

# TMC Pro Series

Semi automatic L-sealer and tunnel combination

*Packaging Solutions*



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## Technical Specifications

<b>Sealer Bar Opening:</b> 250mm (10")
<b>Maximum Capacity:</b> 10 - 12 packs/minute *
<b>Maximum Product Height:</b> 150mm (6")
<b>Maximum Roll Diameter:</b> 250mm (10")
<b>Working Height (D):</b> 960mm (38")
<b>Compr. Air Supply:</b> No
<b>Film Types:</b> POF: 7-37 micron PVC: 15-25 micron
<b>Color:</b> Light gray RAL7035

## TMC 58x44-H

<b>Working Principle:</b> Close with hand
<b>L - Sealer Sizes:</b> 580 x 440mm (23 x 17")
<b>Maximum Film Width:</b> 550mm (22")
<b>Installed Power:</b> 400V 15 Ampere 3 Phase
<b>Consumption (Maximum / Average):</b> 11 kW / 6 kW
<b>Dimensions (AxBxC):</b> 950 x 2300 x 1600mm (37 x 91 x 63")
<b>Palletized Size (AxBxC):</b> 1150 x 2500 x 1800mm (45 x 98 x 71")
<b>Weight (Net / Gross):</b> 420 kg / 490 kg (926 lbs / 1080 lbs)

## TMC 58x44-M

<b>Motorized</b>
<b>Dimensions (AxBxC):</b> 950 x 2300 x 1600mm (37 x 91 x 63")
<b>Palletized Size (AxBxC):</b> 1150 x 2500 x 1800mm (45 x 98 x 71")
<b>Weight (Net / Gross):</b> 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
- Easy to use, compatible with health and safety standards
- Ability to provide heat to wire at exact efficient dose, realized by I-Sealing System®
- Ability to keep wire temperature constant, 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
- Adjustable speed of tunnel conveyor for optimized heat application period
- Heat adjustment with digital PID control
- 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
- Various language options are available in 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

## Quality:

- ISO9001 quality standards with the relevant norm's confirmation
- CE certifications, complies with the latest CE directives
- World-wide approved brands for all mechanical and electrical components
- 1 year warranty against manufacturing faults
- Wearable parts are not included in warranty terms
- 1 set of wear parts is provided along with the machine
- 5 years spare part stock availability is provided
- Installation, testing and training services are provided free of charge

