



## 80000 Capacity SMT Placement Machine with Magnetic Linear Motor

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT-202S
- 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
- 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
- Highlight: **80000 Capacity SMT Placement Machine, SMT Placement Machine With Linear Motor, SMT Placement Machine With Magnetic Motor**



## Product Description

### Magnetic linear motor 80000 capacity SMT placement machine

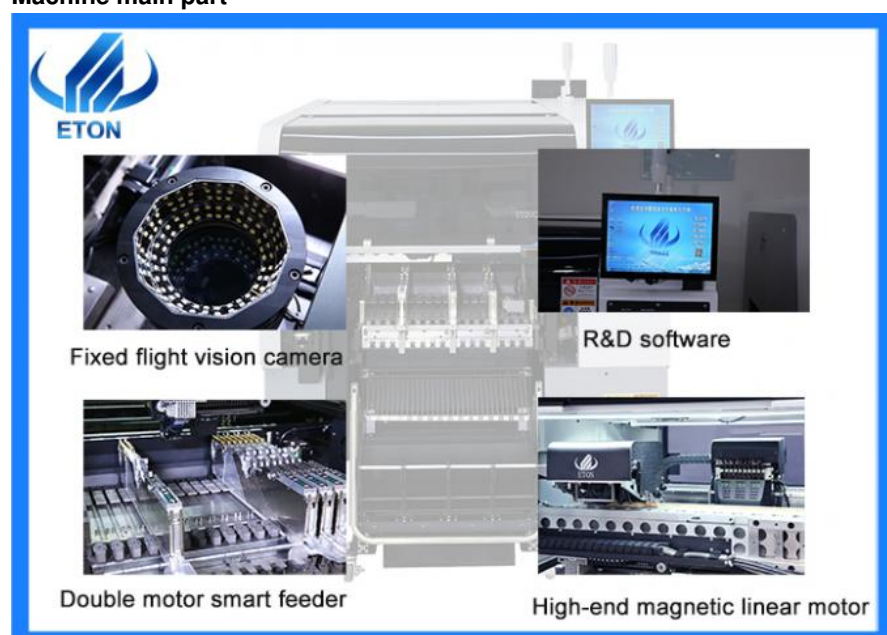
#### Description

Adopt High speed multi modular head, apply to ultra small chip 0201~40\*40 mm large chip, wider component range;  
 Brand new flight vision camera: Improve recognition performance, size up to 40\*40 mm, 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;  
 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, 10 spindles \*2 Gantry, total 20 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-202S
PCB size	Max size: 500*450 mm(Single side) 500*300 mm(Double side) Min size: 50*50 mm
PCB thickness	0.5-4.5 mm
Rail	2 rail, 2 gantries(rail 1,4 are fixed rail)
Camera	Bottom vision camera recognition, Vision alignment + Mark camera
PCB clamping	Cylinder clamping, track width adjustable
Software	R&D independently
Production management MES system	Customized (Option)
Off-line programming	Available
Camera	Head flight vision recognition component Vision alignment + Mark correction
Repeat precision	±0.02 mm
Mounting height	≤15 mm
Optimal speed	80000 CPH
Component range	Min 0201~40*40 tape reel packages and IC tray feeder etc.
Position mode	Optical
No.of heads	Double side: 20 pcs Single side:10 pcs
Feeding way	Intelligent double head feeder
X,Y,Z, Axis drive way	High-end magnetic linear motor + Servo motor

#### Machine main part



#### SMT Line solution

The diagram illustrates the production process for LED chips, consisting of five sequential steps:

- 01 Semi-autom stencil printer**: A machine used for printing solder paste onto the PCB.
- 02 Double conveyor**: A conveyor system for transporting the PCB.
- 03 Mounter machine YT-202S**: A machine used for mounting LED chips onto the PCB.
- 04 Double conveyor**: A conveyor system for transporting the PCB.
- 05 Reflow oven ET-R8**: An oven used for soldering the LED chips onto the PCB.

The production process is summarized as follows:

- Step 1 Print solder paste:** Printing solder paste on PCB
- Step 2 Mounting led chips:** Mounting led chips at the designated position of PCB
- Step 3 Soldering:** Heating the solder paste to make led chip welding together

As for the 11 years trade with more than 30 countries with our SMT high speed pick and place machine, we have come into business with many partners:



Participate in various exhibitions at home and abroad every year (except during the epidemic period)  
Domestic exhibitions: Guangzhou Guangya Exhibition, Shanghai Munich Exhibition, Chongqing LED Light Exhibition, etc.  
Foreign exhibitions: India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, Thailand Exhibition, etc.



### 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;

Noah+8613632769526

#### 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.

### FAQ

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 is the differences of your multifunctional machine and high-speed machine?

A. The mounting mode of multifunctional and high speed machine which decides the range of their mounting products, and the mounting capacity is to distinguish this two types of the machine, such as multifunctional pick and place machine RT-1 with capacity of 40000 CPH, while high speed mounter machine HT-T9 with 250000 CPH capacity.

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