



Model: WSM 200



ESTOVIR
TECHNOLOGIES

Wave Soldering Machine



Model: ET 350-LF
CARRIER LESS
WAVE SOLDERING
MACHINE

FEATURES :

GENERAL

- Lead Free Soldering
- Dual Wave
- PC / Touch Screen + PLC Control
- Spray Fluxer
- Carrier Less PCB transport with Ti finger
- Power Efficient Design

SOLDER BATH

- High Grade Ti Solder Pot
- Adjustable Wave width for minimum Dross
- Solder pump driven by AC 3 ø Motor
- Wave Height Control through VFD

PRE-HEATER

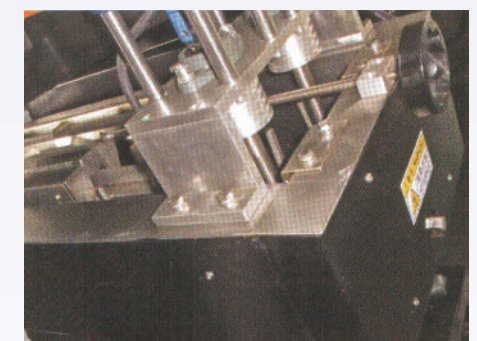
- Hot air convection pre-heater zone

SPRAY FLUXER

- SS construction
- Japanese Nozzle
- Nozzle Movement with German Rod less Cylinder
- Fitted with Air filter, regulator & indicator
- External air supply required

CONVEYOR

- Carrier less Conveyor
- Ti Finger
- Automatic Finger cleaning with Micro pump
- Conveyor motor driven by AC 3 ø Motor
- Conveyor speed control through VFD
- Step-less angle adjustment



Model	WSM 200 (Single wave)	WSM 300 S (Single Wave)	WSM 300 D (Dual Wave)
Features			
GENERAL			
Power Supply	220V AC, 50 Hz 1 Ph, 20 A	440V AC, 50 Hz 3 Ph, 27 A	440V AC, 50 Hz 3 Ph, 42 A
Dimensions (With Conv. Length)	L-2900 W-850 H-1100 mm	L-3500 W-900 H-1800 mm	L-3500 W-900 H-1800 mm
Weight	180 Kg	320 Kg	380 Kg
Construction	Table Top	Floor Model	Floor Model
SOLDER BATH			
Wave Width	200 mm	300 mm	300 mm
Solder Bath Capacity	95 Kg	115 Kg	115 x2=230Kg
Max. Wave Height	0-8mm	0-8mm	0-8mm
Warm up Time .)	60 min	70 min	70 min
Solder Bath Power	2.4 Kw	3.0 Kw	3.0x2=6.0Kw
FLUXER			
Flux Capacity	3 Ltr	4 Ltr.	4 Ltr.
Air Consumption	3.5 cfm (30PSI)	4.0 cfm (30 PSI)	4.0 cfm (30 PSI)
CONVEYOR			
Conveyor Speer	0-2.5 M/min	0-2.5 M/min	0-2.5 M/min
Conveyor Angle	5,6,7 degree In steps	4-10 degrees step-less	4-10 degrees step-less
PRE-HEATER			
Pre Heater Length	800 mm	900 mm	900 mm
Pre Heater Power	2.0 KW	3.0 KW	3.0 KW

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ESTOVIR TECHNOLOGIES

We are available at :

Delhi, Chandigarh, Bangalore, Pune

Model: ET 220-LF



Model: WSM 300D
CARRIER TYPE
WAVE SOLDERING
MACHINE



FEATURES :

GENERAL

- Available in Lead Free Version
- Choice of Single or Dual Wave
- Independent Controllers
- Power Efficient Design

SOLDER BATH

- High Grade SS Solder Pot
- Solder pump driven by AC 3 ø Motor
- Wave Height Control through VFD
- PID controller for accurate temperature control
- Interval sensor with Digital Timer

PRE-HEATER

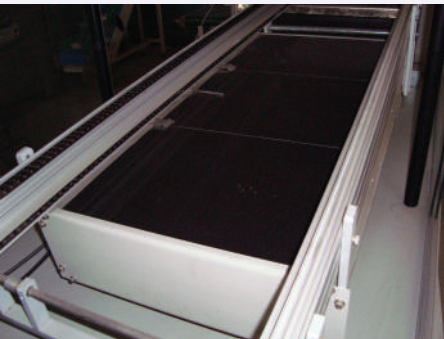
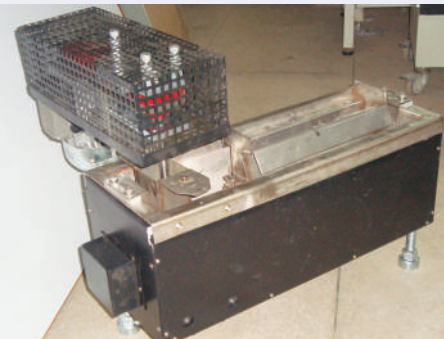
- Ceramic Glass top for high efficiency transfer
- PID controller for accurate temperature control

FOAM FLUXER WITH AIR KNIFE

- High Grade SS construction
- Special Plastic Foaming Tube
- Interval sensor with Digital Timer
- Fitted with Air filter, regulator & indicator
- External air supply required

CONVEYOR

- Chain Type Conveyor
- High Grade aluminium profile
- Solder pump driven by AC 3 ø Motor
- Wave Height Control through VFD
- Step less angle adjustment



Model	ET-350-LF	ET-220-LF
Features		
GENERAL		
Power Supply	440V AC, 50 Hz, 3 Ph, 12 KW	440V AC, 50 Hz, 3 Ph, 9 KW
Air Pressure	4-7 Kg/cm Sq	4-7 Kg/cm Sq
Dimensions (With Conv. Length	L-3900 W-1380	L-2100 W-1200
Weight	H-1650 mm	H-1550 mm
Construction	1200 Kg	600 Kg
Control Method	Floor Model	Floor Model
	PC/Touch Screen	PC/Touch Screen
SOLDER BATH		
Wave Width	350 mm	220 mm
Solder Bath Capacity	300 Kg	180 Kg
Max. Wave Height	0-12mm	0-12mm
Warm up Time	75 min	65 min
Solder Bath Power	10.0 KW	6.0 KW
FLUXER		
Flux Capacity	5.2 Ltr	5.2 Ltr.
Flux Flow	10-100 ml/min	10-100 ml/min
CONVEYOR		
Conveyor Speed	0-1.8 M/min	0-1.8 M/min
Conveyor Angle	3-7 degrees step-less	3-7 degrees step-less
PRE-HEATER		
Pre Heater Length	1600 mm	700 mm
Pre Heater Power	9.0 KW	5.0 KW