



Shenzhen Eton Automation Equipment Co., Ltd.
smtmountingmachine.com

68 heads 250000CPH high speed LED pick and place machine for strip

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC, CE, SIRA
- Model Number: HT-F9
- Minimum Order Quantity: 1 set
- Packaging Details: vacuum package, wooden case
- Delivery Time: 30 days
- Payment Terms: T/T
- Supply Ability: 50 sets/month



Product Specification

- Warranty: 1 Year
- Name: SMT Pick And Place Machine
- Power Supply: 380AC 50HZ
- Condition: 100% Original
- Weight: 1700kg
- Mounting Speed: 250000CPH
- Dimension: 2700*2300*1550mm
- Feeders: 68
- Pcb Thickness: 0.5-5 Mm



More Images



Product Description

Product description

HT-F9, dual arm magnetic linear LED high-speed pick and place machine

1. Exclusive patented technology, group picking and group sticking, saving the time of suction nozzles picking up materials
2. 68 nozzles, 68 feeders, four different materials can be patched at the same time
3. The ideal production capacity can reach 250000CPH
4. X,Y Axis drive by high-end magnetic linear motor and servo motor

Parameter

Product name	pick and place machine
Model	HT-F9
PCB Length&Width	Max:1200*330mm Min:100*100mm
PCB Thickness	0.5-5mm
Software	Window 7
Display	LED touch screen monitor
Repeat Mounting Precision	±0.02mm (Repeat precision)
Mounting Height	≤5mm
Mounting Speed	200000~250000 CPH
Components	LED 3014/ 3020/ 3528/ 5050 and capacitors, resistors, bridge rectifiers, etc.

Explanation of some functions

PCB clamping

The PCB board is fixed by means of adjustable pneumatic pressure, using an air cylinder for fixation. First, the positioning air cylinder works to make the PCB board stop at the set position, and then the side clamp air cylinder works to make the PCB board adhere to the fixed rail edge to ensure that it is perpendicular to the movement direction of the mounting head. Then, the top plate air cylinder works to make the PCB board horizontal, ensuring that the PCB does not move during mounting, and is always parallel to the suction nozzle plane as much as possible. Different PCB boards can be fixed by adjusting the height and position of the ejector pin.

Camera functions

The pick and place machine HT-F9 is equipped with five cameras, each of which is a camera for adjusting the nozzle spacing by photographing the center of the nozzle; Two feeder adjusted cameras adjust the feeder spacing by shooting the center scale line of the feeder seat; A mark camera is used to perform the mounting procedure of the PCB board by scanning the mark point as a reference. The nozzle debugging camera and feeder debugging camera are used for debugging before use, and the mark camera and nozzle debugging camera are used in production.

Applicable PCB board

1. Rigid PCB: F9 can accommodate a PCB board with a length of 1200 * 330mm, and can be used to make rigid boards, such as panel lamps and lamp tubes.
2. Flexible PCB: In addition to hard boards, one of the biggest features of this machine is that it can also make soft boards, such as flexible light strips, which are used for outdoor decoration.

Company

Shenzhen Eton Automation Equipment co., LTD. is a professional manufacturer of pick and place machine. Our company independently research, development, design and manufacturer a set of high -speed good quality SMT pick and place machine. Eton also has its own industrial park in Jiangxi. We are a powerful company with our own R & D production and sales. And we received a number of patents issued by the state certificate and support. Nowadays, we have served many factories and enjoyed good reputation.

SHENZHEN Office



ETON Industrial Park



50,000 square meters

7 buildings

300 employees



assembly line

CNC workshop

Production line Exhibition hall

Our Service

Global Service Office: India·Turkey·Vietnam·Egypt·Pakistan

Professional solutions: Provide professional SMT Full line solutions

Free Warranty: One-year warranty factory service. All parts damaged within the warranty period shall be replaced free of charge

Free Installation: On-site free installation to ensure smooth production.

Free Technical Training: Professional training of operating and maintenance.

Free Technical Support: 7 * 24 technical online support.

Free Software Upgrade: Offer free software upgrade whole lifetime

FAQ

Q1: Will your product be safe to use?

A: Of course, we have imported limit sensors. If someone gets too close, they will stop working to ensure human safety.

Q2: How long is the warranty period for your product?

A: Effective after installation, with a one-year warranty period



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