



PCB Full Automatic SMT Mounting Machine Solder Paste Screen Printer 1 Year Warranty

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC
- Model Number: ET-F400
- Minimum Order Quantity: 1 set
- Packaging Details: Wooden case
- Delivery Time: 4 weeks after payment
- Payment Terms: L/C, T/T
- Supply Ability: 50 sets per month



Product Specification

- Name: Stencil Printer
- Brand: ETON
- Warranty: 1 Year
- Application: SMT Production Line
- PCB Min Size: 50X50mm
- PCB Max Size: 400X340mm
- Highlight: **smt pick and place machine, smt pick and place equipment**

Product Description

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SMT

SMT is surface mount technology and is one of the most popular technologies and processes in the electronics assembly industry.

Surface Mount Technology (SMT) is called surface mount or surface mount technology. It is a type of leadless or short lead surface mount component mounted on the surface of a printed circuit board (PCB) or other substrate surface.

A circuit assembly technique in which welding is assembled by reflow or dip soldering.

Stencil printer in SMT line

Solder paste printing machine as the first main process equipment of SMT production line, 60% of the defects come from the printing quality, its importance is self-evident.

ET-F400 Demision

ET-F400 is 1220(L)X1355(W)X1500(H)mm, total weight 1000 kg.

Board Location

The Support System is magnetic Pin/Up-down table adjusted/supportblock by hand

The Clamping System is side clamping,vacuum nozzle

ET-F400 max pcb size is 400*340 mm, min size is 50*50 mm, thickness is 0.4-6 mm, pcb warpage no more than one percent.

PCB location

PCB support system is magnetic pin/up-down table adjust/supportblock. Clamping system is side clamping and vacuum nozzle.

Parameter:

Screen Frames	Min Size	370X370mm
	Max Size	737X737mm
	Thickness	25~40mm
PCB Min Size		50X50mm
PCB Max Size		400X340mm
PCB Thickness		0.4~6mm
PCB Warpage		1%
Transport Height		900±40mm
Transport Direction		Left-Right;Right-Left;Left-Left;Right-Right
Transport Speed		Max 1500mm/S Programmable
Print head		Two independent motorised printheads
Squeegee Speed		6~200mm/sec
Squeegee Pressure		0~15Kg
Squeegee Angle		60°/55°/45°
Squeegee Type		Stainless steel(Standard), plastic
Stencil Separation Speed		0.1~20mm/sec Programmable
Cleaning System		Dry,Wet,Vacuum (Programmable)
Table Adjustment ranges		X:±10mm;Y:±10mm;θ:±2°
Repeat Position Accuracy		±0.01mm
Printing Accuracy		±0.025mm
Cycle Time		<7s (Exclude Printing & Cleaning)
Product Changeover		<5Min
Air Required		4.5~6Kg/cm ²
Power Input		AC:220±10%,50/60HZ 1Φ 3KW
Control Method		PC Control

The future of smt machine

Intelligent application in smt equipment has just begun, and the smt function and detection and analysis functions are organically integrated to improve the level of intelligence. For example, a placement machine equipped with an intelligent system can analyze the root cause of the failure based on the detected abnormal phenomenon (fault). And white correction or give suggestions for improvement.

What is the difference between semiautomatic and automatic line

The most different is the price, in semiautomatic line, stencil printer is cheaper, however automatic stencil printer is very expensive. Besides, in automatic line, there are some other machines, like loader and unloader, also more conveyor.

What should I choose for my product?

If your product required high quality, must building automatic line and use automatic stencil printer, if your product is very big, like flexible strip, I recommend for semiautomatic line.

If you want to know more about smt knowledge and information, please contact Joy:+8613590151025



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