

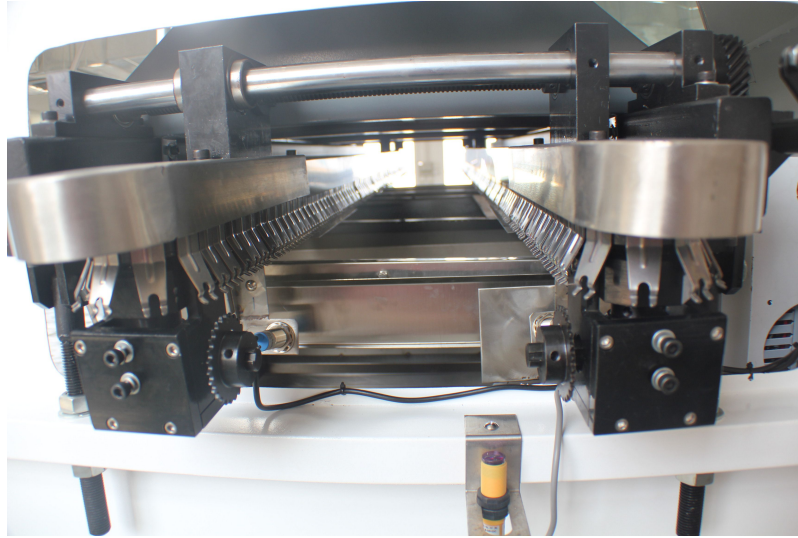
# S-WS250 Wave Soldering Machine



## Product Characters:

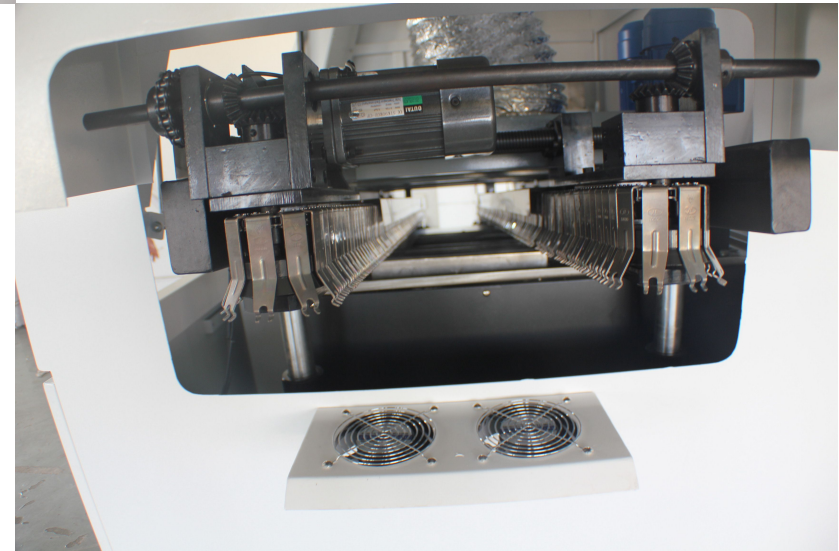
1. Suitable for the welding device of **long legs** and **SMD, SMC components**
2. **Lead-free soldering process**, accord with the requirement of environmental protection industry to reduce pollution
3. Directly pull out of the preheating zone of the module design and filter system, convenient maintenance
4. Lengthening preheating zone and preheating curve smoothly, ensure the PCB uniform heat, not deformation
5. **Intelligent automatic tracking spray system**, the area of the spray along with the PCB evenly heat, not deformation
6. With speed automatic tracking program
7. With **flux nozzle automatic cleaning device**, use for a long time, without cleaning
8. Furnace adopts the **XT special structural design**, can save electricity and reduce oxygen cargo
9. Guide rail USES the **XT unique design**, can greatly reduce the thermal deformation, can guarantee the PCB is complete, welding and transport
10. The stepless frequency conversion technology, precise control wave height
11. All motor is equipped with **overload protection system**
12. Precision titanium alloy elastic titanium claws, transportation, PCB, stable and reliable and never adhered tin
13. The whole control system adopts **three ling series PLC and touch screen**
14. Furnace and nozzle uses the XT unique design, two tin bath outside heating type to prevent tin explosion and decrease the oxidation

## Product Details:

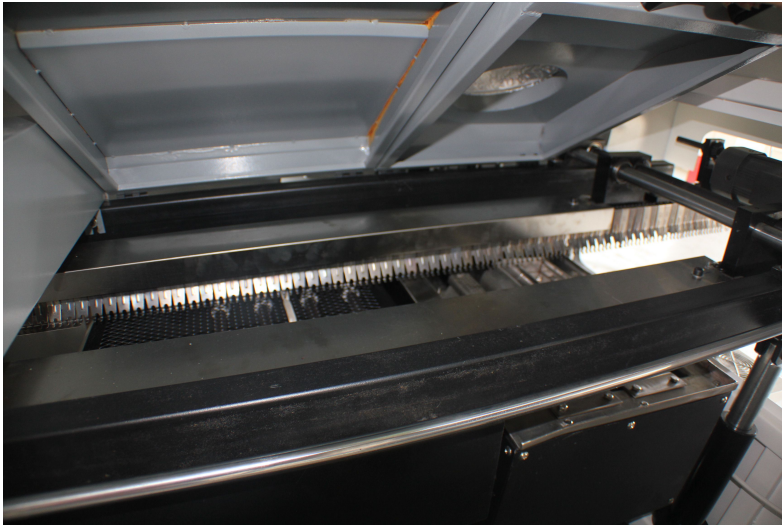


1. Input device: Corrosion resistant, not deformation of titanium claws

2. Output device: Centrifugal fan cooling temperature can reach below 30 °C, can obviously improve the lead-free solder eutectic generated when the cavitation and solder stripping problem.

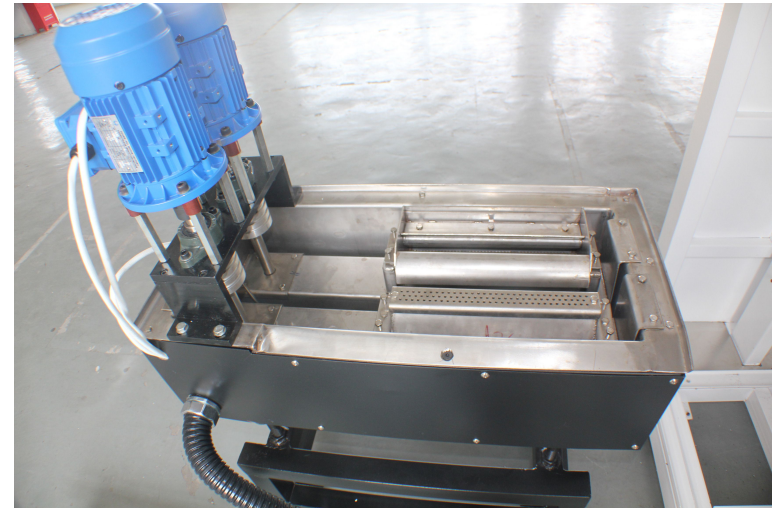




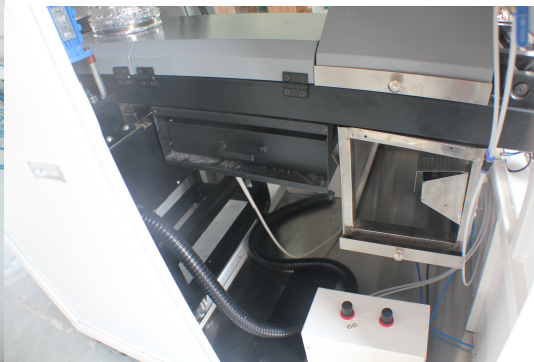


3. Conveyor part: Guarantee the PCB is complete, welding and transport

5. Dual wave and solder pot



4. Easy clean solder recovery system

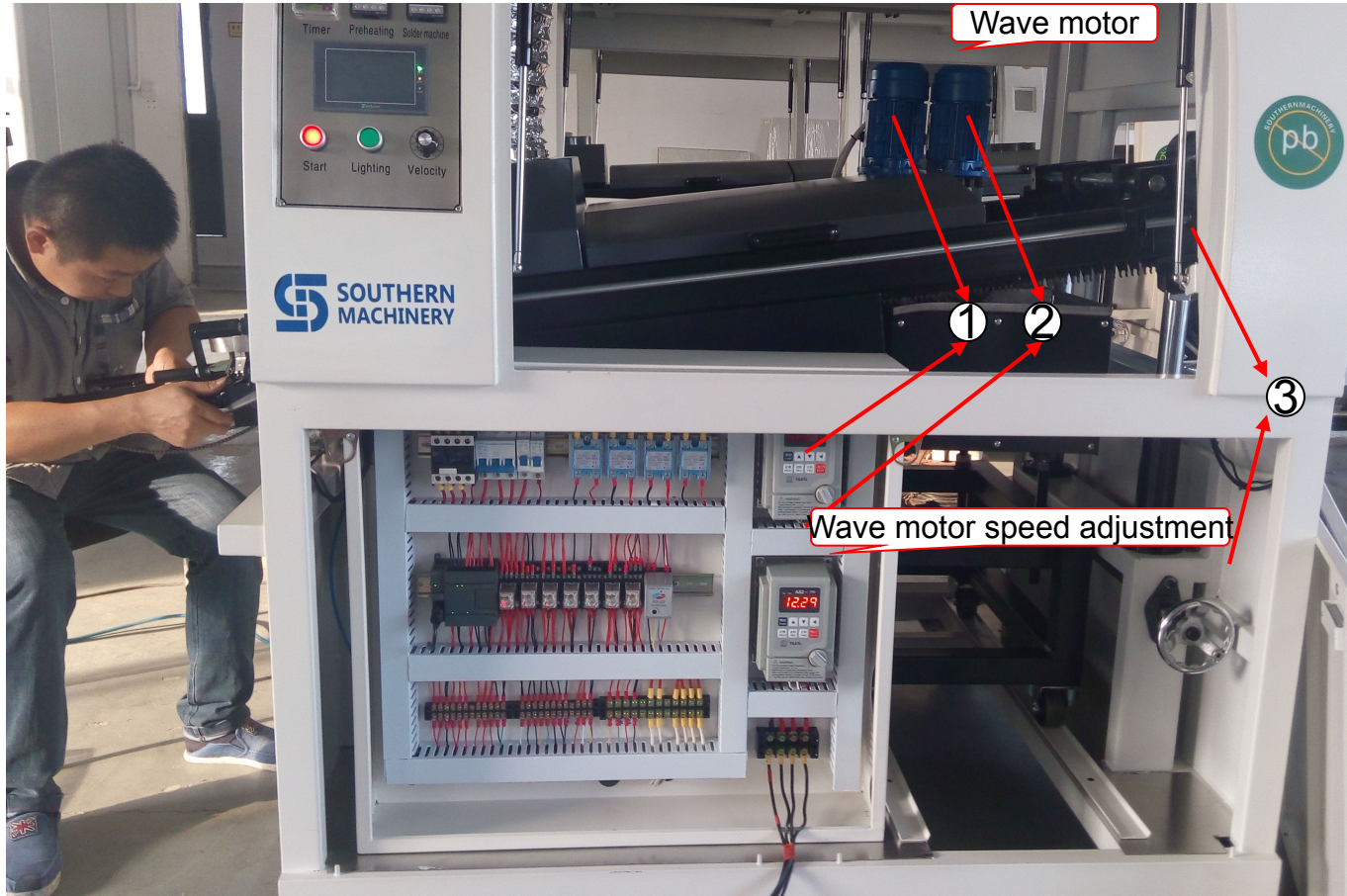






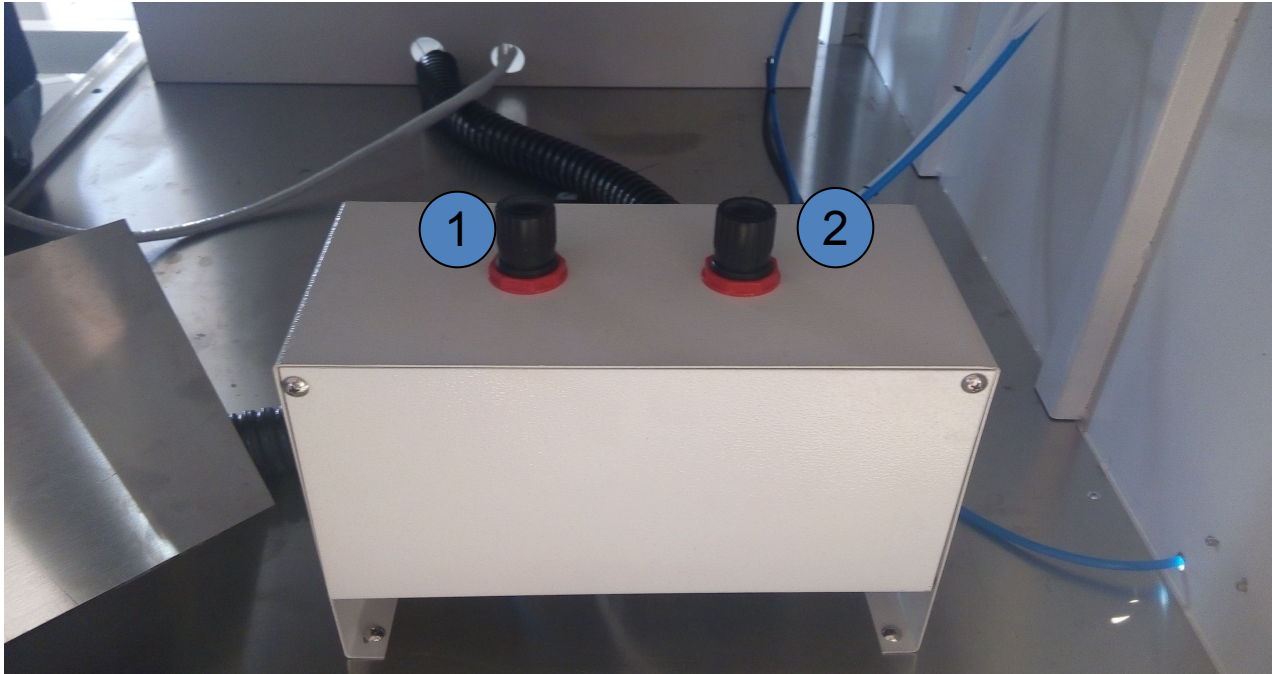
Specifications	
PCB Size	Max.50~200mm
Conveyor height	750±50mm
Conveyor speed	0~1.8M / Min
Conveyor Angle	3~7° (adjustable)
Conveyor direction	L->R
Component height	Max.100mm
Pre-heating zone	600mm
Solder pot wave	2
Pre-heating power	3kw
Pre-heating zone temp	room temperature--250°C
Cooling zone	1 Fan cooling
Solder pot power	6kw
Solder pot capacity	Approx.200KG
Solder pot temperature	room temperature--300°C±1-2°C
Control method	P.I.D+SSR
System Control	PLC + Touch Screen Control
Flux capacity	Max5 · 2L
Spray Fluxer	ST-6 Spray
Power Supply	3P 380V AC
Total Power	max.9kw
Normal working power	Approx.1.5kw
Air Pressure	4~7KG/CM2
Overall Dimensions	L2100×W1200×H1400MM
Machine Weight	Approx.400kg

## More details



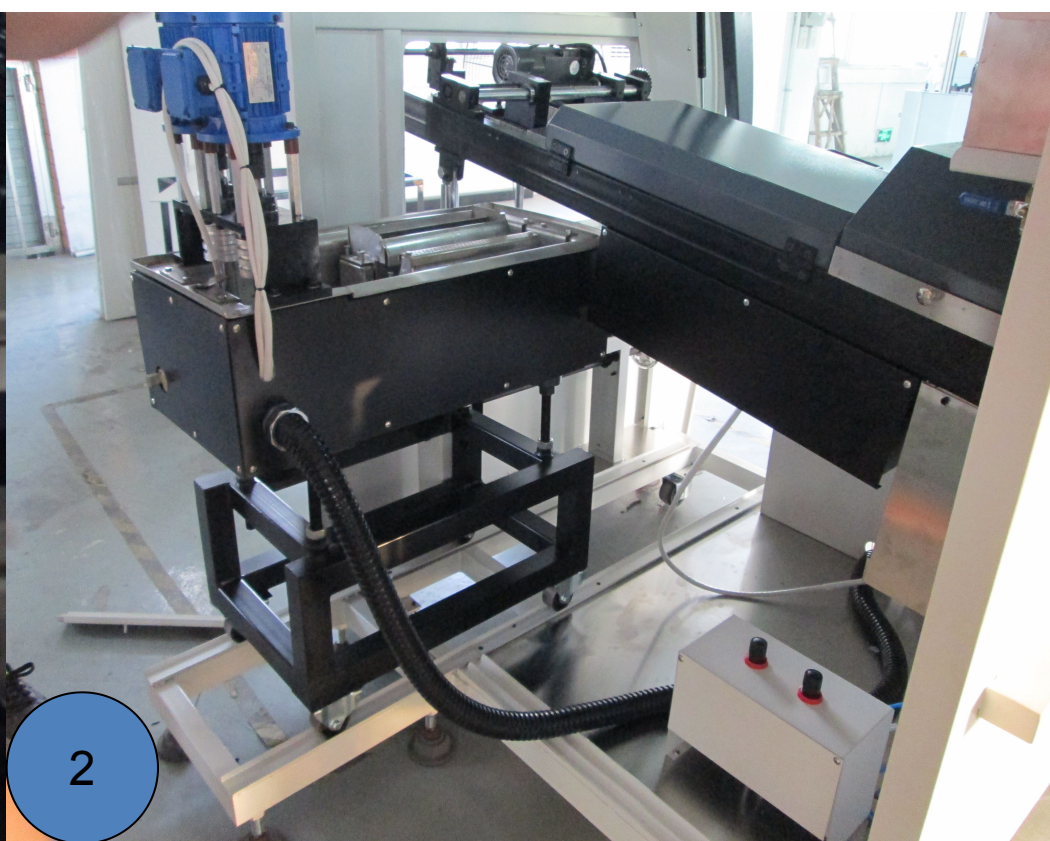
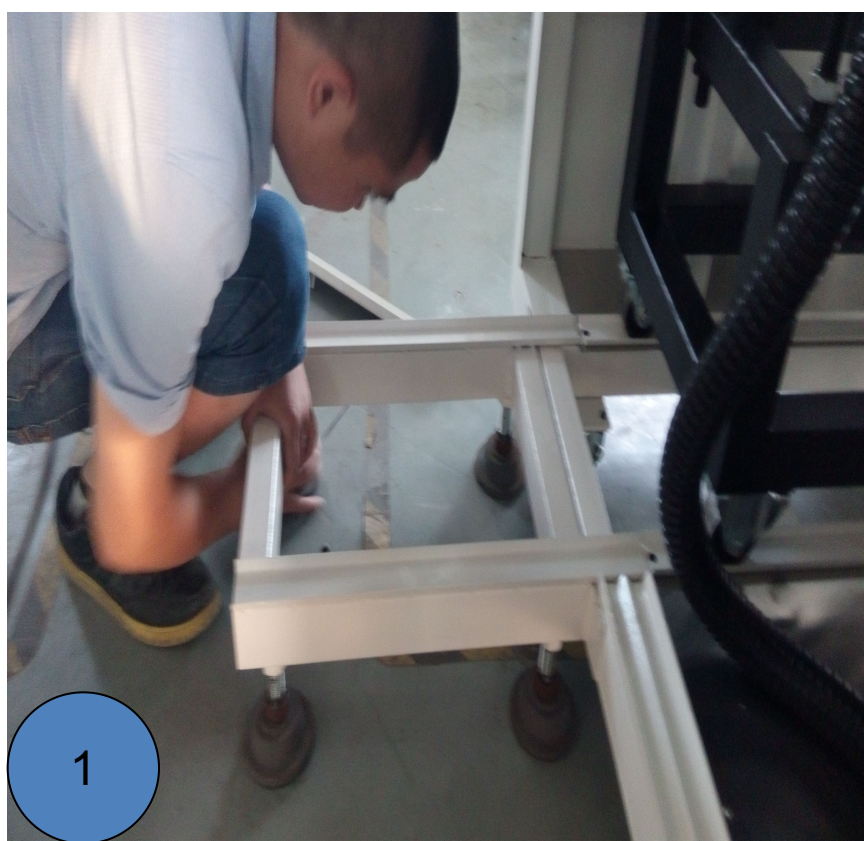
- ① The first wave of speed control
- ② The second wave of speed control
- ③ The chain height adjustment





- 1 Adjustm rosin spraying gas size
- 2.Adjust the rosin spraying moving orbit to expanding size





1 place orbital plane of the stove  
2 move tin stove for maintenance.

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