



Beltrotherm

DRYING AFTER FULL SURFACE SCREEN PRINTING
HORIZONTALLY OR VERTICALLY



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FOR MANY YEARS, PROVEN, UNIVERSALLY APPLICABLE

Full surface screen printing

Horizontal screen printed liquid coatings are manually or automatically fed to the pre-dryer BELTRO THERM. Depending on the required drying program evaporation and drying of the ink is made to the adhesive-free further processing.

After double-sided screen printing the printed circuit board or substrate is transported on V-belt transport contact free and driven both sides at the same time through the evaporation and drying zone and dried very precisely.

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Technical Information Beltrotherm

- Working widths: 610 mm / 24" or 760 mm / 30"
- Belt speed: adjustable
- Tack drying soldermask: 0,5 - 50,0 m/min.
- Curing soldermask: 0,2 - 2,0 m/min.
- Curing paste: 0,5 - 5,0 m/min.
- Temperature range: RT - 250°C
- Electrical connection: 400 V 3/N/PE 50 Hz
- Connecting power per module: 9,3 kW / 18,6 kW
- Working power per module: 4,6 kW / 9,3 kW
- Supply air, exhaust air per Module 100 - 300 m³/h
- Module length: 1000 mm
- Module width: 1000 mm
- Module height: 1200 mm
- Available modules:
 - tranquilizers module
 - Abdunstmodul
 - heating module
 - cooling module
 - Inlet / outlet, various
 - PLC control: In the mobile console with touch-screen screen

The Thermo-Dryer BELTROTHERM are used successfully in:
printing industry, electronic industry, plastic industry, textile industry, packaging industry,
automotive industry and glass industry.

These are just a few examples from the various partner portfolio of Beltron.