SMT20 – Dual-Chamber Steam Shrink Tunnel

The SMT20 is a dual-chamber steam shrink tunnel designed to provide precise and consistent sleeve shrink applications for various container formats.

Engineered for reliable high-speed production, the system features adjustable steam zones, modular construction, and optimized steam distribution for stable and repeatable shrink performance.

Features

- Dual-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
- Four 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 / 2600 / 2400 mm
Weight	750 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 / 50 - 90 kg/h
Production Capacity	Up to 350 bpm*