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## Small Double-wave Soldering Machine | Structure

We always adhere to the real product display



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From the View of Practicability

# 9 Core Practical Performance

01 Ensuring Safe and Secure Production

02 Reasonable Price & Cost Savings

03 Excellent quality is trustworthy

04 Convenient Maintenance

05 Free Training

06 Easy Operation

07 Special Guidance for Installation and Debugging

08 Low failure rate and less maintenance

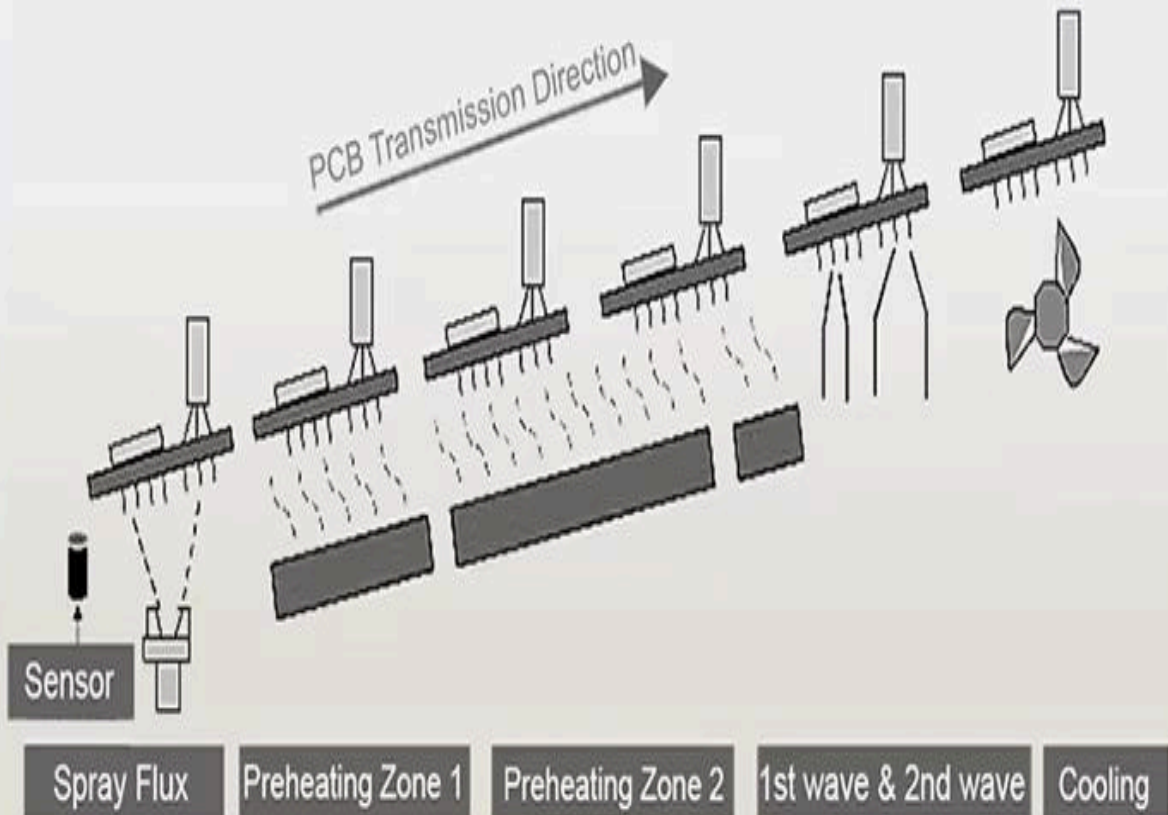
09 After-sales service is guaranteed

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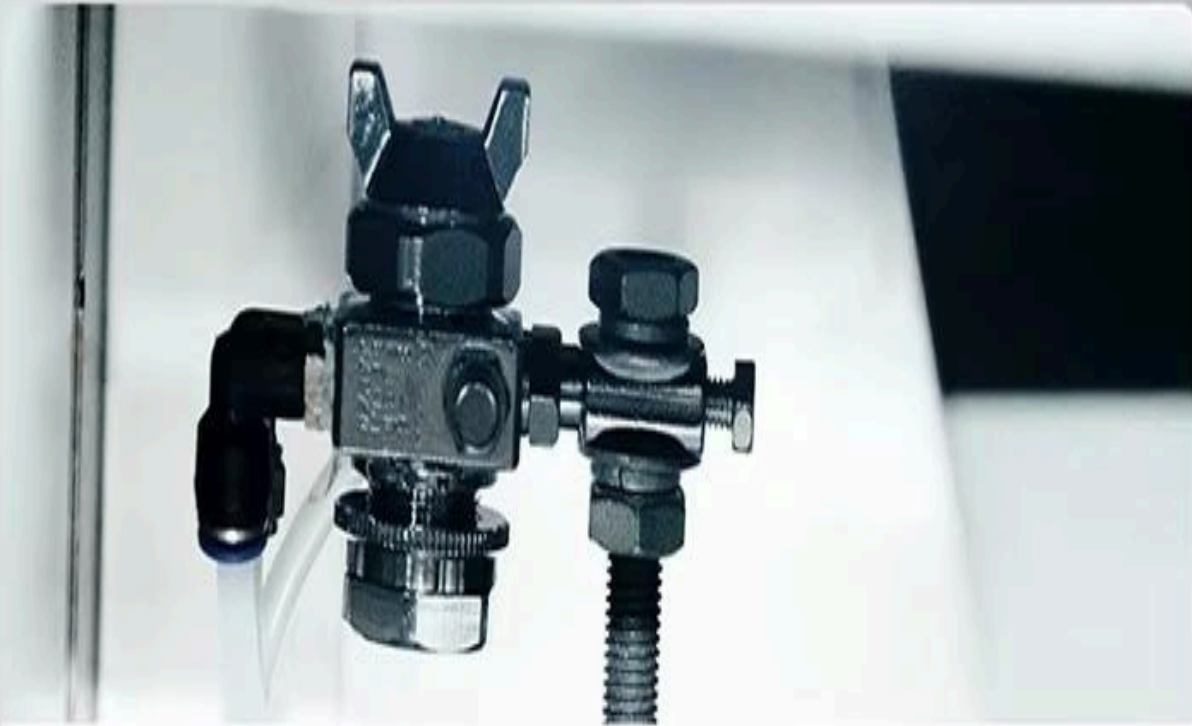


Elaborate Work Guarantees High-level Quality

## Working Process



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## Adding Welding flux here

The nozzle is spraying back and forth along the starting position of the fixture at a uniform speed, so that the exposed pad surface of the circuit board, the surface of the welding pad through holes and the pin surface of components are evenly coated with a thin layer of flux.

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## Preheating Zone

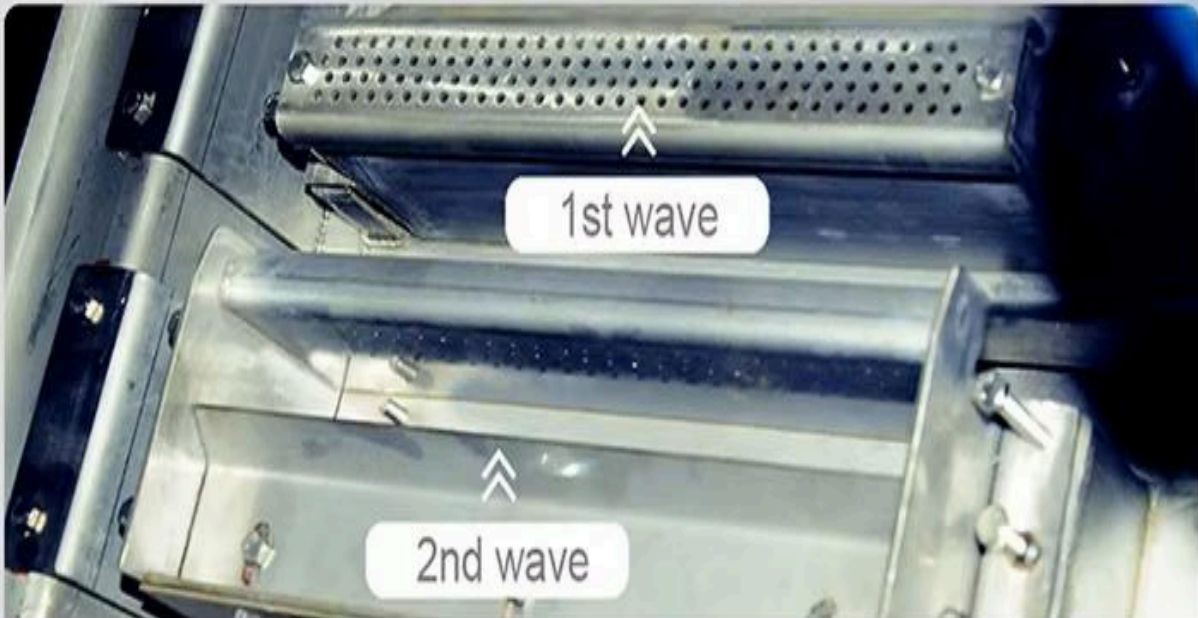
The total length of the 2-stage infrared preheating zone is 600mm;

Adopting wind and heat integrated heating module;

The edge-to-edge convection circulation method is used to make the PCB and components heat evenly, avoiding the "shadow effect" of the infrared heating tube;

The soldered portion of the PCB is heated to the wetting temperature; at the same time, due to the increasing temperature of the component, a large thermal shock is avoided when the molten solder immersed in.

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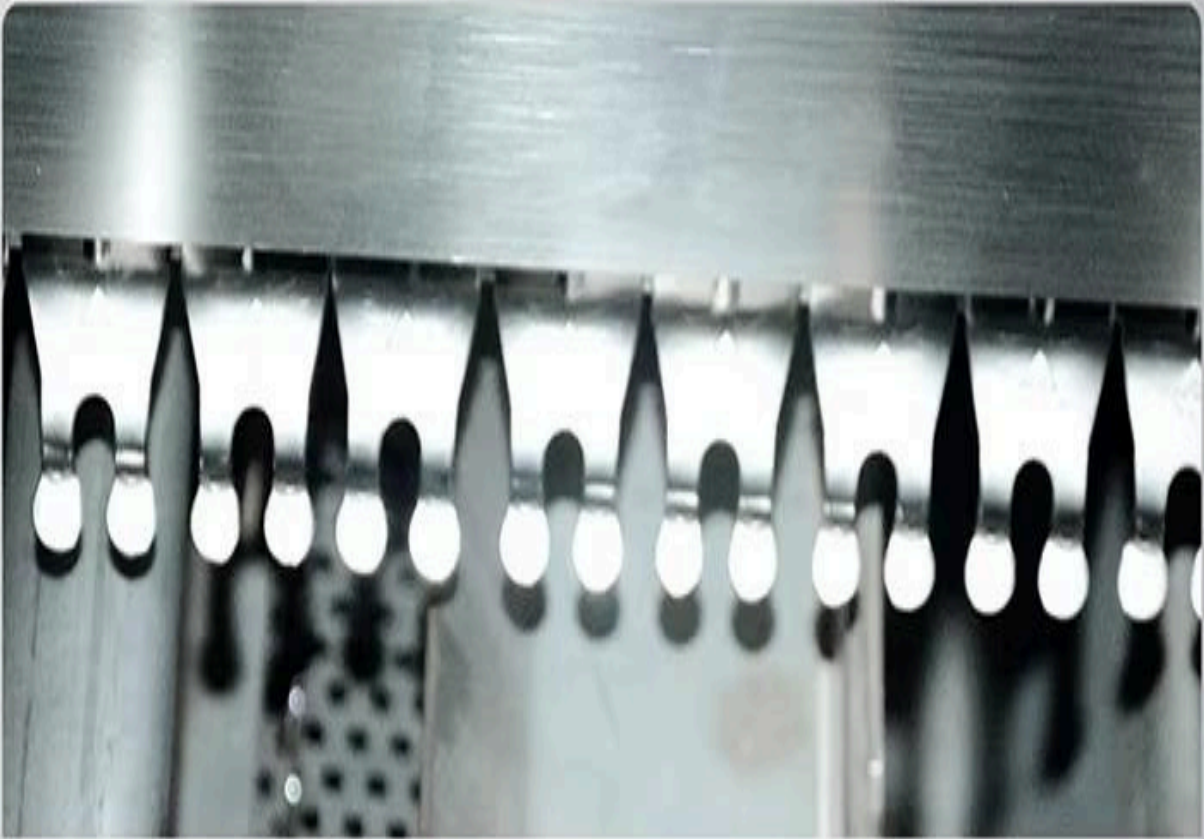


## Welding Area

The first wave peak is the narrow nozzle "turbulence", the velocity is fast, has the good permeability to the weld site which has the shadow. At the same time, the upward jet force of turbulent wave makes flux gas eliminated smoothly, which greatly reduces the defects of welding leakage and insufficient vertical filling.

The second wave peak is a "smooth" solder flow with a slower speed, which can effectively remove excess solder at the terminals, make all welding surfaces well wetted, and adequately correct the tension and bridge caused by the first wave peak.

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## Alloy Chain Claw

Special alloy transportation chain claws which is non-stick tin, never deformed, long life, stable conveying, ensuring the welding quality of PCB board.

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## Cooling Zone

The powerful cooling system delivers strong cold air to the cooling zone, greatly increasing the cooling rate and effectively meeting various lead-free processes.

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## Chain

The chain adopts automatic tensioning device to make the chain run smoothly;  
Screw is used to adjust the track width.

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# WELDING EFFECT DIAGRAM

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# Applications

Years of industry experience, just order  
without any doubt

