



Compatible

[SMARTBOX]

<PROCESS TRACKER>



MTU-350

The MTU-350 is a high-performance wave soldering machine designed for precise, stable, and efficient PCB assembly. Featuring advanced heating technology, dual-wave soldering, and intelligent control systems, it ensures consistent, high-quality solder joints while optimizing production throughput.

Applications

Ideal for through-hole and mixed-technology PCB assembly in:

- Consumer electronics
- Automotive electronics
- Industrial electronics manufacturing
- EMS and high-volume production lines

FEATURES

- Dual wave system: laminar + dancer for optimal solder quality
- High-precision temperature control ($\pm 1^\circ\text{C}$) for stable processes
- 4-zone preheating system (1800 mm) with hot air convection
- Supports PCB widths from 50 to 350 mm
- PLC + PC control with automatic alarms and scheduling
- Automatic flux spraying system with adjustable flow rate
- Automatic finger cleaning system with recyclable solution
- Energy-efficient operation with matrix heating (up to 95% efficiency)
- SMEMA interface for easy line integration

PCB width	Max.50~350mm
Solder pot capacity	Approx. 500kg
Dimension	4500*1450*1730mm
Air supply	4~7KG/CM2
Interface	SMEMA
PCB convey height	750±50mm
Wave adjustable height	0-18mm
Wave types	Laminar and dancer
Conveying direction	Left to right
Electricity supply	3P 5 wires 380V/3P 220V
Rail parallelism	Width adjusting accuracy less than 0.2mm

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