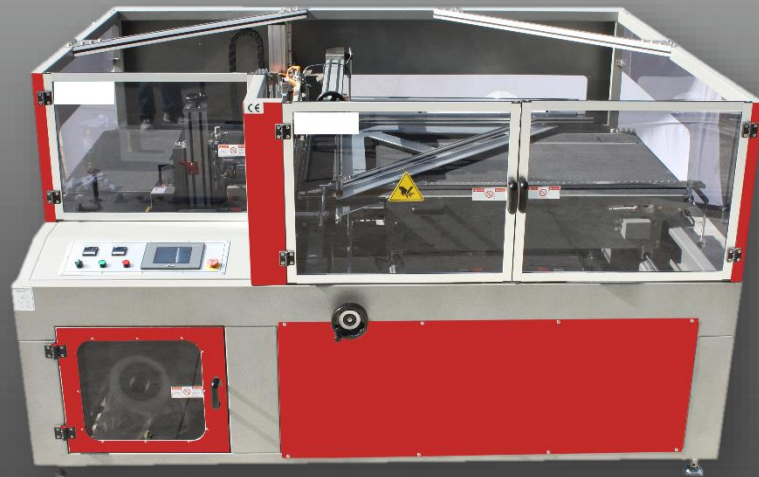


PRODUCT CATALOGUE

Automatic Side Sealing Machine + Shrink Tunnel



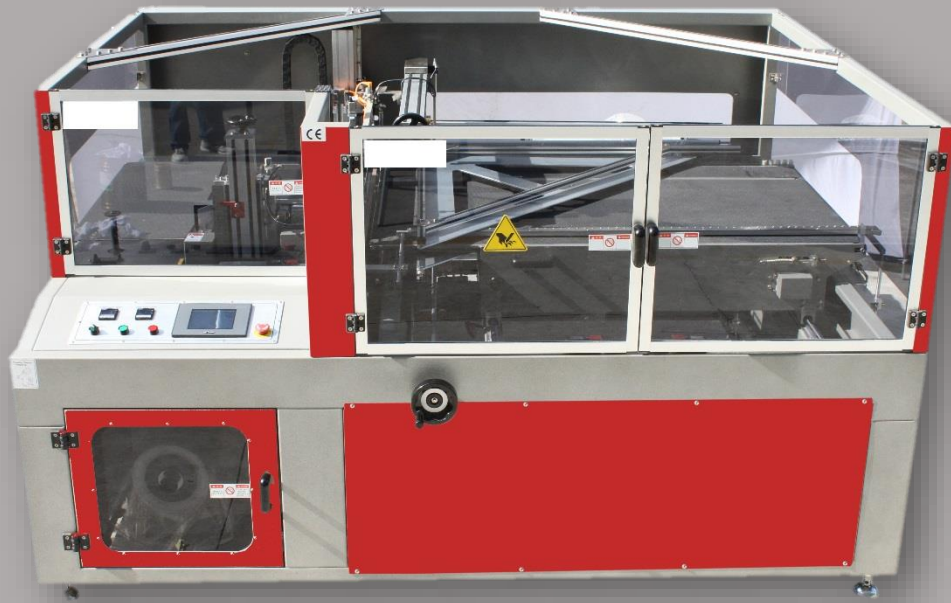
SWS Series



STA Series

Machine Series: SWS

Automatic Side Sealing Machine



Speed:
Up to 60 pcs / min

Technical Details:

- **Permanently heated transverse and side sealing**
- Simple touch screen operation via colour symbols
- **Individually storable product programs**
- Servomotor controlled transverse sealing
- **Stainless steel version possible**
- **Single and multi-product bundling possible**
- Integrated piece counter and print mark control
- **Safety protection covers / alarm signal lamp**
- Continuous side sealing, no product length limitation
- **Perforating needle rollers; mounted on rubber roller**



Side Sealing



Touch screen with color symbols



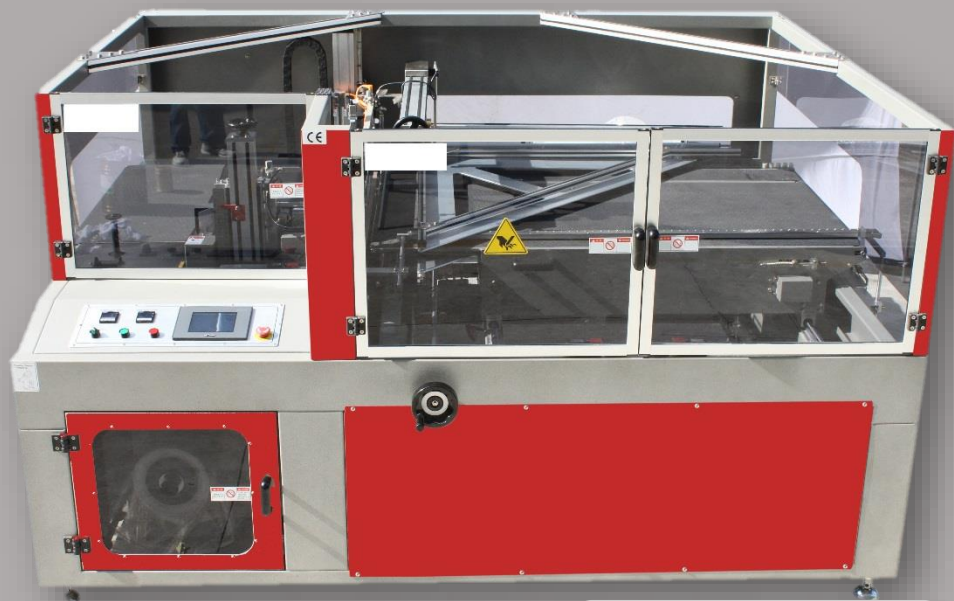
PRODUCT SAMPLES

SWS Series

Model:	SWS-4015	SWS-5020	SWS-7520	SWS-8530	SWS-10020
Usable Films (center folded):	POF / PP / PE	POF / PP / PE	POF / PP / PE	POF / PP / PE	POF / PP / PE
Max. Film Thickness:	50 my	50 my	50 my	50 my	50 my
Sealing Mechanism:	pneumatic	servo	servo	servo	servo
Sealing Blade Width:	400 mm	500 mm	750 mm	850 mm	1000 mm
Max. Product Height::	150 mm	220 mm	220 mm	300 mm	220 mm
Max. Format Width (W x H):	350 mm	450 mm	700 mm	800 mm	950 mm
Max. Roll Size (L x Ø):	500 x Ø 300 mm	650 x Ø 300 mm	850 x Ø 300 mm	850 x Ø 300 mm	1150 x Ø 300 mm
Conveyor Belt Speed:	35 m / min	35 m / min	35 m / min	35 m / min	35 m / min
Max. Connected Load:	2,5 kW	3,0 kW	4,0 kW	4,0 kW	5,0 kW
Machine Weight (approx.):	385 kg	410 kg	610 kg	700 kg	850 kg
Sealing Speed:	Up to 40 pcs / min	Up to 60 pcs / min	Up to 40 pcs / min	Up to 40 pcs / min	Up to 30 pcs / min

Maschinenserie: SWS Box Motion

Automatic Side Sealing Machine
(continuous cycling)



Speed:
Up to 100 pcs / min

Technical Details:

- **Permanently heated transverse and lateral sealing**
- Simple touchscreen operation via colour symbols
- **Individually storable product programs**
- Single and multi-product bundling possible
- **Stainless steel version possible- Automatic residual development of excess film**
- Integrated piece counter and print mark control
- **Safety protection covers / alarm signal lamp**
- Continuous longitudinal sealing, no product length limitation
- **Servo-controlled motor drive for sealing systems and conveyor belts**
- Perforating needle rollers; mounted on rubber roller



Side Sealing
(upstream)



Transverse Sealing



PRODUCT SAMPLES

Model:	SWS-5020FM
Usable Films (center folded):	POF / PP / PE
Sealing Blade Width:	500 mm
Sealing Mechanism 1:	Longitudinal Sealing (pneumatic)
Sealing Mechanism 2:	Moving Transverse Sealing (servomotor)
Max. Product Height:	199 mm
Max. Format Width (W x H):	450 mm
Max. Roll Size (L x Ø):	600 x Ø 300 mm
Conveyor Belt Speed:	35 m / min
Max. Connected Load:	4,5 kW
Machine Weight (approx.):	450 kg
Sealing Speed:	Up to 100 pcs / min

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-4530	STA-4530H	STA-6540	STA-6540H	STA-8040H	STA-10030H
Tunnel Cover (L x W x H):	1200 x 450 x 300 mm	1800 x 450 x 300 mm	1200 X 650 x 400 mm	1800 x 650 x 400 mm	1800 x 800 x 400 mm	1800 x 1000 x 300 mm
Max. Product Dimensions (W x H)²:	430 x 280 mm	430 x 280 mm	630 x 380 mm	630 x 380 mm	780 x 370 mm	850 x 280 mm
Max. Conveyor Belt Speed:	40 m / min	40 m / min	40 m / min	40 m / min	40 m / min	30 m / min
Max. Connected Load:	11,0 kW	18,0 kW	12,0 kW	24,0 kW	24,0 kW	18,0 kW
Supply Voltage:	400 V / 3 phases	400 V / 3 phases	400 V / 3 phases	400 V / 3 phases	400 V / 3 phases	400 V / 3 phases
Machine Weight:	470 kg	580 kg	500 kg	690 kg	690 kg	690 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.

The logo for TBS PACK, featuring the letters 'TBS' in white on a red background, followed by 'PACK' in black on a white background, all enclosed in a red rectangular border.

For further information about our packaging machines and services, please contact us at:

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