



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

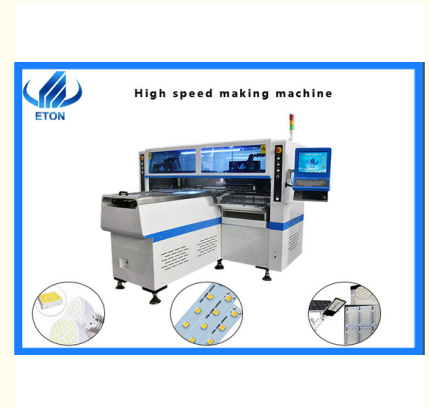
## 68 Heads LED Light Pick And Place Machine 6KW With Magnetic Linear Motor Servo Motor

Our Product Introduction

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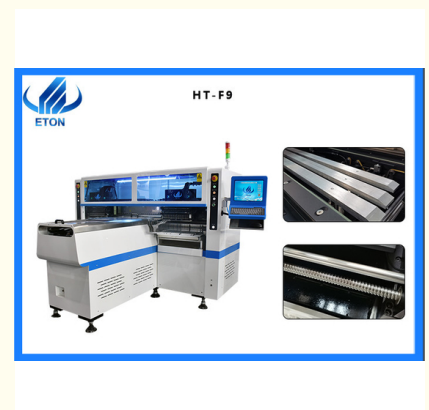
### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC,SIRA,CE
- Model Number: HT-F9
- Minimum Order Quantity: 1PCS
- Packaging Details: We use vacuum wooden box packaging
- Delivery Time: 5-8days
- Payment Terms: L/C, T/T
- Supply Ability: 50pcs/month



### Product Specification

- Model: HT-F9
- Length: 2700mm
- Width: 2300mm
- Height: 1550mm
- Total Weight: 1700kg
- Max Pcb Size: 1200\*330mm
- Highlight: LED light pick and place machine CCC ,  
LED light pick and place machine 6KW ,  
Linear Motor SMT pick place machine



### More Images



## Product Description

### 68 Heads LED light pick and place machine

#### Main Technical Parameter

Dimension	2700*2300*1550mm
PCB length width	Max:1200*330mm Min:100*100mm
PCB Thickness	0.5~5mm
Mounting mode	Group to take and group to mount
Mounting precision	±0.02mm
Mounting height	Standard:≤5mm
Mounting speed	200000~250000 CPH
Components	LED 3014/3020/3528/5050 and resistors, capacitors, bridge rectifiers
Components space	0.5mm
No.of feeders station	68 PCS
No.of head	68 PCS
Power	AC 380V 50Hz
Power consumption	6 KW
X,Y,Z Axis drive way	High-end magnetic linear motor and servo motor



#### Machine main part:

Three main components: software, electrical and mechanical.

Machine parts and functions

Mainframe: The brain of a machine that collects feedback signals and processes them before issuing instructions

Electric box: all the circuit of the machine is integrated in the electric box. After external power connection, it controls the running process of the machine together with the host machine

Circuit board: Controls various parts of the machine

Servo motor: after the servo motor is energized, it turns positive and negative, and drives the screw rod to rotate by connecting the screw rod with the coupling, thus driving (mounting head, transportation platform) to do linear reciprocating motion. A servo motor controls a screw.

Linear motor: magnetic linear motor, through external electric connection to make the actuator generate a magnetic field, stator itself is a permanent magnet, moving stator through the interaction between magnetic poles to make the mount head reciprocating motion.

Magnetic grid ruler: non-contact scanning magnetic field, and the analog measurement value into absolute or incremental output signal, high detection accuracy, fast response speed, to a certain extent determines the accuracy of head mounting.

Linear guide rail: used to support and guide the moving part (mounting head, transport platform), according to the specified direction to do high precision reciprocating movement

Stepper motor: the track width is adjusted by adjusting the motor to drive the belt connecting screw, so as to be suitable for the installation of different circuit boards of customers. The transport motor drives the belt, which drives the circuit board.

#### The semi-automatic production line

Solder paste printing machine, conveyor, Pick and Place machine, reflow oven.

#### The full-automatic production line

PCB Loader, conveyor, transplanting machine, buffer frame, automatic printing machine, pick and place machine, belt transport guide rail, reflow oven, PCB Un-loader.

#### FAQ:

Q: What's the terms of payment? What about the trade term?

A: T/T is OK. You can choose FOB Shenzhen.

Q: What's your delivery time?

A: Usually 30 days after deposit, if we have inventory, the time can be brought forward.

Q: Is there any quality guarantee?

A: We stick to quality first, client-oriented, Continuous improvement!

Q: Is your software interface in English?

A: English interface and Chinese interface are both available.

Q: It's hard to use the machine?

A: No, not at all. For our previous clients, at most 5 days is enough to learn to operate the machines.



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