



80000 CPH SMT Mounter 20 Heads Automatic SMT Pick And Place Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT-20
- 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 days
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Warranty: 1 Year
- Applicable Components: Min 0201~40*40 Mm Tape Reel Packages And IC Tray Feeder Etc.
- Application: LED Lights, Electrical Products, Household Appliance
- Power Supply: 380AC 50HZ
- Condition: New
- Product Name: Automatic SMT Pick And Place Machine
- Weight: 1700KG
- Mounting Speed: 80000 CPH
- Dimension: 2788*1686*1375mm
- Pcb Thickness: 0.5-4.5 Mm
- Highlight: 20 Heads SMT Mounter, CCC Automatic SMT Pick And Place Machine, CE Automatic SMT Pick And Place Machine



Product Description

New value series reach 80000 CPH SMT mounter 20 heads

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	YT-20
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
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

Certificates

As an experienced manufacturer in SMT machine, we obtained a number of intellectual property technologies, including 9 invention patents, 112 practical patents, 12 software copyrights, with our won R&D department for production and inspection. And also earned the oversea certificates as CE, CCC, SIRA, etc.


21







Invention + 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

Our package step is follow the blowing:

STEP 1: Film packaging to prevent the dust and water;

STEP 2: Packing in a foam cotton stretch a film to protect the outside of the machine;

STEP 3: Vacuum paper package and moisture proof bag, to keep dry during the transportation;

STEP 4: Equip with sturdy wooden boxes to ensure the safety of the machine, then transportation by trucks to the specified port.

Delivery: by sea, air, land transport.



Step 1: Film packing
and foam cotton
prevent the dust and
water to protect 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.

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Service

Provide a suitable service for our clients is the vital mission for our company, for sure, here are some tips as blowing:

Provide a whole production line

Within the warranty period, any problems of the machine, or the replacement of accessories is free to solve

After the warranty period, every year we will arrange engineers to check or online operating the machine 1-2 times freely

Enjoy a free up grade of the machine

Service

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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;

FAQ

Q. What is your actual speed of your products?

A. For the actual speed of the machine which is constrained by many factors, that related to the number of the components, the time to send PCB board and receive the board, etc. And is decide for the actual products and needs.

Q. If I need a perfect line of the machine can you supply?

A. Yes, for the requirements of a whole line for production, we have professional equipment to make up for a perfect production line for your products, on account of we have a 50000 square meters of industrial park and excellent R&D staff, which can produce 50 sets of machine per month.

Q. How was your services?

A. We ensure our clients to enjoy an optimal experience of the service of communication and relevant needs of the machine for installation, maintenance and free up- grade.

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