



## PCB driver board SMT mounting machine apply to electrical product and LED lights

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC CE SIRA
- Model Number: YT202S
- Minimum Order Quantity: 1 SET
- Packaging Details: Vacuum wooden box
- Supply Ability: 50 PCS/month



#### Product Specification

- Name: SMT Mounting Machine
- Warranty: 1 Year
- Length: 2788mm
- Width: 1686mm
- Height: 1375mm
- Total Weight: 1700kg



## Product Description

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#### Product Description

YT202SMT placement machine, super easy-to-use LED display placement machine, minimum placement 0201, maximum placement 20mm, suitable for complex components such as BGA, CSP, PLCC and other packaging materials, in addition to simple LED lights, there are also Various home appliances.

This machine is a dual-module placement machine, with two hosts in one system, which can independently control each placement head. A single placement head has 10 suction nozzles, so this machine has a total of 20 suction nozzles, which can be simultaneously Into two identical PCB boards, the ideal production capacity is 80000CPH.

#### Feature

Machine highlights	High-speed Multi Modular Head: Adopt High-speed multi modular head, apply to ultra small chip 0201 ~ 40*40mm large Chip wider component range.
	Modular Head: Each module 10 spindles, both highspeed and intelligent with light compact design.
	Brand New Flight Vision Camera :Improve recognition performance.size up to 40mm*40mm, apply to BGA or CSP etc.
Flexible production	Vacuum Sensing Device:Each placement head with independent detection function, which improves the stability of the equipment and the reliability of the product.
	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
High reliability	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.

#### Appliance

YT202S model SMT placement machine is widely used:

First, its precision is very high, the smallest SMD component can be in 0201, and it can also mount precision IC packaging materials, such as BGA, CSP, PLCC, etc.

Second, each independent nozzle is controlled by an independent servo motor and can be rotated at any angle, so any electronic product can be mounted.

Application Products				
				
Bulb PCBA	DOB PCBA	Electric Board	Power Driver	Home Appliance Control Panel
				
LED Bulb	DOB Bulb	LED Street Light	LED Spot Light	LED Display
				
Panel Light	Corn Light	Floodlight	LED Down Light	Lens Products
				
Wall washing lamp	Light box	Flexible Strip	LED Tube	Industrial and mining lamp

**The main reasons for flying parts in the SMT placement process are as follows:**

Component thickness is set incorrectly. If the thickness of the component is thin, but the setting in the database is called thickness, the suction nozzle is put down before the component reaches the pad position, and the X.Y table fixed on the PCB moves at a high speed, causing inertial flight, so the component thickness should be set correctly.

The PCB thickness is set incorrectly. If the actual thickness of the PCB is thinner, but the database setting is thicker, the placement machine support pins cannot fully lift the PCB during the production process, and the components may drop down before reaching the pad position, resulting in flying parts.

PCB warpage that exceeds the tolerance of the placement machine can also cause flying parts.

**FAQ**

Q1: What is the minimum mounting accuracy of your product?

A: Our products can be divided into multi-function machines and special machines. The smallest components that can be attached to each machine are different. If you want to know more, you can contact me through the contact information at the bottom. I will provide you with more information about SMT Mounter.

Q2: What is the optimal capacity of your products?

A: The actual product of the mounter in this industry is conservatively estimated to be 60% of the optimal production capacity, but it all depends on the product you want to do, PCB design, component type, component quantity, etc.



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