



## led pick and place high speed pick and place mounter,smt pick and place machine,automatic mounter,magnetic linear motor

### Our Product Introduction

#### Basic Information

- Place of Origin: china
- Brand Name: eton
- Certification: ccc,ce,sira
- Model Number: ht-f7
- Minimum Order Quantity: 1 unit
- Price: \$70,000.00/unit
- Packaging Details: Waterproof material packing and wooden case
- Delivery Time: 30 work days
- Payment Terms: L/C, T/T
- Supply Ability: 80 units per months



#### Product Specification

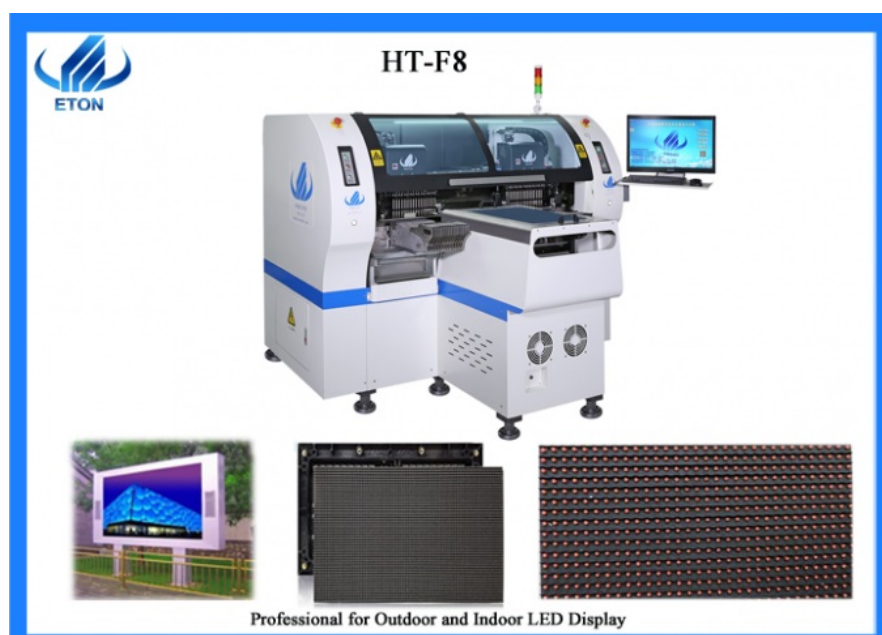
- Pcb Size: 80\*330mm~1200\*330mm
- Pcb Clamping: Adjustable Pressure Pneumatic
- System: Windows7
- Software: R&d Independently
- Display: Touch Screen Monitor
- Input Device: Keyboard,mouse
- No. Of Camera: 5
- POWER: 380AC 50HZ
- Power Consumption: 5kw
- Mounting Mode: Group Of Group Of Stick
- Components Space: 0.2mm
- Feeders Stations: 68PCS
- Nozzles: 34PCS
- Mounting Speed: 150000CPH
- Mounting Height: 15mm

## Product Description

### 1.product details

**Components:** LED2121/2727/3528/5050 and resistor,capacitors,bridge rectifiers,etc.

**Application:**LED display



### 2.product Technical parameters of high speed pick and place machine

Model number	HT-F8
Dimension	1600*1900*1550mm
PCB size	80*110 345*600mm
PCB thickness	0.5 5mm
mounting mode	group to take and group to mount
system	windows 7
display	LED monitor
input device	keyboard,mouse
NO.of camera	5 sets of imported camera
mounting precision	±0.02mm
mounting height	<15mm
mounting speed	150000CPH
components space	0.2mm
NO.of feedings station	32pcs
NO.of nozzles	32pcs
power	220AC 50HZ
power consumption	5KW
operating environment	23 ±3
conveyor transmission	MAX length:1200mm
transmission speed	>500mm/sec
transmission direction	single(left→right,right→left)
transmission mode	Auto online drive
position mode	optical
air pressure	>5.0kg/c
electrical control	independent research and development by ETON
motion control card module 1set	independent research and development by ETON
X.Y axis drive way	servo motor
feeding way	electric feeder with double motor



### 3.product features of smt pick and place machine

X,Y,Z drive way is high-end magnetic linear motor+servo motor.  
 PCB clamping is adjustable pressure pneumatic.  
 Vision for the flight identification ,mark correction.  
 Electronic feeder feeding system.  
 Non-stop material re-loading function.  
 Auto-optimization after coordinates generated.



### 4. The warranty

Standard warranty is one year,during warranty,any parts need to be repaired and replaced will be free.

### 5.product parts of smt mounter

- ✧ Mark camera from HK vision
- ✧ Grating scale from Renishaw,UK
- ✧ Guideway from IKO, Japan
- ✧ Pneumatic components from SMC, Japan
- ✧ Drag chain from IGUS, Germany
- ✧ Transport guide from Hiwin, Taiwan
- ✧ Linear motor from Israel technology
- ✧ The host computer from EVOC
- ✧ Sensor from Beckhoff ,Germany
- ✧ The software is self-developed



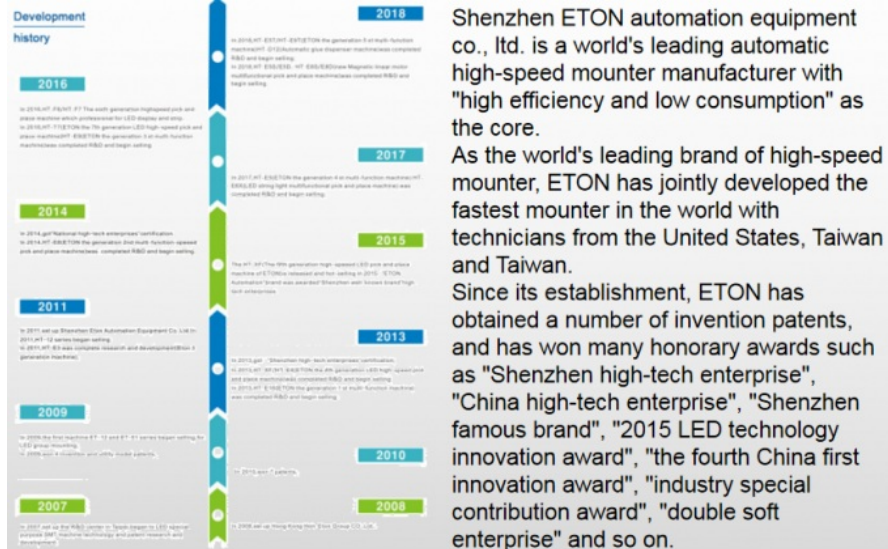
#### 6.Packing & delivery of smt mounter machine

We usually use waterproof packing machines and pack them in wooden cases.If the customer has special requirements for packaging, we will package the products according to the contract.

Shenzhen port is the closest to our company.If there are less than 3 sets of products, we usually ship the goods within 30 days after payment. If there are more than 3 sets of products, we can negotiate the delivery time.

#### 7.Company profile





Accepted delivery terms	EXW, FOB, CIF, CFR
Accepted payment currency	USD,CNY
Accepted payment type	L/C, T/T
Nearest port	Shenzhen

## 8. Our certificates and certifications

The company has independently developed a number of intellectual property technologies, including 9 invention patents, 112 practical patents and 12 software Copyrights. Successively obtained "shenzhen high-tech enterprise", "national high-tech enterprise", "shenzhen TOP brand", "2015 LED technology innovation award", "industry special contribution award", "the 4th China LED first innovation award", "industry special contribution award", "double soft enterprise" and so on.



## 9. trade show

Since the establishment of the company, we have participated in many trade exhibitions at home and abroad, including Guangzhou Guangya exhibition, Turkey lighting exhibition, India lighting exhibition, Pakistan exhibition, India nepcon exhibition, Thailand exhibition, etc. We add a large number of foreign clients every year.



## 10. FAQ

### 1) Do you have oversea after sale service?

We have set up an overseas office in India. We can offer technical support abroad. If you have any technical problem, our engineers will support you promptly.

### 2) How is the training?

You can send your engineers to our workshop to study, or we can send our engineers to your workshop for guidance. We guarantee that the training will not be completed until your operators are fully trained.

### 3) It's hard to use the machine?

No, not at all. Touch screen display, English operation interface. Generally training about five days can be skilled in the operation of the machine.

### 4) Does your machines have quality certificates?

We are high-tech enterprise with CE, SIRA, CCC.

### 5) How about the warranty?

We guarantee it for one year free of charge. Software updates are free for life.



Higher precision,  
faster speed,  
independent research and development,  
in China supplier ETON!

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**Industry related knowledge**

**SMT Placement Machine Operation Flow**

SMT mounting machine material and component confirmation

Install feeder and suction nozzle as required PCB operation;

After mastering the remaining amount of the original device of the feeder, order the components that may be exhausted in advance.

Set up SMT placement machine transfer track and thimble (Backup Pin)

Carry out transfer track width adjustment operation, set PCB fixed mode;

Configure the thimble in place to support PCB underside.

X. Check Location and Instruction

Check PCB origin;

Check PCB reference mark position;

(b) Examination of adsorption sites (Pickup Point);

Check the stickers.

PCB produced SMT placement machines



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



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