



## Customized 1.2m Electrical PCB Assembly Machine SMT Pick And Place Machine

### 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

- System: Windows 7
- Head: 20 Pcs
- Speed: 98000 Cph
- Pcb Thickness: 0.5-5mm
- Feeders: 104pcs
- Power Consumption: 1.5KW
- Mounitng Height:  $\leq 16\text{mm}$  (Other Height Can Be Customized)
- Model: YT20S
- Pcb Length Width: Max:500\*300mm(1200\*450 Option)  
Min:50\*50mm
- Highlight: **1.2m SMT Pick And Place Machine, 1.2m Electrical PCB Assembly Machine, Customized PCB Assembly Machine**



#### More Images



## Product Description

### Can be customized 1.2m electrical 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

<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 ±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

#### Packages

Packing in film package and foam cotton, and covering vacuum bag within sturdy wooden boxes.



### Market

Our products had exported to more than 30 countries and regions, including South Korea, India, Vietnam, Tunisia, Egypt, Turkey, Russia, Brazil etc. And here are some of our big customers: SURYA, POLYCAB, FIEM, RK, GK, TECHNO LED, CALCOM, ACK, KENDAL, RangDong, UNISTAR, and so on.

 NVC	 PAK	 SKYQURO	 SURYA	 Calcom
 POLYCAB	 orient electric	 KONARK	 RongDong	 RK
 FSL	 PHILIPS	 KENDAL	 MLS	 TCL

### SMT Line solution

## YT20S Automatic SMT Production Line



### Service

We provide whole line solution for our clients needs.

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

As long as you buy our machine we will arrange our engineers to install debug and training for you for free, until you learned how to operate the machine.

Chinese engineer can provide online services especially in the period of the COVID-19 epidemic.

If necessary, Chinese engineers will come to your factory for free install and training you how to operate the machine.

Free up-date of the machine's software.

We will arrange our engineers to visit your factory for check or test the status of the machine.

## Service

Noah+8613632769526

Free installation  
for arranging  
engineers to teach  
to operate machine  
and assembly,

Desirable after  
sales service,  
for maintenance,  
gathering  
information from  
customers

Provide a  
full line for  
production

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