



## Min 0201 Chip SMT Placement Machine Multi Modular Head Automatic Optimization

### 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.
- Name: SMT Value Series YT-20 Pick And Place Machine
- Application: LED Lights, Electrical Products, Household Appliance
- Power Supply: 380AC 50HZ
- Weight: 1700KG
- Mounting Speed: 80000 CPH
- Dimension: 2788\*1686\*1375mm
- Pcb Thickness: 0.5-4.5 Mm
- Highlight: **0201 Chip SMT Placement Machine, Automatic Optimization SMT Mounter, AI intelligent SMT Mounter**



## Product Description

### Apply Min 0201 chip automatic optimization SMT placement head

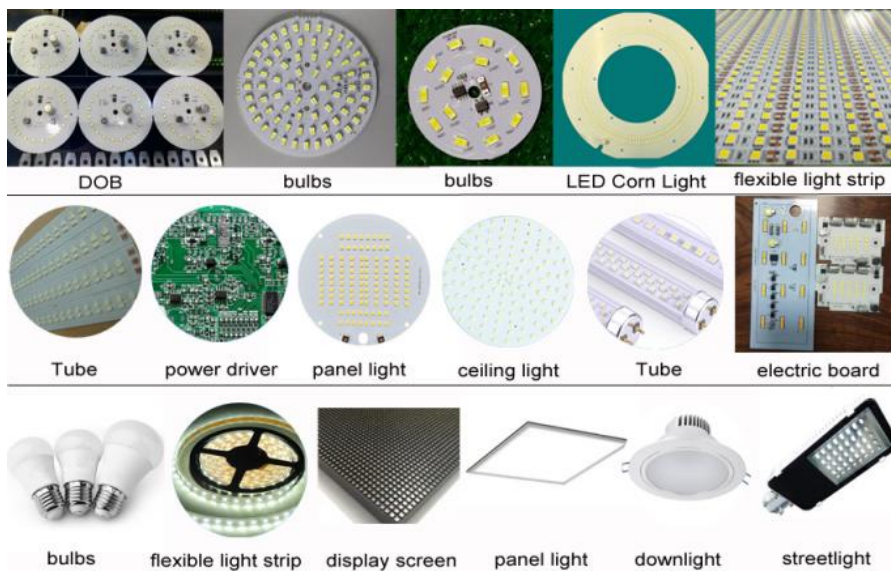
#### Machine main features

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

#### Machine application



### 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.

## Our Certification

# ETON

### 9 Invention Patents

### 12 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



## Market



## Packages

Step 1: Wrap with stretch film to prevent the equipment from.

Step 2: Vacuum paper packaging and moisture-proof bag, so that the machine can be kept dry during transportation to prevent moisture.

Step 3: Use straps and triangular wood to fix the machine to prevent damage to the machine during transportation.

Step 4: Each exported machine will be equipped with sturdy export wooden boxes, to ensure that the delivered product is good.



## Package

Noah+8613632769526



**Step 1:** Pack the machine in a foam cotton and stretch the film to protect the outside of it. **Step 2:** vacuum paper package and moisture proof bag, to keep dry of the machine during transportation to prevent moisture. **Step 3:** Each exported machine will be equipped with sturdy wooden boxes, to ensure the safety of the machine. **Step 4:** Transportation by trucks to the specified port. For the feeders and some spare parts usually we'll pack it separately with box.

## Related machine

We can provide a whole SMT production line, led light production line:

1. Pick and place machine
2. Loader machine
3. Conveyor machine
4. Stencil printer machine
5. Reflow oven machine
6. Unloader machine
7. Solder paste mixer
8. Roll to roll led strip light assembly machine



## ETON SMT line peripheral devices



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