

JAGUAR N350 Lead Free Wave Soldering Machine



Specification:

Model No.	JAGUAR N350
Number of pre-heaters	3

Pre-heater passage	1600mm
Body size	3300(L)*1420(W)*1750(H)
Outside dimension	3900(L)*1420(W)*1750(H)
Weight	1300KG
Total/Steady Consumption	24KW/6-8KW
Air Supply	0.5MPa
Preheating Style	Hot air
Preheater Consumption	220V 8KW
Control Method	PC +PLC
Range of Temp. Set-point	Room Temperature---300°C
Preheating Time	About 10-15mins for Setting 150°C
Solder Application	Lead-free/
Solder Pot Capacity	320KG
Solder Pot Temperature	300°C
Solder Pot Consumption	380V 12KW
Solder Temp. Control Method	PID&SSR
Wave Motor Consumption	250Wx2pcs 220V
Solder Melting	About 120mins for Setting 250°C
PCB Width	50-350mm
Conveyor Speed	300-2000mm/min
Conveyor Direction	L→R (R→L optional)
Solder Angel	4-7 °
Flux Pressure	3-5 Bar
Flux Capacity	6.5L

Introduction:

1. Energy-saving, lead-free application, meet with environmental protection requirement and user friendly designed
2. Automatic power system, inverter control, automatic board in-load feature.
3. Flux sprayer using transverse Japanese spray nozzle and **driving by stepper motor, spray range is selective**, PLC controlled, accurate and reliable.
4. **Flux recovery container drawer design, easy to clean.**
5. **Conveyor equipped 3 width adjustable screws, the conveyor transmission is more stable, no PCB falling risk.**
6. Titanium solder fingers, high strengthened double v-groove with tin resistant
7. PID close loop controlled hot air pre-heaters, preheating system uses three independent temperature control so as to ensure the excellent heat preservation, temperature uniformity, temperature accuracy in $\pm 2^{\circ}\text{C}$.
8. Pre-heat passage modular design, environmental protection and safety, convenient for cleanup.
9. Solder motor adopts imported high frequency conversion motor with independent control, stable performance.
8. **Solder pot's impeller material is cast iron, never corrode, solder pot with oxidation jacket, low solder dross**
11. Timer startup feature for solder pot, solder melted in within 90 minutes.
12. Automatic finger cleaner equipped.
13. With black box memory function, the machine can always store the SPC data, improve work efficiency.
14. Intelligent monitoring and alarm system ensure the stable performance and operators' safety.