



## High Precision SMT Mounting Machine Dual Module Power Driver 80000cph Speed

### 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
- Speed: 80000 Cph
- System: Windows 7
- Max PCB: 500\*300 Mm
- Components: LED, Capacitors, Resistors, Shaped Components, Etc.
- No. Of Nozzles: 16 Pcs
- Highlight: **smt pick and place machine,  
smt pick and place equipment**



## Product Description

### Bulb light pick and place machine

#### Features:

In the X and Y positioning systems, the full-closed servo motor drive is mostly used, and the linear encoder encoder is used for direct position feedback to avoid the cause.

The error of the distortion of the screw. Some are driven on both sides of the platform by a double motor and a double screw on the y-axis, and feedback is performed using a bilinear scale.

It can effectively reduce the waiting caused by the stationary head, and reduce the error caused by the unsynchronized deformation of the beam.

For HT-E5D, there are two aspects that guarantee its high precision. One, the x axis is high-end magnetic linear motor, y axis and z axis is servo motor. Secondly, there are 4 sets of imported camera, vision for the flight identification and mark correction.

#### 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

#### Apply to led lighting:

Pick and place machine also called "mounter machine", usually apply to pick components to the board. And our mounter machine is multifunctional, suitable for mounting led lighting and electric board. And the model of HT-E5D apply to led bulb, led lens, led panel, down-light, led driver, led model.



#### Internal parts structure of the machine

There are some details of HT-E5D:

##### 1. Identification:

The method of adjusting the position and direction of the component by the arch type placement machine:

1) mechanical centering adjustment position, nozzle rotation adjustment direction, this method can achieve limited accuracy, the late model has not been used.

2) laser recognition, X/Y coordinate system adjustment position, nozzle rotation adjustment direction, this method can realize the identification during flight, but can not be used for the ball grid array element BGA.

3) camera recognition, X/Y coordinate system adjustment position, nozzle rotation adjustment direction, general camera fixation, patch head flight across the camera, imaging recognition, a little time than laser recognition, but can identify any component, there are other sacrifices in the mechanical structure of the camera recognition system that realizes the identification during flight.

For HT-E5D, there are 4 sets of imported camera, vision for the flight identification, mark correction. And the X, Y, Z Axis drive way is control by high-end magnetic linear motor and servo motor.



## 2.Feeding system:

There are dual mode, the no.of feeders station totally 60 PCS.And the no.of nozzles is totally 16 PCS. It is electric feeder with double motor for feeding way.



## Attention:

The cost-effective LED placement machine is a revolutionary change in the production of LED products, making production more efficient, and intelligent production has made great progress in product quality. Of course, the use of LED placement machine is positive, but the application can not only consider the effects it brings, but also should know what the precautions of the placement machine are. There are something points:

1. Before using the Pick and Place machine, you must understand the basic parameters of the placement machine.
2. Before running the Pick and Place machine, the operator should do a comprehensive inspection of the machine.
3. It is necessary to conduct regular troubleshooting and maintenance work on the Pick and Place machine in a timely manner.
4. According to the boot operation sequence to implement the Pick and Place machine, there must have a detailed machine operation instructions;

## Logistics and delivery:

There are using the wooden case to packing machine with vacuum packaging. It is fixed and unmoved by external forces. The lead time is 4 weeks after payment.

## 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:

ETON pay attention to a comprehensive after-sales service strategy.

1. Install and debug products for consumers on behalf of consumers;
2. According to the requirements of consumers, carry out technical guidance on the use and other aspects;
3. Guarantee the supply of spare parts for maintenance;
4. Responsible for maintenance services;

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