

SMT10 – Single-Chamber Steam Shrink Tunnel



The SMT10 is a single-chamber steam shrink tunnel designed to deliver precise and consistent sleeve shrink applications for low-to-medium capacity production lines.

Engineered for reliable industrial operation, the system features adjustable steam zones, modular construction, and optimized steam distribution for stable and repeatable shrink performance.

Features

- Single-chamber steam shrink tunnel design
- Constructed from AISI 304 stainless steel
- Anodized aluminum components
- Modular structure for future expansion
- Fast and easy steam system integration
- Independently adjustable steam zones
- Adjustable steam flow and temperature control
- Two insulated inspection doors for process monitoring
- Adjustable nozzle bars for consistent shrink results
- Precision steam pressure adjustment via steam valves
- Operating pressure of 0.5 bar with operating temperatures between 110–140 °C depending on container specifications
- Integrated safety valve for sudden pressure increases
- Steam condensate collection and drainage system
- Steam trap system included
- Exhaust fan system at tunnel entry and exit to reduce steam dispersion into the production area
- Optional external handwheel system for nozzle adjustment without opening tunnel doors
- Optional top-pressure bottle holding system to improve bottle stability
- Optional safety switches on each tunnel door

- Optional conveyor integration according to customer requirements
- Optional steam separator and additional steam trap system before tunnel inlet

Technical Specifications

Dimensions (L × W × H)	1000 × 1500 × 2400 mm
Weight	330 kg
Power Supply	1 Phase / 220 V / 50-60 Hz
Installed Power	0,80 kW
Air Consumption	20 NL/min – 6 bar
Steam Pressure / Consumption	4-10 bar / 30-60 kg/h
Production Capacity	Up to 60 bpm*