



Multifunctional Assembly SMT Mounting Machine 0.02mm Precision Apply To Smt Production Line

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC
- Model Number: HT-E8D
- Minimum Order Quantity: 1 set
- Price: 80000 usd
- Packaging Details: Wooden case
- Delivery Time: 4 weeks after payment
- Payment Terms: T/T, Western Union
- Supply Ability: 50 sets per month



Product Specification

- Warranty: 1 Year
- Speed: 80000 Cph
- Weight: 2000 Kg
- Precision: 0.02 Mm
- Highlight: **smt pick and place machine, smt pick and place equipment**

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Product Description

Multifunctional assembly machine

Here are our multifunctional pick and place machine HT-E8D:

It is apply to smt production line, suitable for mounting led , capacitors, resistors, shaped components, IC, and so on. As we know that SMT placement technology ensures low solder joint defect rates for electronic products or components. High frequency characteristics. Therefore, electronic components or electronic products using SMT chip technology have high vibration resistance. High reliability and reduced electromagnetic and radio frequency interference.

High mounting precision :

There are two types of placement machine accuracy definitions: placement accuracy and repeatability. Positioning accuracy is called absolute precision in some industry personnel. In terms of the intention, the placement machine precision refers to the mechanical precision and Z-axis rotation accuracy of the X and Y-axis navigation movement of the placement machine. It can be characterized by positioning accuracy (absolute precision), repeatability, and resolution.

For HT-E8D, there are vision for the identification and mark correction, which is base on 4 sets of imported camera, that the mounting precision is reach 0.02 mm. Also the magnetic linear motor and servo motor for axis is further guarantee the accuracy of the patch.

Parameter:

Vision System	
No. of camera	4 Sets of imported camera Vision alignment, MARK correction
Mounting precision	±0.02mm
Mounting Height	≤36mm
Mounting Speed	80000CPH
Power	380AC 50Hz
Power Consumption	8KW
Conveyor Transmission	Max Length:1200mm
PCB	
PCB Length Width	Max:1200*300mm Min:100*100mm
PCB Thickness	0.5-5mm
PCB Clamping	Adjustable pressure pneumatic
Mounting Mode	Group Picking and separate placing/Separate picking and separate placing





Automatic:

Mounter: Also known as "mounting machine" or "Surface Mount System", in the production line, it is placed behind the dispenser or screen printer, and the surface is mounted by moving the placement head. The component accurately places a device on the PCB pad. Divided into manual and fully automatic.

By Automation, pick and place machine can be classified as follow:

1. Automatic mechatronic placement machine

Features: Most of the placement machines are this type.

2. Manual placement machine

Features: The manual patch head is mounted on the Y-axis head. The X, Y, and E positioning can be corrected by the movement and rotation of the human hand. Mainly used for new product development, with the advantage of low cost.

Our machine HT-E8D is automatic mounter machine, it is very suitable for automatic smt production line.

Packing and Deadline:

We use a combination of wooden case packaging and vacuum film wrapping, and we pack it with a rope and a stand. Arrivals around 4 weeks after payment.

About us:

Yitong Automation Equipment Co., Ltd. is a manufacturer established in 2011, focusing on the field of led placement machines. The company's development history is not long, but in the industry background of the market development, our company has made great achievements in the eight years since its establishment. It has won many honorary certificates and invention patents, and is among the domestic placement machines. The strongest, has received the attention of the national government.

In the international arena, we have exported more than 20 countries and have received favorable reviews from all over the world. In the future, ETS will continue to adhere to the five-star management policy: sincere management, dedicated research and development, intentional manufacturing, caring service, customers assured, create value for customers and create benefits for the society.

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