



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

## Speed 80000cph SMT Mounting Machine Dual System 0.02mm Precision 1 Year Warranty

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC
- Model Number: HT-E5D
- Minimum Order Quantity: 1 set
- Packaging Details: Wooden case
- Delivery Time: 4 weeks after payment
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 50 sets per month



#### Product Specification

- Warranty: 1 Year
- Weight: 2800 Kg
- Max Pcb: 500\*300 Mm
- System: Windows 7
- No. Of Camera: 4 Sets
- Speed: 80000 Cph
- Highlight: smt pick and place machine,  
smt pick and place equipment



#### More Images



## Product Description

### Dual system SMT machine

#### Application:

As long as it is a board-related placement product, it is very suitable to use a fully-automated visual placement machine. The operation can save the operation time and help the enterprise to complete the large-scale patch assembly task, which can play an important role for each electronic component placement.

HT-E5D can produce led lighting and electric board. Such as the led lens, led bulb, linear bulb, and power driver. And it is suitable for mounting led, capacitors, resistor, shaped components, etc.

#### Features:

1. Vision alignment flight identification, Mark correction.

The component adopts the top view camera when it is calibrated. It has the functions of front light, side light, backlight and online light, and can recognize various components. Such as

If the size of the component is too large and exceeds the camera's own vision (FOV), the top view camera can also be analyzed and corrected by multiple video cameras. It also have a head-mounted mobile camera on the placement head that can identify smaller components.

2. Non-stop material re-loading function.

For higher capacity, our machine support non-stop material re-loading function.

3. Suitable for most of components

It is suitable for led, capacitors, resistor, shaped components, etc. And the max size is 17 mm, the min size is 0402.

#### Technical parameter:

Length:	1650mm	Width:	2000mm
Height:	1550mm	Weight:	2800kg
Max pcb:	500*300mm	Min pcb:	100*100mm
Mounting precision:	0.02mm	Mounting speed:	80000 CPH

#### Internal parts structure of the machine

1. Conveyor:

The pcb transport organization is an ultra-thin belt transport system that is placed on the guide rail. Usually the belt is installed at the edge of the track. Its function is to send the PCB to the reserved position, and then send it to the next process.

Our conveyor transmission max length is 500 mm, the speed is more than 500mm/sec. And the direction is single (left to right or right to left). It is auto online drive.

2. High-end magnetic linear motor

The drive system is the key organization of the placement machine and the primary goal for evaluating the accuracy of the placement machine. It includes the XYZ drive layout and servo system. The function includes supporting the movement of the placement head and supporting the PCB load level.

Our multifunctional machine x axis is high-end magnetic linear motor and y axis and z axis is servo motor.

#### Attention:

- Those who have not received training are strictly forbidden to operate on the machine.
- The operation equipment must be safety first. The machine operator should operate the machine strictly according to the operation specifications. Otherwise, the machine may be damaged or endangered.
- The machine operator should be careful and attentive.



#### Company Information:

Company:	ETON	Set up in :	2011
Nature:	Manufacture	Field :	Pick and place machine
Certificate:	3c/sira/ce	Patent :	9
software copyrights:	12	Exported:	More than 20 countries

Client: OPPL/SHILIN/HELI/KONKA/RK/SANSI/UNISTAR/EURYA/CALCOM.....

Shenzhen ETON Automation Equipment Co. LTD. is a leading manufacturer of automatic high-speed pick and place machine focusing on "High efficiency Low consumption" in the word, meanwhile ETON is also the largest high-tech manufacturer in China with strong capability of design, R&D, manufacturing, sales and service, and rated as "Shenzhen high-tech enterprise" "China high-tech enterprise" "Shenzhen top brand" "2015 LED Technology innovation Award" "The 4th China LED First Innovation Award" "Industry Special Contribution Award" "Double soft enterprise" etc.



#### After sales service

We provide comprehensive after-sales service, including one year warranty, software and hardware lifetime maintenance, also deal with consumer letters and visits, answer consumer advice. At the same time, in various ways to collect consumer opinions on product quality, and timely improvement according to the situation.

#### Logistics and delivery:

1.The most stable packaging method

Our packaging method is packed in wooden cases and vacuum wrapped, and fixed with a tripod and rope.

2.Shortest delivery deadline

Our deadline around 4 weeks after payment.And we provide all kinds of transported, according to customer.

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