

Wave Soldering Machine

(LEAD FREE)

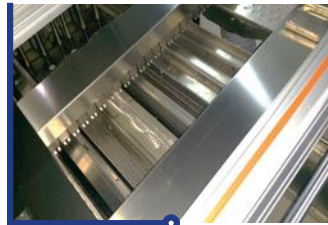
The model **GTSS-WAVE-45** can be configured with dual waves to accommodate through-hole, surface mount and mixed-technology assemblies. The chip wave can be deactivated through the user interface for non-SMT applications, although the addition of the oscillating wave option will allow the chip wave to aid in hole fill and bridge reduction for difficult-to-solder boards of all technologies.



FEATURES



Versatility for any wave soldering application



Dual wave solder pot (Full Ti-alloy)



Solder pot inlet / outlet by motorized



Ultrasonic sprayer



Hot air preheating zone with 1800mm length



Titanium finger conveyor includes motorized width adjustment and PC software control




Nitrogen system for wave soldering




Tunel de N2 (Nitrógeno) en el área del Pot (olla)


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SPECIFICATIONS

Model	GTSS-Wave-45
Dimension (L*W*H) mm	4430*1620*1710
Weight (kg)	2300
Power supply	3P5W, 380/220 V, 50/60 Hz 63 A
Startup power	26 kw
Operation power consumption	12 kw
Control system	Siemens PLC+Computer
Transmission method	Stepping motor
Sprayer nozzle	Japan ST-6
Spray pressure	0.25 MPa - 0.4 Mpa
FLUX flow arrange	10-100 ml/min
FLUX supply	Automatic
Exhaust capacity	25 M ³ /min
Preheating method	Hot air
Control mode	PID+SSR
Preheating zones	Length: 1800 mm Room Temperature -250°C
Warming up time	15 minutes (setting 150°C)
PCB Width (L*W) mm	Min: 80*60; Max:500*450
PCB Conveyor direction	L→R / R→L (optional)
PCB Conveyor height (mm)	750+/-20
Conveyor speed (mm/min)	0-2000
Available components height (mm)	Top: 120 mm (160mm Optional) Down: 15 mm
Finger	Special Titanium Claw
Rail width control	Automatic
Conveyor angle	4° - 7°
Soldering pot style	Motor drive
Solder pot material	Titanium alloy
Wave	Double wave
Wave height adjust	Digital control by PC
Heater power	380AC 12KW
Solder pot capability	HW-350: Pb-Free 480 kg
Solder pot temeprature	300°C
Solder pot warm-up time	Approx. 180 min (setting 250°C)
Temperature control mode	PID+SSR
Cooling system	Forced air cooling


OPTIONAL

- POKA-YOKE System
- Nitrogen supply tunnel system in solder pot area
- Top IR Quartz lamp preheater has the special function to achieve Smart turn-on and turn-off
- Ultrasonic layer
- Automatic solder bar feeding system with safety solder level alarm system (6 solder bars capability)
- Receipt driven changing spraying width and wave heights automatically
- Heavy duty PCB wire support





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