



Automatic SMT PCB SMD Assembly Machine Multifunctional LED Light Making Machine

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC/CE/SIRA
- Model Number: HT-E8S
- Packaging Details: Vacuum packing in wooden case
- Delivery Time: 15-30days
- Payment Terms: L/C, T/T
- Supply Ability: 50 Unit/UNits per month



Product Specification

- Model: HT-E8S-1200
- Dimension: 2550*1650*1550mm
- PCB Size: Max:1200*500mm Min:100*100mm
- PCB Thickness: 0.5-5mm
- Application: SMT PCB Assembly Production Line
- Applicable Components: LED Chip, capacitors, resistor, IC, shaped Component
- Mounting Mode: Group Picking And Separately Placing 、 separately Picking And Separately Placing
- No. of Feeders Station: Single Module 28 PCS
- No. of Head: Single Module 12 PCS
- Mounting Speed: 45000 CPH
- Highlight: **SMD Assembly Machine 45000 CPH,
SMT PCB SMD Assembly Machine,
Multifunctional LED Light Making Machine**

Product Description

Automatic led smd assembly machine led light making machine manufacturing machines

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

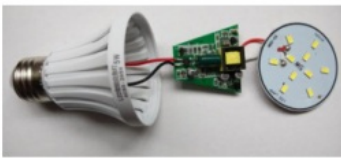
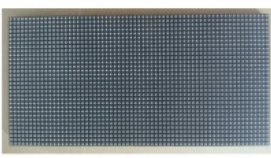







Multi-Functional HT-E8S-1200



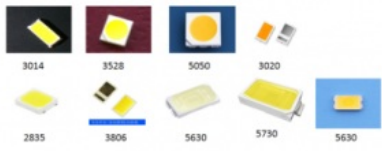








1. Application:

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.

		
Linear Bulb	LED Display	Panel Light
		
LED Down-light	Street Light	Power Driver
		
LENS	Corn Lamp	LED Tube

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.

		
LED chip	Capacitor	Resistor
		
Terminal	Transformer	Inductance
		
LENS	IC	Diode/Bipolar Junction Transistor

2. Feature / Exclusive patented technology:

Electronic feeder feeding system: Electric feeder with double motor to ensure more stable and accurate feeding.
Camera recognition system: 2pcs camera, vision camera, flight identification, Mark automatic correction. ensure accurate mounting and high precision.

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

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

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

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.

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.

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

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

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.

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

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

3. Main parts: The key part of electrical are well know brand with high quality to ensure the high performance.

For small parts, also have high quality, such as Bearing, Imported from Japan NSK/MISUMI.

The below details for you reference:

1) **Grating scale:** Imported from UK RENISHAW

Used for detection of linear displacement or angular displacement, high accuracy of processing data, error compensation function, accurate positioning.

2) **Guide rail:** Imported from Japan THK

Support and guide moving parts, reciprocating linear motion in a given direction, used in mechanical structures with high precision requirements.

3) **Mark camera:** Hikvision brand from China top one

High quality Mark camera automatically recognizes the Mark points, and the software automatically recognizes and corrects and compensates.

4) **The electromagnetic valve:** Imported from Japan SMC

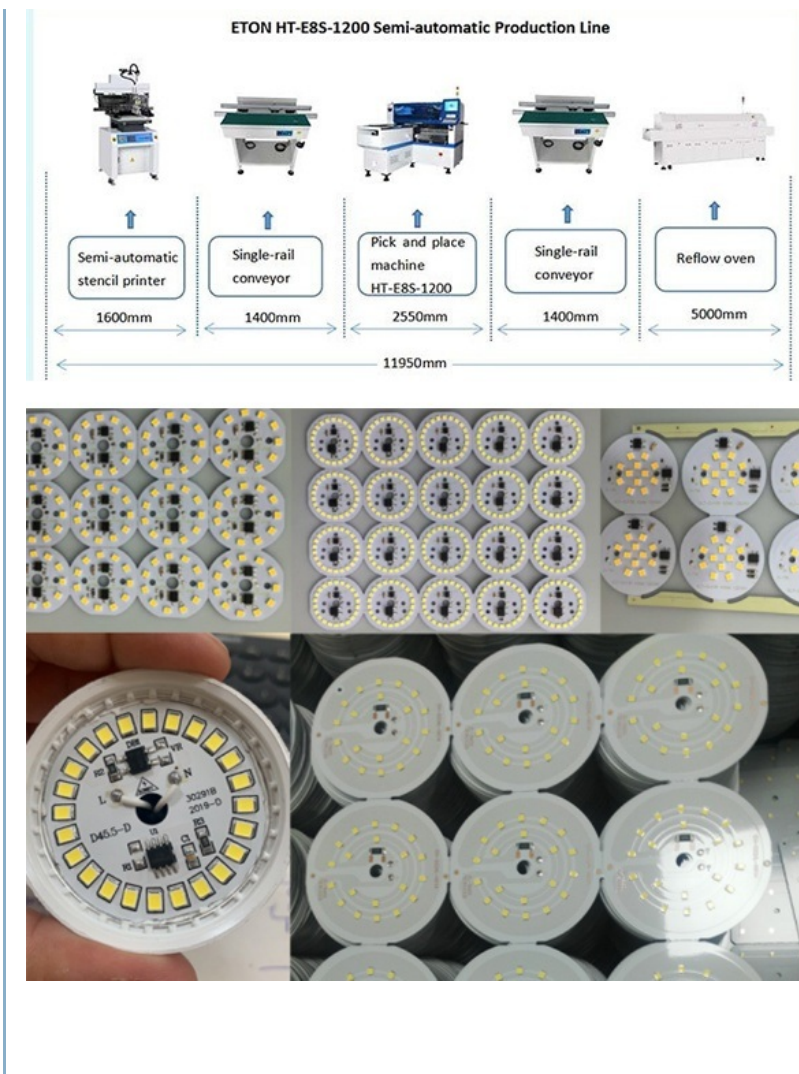
Compact design, flexible operation, convenient maintenance, air pressure control. Ensure the accuracy and flexibility of control.

5) **Drag chain:** Imported from Germany IGUS

Suitable for use in reciprocating motion occasions, and can provide traction and protection for built-in cables and air pipes. During running, it has low noise, wear resistance, and high-speed movement.

6) **Synchronous belt:** Imported from Japan MBL

Accurate positioning, strong abrasion resistance, long service life, smooth transmission and high transmission efficiency, convenient maintenance.



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