



0.5-5mm PCB Thickness SMT Mounting Machine With Magnetic Linear Motor / Servo Motor

Our Product Introduction

for more products please visit us on smtmountingmachine.com

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

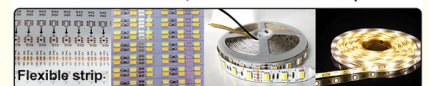
- Warranty: 1 Year
- Applicable Components: 0402
- Condition: 100% Original, Brand-new
- Name: SMT Pick And Place Machine
- Application: SMT Production Line
- Mounting Speed: 250000 CPH
- Type: Automatic
- Feeders: 68pcs
- Highlight: SMT Mounter With Magnetic Linear Motor ,
SMT Mounter With Servo Motor ,
5mm PCB Thickness SMT Mounting Machine



HT-F9 suitable applications



HT-F9 high speed mounter for about 250000 capacity.
Suitable to 0.5m, 1m tube and flexible strip



More Images



Product Description

SMT Mounting Machine with Magnetic Linear Motor & Servo Motor, 0.5-5mm PCB Thickness pick and place machine

The main parameter

Length	2700mm
Width	2300mm
Height	1550mm
Total weight	1700kg
PCB Length width	Max: 1200*330mm Min: 100*100mm
PCB Thickness	0.5-5mm
PCB clamping	Adjustable pressure pneumatic
Transmission speed	>500mm/sec
Conveyor transmission	Max length: 1200mm
Repeating Mounting precision	±0.02mm
Component space	0.5mm
Component height	≤5mm
Transmission direction	Single (left→ right or right→ left)
No. Of feeders station	68PCS
No. Of head	68PCS
Operating environment	23 ±3
Power consumption	6KW
Transmission mode	Online drive
Positioning way	Optical
X, Y, Z Axis drive way	High-end magnetic linear motor and serve motor
Feeding way	Electric feeder with double motor

The Features

1. Magnetic linear motor and servo motor pick and place machine, Producing with 4 types materials at the same time with high capacity.
2. It is suitable for the 0.6M, 0.9M rigid PCB and 0.5M, 1M LED flexible strip and Available for board with any proportion of LED chip and resistor.
3. It has Dual arm four module, 17 nozzles for each mounting part, part A or B can be mounted separately or synchronously.
4. Mounting mode: group picking and group placing.
5. The optimum capacity can reach 250000CPH.



The advantages of Multifunctional Pick and place machine

1. The structure of the multifunctional SMT machine mostly adopts the arch structure, which has the characteristics of high oil accuracy and good flexibility.

2, in the X and Y positioning system, most of the use of full closed-loop servo motor drive, with linear grating encoder for direct position feedback, to avoid screw distortion error. Some use double motors and double screw drives on both sides of the platform in the Y axis. There are more advanced linear magnetic levitation motors, in addition to dual drive and other technical characteristics, but also has a direct drive, less wear mechanical mechanism, fast feedback, quiet, easy maintenance and high precision characteristics.

3, the multifunctional SMT machine mostly uses the circuit board fixed, with the movement of the mounting head to achieve X and Y positioning, not because of the movement of the table and make the large or heavy components because of inertia and shift.

4, in addition to the traditional vacuum nozzle can be used in the material suction, and special nozzle can be used for special-shaped components that are difficult to absorb, and pneumatic clamp can be used for components that can not be absorbed with vacuum nozzle.

5, can accept all material packaging methods, such as coil, tube, box and tray. In addition, when the tray is loaded with more materials, multi-layer special tray feeder can be installed.

6, in some products, some Pin h Paste components also need to be mounted with other patch components at the same time and through reflow soldering, the insertion of such punch plug-in components requires the machine to have a large pressure mounting ability. The mounting head of some multifunctional mounters has the ability of high pressure mounting, and the mounting pressure can be controlled by the program, up to 5kg.

7, components in the school timing generally use the up-view camera, with front light, side light, backlight and online light and other functions, can identify a variety of different components. If the size of the component is too large, more than a FOV of the camera, the up-view camera can also be analyzed and corrected comprehensively after multiple video photos, and some multi-function mouter mount heads are also equipped with mount head mobile cameras, which can identify smaller components.

Contact David

Whatsapp/wechat/tel: +86 13827425982 / 0086 13827425982

E-mail: david@eton-mounter.com



Shenzhen Eton Automation Equipment Co., Ltd.



0086 13670197725 (Whatsapp/Wechat)



linda@eton-mounter.com



smtmountingmachine.com

HENGFENG INDUSTRIAL AREA,ZHOUSHI ROAD NO. 739,HEZHOU COMMUNITY,HANGCHENG
STREET,BAOAN,SHENZHEN,CHINA