

Automated PCB Wave Soldering Machine

This automated machine is designed for high-throughput printed circuit board (PCB) assembly. It features a conveyor system, flux application module, preheating zone, solder wave application, and cooling section, suitable for soldering both through-hole and surface mount devices.



Overview

High-Efficiency PCB Assembly

This automated wave soldering machine is engineered for high-throughput printed circuit board assembly. It integrates a complete process chain including flux application, precise preheating, controlled solder wave application, and a final cooling stage. Designed for both through-hole and surface mount technology (SMT), the system features fully adjustable parameters for optimal soldering quality.

Technical Specifications

Process Modules

- Automated conveyor system
- Flux application module
- Preheating zone
- Solder wave application
- Cooling section

Component Compatibility

Through-hole components • Surface mount devices (SMD)

Adjustable Parameters

Wave height, Conveyor speed, Temperature profiles

Safety & Environment

Enclosed design for enhanced operator safety and precise internal temperature regulation.