

ST340 – Four-Chamber Steam Shrink Tunnel



The ST340 is a four-chamber steam shrink tunnel designed to deliver precise and consistent sleeve shrink performance for high-speed production lines.

Engineered for reliable industrial operation, the system features independently adjustable steam zones, multi-axis nozzle adjustment, and optimized steam distribution for stable and repeatable shrink applications.

Features

- Four-chamber steam shrink tunnel design
- Constructed from AISI 304 stainless steel
- Anodized aluminum components
- Steam condensate collection and drainage system
- Adjustable nozzle groups with four-axis positioning system
- Precision steam pressure adjustment via needle valves
- Eight insulated inspection doors for improved process visibility
- Consistent and repeatable shrink application performance
- Operating pressure of 0.5 bar with operating temperatures between 110–140 °C depending on container specifications
- Integrated safety valve for sudden pressure increases
- Exhaust fan system at tunnel entry and exit to reduce steam dispersion into the production area
- Independently adjustable steam zones
- Integrated PID temperature control system
- Steam heating system designed to minimize condensation and improve bottle dryness at tunnel exit
- Optional conveyor integration according to customer requirements

Technical Specifications

Dimensions (L × W × H)	1000 × 3300 × 2300 mm
Weight	500 kg
Power Supply	1 Phase / 220 V / 50–60 Hz
Installed Power	0,75 kW
Air Consumption	-
Steam Pressure / Consumption	4–10 bar / 60–90 kg/h
Production Capacity	Up to 300 bpm*