

## TL 300

Compact form, efficient performance



 **High Quality**  
aus Deutschland  
made in Germany

## TL 300

Semi-automatic tray packaging machine



### Small footprint but powerful

Reliable capacity, simple operation, solid stainless steel construction and an exceptional hygienic Webomatic CleanDesign are all characteristics of the TL 300.

With its compact dimensions, our TL 300 requires very little floor space and can be placed in the most restricted operating areas.

In addition, all of the machine's key components are easily accessible from the front-side of the machine and die sets

and film are well protected behind the machine's tiltable hood.

Our solid TL 300 is the ideal tray packaging solution for operations with a need for economical but professionally packaged products at small productions or start up applications, or for research and development labs.

Fresh products such as meat, fish, seafood, delicatessen, vegetables, salad, pasta and bakery products or convenience food can be preserved. The TL 300 is also ideal for



packaging technical instruments, consumables and medical equipment.

OPTIONAL: Our TL 300 is now available with the option to create visually appealing, wrinkle-free vacuum skin packages. Products are surrounded with a high-gloss film which creates a "retail-ready", skin-tight package. Your marinated products, chops, and steaks remain appealing and fresh.

### **Simply (and) perfectly packed**

Our semi-automatic tray sealer is comfortably controlled via the practical full-color touch-screen with its clear and easily understandable menu navigation. Even untrained personnel can operate the intuitive control panel by simply adjusting sealing time, temperature, gas flush and vacuum degree for all packaging configurations. Once the product program is entered, the operator simply chooses the desired program, loads the filled trays, closes the vacuum chamber and

the remaining processes are fully automated! From the vacuum process to gas flushing and sealing of the trays to the final contour-cutting step, the result is an attractive retail-ready package with enhanced product appearance, shelf-life and package durability. The die change is fast and easy. With a few quick turns and no tools, the sealing die sets and formats can be changed in a very short time.



Open design: operators can easily access the machine's components for product changeovers, film loading, etc.



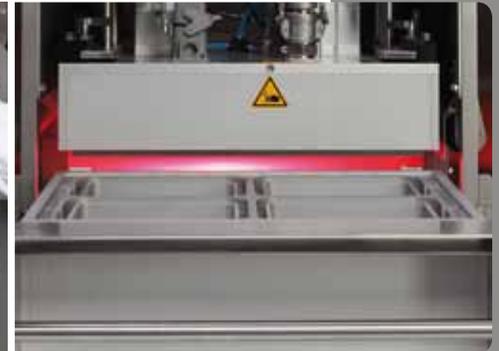
Tidy storage: movable cart stores die sets when not in use



Flexible formats: sufficient space for a broad range of tray formats – up to 8 trays per cycle

Simple product changeovers: quick-change dies without the use of any tools speeds product changeovers

Clear and functional design



### CleanDesign

The open design and angled surfaces provide easy access and promote water runoff during the cleaning process. Our CleanDesign is shaped after WEBOMATIC's pioneer sanitary designs to offer optimized sanitation and prevent water and dirt from accumulating from the point at which the machine enters production – an all around CleanDesign!

OPTIONAL: A movable storage cart for die sets optimizes handling time. Up to four additional tools can be stored in a space-saving and hygienic fashion thus protecting your tooling from damage.

## Fit for food



### Highly versatile packaging

Do you prefer round, square, colored or transparent trays? Foam, cardboard, paper, or aluminium? Choose from reclosable film or a removable snap lid.

Our entry level TL 300 tray sealer offers an enormous range of packaging options. The extra wide sealing area can accommodate tray sizes up to 400 x 300 x 120 mm.

Designed for modified atmosphere packaging and/or conventional tray sealing, the TL300 is engineered to handle a wide variety of food packaging applications including tray lidding only or those requiring MAP.

OPTIONAL: For using pre-printed top film the TL 300 can be equipped with an optional print mark control, even available as retrofit-kit.

# Technical data

## Semi-automatic tray packaging machine TL 300

<b>Trays:</b>					
tray materials:	PP, PS, A-PET, C-PET, EPS, paper, cardboard, aluminium				
max. tray dimensions for various tray configurations:					
1-up chamber		400 x 300 x 120 mm	3-up chamber		117 x 300 x 120 mm
		Ø 300 x 120 mm			390 x 58 x 120 mm
2-up chamber		190 x 300 x 120 mm	4-up chamber		190 x 144 x 120 mm
		400 x 144 x 120 mm			400 x 58 x 120 mm
		Ø 190 x 120 mm			82 x 300 x 120 mm
					Ø 144 x 120 mm
6-up chamber		117 x 144 x 120 mm	8-up chamber		190 x 58 x 120 mm

Further sealing die sets and forms upon request.

Sealing die sets each complete with contour-cutting (outside-cut).

### Machinery:

control system:	Mitsubishi PLC
touch screen:	Mitsubishi full-color touch screen, high resolution
production capacity:	up to 7 cycles/min., depending on equipment and product
machine dimensions:	approx. 995 x 795 x 1,600 mm (wxdxh, closed)
working height:	870 mm (± 50 mm)
net weight:	approx. 375 kg (827-lbs.), depending on equipment
film transport:	fully automated with film remnant rewinding system, quick tension device for core diameter 3"/76 mm
top film width:	max. 350 mm, depending on tray used
film reel diameter:	max. 300 mm
electrical:	400 V, 50 Hz, 3 Ph., N, PE, special voltage available as an option
connected load:	3.5–5.5 kW, depending on equipment
compressed air:	approx. 12 NI/cycle with constant 7 bar
water cooling:	not applicable
vacuum pump:	55, 63 or 100 m <sup>3</sup> /h, vacuum pump integrated

### Optional features:

print mark control  
 telecommunication module  
 separator  
 O<sub>2</sub>-equipment  
 gas mixing unit  
 automatic tray denesting unit  
 die set cart  
 inside-cut  
 vacuum skin packaging  
 machine equipped with rollers



1 Outside-Cut



2 Inside-Cut



3 Pseudo-Skin

**WEBOMATIC®**

Maschinenfabrik GmbH

Hansastr. 119

D-44866 Bochum

Telephone +49 (0) 2327-3099-0

Telefax +49 (0) 2327-3099-29

info@webomatic.de

www.webomatic.de



Technical changes reserved.  
 All WEBOMATIC machines comply with  
 the valid European regulations according to CE, EMC, EAC.