



ST110 – Single-Chamber Steam Shrink Tunnel



The ST110 is a compact single-chamber steam shrink tunnel designed for precise sleeve shrinking and surface finishing applications on various container formats.

Engineered for stable and efficient operation, the system features adjustable steam distribution, precision nozzle control, and optimized steam management for consistent shrink performance.

Features

- Single-chamber steam shrink tunnel design
- Constructed from AISI 304 stainless steel
- Natural anodized aluminum components
- Independently adjustable steam zones
- Two insulated and sealed inspection covers
- Four-axis adjustable nozzle system for different bottle heights and angles
- Precision steam pressure adjustment system
- Energy-efficient nozzle design
- Adjustable operating pressure and temperature according to packaging specifications
- Integrated safety valve for sudden pressure increases
- Steam condensate collection and drainage system
- Steam trap system included
- Steam vacuum chambers at tunnel entry and exit to reduce steam dispersion into the production area
- Optional conveyor integration according to customer requirements
- Suitable for post-shrink surface smoothing applications on PE bottles

Technical Specifications

Dimensions (L × W × H)	100 / 170 / 230 cm
Weight	180 kg
Power Supply	1 Phase / 220 V / 50-60 Hz
Installed Power	0,37 kW
Steam Pressure / Consumption	4-10 bar / 10 - 30 kg/h
Production Capacity	Up to 5 bpm*