



68 Nozzles SMT Mounter Machine 0.02mm Precision 250000CPH Speed For PCB Assembly

Our Product Introduction

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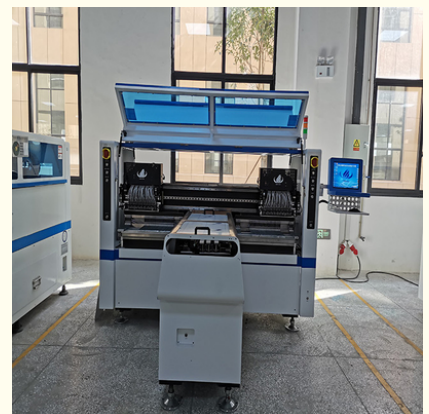
Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE, CCC, SIRA
- Model Number: HT-F9
- Minimum Order Quantity: 1 set
- Packaging Details: vacuum adsorption, wooden packing
- Delivery Time: 30 days after receive the down-payment
- Payment Terms: T/T
- Supply Ability: 50 sets per month

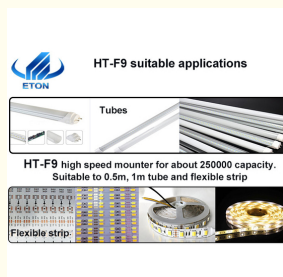


Product Specification

- Warranty: 1 Year
- Applicable Components: 0402
- Name: SMT Pick And Place Machine
- Condition: 100% Original, Brand-new
- Mounting Speed: 40000 CPH
- Feeders: 28
- Application: 1.2m Rigid Pcb And 1m FPCB
- Local Service: India, Egypt, Vietnam
- Highlight: 68 Nozzles SMT Mounter, 0.02mm Precision SMT Mounter Machine, PCB Assembly SMT Mounter CCC



More Images



Product Description

68 Nozzles SMT Mounting Machine with 0.02mm Precision and 250000CPH Speed for PCB Assembly

Technical Parameter

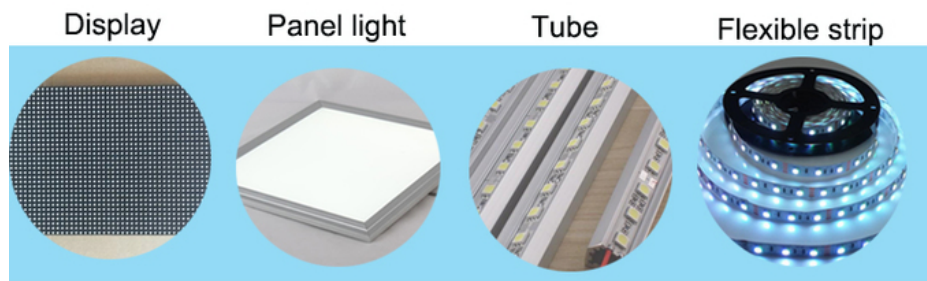
Dimension	Length	2700mm
	Width	2300mm
	Height	1550mm
	Total weight	1700kg
PCB	Length Width	Max:1200*330mm Min:100*100mm
	Thickness	0.5-5mm
	Clamping	Adjustable pressure pneumatic
	Mounting mode	Group to take and group to mount.
Vision system	No.of camera	5 PCS
	Feature of camera	Vision alignment,MARK correction
	Mounting precision	±0.02mm
	Mounting height	≤5mm
	Mounting speed	250000CPH
	Feeder station	68 PCS
	Nozzles	68 PCS
	components	LED3017,3020,3528,5050 and resistor,capacitor,bridge rectifiers.

SMT

Surface mount technology (SMT) is a new generation of electronic assembly technology developed from hybrid integrated circuit technology. It is characterized by surface mounting of components and reflow welding technology. It has become a new generation of assembly technology for electronic products manufacturing. SMT line main equipment: printing machine, SMT machine (upper surface electronic components), reflow welding, plug-in, wave furnace, test packaging. The wide application of SMT promotes the miniaturization and multi-function of electronic products, and provides conditions for mass production and low defect rate production. SMT is surface assembly technology, which is a new generation of electronic assembly technology developed from hybrid integrated circuit technology.

Application production&component

The machine mainly mounting linear produce,such as tubes, flexible strips, panel lights, display screens,etc.



Honor client

ETON with more than 10 years experience in SMT LED manufacturer are our partners in China.



MACHINE LIST

 PICK AND PLACE MACHINE

 SOLDER PASTE STENCIL PRINTER

 CONVEYOR

 LOADER

 UNLOADER

 ETC



General steps of solder paste printing press

1. General steps of solder paste printing press:

1. PCB circuit board is fed into solder paste printing machine along the conveyor belt.

2. The machine looks for the main edge of PCB and locates it.

3. Move Z frame upward to the position of vacuum plate.

4. Add vacuum and firmly fix PCB in specific position.

5. The visual axis (lens) slowly moves to the first target (reference point) of PCB.

6, visual axis (lens) to find the corresponding steel net under the target (reference point).

7, the machine moves the printing screen to align the PCB, the machine can make the printing screen move in the X, Y axis direction and rotate in the θ axis direction.

8, steel mesh and PCB alignment, the Z-shaped frame will move up, driving PCB to contact the bottom of the printing screen.

9. Once moved in place, the scraper will push the solder paste to roll on the mesh board and print on the PAD position of the PCB through the holes on the mesh board.

10. When printing is completed, the Z-shaped frame moves down to drive PCB to separate from the steel mesh.

11. The machine will send the PCB to the next process.

12. The printing press requires to receive the next pcb product to be printed.

13. Do the same process, but print in the opposite direction with a second scraper.

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