

# TMC Pro Series

Semi automatic L-sealer and tunnel combination

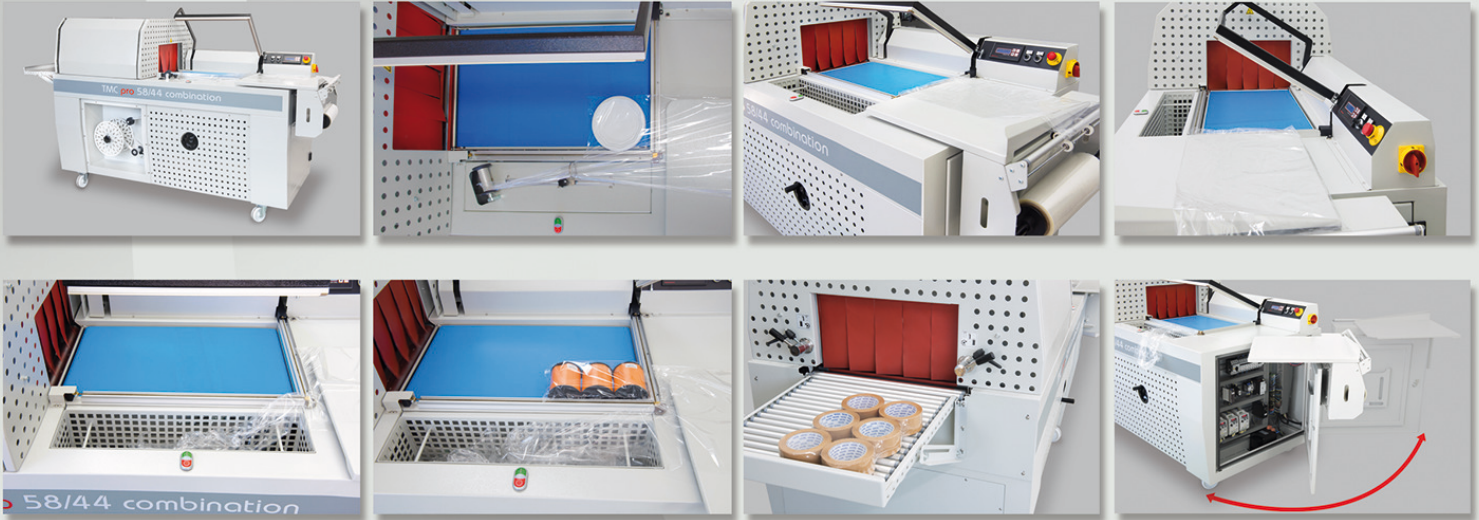
*Packaging***Solutions**





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Semi automatic L-sealer and tunnel combination



## Technical Specifications

### TMC 58x44-H

### TMC 58x44-M

<b>Sealer Bar Opening:</b> 250mm (10")	<b>Maximum Packaging Sizes (WxLxH):</b> 300 x 450 x 150mm (12 x 18 x 6")	300 x 450 x 150mm (12 x 18 x 6")
<b>Maximum Capacity:</b> 10 - 12 packs / minute *	<b>Working Principle:</b> Close with hand	Motorized
<b>Maximum Product Height:</b> 150mm (6")	<b>L - Sealer Sizes:</b> 580 x 440mm (23 x 17")	580 x 440mm (23 x 17")
<b>Maximum Roll Diameter:</b> 250mm (10")	<b>Maximum Film Width:</b> 550mm (22")	550mm (22")
<b>Working Height (E):</b> 960mm (38")	<b>Installed Power (50-60Hz):</b> 400V, 13 Ampere, 3 Phase	400V, 13 Ampere, 3 Phase
<b>Compreasure Air Supply:</b> No	<b>Consumption (Maximum / Average):</b> 8 kW / 4 kW	8 kW / 4 kW
<b>Film Types:</b> POF: 7-37 micron	<b>Dimensions (AxBxCxDxH):</b> 950x2500x1320x925x200mm (37x98x52x36x8")	950x2500x1320x925x200mm (37x98x52x36x8")
PVC: 15-25 micron	<b>Palletized Size (AxBxC):</b> 1100x2370x1450mm (43x93x57")	1100x2370x1450mm (43x93x57")
<b>Color:</b> Light gray RAL7035	<b>Weight (Net / Gross):</b> 470 kg / 540 kg (1036 lbs / 1190 lbs)	490 kg / 560 kg (1080 lbs / 1235 lbs)

\* For DIN A4 form and TMC Series servo real working speed depends on the product dimensions and the film type.

## Advantages:

- Minimized layout requirement by compact single-chassis design
- Ability to provide heat to wire at exact efficient dose, realized by I-Sealing System®
- Increase in sealing quality, process accuracy and life-span by stabilized heat control

## Features:

- M Series: Sealing L-Bar is driven by a motor (no need for compressed air)
- M Series: In automatic mode, sealing bar cycles automatically in predefined period
- M Series: In free mode, sealing bar is triggered by button
- M Series: Sensor detects any obstacle and stops the cycle automatically for safety
- H Series: Sealing L-Bar is closed by hand, weight is balanced with reverse load
- H Series: Magnetic holder keeps L-Bar closed for pre-defined time period
- Speed inverter for air circulation fan of heat tunnel
- Air circulation control by side flap handles
- Automatic post cooling system for cooling down to 70°C before switch off
- Additional emergency temperature control system against fire risk
- Easily transportable on wheels inside a facility

## Sealing:

- M Series: Sealing is actuated by motor in between wire and silicon rubber
- H Series: Sealing is actuated manually in between wire and silicon rubber
- Sealing wire is positioned on fixed bottom frame for safety
- Sealing wire is embedded into heat-resistant fiber profile
- Teflon belt covered silicon rubber increase sealing quality and life-span of silicon

## Flexibility:

- Height of conveyor line can be adjusted with respect to varying product height
- Working time of conveyor can be adjusted with respect to varying product length
- Power of sealing wire can be adjusted with respect to varying film thicknesses
- Heat, time and speed parameters can be easily adjusted via digital control panel

## Optional:

- Automatic trim winder option is available upon request
- Stainless steel versions are available for wet/moist working environment
- Tunnel conveyor alternatives: Wire Mesh, Teflon Mesh or Plastic Mesh
- On-site installation and training service options are available

