



## High Speed LED Mounting Machine SMT Pick And Place Machine With 40000CPH 10 Heads

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: ccc,ce,risa
- Model Number: YT-101S
- Minimum Order Quantity: 1
- Price: FOB USD 46000/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

- Place Of Origin: China
- Name: YT-101S
- Mounting Height: <36mm
- Dimension: 3150\*2250\*1650mm
- Total Weight: 2000kg
- Power: 380AC 50HZ
- Power Consumption: 8KW
- Mounting Speed: 80000CPH
- Warranty: 1 Year
- Visual Camera: 2 Sets Of Imported Camera
- Drive Way: High-end Magnetic Linear Motor +servo Motor
- Highlight: **LED Mounting Machine High Speed,  
LED Mounting Machine 40000CPH,  
10 Head Pick And Place Machine**

## Product Description

### led lamp manufacturing machinery high speed led mounting machine led assembly machine smt pick and place machine smt production process

#### Features of SMT pick and place machine

##### **YT-101 SMT placement machine with high speed Multi Modular heads**

Apply high speed multi modular head, apply to ultra small chip 0201~40\*40mm large Chip, wider component range.

##### **YT-101 smt placement machine with Brand new flight vision Camera**

Improve recognition performance, size up to 40\*40mm, apply to BGA or CSP etc.

##### **YT-101 SMT placement machine with Vacuum Sensing Device and Ultra high speed capacity**

Each placement head with independent detection function, which improves the stability of the equipment and the reliability of the product.

Adopt high-end magnetic linear motor, servo system and multi function modular head, the capacity increased by 25% compared with traditional machine, optimum placement speed reach 40000CPH.

#### Pictures of pick and place machine





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## YT101S

### Features

Mounting precision:  $\pm 0.02\text{mm}$   
Feeder station: tape reel packages 32PCS  
Components: 0201~40\*40mm packaging material and IC material  
Mounting speed: 40000 CPH (Under the best conditions)  
PCB size: Max size (500\*350MM) Min size (50\*50mm)



#### Exclusive patented technology:

Electronic feeder feeding system

Independent vacuum detection  
of reclaiming material

Auto-optimization after coordinates  
generated



Web: [www.etonmtmachine.com](http://www.etonmtmachine.com)

SHENZHEN ETON AUTOMATION EQUIPMENT CO.,LTD

### SMT PRODUCTION LINE SOLUTION

The surface mount assembly process mainly includes the following steps: solder paste printing, component mount, and reflow soldering. The steps are summarized as follows:

**Stencil Printing:** solder paste is a follow-up material for the surface adhesive components and PCB to connect with each other. First, the steel plate is etched or laser cut, and then the solder paste is printed on the welding pad of PCB by the squeegee of the Printing machine, so as to enter the next step.

**Component Placement:** Component Placement is the key technology and work focus of the entire SMT process. The process USES highly precise automatic mounting equipment to accurately place the surface mount components on the solder pad of the printed PCB through computer programming. As the design of surface adhesive components is becoming more and more precise, the distance between the joints is becoming smaller, so the technical level difficulty of placement operation is increasing day by day.

**Reflow Soldering:** (Reflow Soldering) : Reflow Soldering is to have been placed on the surface of adhesive components of the PCB, after Reflow furnace first preheating with activated flux, to raise its temperature to 217 melt solder paste, feet and PCB Soldering pad connected components, then after cooling, cooling, make the solder curing, surface adhesive components and PCB bonding is completed.

## Semi-automatic Production Line Layout



### Advantages of SMT Production Line

1. Improvement of mounting quality
2. Improvement of productivity
3. Reduction of the burden on workers
4. More cost and production space savings

### Our Services

#### 1. Before order:

We will support professional suggestion of SMT line  
We will recommend the best module according to the products  
We will supply best quotation with factory price

#### 2. After order:

Machine will have good test and aging before shipping  
We support machine free installation and training, special time we support online training, and video teaching.  
We have Professional after-sales team, could solve problem as soon as possible  
Machine warranty is one year, during warranty, any parts need to be repaired and replaced will be free for clients.

### FAQ

For future coopertion, if you are also interested in SMT Line, please ccontact us as soon as possible. Here are some question as example:

#### 1. I want to produce led display, does your machine suitable for produce this product?

A: Yes, we could provide whole SMT Line for led display manufacturing, include stencil printer machine, pick and place machine, reflow oven machine, conveyor machine, etc

#### 2. We do not have any experience for machine operate, is it difficult for operating ?

A: Our machine is very easy ! friendly man-machine interface, simple and easy to learn, operator can control machine within a few days of training.

#### 3. I am from India, can I pay in Indian rupees?

A: So sorry, this order only support pay by USD or CNY. And we also support pay by Alibaba directly.

### Contact

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