



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

## High-speed SMT Mounting Machine With Multi-function Modular Head And Ultra-high-speed Capability

### 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: **High-speed SMT Mounting Machine,  
Ultra-high-speed SMT Mounting Machine,  
Multi-function Modular Head SMT Mounter**



#### 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 ±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

### Company Profile

- (1)Shenzhen ETON automation equipment CO.,Ltd. was founded in 2011 and Jiangxi Intelligent industrial Park was used in 2020. So far, ETON has more than 11 years experience.
- (2)ETON is the leading manufacturer of global photoelectric high speed pick and place machine and enjoys a good reputation around the world.
- (3)The produces have exported more than 30 countries and regions, including Egypt, India,Turkey, Russia, Brazil, South Africa and so on.
- (4)ETON has five level management policy:sincere business, focus on R&D, manufacturing intentions, considerate service, customer trust.
- (5)ETON also keep "no worries" after-sales service, and the products are supported to personal customization, specialist sale always track the production and transportation of equipment.



Comprehensive Building



Workshop area



Sheet metal workshop



Rack placement library



Parts warehousing



Assembly workshop

## Industrial area

## Workshop

### Exhibition

Our company participates in many exhibitions at home and abroad every year, You will see ETON's booth in some well-known large-scale exhibitions in China, including large-scale exhibitions held in Shenzhen, Guangzhou, Chongqing, Shanghai and other places. Foreign exhibitions include exhibitions in more than 20 countries including Mumbai, Delhi, Egypt, Turkey, and Vietnam.

### 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.

### Shipping and package



### Service

Maintenance period 1 year

One year warranty, during warranty, any parts need to be repaired and replaced will be free.

Software and hardware lifetime maintenance

Free upgrade software, software is Reach and develop by ETON, so we support whole lifetime free upgrade updates.

Visit customers regularly and gather information

Visit clients regularly. We attend different exhibition in different cities every year, at the same time, we will visit local clients and support our service and collect and feedback customer suggestions in time.

Provide latest information about technology and equipment

We give professional technology suggestion with our clients. And share the updates news to our clients

### FAQ

**Q: Can I go and see if you have sold the equipment to India?**

A: Yes, we have sold our machine in India, but for the fact we can't decide it for our customer, but I will try to contact our customer. Hope you can understand, because no one wants their competitors to visit their manufacturing site.

**Q: It's hard to use the machine?**

A: Machine is very intelligent and easy to operate, like the intelligent phone, also the software is made by our company, so we know how to make it more intelligent and operate friendly.

**Q: How long is the time of delivery?**

Generally, the test delivery period is one month.

### Contact David

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