



R&D Software Electrical Board Assembly 104 Feeder SMT Pick And Place Machine

Our Product Introduction

for more products please visit us on smtmountingmachine.com

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

- Components Space: 0.2mm
- Software: R&D Independently
- Warranty: 1 Year
- Mounting Head: 20pcs
- Dispensing Speed: 98000 CPH
- Feeders: 104
- Size: 1480mm *2680mm* 1650mm
- PCB Clamping: Cylinder Clamping, Track Width Adjustable
- Highlight: **104 Feeder SMT Pick and place machine, R&D Pick and place machine, Electrical Board Assembly Machine**



More Images



Product Description

R&D software electrical board 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

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

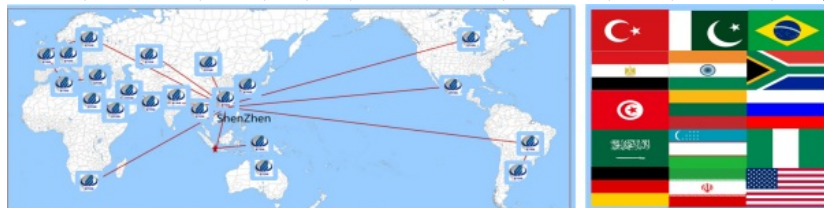
Packages

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:



SMT Line solution

YT20S Semi-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

1. A whole line for smt production;
2. Free installation for arranging engineers to teach to operate machine and assembly, commissioning machine;
3. Desirable after sales service, for maintenance, gathering information from customers;
4. Provide latest information about technology and equipment;
5. 1 year maintenance of the machine;

Our advantage

We can provide SMT line solution for you!

Pick and place machine/reflow oven/stencil printer/pcb conveyor/SPI/AOI.etc

1.Light Factory for :led bulbs,DOB,lens,panel light,downlight,streetlight,tube,0.5m,1m strip light,etc.

2.Provide Overseas engineers for Free installation and free training.

3.TOP brand of China SMT machine manufacturer,500 employees for ETON



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