



Compatible
[SMARTBOX]
 <PROCESS TRACKER>



MTX-450

FEATURES

The MTX-450 Vertical Oven is a high-capacity thermal processing solution designed for larger PCBs, combining space-saving vertical design with precise temperature control and reliable automation.

Vertical system with 60 layers for high throughput
 8 heating modules (4×2) for consistent heat distribution
 Temperature range: up to 200°C
 High precision: $\pm 1^\circ\text{C}$ control, $\leq \pm 2^\circ\text{C}$ uniformity
 Fast cycle time: from 35 seconds per PCB & pallet
 Servo-driven lifting system for smooth, accurate handling
 Optional Nitrogen (N_2) and cleanroom configuration

Capacity & Handling

Max PCB size: 400 × 450 mm
 Product weight: up to 3 kg per layer
 Component height: up to 25 mm
 Inline entrance & exit conveyors
 Manual or automatic rail width adjustment

Technical Specs

Dimensions: 2200 × 2230 × 2160 mm
 Weight: ~1800 kg
 Heating power: 64 KW (8 × 8 KW)
 Conveyor height: 900 ± 30 mm

Dimension(mm)	L2200*W2230*H2160
Weight	Approx.1800kg
Max. PCB size	L400*W450 mm
PCB process edge	5mm
Conveyor height	900±30mm
Lifting system	Servo motor
Heating system	4*2=8 heating modules
Min. width	90mm
Number of layers	60 layers
Min. output	35s/PCB & pallet
Rail width adjustment	Manual or Automatic

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FACTORYCENTER
BARCELONA

Ctra. C-31, 148,4. Masia Les Planes, 20.
Camí de Les Planes. 08880 Cubelles,
Barcelona. Spain
administrative@mstechcorp.eu

BUSINESSCENTER

sales@mstechcorp.eu
services@mstechcorp.eu


