



Compact wave soldering system with touch screen control & 99 solder programs

The Ersa ETS 330 is an inline double wave soldering system for the processing of SMD and Through-Hole components as well as mixed boards.

Its features include frame conveyor, constant level foam fluxer and flexible preheating system. The basic machine is equipped with a final solder wave. A pre-solder wave for the processing of SMDs can be installed. Due to convenient quick

couplings, the solder nozzles can be quickly and easily removed. The concept of the system permits the customization of the machine to meet the specific requirements of the process.

The state-of-the-art control system comes with a touch screen display, which allows for an intuitive operation of the system. The controller holds up to 99 programs, and additionally incorporates a weekly time clock and a solder pallet counter.

Features Ersa ETS 330

Floor stand, base cabinet type	<input type="checkbox"/>
Constant level foam fluxer	<input checked="" type="checkbox"/>
Spray fluxer "FOCUS"	<input type="checkbox"/>
Excessive flux blow off feature	<input checked="" type="checkbox"/>
Pneumatic service unit	<input checked="" type="checkbox"/>
Medium wave preheaters (2pcs)	<input checked="" type="checkbox"/>
Short wave emitters	<input type="checkbox"/>
Hot air blower	<input type="checkbox"/>
Double wave solder module	<input checked="" type="checkbox"/>
Pre-solder nozzle (SMD wave)	<input type="checkbox"/>
Final solder nozzle	<input checked="" type="checkbox"/>
N ₂ solder bath cover	<input type="checkbox"/>
Solder level monitoring	<input type="checkbox"/>
Manual conveyor angle adjustment	<input checked="" type="checkbox"/>
Cooler after solder module	<input type="checkbox"/>
Touch screen operating terminal	<input checked="" type="checkbox"/>
Extension of the preheat time available through stopping the board of the preheater	<input checked="" type="checkbox"/>
Stand-by operation of solder waves	<input checked="" type="checkbox"/>
7-day time clock	<input checked="" type="checkbox"/>
Interior hood lighting / indication light	<input type="checkbox"/>
Exhaust control / Emergency-Stop button	<input type="checkbox"/>
Infeed and outfeed extension	<input checked="" type="checkbox"/>
Solder frame conveyor, guided on both sides	<input checked="" type="checkbox"/>
Sensor Shuttle	<input type="checkbox"/>

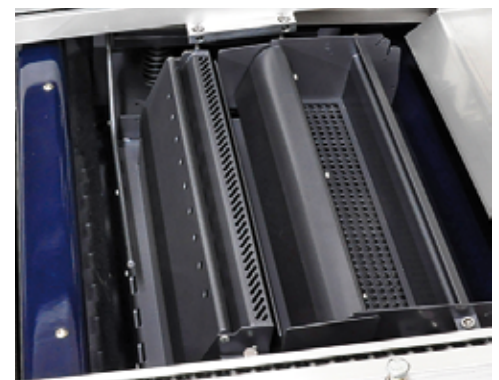
standard / option



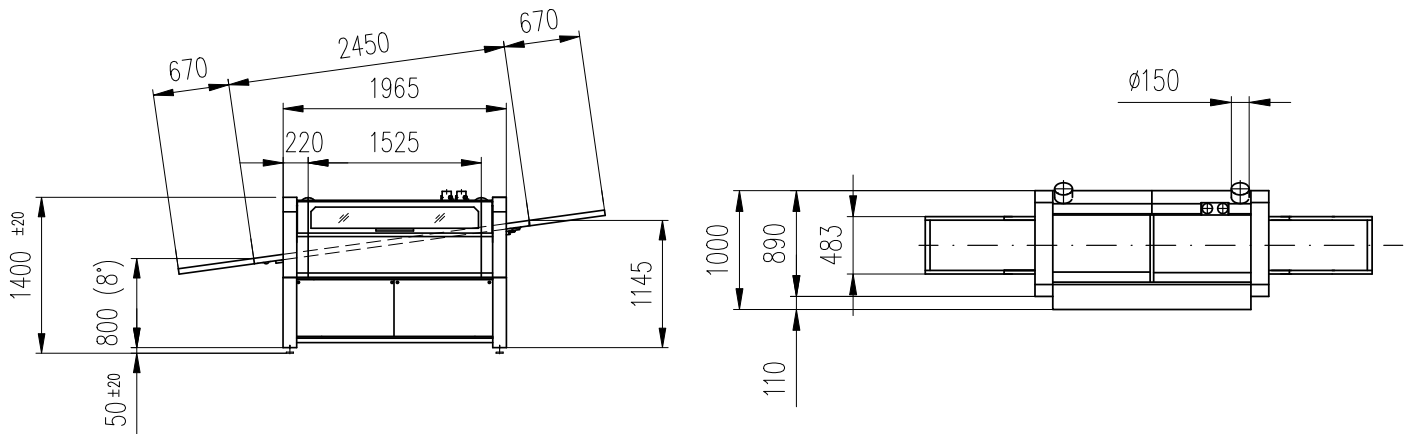
Precision spray fluxer (optional) with blow off device



Short wave preheater cassettes and bright emitter set (option)



Solder module with pre-solder and finishing nozzle



Dimensions:	
Length:	2450 mm (96.5")
Width:	1000 mm (39.4")
Height:	1430 mm (56.3")
Weight:	460 kg (1,013 lb)
Paint:	RAL 7035 / 7016

Conveyor system:	
Working width:	320 mm (12.6")
Conveyor speed:	0,5 - 3,0 m/min (1.6 - 9.8 ft/min)
Conveyor angle adjustment:	4° - 7°
manual	in steps of 0,5

Flux module:	
Constant level foam fluxer	
Flux storage tank:	max. 10l

Preheating module:	
Warm-up time:	approx. 2.5 h
Preheating length:	600 - 800 mm (23.6 - 31.5")

Solder module:	
lead-free double wave solder module	6,2 kW
Capacity: approx.	lead-free alloy approx. 360 kg (739 lb) SnPb 64/36 approx. 410 kg (859 lb)

Control:	
Programmable Logic Controller (PLC)	
99 solder programs	
Touch screen with graphical user interface	
Pallet counter	
Extension of the preheat time available through stopping the board over the preheater	

Electrical data:	
Voltage:	5-wire-system, 3 x 230/400 V, N, PE
Frequency:	50 Hz / 60 Hz available + 6% / - 10%
Nominal rating:	max. 13 - 23 kW
Max. fuse rating:	3 x 50 A

Exhaust rating:	
Min. exhaust volume per stack:	400 m³/h (14,127.7 ft³/h); 800 m³/h (28,251.5 ft³/h) at the spray fluxer
Exhaust stack:	2 x à 150 mm (5.9") ø, 45



State-of-the-art controls with graphical user interface and touch screen