



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

## High Speed Linear LED Light Making Machine 0603 SMT Pick And Place Machine

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA,ISO
- Model Number: HT-F7S
- Minimum Order Quantity: 1 set
- Packaging Details: Packing in film package and foam cotton, and covering vacuum bag within sturdy wooden boxes.
- Delivery Time: 30 working days
- Payment Terms: T/T
- Supply Ability: 50 sets per month

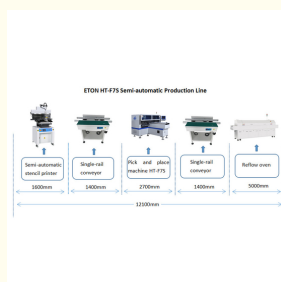


### Product Specification

- Warranty: 1 Year
- Applicable Components: 0603
- Application: LED Strip, Tube, Panel Light
- Power Supply: 380AC 50HZ
- Condition: New
- Product Name: Automatic SMT Pick And Place Machine
- Mounting Speed: 150000-180000 CPH
- Feeders: 68 Pcs
- Pcb Thickness: 0.5-5 Mm
- Highlight: Linear LED light making machine, Linear LED SMT Pick Place Machine, Linear LED Pick And Place Machine



### More Images



## Product Description

### High speed Linear LED light making SMT high speed pick and place machine

#### Market

As for the 11 years trade with more than 30 countries with our SMT high speed pick and place machine, we have come into business with many partners:



#### Our Exhibitions

As an experienced company of trading SMT pick and place machine with more than 30 countries and regions aboard, Eton has participated in many exhibitions of foreign countries, such as India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, etc. And also we have took part in our domestic exhibition, like Guangzhou Guangya Exhibition, Shanghai Munich Exhibition, Chongqing LED light Exhibition, etc.



### Description

High-end magnetic linear motor+ servo motor

Apply to the 0.6 M, 0.9 M, 1.2 M rigid PCB and 0.5 M, 1 M LED flexible strip. Producing with 4 types of materials with high capacity. available for board with any proportion of LED chip and resistor.

Two mounting modules, 17 nozzles for each mounting part, part A or part B can be mounted separately or synchronously.

Exclusive patent technology: Group to pick and group to mount.

IPC9850 Capacity: 150000-180000 CPH

Patent number: ZL 2011 2 0237740.9/ ZL 2011 2 0334606.0/ ZL 2012 20178869.1/ ZL 2012 2 0415505.0/ ZL 2012 20415044.7/ ZL 2012 2 0415356.8/ ZL 2012 2 0415061.0

### Technical parameter

Model	HT-F7S
<b>Dimension</b>	
Length	2700mm
Width	2300mm
Height	1550mm
Total Weight	1700kg
<b>PCB</b>	
PCB Length Width	Max:1200*330mm Min:100*100mm
PCB Thickness	0.5-5mm
PCB Clamping	Adjustable pressure pneumatic
Mounting Mode	Group to take and group to mount
<b>O.S.</b>	
System	Windows7
Software	R&D independently
Display	Touch screen monitor
Input Device	Keyboard, Mouse
<b>Vision System</b>	
No. of Camera	5 PCS ( Digital camera) Vision alignment, MARK correction
Mounting Precision	±0.02mm
Mounting Height	≤5mm
Mounting Speed	150000~180000 CPH
Components	LED 3014/ 3020/ 3528/ 5050 and capacitors, resistors, bridge rectifiers, etc.
Components Speed	0.5mm
No. of Feeders Station	68 PCS
No. of nozzles	34 PCS
Power	380AC 50 HZ
Power Consumption	6kw
Operating Environment	23°C±3°C
Transmission Speed	Max Length :1200 mm
Transmission Direction	Single(left→ right or right→ left)



Transmission Mode	Online drive
Position Mode	Optical
Gas consumption	0.4-0.6mpa (4-6kgf/cm <sup>2</sup> )600N/min
Electrical control	Independent research and development by ETON
Motion control card module 1 set	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

### SMT Line solution

The equipment required for the semi-automatic production line includes:

**Semi-automatic printing machine:** the solder paste is printed on the PCB pad through the stencil;

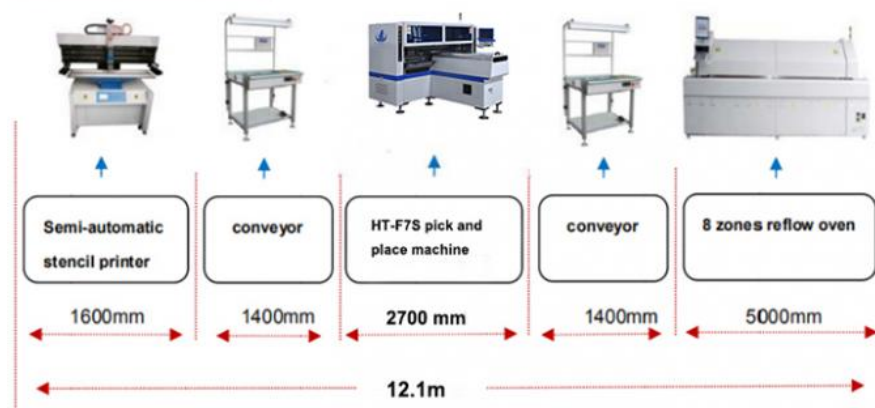
**Pick and place machine:** mount the led chips or other components on the designated position on the PCB board;

**Reflow oven:** melting the solder paste to make it adhere to the mounting components;

**Conveyor:** inspect the placement and soldering quality, and also play a role in transferring PCB boards and buffering on the SMT production line



### Semi-auto line solution



### Our advantage

ETON is the pioneer of SMT machine field in China which have more than 11 years experiences. And owned CCC, SIRA, CE certificates with 9 invention patents, 200 practical patents, 49 software copyrights of intellectual property technologies.

**Shenzhen ETON Automation Equipment company**

**Noah+8613632769526**

Eton automation equipment company is a leading manufacturer in SMT machine for LED products which accounted to 80% market in China.

Have a 50000 square meters industrial park with 7 buildings in Jiangxi province.

**133 patents      300 +workers      52,000 square meters**

**Our Certification**

- 9 Invention Patents
- 12 Software Patents
- 112 Practical Patents

**Eton have come into business with many partners as RK, SURYA, Fiem, Calcom, POLUCRB, UNSTAR, KONKA etc**

### FAQ

Q.How can I make inspection when something wrong with the machine?

A. Well, the inspection is taken by our professional engineer to check and modulate the machine, if you counter any problem of our machine please contact us, and we will arrange our engineer to solve it.

Q. How long is the machine maintenance period, whether it is free?

A. The maintenance period of our machine is 1 year and its free for our clients, after the maintenance period we will arrange our engineers to check and test the machine one or two times a year freely.

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