



## Automatic LED Light Assembly Machine High Speed High Precision SMT Pick And Place Machine

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE, ISO, CCC
- Model Number: HT-F9
- Minimum Order Quantity: 1 unit
- Price: USD 48000-72000 per set
- Packaging Details: vacuum wooden packing
- Delivery Time: 15-30 days
- Payment Terms: T/T, L/C
- Supply Ability: 50 unit per month



#### Product Specification

- Brand: ETON
- Dimension: 2700\*2300\*1550mm
- Weight: 1700kg
- PCB Length Width: Max: 1200\*330 Mm Min: 100\*100 Mm
- PCB Clamping: Adjustable Pressure Pneumatic
- No. Of Feeders Station: 68 PCS
- No. Of Heads: 68 PCS
- Feeding Way: Electric Feeder With Double Motor
- Mounting Mode: Group Picking And Group Placing
- Highlight: **6KW Led Light Assembly Machine, smt placement Led Light Assembly Machine, 1700kg SMT Pick and Place Machine**

## Product Description

### Automatic Led Light Assembly Machine High Speed High Precision SMT Pick and Place Machine

#### Machine main parameter

Dimension: 2700mm*2300mm*1550mm	
Total weight	1700kg
PCB Length width	Max: 1200*330mm Min: 100*100mm
PCB Thickness	0.5-5mm
PCB clamping	Adjustable pressure pneumatic
Transmission speed	>500mm/sec
Conveyor transmission	Max length: 1200mm
Repeating Mounting precision	±0.02mm
Component space	0.5mm
Component height	≤5mm
No. Of feeders station	68PCS
No. Of head	68PCS
Operating environment	23 ±3
Power consumption	6KW
X, Y, Z Axis drive way	linear motor and serve motor

#### Machine main features and Machine main part

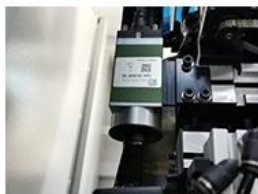
1. The HT-F9 is suitable for mounting and the PCB plate size is 1200\*330mm to 100\*100mm.
2. HT-F9 is suitable for products with fewer types of components and simple order of components
3. HT-F9 has five sets of camera, including:
  - 2 nozzles adjustable camera which can to adjust the nozzle spacing by taking on the center of the nozzle
  - 2 feeder adjustable camera adjusting the feeder by taking feeder station center line;
  - 1 MARK camera to Mount the PCB board by scanning MARK points.
4. HT-F9 has 68 PCS of nozzles and 68 PCS of feeders station so that the optimum capacity will be reached 250000 CPH.
5. HT-F9 has four modules and double arms which can produce four different types of materials at the same time.
6. This is his biggest highlight that the HT-F9 can keep high speed and high precision when the mounting mode is group to pick and group to place.



68 PCS of nozzles  
68 pcs of feeders station



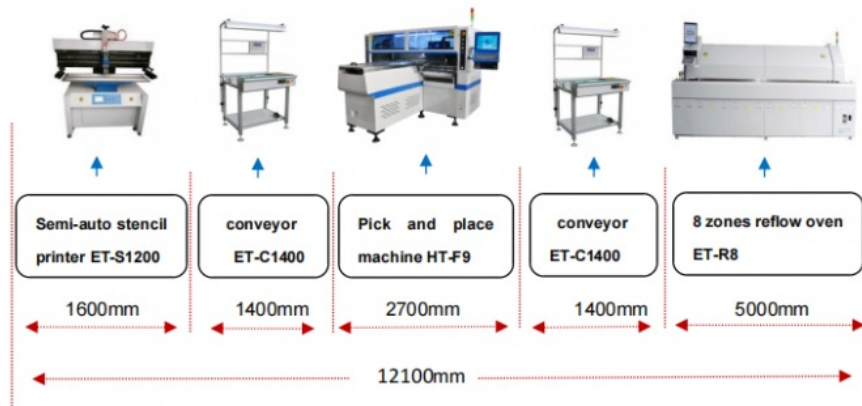
the camera of Nozzle adjusted



the camera of feeding adjusted

HT-F9 as a high speed professional pick and place machine, it is mainly suitable for mounting a soft light belt, light tube and display screen. In the whole SMT production line, Considering the factors such as price and practicality, We mainly recommend a semi-automatic production line. The semi-automatic production line include semi-automatic stencil printer, conveyor, pick and place machine and reflow oven.

### ETON - HT-F9 Semi-automatic Production Line



### Service and Delivery

1. From before-sales to after-sales, ETON has Complete after-sales service system

Before sales

The sales specialist analyzes the equipment and production line for clients

Under sales

Specialist sale tracks the transport situation in time, ensure that the equipment arrives at customers in good condition

After sales

ETON has One-year complete machine warranty period.



## Our Advantages



Brand  
Guarantee



Quality  
Assurance



Quick  
Response



Quick  
Delivery

## Five-star Services

- 😊 **Professional solutions:** Provide professional SMT Full line solutions
- 😊 **Free Warranty:** One-year warranty factory service.
- 😊 **Free Installation:** On-site free installation to ensure smooth production.
- 😊 **Free Technical Training:** Professional training of operating and maintenance.
- 😊 **Free Technical Support:** 7 \* 24 technical online support.
- 😊 **Free Software Upgrade:** Offer free software upgrade whole lifetime

2. In order to ensuring the machine in good condition when arrive the equipment reaches the customer factory, we use the vacuum packaging and wooden box packaging.

## Packing and Delivery



Step one: packing the machine with foam cotton and stretch film to protect the outside of the machine



Step two: Vacuum packaging; put the desiccant in a vacuum bag to prevent moisture; use straps to secure the machine



Step three: professional wooden box packaging



### RFQ

#### 1. What is the mainly difference between automatic line and semi automatic line ?

The big difference of automatic line and semi-automatic line is the price and the labor. Automatic line need higher cost but save much cost of labor. Usually one operator is enough. Although semi automatic line save the cost, it needs at least 2 workers.

#### 2. Does your machines have quality certificates?

We are high-tech enterprise with CE, SIRA, CCC , ISO and have many technology patents. We also have 11 years experience in LED light SMT production line.

#### 3. Can you support the whole SMT line?

A: Yes, we can provide the complete line solution including PCB loader, stencil printer, conveyor, pick and place machine, reflow oven and other peripheral automation equipment.

#### 4. What advantages does your company have?

We have more than ten years of experience, with a large number of patents, software independent research and development, professional salesman and good after-sales service.



**Shenzhen Eton Automation Equipment Co., Ltd.**



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