



SMT placement machine can apply to all sorts of LED lights and LED lens

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC CE SIRA
- Model Number: HT-E8S-1200
- Minimum Order Quantity: 1 SET
- Packaging Details: Vacuum wooden box
- Supply Ability: 50 PCS/month



Product Specification

- Name: Pick And Place Machine
- Warranty: 1 Year
- Length: 2550mm
- Width: 1650mm
- Height: 1550mm
- Total Weight: 1700kg



Product Description

Multi- function SMT mounting machine can apply to all sorts of LED lights producing

Product Description

HT-E8S-1200 pick and place machine Advantage:

Single module magnetic linear motor Multi-functional pick and place machine.

1. Application:

1) **Widely application:** LED bulb, DOB bulb, LED tube, power drivers, down lights, household appliance etc., with complete functions. Can meet the requirements of customers to produce a variety of products.

Notes: suitable for all boards on the market, Max PCB size **1200*500mm**; can be **customized**.

2) **Mounting components:** It is applicable to the wider range of components, and can be mounted with resistors, capacitors, IC, bridge rectifiers, inductance, terminals, diodes, transistors, large-capacitance transformers, shaped components. High precision, can mount **0402** components.

2. Feature / Exclusive patented technology:

1) **Electronic feeder feeding system:** Electric feeder with double motor to ensure more stable and accurate feeding.

2) **Camera recognition system:** 2pcs camera, vision camera, flight identification, Mark automatic correction. ensure accurate mounting and **high precision**.

3) **Non-stop material re-loading function,** ensure high speed, increase productivity.

4) Auto-optimization after coordinates generated. to ensure **high mounting precision**.

5) **Automatic replenishment:** If there is material missing or throwing, can fully-automatic material replenishing to save labor.

6) The head structure is independent research and development **by ETON**, the structure and material are unique. and the mounting height is adjustable, up to **20mm**. It can be applied to many high DOB components and has wider range of applications.

7) The X/Y axis uses **high-end magnetic linear motor**, which has higher accuracy and faster speed. Each head of Z axis is independently controlled by servo motor to ensure accurate mounting and high speed.

8) **Software:** Independent research and development by ETON, **free upgrade** whole lifetime, saving costs.

9) Feeders: **Electric feeder with double motor**, to ensure more stable and accurate feeding. Also improve the mounting speed.

10) **Mechanical part:** Most of mechanical part are manufactured by ETON, with controllable quality and strong manufacturing capabilities. Cause ETON is leading manufacturer of SMT machine in China, over 10 years experience in SMT machine, own industry park over **50000** square meters.

11) Total weight: 1700KG, the machine body is more stable.

12) **Support customization:** OEM/ODM. such as: 600*500mm can be customized.

Parameter

No. of Camera	2 sets of imported camera
	Vision for the flight identification, MARK correction
Mounting Precision	±0.04mm
Mounting Height	<15mm (Automatic Changing)
Mounting Speed	45000 CPH
Components	LED, capacitors, resistors, IC, shaped components, etc.
Components Space	0.2mm
No. of Feeders Station	28 PCS
No. of nozzles	12 PCS
Power	380AC 50HZ
Power Consumption	4 KW
Operating Environment	23 ±3
Conveyor transmission	Max length :1200 mm
Transmission Speed	1000mm/sec
Transmission Direction	Both direction (option)
Transmission Mode	Auto online drive
Air supply	0.4-0.6mpa (4-6kgf/cm ²) 150N/min
Electrical control	Independent research and development by ETON
X,Y,Z Axis Drive way	High-end magnetic linear motor + Servo motor
Feeding way	Electric feeder with double motor



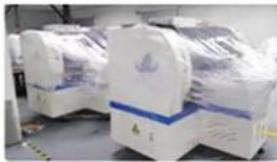
Package

We usually use vacuum wooden cases to pack the products. Vacuum can be very shock proof and ensure the integrity of the products. If you have special requirements for packaging, we can also realize it for you.

ETON



PACKAGING STEPS



Step 1



Step 2



Step 3

FAQ

Q1: What is the optimal capacity of your products?

A: The actual product of the mounter in this industry is conservatively estimated to be 60% of the optimal production capacity, but it all depends on the product you want to do, PCB design, component type, component quantity, etc

Q2: Why is your product unique?

A: Because our patented technology, practical invention and software copyright are unique, we have obvious advantages in the market.



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