



104 Station SMT Pick and Place Machine for High Speed LED Display Driver Board Assembly

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

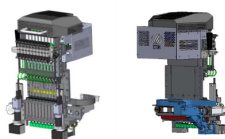


Product Specification

- Application: LED Lights, Electrical Products, Household Appliance
- Pcb Size: Max:500*300mm(1200*450 Option)
Min:50*50mm
- Dimensions: 1480mm *2680mm *1650mm
- No. Of Feeders Station: 104 PCS
- Nozzle: 20 PCS
- Transmission Direction: Single(left→ Right Or Right→ Left)
- Power: 220AC 50HZ
- Transmission Mode: Online Drive
- Highlight: 104 Station SMT Pick and Place Machine,
Driver Board Assembly Pick Place Machine,
LED Display Pick and Place Machine



More Images



Head Flight Vision recognition Camera
Head flight recognition + Head flight recognition camera (optional), high speed and high-precision identification.
The component can do 0201 to 35-35mm, height reliability of the product.
More further height can be customized

Vacuum Soldering Device
Each placement head with independent detection function, which improves the stability of the equipment and the reliability of the product.

Product Description

98000CPH high speed LED display driver 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

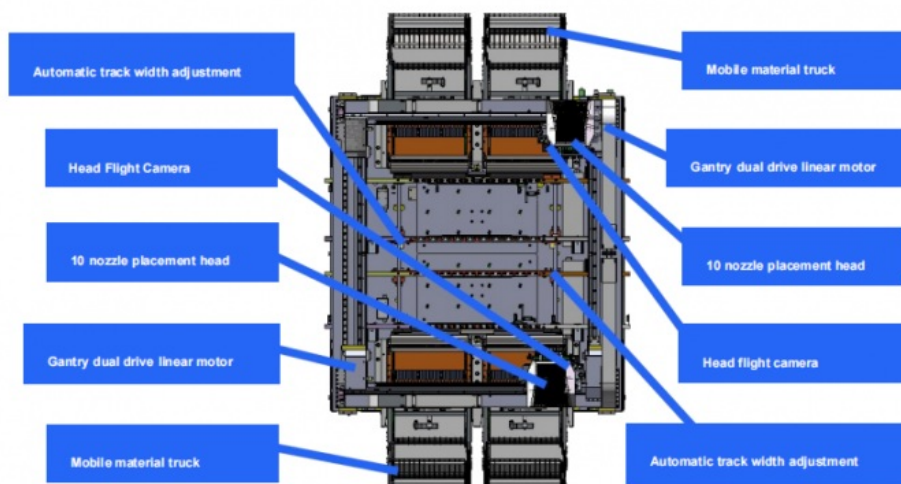
The modular corner system independently controls the angle of each component to ensure high-precision placement. 10 suction nozzles per head, with a center distance of 16mm.

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

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/cm ²)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.

ETON

Our Certification

9

Invention Patents








12

Software Patents











112

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.



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Step 1: Film packing and foam cotton prevent the dust and water to preprotect the machine;

Step 2: Vacuum package and moisture proof bag, to keep dry of the machine during transportation;

Step 3: Equip with sturdy wooden box and transported by trucks to the specific port.

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.

1.Land transportation:
suitable for inland countries and it is affordable;

2.Air freight:
for urgent good, and it is the most expensive transportation way;

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3.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.



FAQ

Q: Does your machines have quality certificates?

A: We are high-tech enterprise with CE, SIRA, CCC , ISO awarded as "Well-know brand" and many technology patents, and have rich experience (more than 13 years) in LED light production line program.

Q: why should you buy from us not from other suppliers?

A: We are high-tech professional manufacturer of SMT machine with more than 13 years with good quality and reputation. We have rich experience in helping client to start new factory and new line. "Professional, high-effective, cost-saving" are our advantages.

Semi-Automatic PET Bottle Blowing Machine Bottle Making Machine Bottle Moulding Machine PET Bottle Making Machine is suitable for producing PET plastic containers and bottles in all shapes.

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