

# RBEW1940

Tunnel heat shrink machine with continuous conveyor belt

Closed tunnel heat shrink machine designed for the uniform heating of heat shrink tubes, wiring harnesses and components that require a continuous conveyor processing cycle. The structure uses infrared heating, dual temperature control and a high-temperature resistant Teflon mesh conveyor belt, making it suitable for repetitive production processes requiring thermal consistency and high-quality finished appearance



### Uniform heating

Heating with infrared tubes and centrifugal ventilation to distribute heat evenly inside the chamber.

### Continuous production

High temperature Teflon mesh belt, with adjustable feed from 0 to 6 m/min for in-line integration.

### Double temperature control

System with two thermal control groups and double-sided heating, useful for greater process uniformity.

### Typical applications

Heat shrinking and heat treatment of wiring, heat shrink tubing, films, circuit boards, and small electronic components.

## Functional description

The RBEW1940 is a continuous heating tunnel machine, in which products advance automatically on the conveyor belt during the shrinking process. The manufacturer specifies a high-speed centrifugal fan to mix the hot air and maintain a constant temperature in the chamber. Simultaneous heating of the product helps reduce the risk of warping or discoloration after the heat cycle.

## Technical data

Parametro	Valore
Commercial model	RBEW1940
Category	Tunnel machine for heat shrinking
Machine dimensions	H1600 x W700 x D1200
Useful heating space	H1000 x W360 x D100
Heating length	320 mm
Conveyor belt material	High temperature resistant Teflon mesh
Working temperature	0 - 260 C
Voltage	380V / 220V 50Hz
Power	7.2 kW / 4.5 kW
Machine weight	100 kg
Transport speed	0 - 6 m/min
Transport capacity	20 kg
Heating method	Two sets of temperature control
Heating element	Far infrared tube

## Construction and operational features

- High-speed centrifugal fan for uniform heat circulation in the chamber.
- Heating tubes installed on multiple sides for simultaneous product heating.
- Teflon mesh belt for continuous in-line operation.
- Freely adjustable temperature and speed to accommodate different materials and shrink times.
- Compact welded structure, available in configurations that can be connected to the production line.

## Applications

Suitable for heat shrink tubing on wiring harnesses, heat shrink films, printed circuit boards, inductors and other small to medium-sized electronic components or assemblies that require uniform heating and process continuity.