



## High precision 0201 CE surface mounted technology pick and place machine

### Our Product Introduction

for more products please visit us on [smtmountingmachine.com](http://smtmountingmachine.com)

#### Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT-101
- 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



#### Product Specification

- Power Supply: 380AC 50HZ
- Weight: 1700KG
- Warranty: 1 Year
- Condition: Brand-new
- Mounting Speed: 45000 CPH
- Feeders: 16 Pcs
- Pcb Thickness: 0.5-4.5 Mm
- Positioning Accuracy:  $\pm 0.02$  Mm



## Product Description

### High precision 0201 CE surface mounted technology pick and place machine

#### Description

Adopt High speed multi modular head, apply to ultra small chip 0201~10 mm large chip, wide component range;  
 Brand new flight vision camera: Improve recognition performance, size up to 10mm\*10mm;  
 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 45000 CPH;  
 Brand new self-developed high precision placement head;  
 High-speed precision head flight vision camera capture the image of placement accordingly, improve placement performance;  
 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.

#### Machine main parameter

Model	YT-101
PCB size	Max size: 500*350 mm Min size: 50*50 mm
PCB thickness	0.5-4.5 mm
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	45000 CPH
Position mode	Optical
Component range	Min 0201~10mm packages and IC etc.
Position mode	Optical
No.of heads	10 pcs
X,Y,Z Axis drive way	High-end magnetic linear motor + Servo motor
Feeding way	Intelligent double head feeder

#### SMT Line solution

The SMT production line has two schemes: **semi-automatic and fully automatic line**. If you are just starting to do it, I suggest you do a semi-automatic production line, which **can effectively save your cost**.

The equipment required for the semi-automatic production line includes:

**Semi-automatic printing machine:** the solder paste is printed on the PCB pad through the stencil;

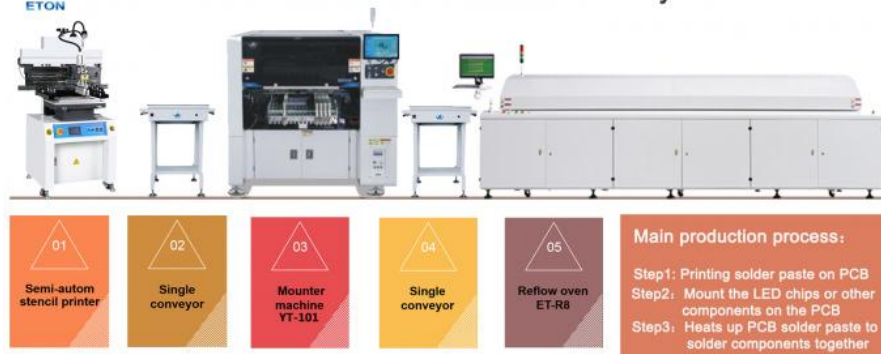
**Pick and place machine:** mount the led chips or other components on the designated position on the PCB board;

**Reflow oven:** melting the solder paste to make it adhere to the mounting components;

**Conveyor:** inspect the placement and soldering quality, and also play a role in transferring PCB boards and buffering on the SMT production line



#### Semi-automatic Production Line Layout



#### Packages

Our package step is follow the blowing:

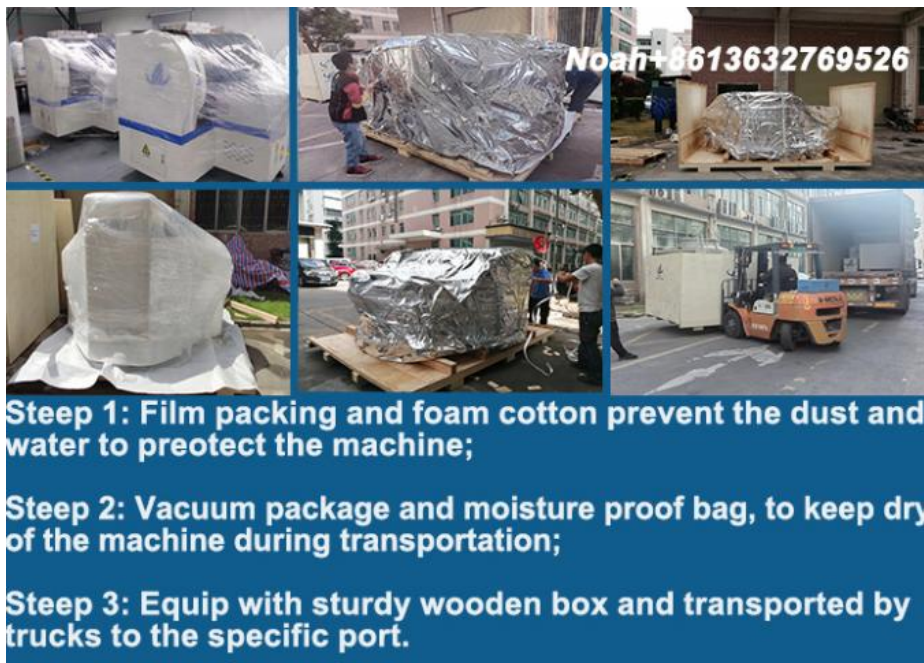
STEP 1: Film packaging to prevent the dust and water;

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.



### Service

High service efficiency, there is service office in India. Besides India, we also have local engineers in Egypt, Turkey. Can provide you with timely services.

Chinese engineers provide online services. If necessary, Chinese engineers will come to your factory for free install and training.

Quality First, Client-oriented, Continuous Improvement.

24 hours online for you to answer.



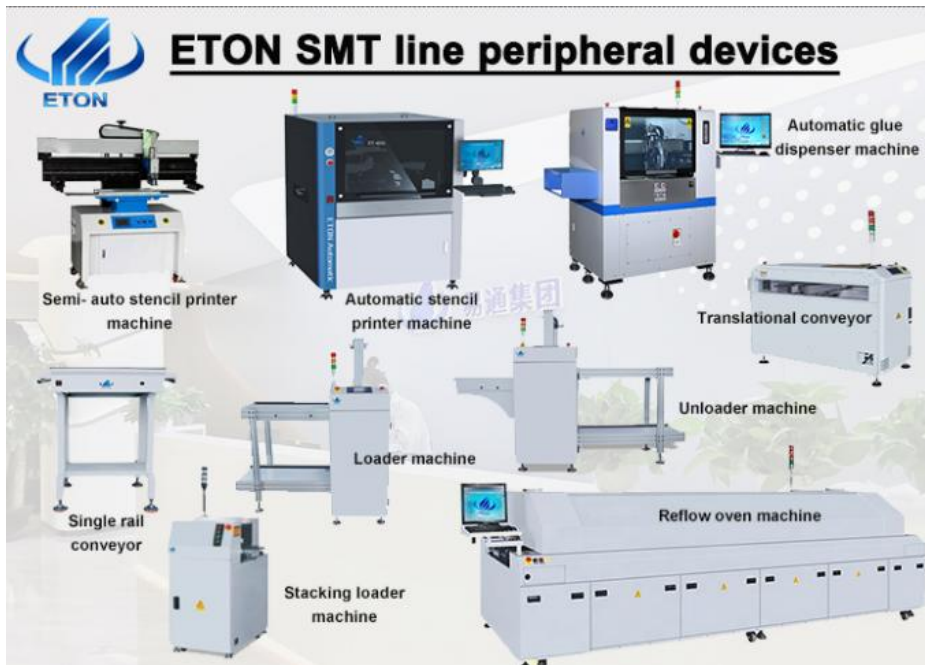
### Market

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:





Related machine



#### FAQ

Q. Can you accept CIF as the quoted price?

A. We usually accept EXW as the quoted price.

Q. Whether you have professional engineers for installation of the machine in India?

A. Yes, we have professional engineers in India with local office site in Delhi and Dammam to provide considerable service to our clients.

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

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