



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

## 104 Feeders smd mounting machine, 98000CPH SMT Mounting Machine YT20S

Our Product Introduction

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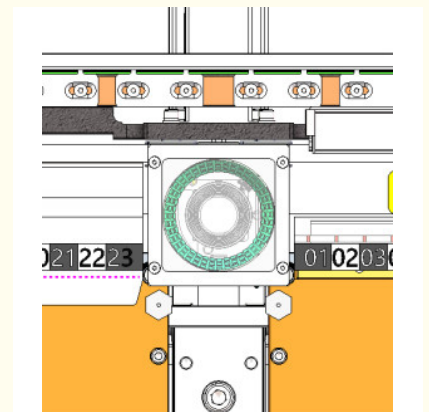
### Basic Information

- Place of Origin: china
- Brand Name: ETON
- Certification: CE,CCC,SIRA,ISO
- Model Number: YT20
- Minimum Order Quantity: 1set
- Packaging Details: woodencase
- Delivery Time: 20 workday
- Payment Terms: T/T
- Supply Ability: 50 set per month

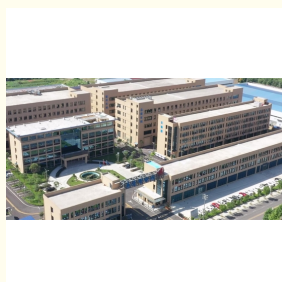


### Product Specification

- Highlight: YT20S SMT Mounting Machine,  
98000CPH SMT Mounting Machine,  
104 Feeders smd mounting 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>	<b>YT20S</b>
<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 $\pm 0.03$ mm QFP $\pm 0.025$ mm Cpk $\geq 1.0$ (3 $\sigma$ )
Mounting Height	$\leq 16$ mm (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 $\pm$ 3
Transmission Speed	1000mm/sec
Transmission Direction	Single(left $\rightarrow$ right or right $\rightarrow$ left)
Transmission Mode	Online drive
Position Mode	Optical
Gas consumption	0.4-0.6mpa (4-6kgf/cm <sup>2</sup> )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

### Applications

# ETON SMT MACHINE



## Our advantage

ETON is the pioneer of SMT machine field in China which have more than 18 years experiences. And owned CCC, SIRA, CE certificates with 9 invention patents, 112 practical patents, 12 software copyrights of intellectual property technologies. Oversea market: The products exported to more than 30 countries and regions, including South Korea, India, Vietnam, Tunisia, Egypt, Turkey, Russia, Brazil etc.

## Shipping and Delivery

As to the part of shipping and delivery, there are three ways for your reference, and different way is for different situations:

**Land transportation:** suitable for inland countries and it is affordable;

**Air freight:** for urgent good, and it is the most expensive transportation way;

**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.



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