



PST

Poultry Shrink Tunnel



innovative · reliable · leading

poly-clip[®]
SYSTEM

- Automatic throughput tunnel for continuous shrinking processes
- For all products packed in shrink bags
- For snug, aesthetically attractive packaging
- Especially suitable for packing poultry

Applications

The PST Poultry Shrink Tunnel was specifically designed for whole chicken, ducks, geese as well as poultry parts packed in shrink bags. This efficient type of packing is very aesthetically appealing and stands out from others thanks to the high tear and puncture resistance of the plastic films used.

Advantages

- For shrinking of continuously fed-in packaging after vacuum packaging, thermoforming and tubular bag machines
- Firm, air-tight and hygienic packaging
- Integrated mesh belt (stainless steel) for safe, continuous product transport
- Lost steam as efficient heating source
- Adjustable, fully-automatic control regulates the water level and the temperature
- Completely insulated for optimum thermal efficiency
- Integrated vapour extractor for the steam which arises
- Completely made of stainless steel
- Hygienic design for fast and easy cleaning
- Easy to service



The vacuum products are continuously conveyed into the shrink tunnel on the conveyor belt.

Optional equipment

- MCS Modular Conveyor Systems for delivering and removing the products, individual adjustment to the production operations
- Electrical heating
- Frequency converter for smooth adjustment of the transport speed
- Extra-large machine version (1,900 mm) for heavy products or a high product throughput

Function and operation

Due to the continually working mesh belt, the individual products packed in shrink bags are conveyed through the shrink tunnel PST. The input and output are equipped with lamellae curtains, meaning that the heat of the steam can be used in the most energy-efficient manner as possible. The temperature of the steam can be individually adjusted to the particular product (up to 98 °C). The steam makes the film shrink uniformly, free from creases while using the minimum amount of heat and energy necessary.

Combinability

VAC – is ideally suited to evacuate the air from the shrink bags (creates a vacuum) and in combination with clipping machines of the Easy Clip Line® securely close the bags with a clip

Technical data

Width:	1,500 mm
Depth:	850 mm
Height:	2,300 mm
Weight:	ca. 680 kg
Three-phase current connection:	200-230 VAC, 380-460 VAC, 50 Hz
Power input:	9 kW
Fuse connection:	20 A