



## SKD making 90000 capacity panel light making SMT pick and place machine

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA
- Model Number: YT-202
- 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

- Weight: 1700KG
- Mounting Speed: 90000 CPH
- Dimension: 2317\*1376\*1762 Mm
- Warranty: 1 Year
- Application: SMT Production Line
- Power Supply: 380AC 50HZ
- Feeders: 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)
- Pcb Thickness: 0.5-4.5 Mm
- Positioning Accuracy:  $\pm 0.02$  Mm



## Product Description

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#### Machine main features

Adopt High speed multi modular head, apply to ultra small chip 0201~10 mm large chip, wider component range;  
 Brand new flight vision camera: Improve recognition performance, size up to 10 mm\*10 mm;  
 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 90000 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-202
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
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
Position mode	Optical
Optimal speed	90000 CPH
Component range	Min 0201~10 mm packages and IC 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 application



PCB



PCBA



Bulb



street light



Floodlight



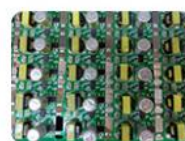
Down light



Lens



Panel light



Power driver

#### 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



## Market

Our products had exported to more than 30 countries and regions, including South Korea, India, Vietnam, Tunisia, Egypt, Turkey, Russia, Brazil etc. And here are some of our big customers:  
 SURYA, POLYCAB, FIEM, RK, GK, TECHNO LED, CALCOM, ACK, KENDAL, RangDong, UNISTAR, and so on.



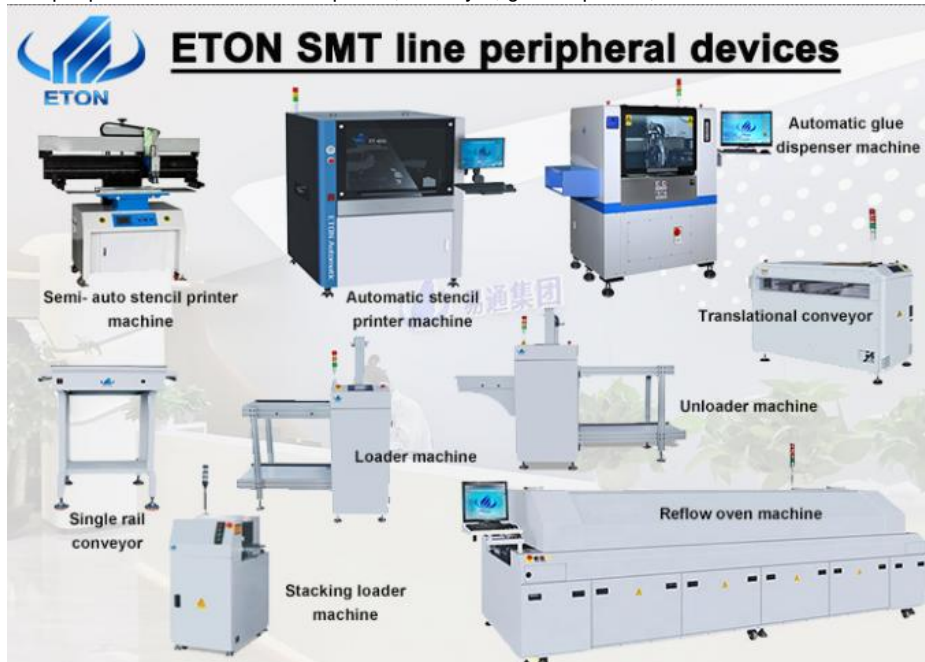
## Our Exhibitions

Our company has participated in various exhibitions in foreign countries, including India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, etc.



### Related machine

ETON is a leading SMT high speed pick and place machine manufacturer in China, and we also provide whole line solution with peripheral devices as stencil printer, conveyor, glue dispenser, transitional and reflow oven etc.



### FAQ

Q. How long is the machine maintenance period, whether it is free?

A. The maintenance period of our machine is 1 year and its free for our clients, after the maintenance period we will arrange our engineers to check and test the machine one or two times a year freely.

Q. How many components can your pick and place machine mount in a PCB board?

A. While this is for our clients needs and the size of the PCB board.

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