

## 220AC 50Hz 1.5w Power LED Electrical Board Pick and Place Machine with 52 Feeders Stations

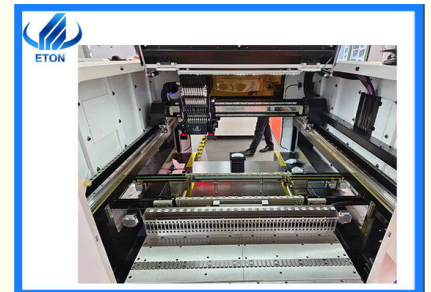
## Basic Information

- |                           |  |
|---------------------------|--|
| ● Place of Origin:        | China  |
| ● Brand Name:             | ETON   |
| ● Certification:          | CE,CCC,SIRA,ISO  |
| ● Model Number:           | YT10S  |
| ● 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  |

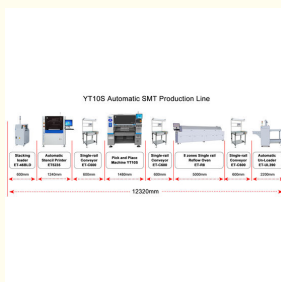


## Product Specification

- Max Pcb Size: 500\*450mm
- Warranty: 1 Year,12 Months
- Software: Windows 7
- Feeders Stations: 52PCS
- Power Consumption: 1.5KW
- Power: 220AC 50Hz
- Components: 0201~15MM Packaging Material And IC Material(Optional Fixed Camera For 0201~35\*35MM), Other Component Size Can Be Customized
- No. Of Nozzles: 10 PCS
- Highlight: **220AC 50Hz Pick and Place Machine ,  
52 Feeders Pick and Place Machine ,  
LED Electrical Board Pick and Place Machine**



***More Images***



## Product Description

### 1.5w power LED electrical board 10 nozzle pick and place machine

#### Machine main features

- 1.X,Y,and Z axis all adopt self-developed high-end magnetic linear motor
  - 2.Flexible PCB handling capabilities, multi-station,multi-material mounting
  - 3.Y axis adopts double drive gantry structure
  - 4.Support automatic replacement nozzle function(option)
  - 5.Apply to 0201~35\*35mm tape reel package and IC tray feeder
- Brand new self-developed high-precision placement head.
  - Combining high-accuracy mark recognition camera with a fixed-flight vision camera to ensure placement accuracy.
  - The placement head adopt independent vacuum detection,improve placement performance.
  - Off-line programming,saves time during changeover cycles.
  - The software includes AI Deep Learning and Automatic Optimization functions.
  - Supports providing an MES system interface.
  - Equipped with coordinate import function.

<b>Model</b>	<b>YT10S</b>
<b>Dimension</b>	
Length	1480mm
Width	2020mm
Height	1650mm
Total Weight	2380kg
<b>PCB</b>	
PCB Length Width	Max:500*450mm(1200*450 option) Min:50*50mm
PCB Thickness	0.5-5mm
PCB Clamping	Cylinder clamping, track width adjustable
Mounting Mode	Group picking and separate placingseparate picking and separate placing
<b>O.S.</b>	
System	Windows7
Software	R&D independently
Display	LED monitor
Input Device	Keyboard, Mouse
<b>Vision System</b>	
No. of Camera	1 PCS (Head flight vision camera) 2 PCS Mark camera
Mounting Precision	CHIP±0.03mm QFP±0.025mm Cpk ≥1.0 (3σ)
Mounting Height	≤16mm(Other height can be customized)
Mounting Speed	48000 CPH(Under best condition)
Components	0201~15MM packaging material and IC material(Optional fixed camera for 0201~35*35MM), Other component size can be customized
Components Space	0.2mm
No. of Feeders Station	52 PCS (104 PCS option)
No. of nozzles	10 PCS
Power	220AC 50HZ
Power Consumption	1.5kw
Operating Environment	23 ±3
Transmission Speed	1000mm/sec
Transmission Direction	Single(left→ right or right→ left)
Transmission Mode	Online drive
Position Mode	Optical
Gas consumption	0.4-0.6mpa (4-6kgf/cm2)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
Feeding way	Intelligent feeder with double motor
Production management MES system interface	Customized

#### Machine application

## 1. Lighting Industry



## 2. Household Appliances



## 3. Other Industry



### SMT Line solution

The SMT production line has two schemes: **semi-automatic and fully automatic line**. If you are just starting to do it, I suggest you do a semi-automatic production line, which **can effectively save your cost**.

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

### YT10S Semi-automatic SMT Production Line



### Our Exhibitions

Participate in various exhibitions at home and abroad every year (except during the epidemic period)

Domestic exhibitions: Guangzhou Guangya Exhibition, Shanghai Munich Exhibition, Chongqing LED Light Exhibition, etc.

Foreign exhibitions: India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, Thailand Exhibition, etc.



### Shipping and Delivery

Shipping Way:

By air, for sample and small package

By sea, for large package and quantity;

Other ways as customer requested.

Delivery Time:

Within 30 Days.

### **Air freight:**

for urgent good, and it is the most expensive transportation way;



### **Land transportation:**

suitable for inland countries and it is affordable;



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### **Shipping:**

It's suitable for heavy goods, and the convenience and lower cost of shipping which is easy for clients to accept the arrival time of the goods.

### **FAQ**

Q. Can you accept CIF as the quoted price?

A. We only accept EXW as the quoted price for it is convenient and lower cost for both sides.

Q. Can I pay by L/C.

A. The procedure of L/C payment is complicated, which will waste a lot of time on payment. For more, you need to wait longer to get the machine, which will delay your production plan and delay the opportunity.

Q. How many products can your machine make per day?

A. The capacity of our machine is according to the real products, and the number of components on your PCB board that is important factor to figure out the actual speed of our machine with your products.

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