



20 Heads PCB Assembly SMT Pick and Place Machine with Independent R D Software

Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA,ISO
- Model Number: YT20S
- Minimum Order Quantity: 1 set
- Packaging Details: Packing in film package and foam cotton, and covering vacuum bag within sturdy wooden boxes.
- Delivery Time: 30 working days
- Payment Terms: T/T
- Supply Ability: 50 sets per month

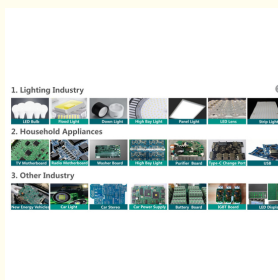


Product Specification

- Speed: 98000CPH
- Delivery: Within 30 Days
- Dimension: 1480mm *2680mm *1650mm
- Software: R&d Independently
- 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 Nozzles: 20 PCS
- Power: 220AC 50HZ
- Highlight: PCB Assembly Pick and Place Machine , 20 Heads PCB Assembly Machine , 20 Heads Pick and Place Machine



More Images



Product Description

20 heads high performance PCB assembly SMT pick and place machine

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

Model	YT20S
Dimension	
Length	1480mm
Width	2680mm
Height	1650mm
Total Weight	2380kg
PCB	
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
O.S.	
System	Windows7
Software	R&D independently
Display	LED monitor
Input Device	Keyboard, Mouse
Vision System	
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/cm ²)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

Our Exhibitions

Our company has participated in various exhibitions in foreign countries, including India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, etc.



Our advantage

Focusing on SMT high speed pick and place machine more than 20 years

The products exported to more than 30 countries and regions, including South Korea, India, Vietnam, Tunisia, Egypt, Turkey, Russia, Brazil etc.

ETON obtained 9 invention patents, 112 practical patents, 12 software copyrights of intellectual property technologies, to be a leading manufacturer of SMT trade.



SMT Line solution

YT20S Automatic SMT Production Line



Shipping and Delivery

Shipping Way:

- ✧ By air, for sample and small package
- ✧ By sea, for large package and quantity;
- ✧ Other ways as customer requested.

Delivery Time:

- ✧ Within 30 Days.

Shipping way

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.

FAQ

Q: How is the training?

A: After purchasing our machines, you can send your engineers to our factory, or we send our engineers to your factory, and then we will train your personnel to operate these machines. Online training and video tutorials.

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.

Contact me:

Whatsapp/Wechat: +8613632769526

Email: Noah@eton-mounter.com



Shenzhen Eton Automation Equipment Co., Ltd.



0086 13670197725 (Whatsapp/Wechat)



linda@eton-mounter.com



smtmountingmachine.com

HENGFENG INDUSTRIAL AREA,ZHOUSHI ROAD NO. 739,HEZHOU COMMUNITY,HANGCHENG STREET,BAOAN,SHENZHEN,CHINA