



YT20S SMT Mounting Machine 98000CPH Semiconductor Mounting Machine 0201

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 Semiconductor Mounting Machine, 98000CPH SMT Mounting Machine, Semiconductor Mounting SMT 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

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 ±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

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

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

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

Q: How can you make sure that the products won't be damaged or wet?

A: We take multiple measures to protect the products. They are first packing with individual. We put them into a carton and wrapped with plastic film and sealed with tape to keep the cartons in position and protect them from water.

Q: How is the breakdown rate of machine?

A: our machine is very stable,the breakdown rate is less than 0.001.

Q: What kind of machine will provide besides pick and place machine ?

A: ETON as the largest manufacturer of SMT machine in China, we provide whole SMT line, such as reflow oven, printer, conveyor, pick and place machine, Loader, Unloader, etc.

Q:What are your advantages?

A: Our company stick to five level management policy: sincere business, focus on R&D, manufacturing intentions, considerate service, customer trust.

Contact David

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