



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

## YT20S Semiconductor Mounting Machine 0201 Component Mount Manufacturing Machine

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC, CE, SIRA
- Model Number: YT20S
- Minimum Order Quantity: 1 SET
- Packaging Details: wooden case,
- Delivery Time: 20 working days
- Payment Terms: T/T
- Supply Ability: 50 set per month



#### Product Specification

- Warranty: 1 Year
- Applicable Components: 0201
- Name: SMD Chip Mounter, SMT Pick And Place Machine, SMT Chip Mounter
- Condition: New, 100% Original
- Product Name: Place Machine \ LED Mounter \ LED Assembly Machine
- Mounting Speed: 98000 CPH
- Type: Automatic
- Feeders: 104
- Highlight: 0201 component mount machine,  
0201 semiconductor Mounting Machine,  
0201 component mount manufacturing machine



#### More Images



## Product Description

### Machine main features

#### Integrated Placement Head

Lightweight, head is integrally formed, the 10 sets of Z axes are independently controlled by modular magnetic linear motor, which greatly improves the speed, accuracy and stability

#### Precision Corner System

The modular corner system independently controls the angle of each component to ensure high-precision placement. 10 suction nozzles per head, with a center distance of 16mm.

#### Vacuum Sensing Device

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

#### Ultra-high-speed Capability

Adopting high-end magnetic linear motors and a multi-function Modular head, the placement capability has increased by 25% compared to traditional machines, with an optimum speed reaching 98000CPH

### Machine main parameter

<b>Model</b>	YT20S
<b>Dimension</b>	
Length	1480mm
Width	2680mm
Height	1650mm
Total Weight	2380kg
<b>PCB</b>	
PCB Length Width	Max:500*300mm(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	98000 CPH(Under best condition)
Components	0201~12MM 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	104 PCS
No. of nozzles	20 PCS
Power	220AC 50HZ
Power Consumption	1.5kw
Operating Environment	23°C±3°C
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

### Company Profile

Shenzhen ETON Automation Equipment Co. LTD. is a leading manufacturer of automatic high-speed pick and place machine focusing on "High efficiency Low consumption" in the world, meanwhile ETON is also the largest high-tech manufacturer in China with strong capability of design, R&D manufacturing, sales and service, and rated as "Shenzhen high-tech enterprise" "China high-tech enterprise" "Shenzhen top brand" "2019 LED Technology innovation Award" "The 4th China LED First Innovation Award" "Industry Special Contribution Award" "Double soft enterprise" etc.

Shenzhen ETON Automation Equipment Co., Ltd. has been committed to the development and manufacture of placement machine equipment, insisting on the concept of "serving customers" and establishing the market trend.



Comprehensive Building



Workshop area



Sheet metal workshop



Rack placement library



Parts warehousing



Assembly workshop

## Industrial area

## Workshop

## Exhibition

### Exhibition



We have participated in exhibitions in China, India, Turkey, Egypt, Pakistan, Tunisia, Vietnam, Thailand, Germany, Russia and other countries and regions, so that more overseas customers know us.

## Service

### 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.

## Shipping and package

All machines are packed with vacuum and wooden packing

Step1:Film packaging.

Step2:Vacuum packaging.

Step3:Wooden box packaging

You can trust us, because we have professional and standard packaging to protect the machine.



## FAQ

### 1. Is engineer free for machine install ?

A: Yes, we will sent engineer to your factory for machine free install and training once you buy our machine.

### 2. Is your machine suitable for manufacturing LED Bulb/Panel light/Lens/Display/Flexible strip light/etc?

A: Yes, SMT Machine is widely applied to all kinds of led lighting and electrical board. Suitable for mounting/printing led chip3014/3528/5050/etc,0402/0603/0805 resistor, capacitor, transformer, bridge, etc

### 3. Do you have led chip moulder machine?

A: Yes, ETON as the largest manufacturer of SMT Machine in China. We own more than 50000 square meters industry park in Jiangxi city, China. Set office in Shenzhen, Zhongshan, Zhejiang, India, Egypt, etc. We provide fellow machines:

1. High-speed pick and place machine for led lighting
  2. Multifunctional pick and place machine for all kinds of lighting and electrical board
  3. Automatic Stencil Printer machine
  4. Semi-automatic Stencil Printer machine
  5. Single conveyor machine
  6. Double rail conveyor machine
  7. Vibrator plate for lens/transformer/Capacitor/etc
  8. 8mm/12mm/16mm/24mm electrical feeder
  9. Eight zones reflow oven
  10. PCB cleaning machine
  11. Solder paste mixer
  12. Loader machine
  13. Unloader machine
  14. Whole SMT Line solution
- Etc.....

### 4. How about the operating language ?

Our machine support Chinese/English language.

### Contact David

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