclusively.



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