



# Beltrotherm

DRYING OF PRINTED ELECTRONICS AND MEMBRAN SWITCHES



## BELTROTERM

PERFECT FIT FOR ALL SCREEN PRINTING MACHINES, FLEXIBLE FOR ALL PROCESSES!

### The BELTROTERM continuous belt dryer

particularly suitable for the drying of metal paste and isolation materials used in the production of printed electronics. The long-wave infrared radiation in combination with the convection air heat drying metallic pastes from inside to outside, thereby avoiding skin formation on the surface. Low resistance values of the tracks can be achieved already after one pass. On flat conveyor belt also thin films and substrates are transported safely through the heating zones. Process times of a few minutes secure a cost-effective process.

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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 m<sup>3</sup>/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.*