



YT20S SMT Mounter For Ultra Small Chip 0201~40*40mm Large Chip Wider Component Range

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT20S
- Minimum Order Quantity: 1 set
- Packaging Details: wooden case
- Delivery Time: 20working days
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Highlight: ultra small chip SMT Mounter, 40*40mm SMT Mounter, 0201 SMT Mounter



Machine main features

- Adopt High speed multi modular head, apply to ultra small chip 0201~40*40mm large chip, wider component range;
- Brand new flight vision camera improve recognition performance, size up to 40*40mm, apply to BGA or CSP etc;
- 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: Adopt high-end magnetic linear motor, servo system and multi function modular head, the capacity increased by 25% compared with traditional machine, optimum speed reach 80000 CPH;
- Brand new self-developed high precision placement head;
- Combine high accuracy Mark recognition camera with fixed flight vision camera, ensure placement accuracy;
- Double side docking cart slot 32PCS,tape reel packages:64PCS(single side docking cart slot 16PCS,tape reel packages:32PCS),freely switching between docking cart and IC tray feeder(IC tray feeder:Option)
- Smart Double-Head tape feeder: Support YT series double head intelligent electric tape reel feeder, by optically correcting the feeding position of the component, it can achieve stable, accurate and high-speed feeding;
- The placement head adopt independent vacuum detection, improve placement performance;
- Off-line programming, save time of changeover cycle;
- Software AI intelligent learning function and automatic optimization function.
- Two gantry, 20 spindles*2 Gantry, total 40 spindles;
- Flexible PCB handling capabilities, double rail, both gantry can mount the same large PCB at the same time, realizing flexible production.

Machine main parameter

| | |
|----------------------------------|---|
| Model | YT20S |
| PCB size | Max size: 500*450 mm(Single side) 500*300(Double side) Min size: 50*50 mm |
| PCB thickness | 0.5-4.5 mm |
| PCB clamping | Cylinder clamping, track width adjustable |
| Rail | 2 rail, 2 gantries(Rail 1,4 are fixed rail) |
| Software | R&D independently |
| Production management MES system | Customized (Option) |
| Off-line programming | Available |
| Camera | Bottom vision camera recognition/ Flight identification camera |
| Repeat precision | ±0.02 mm |
| Mounting height | ≤15mm |
| Position mode | Optical |
| Optimal speed | 80000 CPH |
| Component range | Min 0201~40*40 mm tape reel packages and IC tray feeder etc. |
| Position mode | Optical |

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|----------------------|--|
| No.of heads | Double side docking cart slot 32PCS,tape reel packages:64PCS(single side docking cart slot 16PCS,tape reel packages:32PCS),freely switching between docking cart and IC tray feeder(IC tray feeder:Option) |
| Feeding way | Intelligent double head feeder |
| X,Y,Z Axis drive way | High-end magnetic linear motor + Servo motor |


About us

In 2007, We established the Taipei R&D Center and started the special chip mounter technology and patent research and development.


In 2008, Hong Kong Hong ETON Group Co., Ltd. was established. ETON has made great achievements in the field of LED and has been working hard.

In 2011, Shenzhen ETON Automation Equipment Co., Ltd was founded. It is a manufacturing and process solution provider focusing on R&D, production, sales and service of SMT high-speed pick and place machine and SMT peripheral automation equipment.

Now, ETON has SMT high-speed pick and place machine division, precision solder paste stencil printer division, high-speed precision dispensing equipment division, and SMT peripheral automation equipment division.




ETON GROUP




ABOUT US


Shenzhen ETON Automation Equipment Co.,Ltd. was founded in 2011. ETON is the leading manufacturer of global optoelectronic highspeed pick and place machine,Full SMT line. the products are exported to more than 20 countries and regions, including South Korea,India,Vietnam,Tunisia,Egypt, Turkey,Russia,Brazil etc.



Testing workroom



Exhibition



ETON industrail park



Packing and Shipping:

Product Packaging:

The SMT Mounting Machine is carefully packaged in a sturdy cardboard box to ensure safe transportation. The machine is securely wrapped in protective foam padding to prevent any damage during shipping.

Shipping:

Orders for the SMT Mounting Machine are processed and shipped within 2 business days. We offer standard and expedited shipping options to accommodate your needs. Once your order is shipped, you will receive a tracking number to monitor the delivery status of your machine.

After sales service:

Throughout the entire process, we offer comprehensive support:

Pre-sale:

1. Provide a range of equipment, including pick and place machines, stencil printers, reflow ovens, conveyors, etc.
2. Offer SMT whole line solutions tailored to customer-specific factors such as factory layout, requirements, and products.

On-sale:

1. Provide real-time follow-up on the production status of the customer's machine.
2. Keep the customer informed of production progress through videos or photos.

After-sale:

1. Conduct on-site free installation.
2. Offer a one-year warranty and factory service.
3. Schedule two regular visits to the customer per year.
4. Provide free technical training.

Technical Support:

1. Deliver free technical training for operation and maintenance.
2. Offer 7*24 hours of technical online support.
3. Deploy local engineers in India (Delhi, Mumbai, and Daman), Turkey, and Egypt.

This comprehensive approach ensures that our customers receive support at every stage, from pre-sale consultations to ongoing technical assistance and maintenance.



Shenzhen Eton Automation Equipment Co., Ltd.



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