



## 104 PCS Feeder Station R&D Software Universal Pick And Place Machine with 20PCS Nozzles

### 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

- Optimal Speed: 98000 CPH
- Warranty: 1 Year
- Machine Type: Multifunctional SMT Machine
- Feeders: 104 Pcs
- Operating Voltage: 220AC 50HZ
- Pcb Length Width: Max:500\*300mm(1200\*450 Option)  
Min:50\*50mm
- Pcb Thickness: 0.5-5mm
- Nozzles: 20PCS
- Highlight: Universal Pick and place machine ,  
104 PCS Feeder Pick and place machine ,  
20PCS Nozzles Pick place machine



#### More Images



## Product Description

### 104 PCS feeder station R&D software universal 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

#### Packages

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

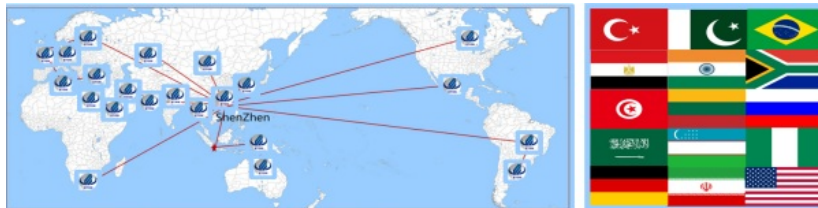


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## Market

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.



## 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.



#### **Our advantage**

ETON boasts an impressive track record with 14 invention patents, 135 practical patents, and 55 software copyrights. Pioneers in the Chinese SMT machine field, we bring over 11 years of experience and hold CCC, SIRA, and CE certificates.

Our global presence spans South Korea, India, Vietnam, Tunisia, Egypt, Turkey, Russia, Brazil, and beyond. ETON provides comprehensive SMT line solutions, including pick and place machines, reflow ovens, stencil printers, PCB conveyors, SPI, AOI, and more.

Specializing in SMT machines for LED bulbs, DOB, lenses, panel lights, downlights, streetlights, tubes, 0.5m, 1m strip lights, etc., ETON is a top brand in China's SMT machine manufacturing.

With a dedicated team of 500 employees, ETON takes pride in offering overseas engineers for free installation and training. Choose ETON as your reliable and experienced partner in the SMT industry.



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