



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

## led light chip mounter machine automatic pick and place machine with magnetic linear motor 80000CPH

### Our Product Introduction

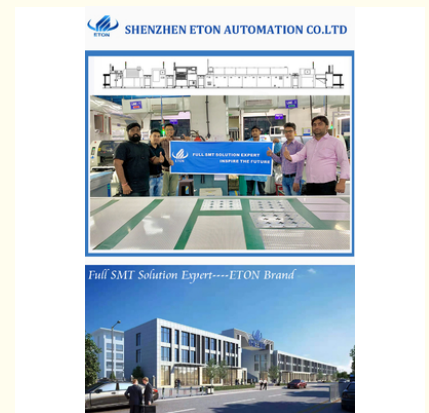
#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC, CE, RoHS
- Model Number: YT-202S
- Minimum Order Quantity: 1
- Price: FOB USD 76000/sets
- Packaging Details: Our packing is made of wooden box with vacuum package, and we promise to deliver the goods within four weeks after payment.
- Delivery Time: 30 days after deposit
- Payment Terms: L/C, T/T
- Supply Ability: 50 sets per month

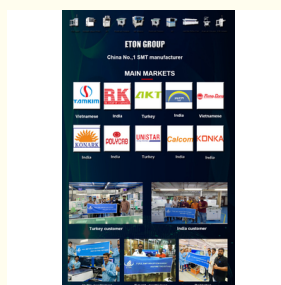


#### Product Specification

- Name: Pick And Place Machine
- Place Of Origin: China
- Power: 380AC 50HZ
- Drive Way: High-end Magnetic Linear Motor +servo Motor
- Mounting Height: <36mm
- Mounting Speed: 90000CPH
- Power Consumption: 8KW
- Dimension: 2788\*1686\*1375mm
- Total Weight: 2100kg
- Visual Camera: 2 Sets Of Imported Camera
- Warranty: 1 Year



#### More Images



for more products please visit us on [smtmountingmachine.com](http://smtmountingmachine.com)

## Product Description

### **smt chip mounter pictures of led lights led pick and place machine,automatic pick and place machine,surface mount placement machine with magnetic linear motor,surface components pcb mounting machine**

#### **Technical parameter of led pick and place machine**

PCB length width	Double module&Double rail: MAX:500x300mm(Non-omnidirectional 640x300mm) MIN:50x50mm Single module&Single rail: MAX:500x540mm (Non-omnidirectional 640x540mm) MIN:50x50mm
Components	0201 IC 50x50mm Mounting Height:20mm
Mounting speed	70000 CPH (Under the best conditions for our company)
Mounting precision	±0.03mm(Repeat precision)
No. Of feeders station	32PCS(Double material feeder, can load 64 trays of material)
Power	AC380 50Hz
Air supply	0.4-0.6Mpa (4-6Kgf/ )
Vacuum detection	Independent vacuum detection of reclaiming material
Dimension	L 2795 X W 1497 X H 1687
Total weight	1700kg

#### **Features of SMT led pick and place machine**

Brand new self-developed high-precision placement head

- Combine high accuracy Mark recognition camera with fixed flight vision camera, ensure placement accuracy
- The placement head adopt independent vacuum detection.improve placement performance
- Off-line programming.save time of changeover cycle
- Software AI intelligent learning function and automatic optimization function

#### **Optical Recognition Camera**

Components with size less than 40• 40mm or height less than 20mm can be used to high-speed and high-precision identification

Mark recognition:High-precision Mark recognition system, adopt 3-color illumination recognition.apply to any shape Mark and LENS(Blu-ray scan), wider range of applications

**Fixed flight vision camera:**High-speed flight vision camera.quickly captures multiple head images at once, perform visual calibration of image position,alignment Correction ,adjustable light source brightness

#### **Pictures of led lights assembly machine**

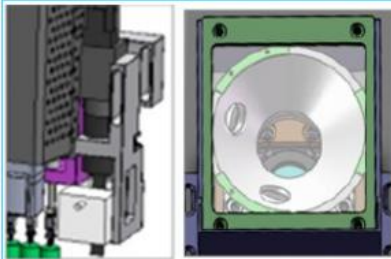


# Feeding Details



## 01 Modular Head

Ultra small chip 0201~40\*40mm  
Each module 10 spindles,  
both highspeed and intelligent  
with light compact design.



## 02 Optical Recognition Camera

High-precision Mark recognition System  
Fixed flight vision Camera



## 03 Docking Cart

Double side docking cart slot 32PCS  
Tape reel Packages:64PCS



## 04 Smart Double-head Tape feeder

By optically correcting  
Stable, accurate & high-speed feeding



## 05 IC Tray Feeder

Multi-layer feeder  
Freely switching between  
docking cart and IC Tray feeder

### ETON SMT machines

ETON are the manufacturer of SMT Machine, we can provide a whole SMT line solution and a whole SMT line machines, include PICK AND PLACE MACHINE, STENCIL PRINTER, REFLOW OVEN, CONVEYOR, loader machine, unloader machine, etc

### SMT basic process:

stencil screen--mounting part--reflow soldering--testing--rework

Stencil screen: Its function is to leak the solder paste onto the PCB pads to prepare for the soldering of components. The equipment used is a stencil printing machine, located at the forefront of the SMT production line.

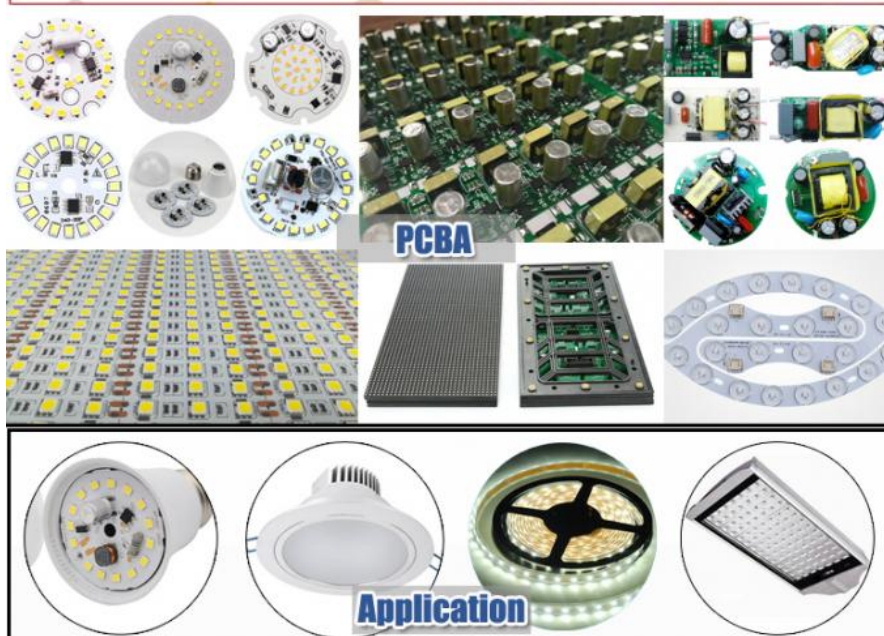
Mounting: Its function is to accurately mount the surface components to the fixed position of the PCB. The equipment used is a placement machine, located behind the stencil printing machine in the production line.

Reflow soldering: Its function is to melt the solder paste, so that the surface assembly components and the PCB board are firmly bonded together. The equipment used is reflow soldering and is located behind the placement machine.

Inspection: Its function is to inspect the welding quality and assembly quality of the assembled PCB board.



Rework: Its function is to rework the PCBA that has been detected to be faulty. The tools used are soldering iron, rework station, etc. Configured at any position in the production line.



### Services of ETON

**1: What about the shipping methods?**

Our mode of transportation is by sea, air and road.

**2:What's your delivery time?**

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

**3:How can you make sure we will receive the machine with high quality?**

Our team will inspect each batch of machine before delivery, we have certificates of CE,Quality management certificate.

**4:How is your service?**

If you buy our machine,we will send our engineer to your factory to install machine and training freely.

**5.Who is your client?**

We have exported machine to different countries,such as India,Egypt,Korea,Turkey,Brazil etc.  
Such as FSL,ETI,KONKA,OPPLE,MLS are our client,In india such as RK,Surya,skyquad are our client.

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