



220AC 50HZ Driver Board Electronic Product SMT Placement Machine for PCB Size 50*50mm 500*300mm

Our Product Introduction

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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

- Weight: 2380kg
- Machine Name: Automatic Pick And Place Machine
- Placement Range: 0201~12MM Packaging Material And IC Material(Optional Fixed Camera For 0201~35*35MM),Other Component Size Can Be Customized
- Feeders: 104 Pcs
- PCB Thickness: 0.5-5mm
- PCB Length Width: Max:500*300mm(1200*450 Option)
Min:50*50mm
- Mounting Speed: 98000 CPH(Under Best Condition)
- Mounting Height: ≤16mm (Other Height Can Be Customized)
- Highlight: **500*300mm SMT Placement Machine,**
PCB SMT Placement Machine,
Electronic Product SMT Placement Machine



More Images



Product Description

220AC 50HZ driver board electronic product SMT placement machine

Description

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

Machine application

1. Lighting Industry



2. Household Appliances



3. Other Industry



Our Exhibitions

As an experienced company of trading SMT pick and place machine with more than 30 countries and regions aboard, Eton has participated in many exhibitions of foreign countries, such as India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, etc. And also we have took part in our domestic exhibition, like Guangzhou Guanyu Exhibition, Shanghai Munich Exhibition, Chongqing LED light Exhibition, etc.



Related machine

ETON, a prominent SMT high-speed pick and place machine manufacturer in China, offers comprehensive solutions for SMT production lines, including peripheral devices such as stencil printers, conveyors, glue dispensers, transitionals, and reflow ovens.

Our complete SMT production line for LED light production includes the following essential machines:

Pick and place machine

Loader machine

Conveyor machine

Stencil printer machine

Reflow oven machine

Unloader machine

Solder paste mixer

Roll-to-roll LED strip light assembly machine

With ETON, you can access a seamlessly integrated and efficient SMT production process for LED light manufacturing.



Packages

As for the package of the machine, we put it in film packing and foam cotton, to prevent the dust and water of protecting the machine and keep dry of the machine during transportation, and equip with wooden boxes to transport to the specified port.

Step 1: Pack the machine in a foam cotton and stretch the film to protect the outside of it. Step 2: vacuum paper package and moisture proof bag, to keep dry of the machine during transportation to prevent moisture.




Step 3: Each exported machine will be equipped with sturdy wooden boxes, to ensure the safety of the machine.




Package
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Step 4: Transportation by trucks to the specified port. For the feeders and some spare parts usually we'll pack it separately with box.




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