



High Precision LED Display Pick And Place Machine Smart Double Feeder SMT Mounting Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT-101S
- Minimum Order Quantity: 1 Set
- Price: USD 46,000.00/ 1Unit/Units
- Packaging Details: Filming packing、 vacuum packing、 wooden packing
- Delivery Time: 30 work dayes
- Payment Terms: L/C, T/T
- Supply Ability: 50 Sets per month



Product Specification

- Dimension(L*W*H): 2154*1376*1762mm
- Weight: 1700kg
- PCB Length Width: Max Size:500*350mm
- PCB Thickness: 0.5~4.5mm
- Repeat Precision: $\pm 0.02\text{mm}$
- Mounting Height: $\leq 20\text{mm}$
- No.of Camera: 2 PCS
- Components Range: Min 0201~40*40MM Packages And IC Etc
- Rail: Rail 1 Is Fixed
- Power Consumption: 380AC50HZ 4KW
- Optimum Mounting Speed: 40000CPH
- No. Of Feeders Station: 16 PCS ,tape Reel Packages 32 PCS
- No. Of Head: 10 PCS
- Feeding Way: Intelligent Electric Feeder With Double Motor
- Highlight: **LED Display Pick And Place Machine.**



More Images



Product Description

High Precision Led Display Pick And Place Machine Apply To 0201~40*40mm Components

Pick and Place Machine features:

- 1.Brand new self-developed high-precision placement head
- 2.High-speed precision head flight vision camera capture the image of placement accordingly.improve the speed and accuracy of placement 3
- 3.10 heads,The placement head adopt independent vacuum detection,improve placement performance the optimum speed reached 40000cph.
- 4.Components:Apply to 0201~40*40mm tape reel package.
Improve recognition performance, size up to 40*40mm, apply to BGA or CSP etc
- 5.Off-line programming.save time of changeover cycle • Software AI intelligent learning function and automatic optimization function.
- 6.Feeder system:Intelligent electric feeder.

Machine parameter:

Model	YT101S
Dimension(L*W*H)	2154*1376*1762mm
Weight	1700kg
PCB length width	Max size:500*350mm
PCB thickness	0.5~4.5mm
Repeat precision	±0.02mm
Mounting height	≤20mm
No.of camera	2PCS Vision alignment, Mark correction
Components range	Min 0201~40*40MM Packages and IC etc
Rail	Rail 1 is fixed
Power consumption	380AC50HZ 4KW
Optimum Mounting speed	40000CPH
No. Of feeders station	16 PCS ,tape reel packages 32 PCS
No. Of head	10 PCS
Feeding way	Intelligent double head feeder.

Machine main part:

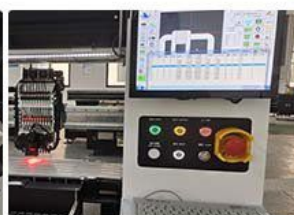
1. Mounting heads:After the nozzles is installed, take the material,mounting the components.
2. The feeder station: is used to place the feeder.
3. Software:The software is the brain control of the machine, the operation of the machine can program the placement program.
4. Drag chain:Wrap the wire to ensure the translation of the wire, reduce wear and prolong the service life.
5. Flight identification camera:Take a photo of the components picked up by the head, compare the placement program done with the Mark camera before, and calculate whether it is necessary to compensate for the positive components.
6. Electron magnetic valve:The solenoid valve of the placement machine can be matched with different circuits to achieve the desired control, and the accuracy and flexibility of the control can be guaranteed.



10 Heads



16 Feeder station



Software



Drag chain



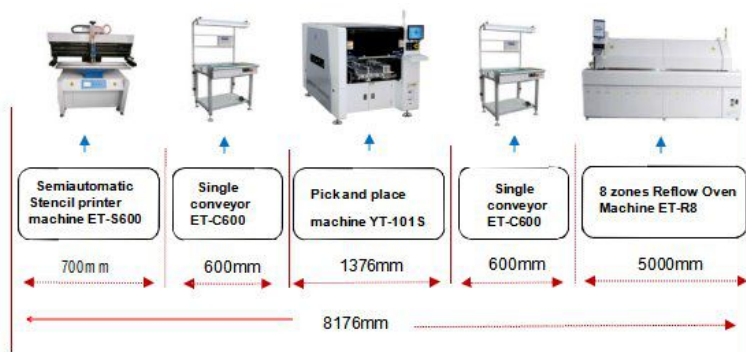
Flight identification camera



Electronmagnetic valve

SMT production line:

As a large company,Our enterprise has more than 20 years of experience in SMT machines field, we can provide you with complete line solutions.



Main process:

Step 1 Stencil printer: Printing solder paste on PCB

Step 2 Pick and place machine: Mounting components on PCB

Step 3 Reflow oven: Heating the solder paste with PCB to welding the components on PCB

Application:

This machine can be applied to components as small as 0201 and as large as 40mm, and can also mount BGA, CSP and other ball grid arrays.

The finished product is not only LED lights (like led bulb, down light, circuit board, power driver etc) but also more complex PCBA boards, such as more accurate display P2.5, P3.91 etc.

Packing:

Packing: standard is plastic film wrap the LED SMT machine, then load into one 20" container; Wooden box packing can be customized.

Delivery: 35-40 days after 30% T/T prepayment, buyer should come to inspect when we do test running, after testing, pay the 70% balance before delivery.



FAQ:

1. Why should you buy from us not from other suppliers?

We are high-tech professional manufacturer of SMT machine with more than 10 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.

2.Is your software interface in English?

English interface and Chinese interface are both available.

3.This is the first time I use this kind of machine, is it easy to operate?

Yes. There are English manual and guide video that show you how to use machine.

If there is any doubt in the process of operating the machine, please feel free contact us.

We also provide overseas on-site service.

4.Does the price include spare parts(nozzle and feeder)?

Different client has different requirements on spare parts, it is not fair to clients to add In equivalent price for spare parts. So we don't add the spare parts cost on price. And price is only for machine .



Shenzhen Eton Automation Equipment Co., Ltd.



0086 13670197725 (Whatsapp/Wechat)



linda@eton-mounter.com



smtmountingmachine.com

HENGFENG INDUSTRIAL AREA,ZHOUSHI ROAD NO. 739,HEZHOU COMMUNITY,HANGCHENG
STREET,BAOAN,SHENZHEN,CHINA