



## Electrical Board SMT Pick And Place Machine 98000CPH High Speed for SMT Production Line

### 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



#### Product Specification

- Total Weight: 2380kg
- Delivery: 15-30days
- Nozzles: 20PCS
- Apply: SMT Production Line
- Optimum Mounting Speed: 98000CPH
- Feeders Stations: 104PCS
- Feeder: 104PCS
- Usage: SMT Mounting Machine,electrical Board
- Highlight: 98000CPH SMT pick and place machine, Electrical Board SMT Pick And Place Machine, 98000CPH High Speed SMT Production Line



#### More Images



## Product Description

### New 98000CPH high speed electrical board 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

<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±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/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


#### Certificates

As a seasoned leader in the SMT machine manufacturing industry, we have garnered a multitude of intellectual property technologies, boasting an impressive portfolio that includes 14 invention patents, 135 practical patents, and 55 software copyrights. Our commitment to innovation is further exemplified by our dedicated in-house Research and Development department, ensuring cutting-edge production and inspection capabilities.

Moreover, our relentless pursuit of excellence has been recognized on the international stage, with the acquisition of esteemed overseas certifications such as CE, CCC, SIRA, and more. These certifications underscore our unwavering dedication to quality, compliance, and technological advancement, solidifying our position as a trusted and pioneering force in the SMT industry.


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## Invention + Software Patents



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## Practical Patents



 Shenzhen high-tech enterprise	 China high-tech enterprise
 The 4th China Innovation Award	 Shenzhen TOP Brand
 2015 LED Tech Innovation Award	 Double soft enterprise

### Packages

Step 1: Wrap with stretch film to prevent the equipment from.

Step 2: Vacuum paper packaging and moisture-proof bag, so that the machine can be kept dry during transportation to prevent moisture.

Step 3: Use straps and triangular wood to fix the machine to prevent damage to the machine during transportation.

Step 4: Each exported machine will be equipped with sturdy export wooden boxes, to ensure that the delivered product is good.



## Package

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

### Shipping and Delivery

We usually transport the goods to the port in containers and then ship them to the destination. For the transportation of machines, land transportation and air transportation are also possible.

### **Air freight:**

for urgent good, and it is the most expensive transportation way;



### **Land transportation:**

suitable for inland countries and it is affordable;



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### **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.

#### **Service**

##### **Maintenance period 1 year**

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

##### **Software and hardware lifetime maintenance**

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

##### **Visit customers regularly and gather information**

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

##### **Provide the latest information about technology and equipment**

We give professional technology suggestions to our clients. And share the updated news with our clients

##### **On-site service**

We have some official site in India as Mumbai and New Delhi, also have site in Egypt, Turkey that can provide service timely with our engineers.

According to your needs, dedicated senior engineer will come to your factory for free install and training you how to operate the machine.

#### **Contact me:**

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