

## RT-4 LED Four Module SMT Mounting Machine 16KW PCB Smt Assembly

Our Product Introduction

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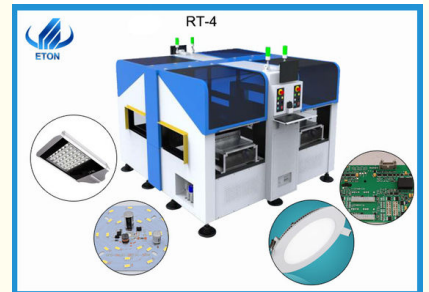
### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC/CE/SIRA
- Model Number: RT-4
- Minimum Order Quantity: 1 Set
- Packaging Details: wooden box with vacuum package
- Delivery Time: 30 days after deposit
- Payment Terms: T/T
- Supply Ability: 50 sets per month



### Product Specification

- Dimension: 2086mm\*2237mm\*1500mm
- Total Weight: 4500kg
- Delivery: Within 30 Days
- Power Consumption: 16KW
- Software: R&D Independently
- System: Windows 7
- Transportation Method: Sea/land /rail /air
- Package: Vacuum Packaging + Wooden Box Packaging
- Transmission Mode: Online Drive
- Position Mode: Optical
- Highlight: **Four Module SMT Mounting Machine, SMT Mounting Machine 16KW, Smt Assembly Pick And Place Machine**



### More Images



## Product Description

### RT-4 Automatic LED Four-module SMT mounting machine / PCB smt assembly pick and place machine

#### Features:

1. The four-module magnetic levitation linear multifunctional placement machine adopts high-end magnetic levitation linear motor + servo motor, which greatly improves the accuracy and stability of the placement machine, and also greatly reduces the noise during the placement process.
2. The four modules can produce four different products at the same time, which greatly saves manpower, material resources and production time, improves the mounting efficiency, and the production capacity reaches 120,000 to 140,000 CPH.
3. It has 80 paper feeders and 40 suction nozzles, and the mounting method is group picking and separate placing, separate picking and separate placing. Each mounting head is controlled by an independent motor and can be mounted at different angles Components at the same time.
4. 8 sets of high-speed synchronous recognition cameras can simultaneously perform visual correction on 40 placement heads to absorb different electronic components. The machine also has an automatic replenishment function.
5. The two modules on the same side can be installed with two different materials, for example, the first module is installed with lamp beads, the second module is installed with various special-shaped components, etc., which can save the installation time of the PCB board. Improve work efficiency.
6. The XY axis moving mechanism adopts high-precision grinding ball screw + servo motor, which has high precision, long life and low wear.
7. High-performance adaptability, accuracy is controlled at the level of plus or minus 0.04mm.
8. Intelligent automatic programming: The operation is simple and convenient, which greatly saves the time of editing process files and improves work efficiency.
9. Dual-motor electronic feeder, stable feeding, no need for repeated calibration.

#### Technical parameter:

##### 1.Dimension:

<b>Model</b>	<b>RT-4</b>
<b>Length</b>	2086 mm
<b>Width</b>	2237 mm
<b>Height</b>	1500 mm
<b>Total Weight</b>	4500 kg

##### 2.PCB:

<b>Model</b>	<b>RT-4</b>
<b>PCB Length width</b>	Max:500*310mm Min:50*50mm
<b>PCB Thickness</b>	0.1~6mm
<b>PCB Clamping</b>	Electric clamping
<b>Mounting Mode</b>	Group picking and separate placing, separate picking and separate placing

##### 3.Mounting Components:

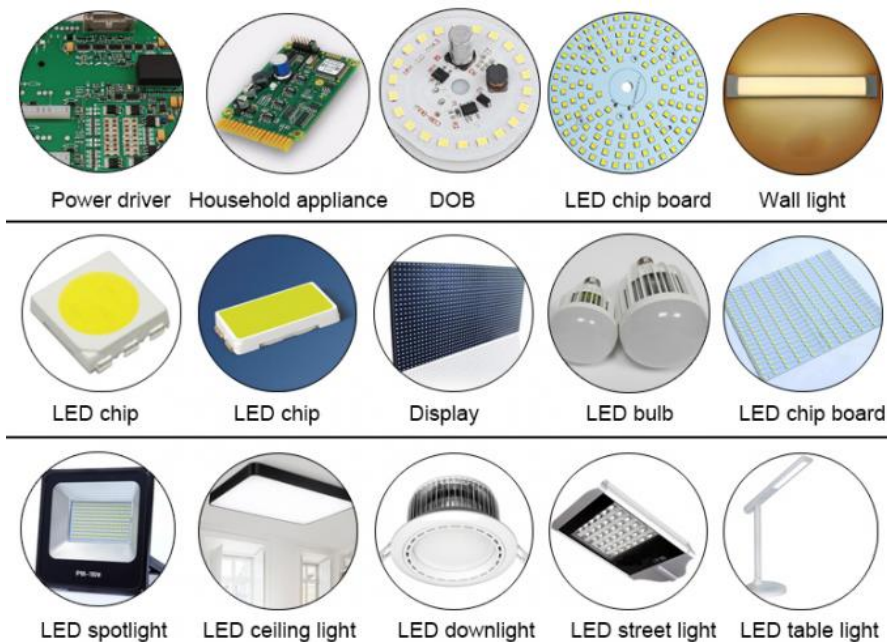
<b>Model</b>	<b>RT-4</b>
<b>Mounting Height</b>	≤7.5mm
<b>Components</b>	LED,capacitor,resistor,shaped components,etc.
<b>Component Size</b>	MAX:17mm, MIN:0402
<b>Mounting Precision</b>	±0.04mm

##### 4.Machine structure and capacity:

<b>Model</b>	<b>RT-4</b>
<b>No.of Camera</b>	8PCS
<b>Feeders Station</b>	80PCS
<b>No. of nozzles</b>	40PCS
<b>X,Y,Z Axis Drive way</b>	Magnetic linear motor + servo motor
<b>Feeding way</b>	Electric feeder with double motor
<b>Mounting Speed</b>	120000~140000CPH

#### Application:

1. Installation components: LEDs, capacitors, resistors, ICs, special-shaped components, etc.
2. Installation products: DOB, bulb light, downlight, panel light, street light, power supply, circuit board, driver, household appliance control panel, etc.



#### **ETON Company:**

Since its establishment, Shenzhen ETON Automation Equipment Co., Ltd. has been committed to the development and manufacturing of placement machine equipment, insisting on the concept of "serving customers" and establishing the market trend. After more than 10 years of accumulation and precipitation, ETON Automation has broken through various technical difficulties in the patch industry, mastered core innovative technologies, and obtained a series of related invention patents.

The company has been committed to the research and development and manufacturing of placement machine equipment, always with the concept of "serving customers", keeping up with the market trend, and launching LED light board placement machines, LED flexible light strip placement machines, A series of products such as non-wire flexible light strip placement machine, LED display placement machine, copper wire lamp placement machine, lens placement machine and module placement machine, maximize customer needs.

#### **ETON corporate culture:**

The company's five management policies:

Sincerely operate, concentrate on research and development, create with heart, considerate service, considerate service, and customers can rest assured.

ETON mission: professionalism, excellent technology, sharing results.

ETON goal: to create a national brand and build an international Chinese enterprise.

ETON purpose: to create value for customers and create benefits for the society.

ETON Vision: Determined to become the world's most competitive placement machine and cutting-edge electronic testing equipment production and service provider.

#### **Power of teamwork**

Mainly focus on research and development. The basic staffing is as follows:

R & D team: 45

Production personnel: 70

Marketing staff: 55

Customer Service Staff: 30

#### **Team, dedication, innovation**

Emphasize the strength of the team, rely on the strength of the team to enhance the strength of the team

I believe that every employee has incomparable potential. In order to realize the ideals and beliefs in life, we continue to dedicate our ingenuity to the company.

Unswervingly adhere to market-oriented, keep improving, continuously improve product quality, and innovate service standards.



**50000 m<sup>2</sup> factory, 45000 m<sup>2</sup> production workshop, International level management.**



**China Top brand, the leading manufacturer of SMT machine.**



**Global fastest machine, 250000CPH New world record. Own R&D team**

#### **Certificate:**

Since its establishment, ETON has been dedicated to the research and development of product technology. In 2014, it obtained the certification of "National High-tech Enterprise". The company independently developed a number of intellectual property technologies, including 9 invention patents and 12 software copyrights. Practical patent 112. In the domestic LED market, ETON Automation Equipment Co., Ltd. has always occupied a leading position and is the leading brand of SMT equipment in China.

The following are some of the honor certificates obtained by the company:





#### After service:

### After-sales service:

- 1. We will send engineers to your factory to install machines and training for free.  
Make sure you learn to operate the machine in the shortest possible time.
- 2. We have service offices in India and local engineers in Delhi and Mumbai.  
Can be quickly supported.
- 3. In addition to India, we also have local engineers in Turkey and Egypt, who can  
install and train machines for you for free.
- 4. 1 Year warranty. During the warranty, any parts that need to be repaired and  
replaced are free of charge.
- 5. Our Chinese engineers are online 24 hours a day, if you have any questions,  
you can contact us at any time.
- 6. Provide professional SMT full-line solutions.
- 7. Provide customers with the latest production technology and equipment  
information regularly, and customers can enjoy free software updates for life.

#### Remarks:

- 1.Payment terms: Deposit 30% in advance ,the balance 70% should be paid before shipment by T/T.
- 2.Delivery time: 30 days after deposit.
- 3.Warranty: 1 year.(including spare parts)

Package and delivery:

1. Standard export vacuum waterproof package
2. Strong wooden package for ensure safely delivery of heavy and large equipment
3. Delivery: By air, sea and railway.

**FAQ:**

**Q1: How is the breakdown rate of machine?**

A: Our machine is very stable, the breakdown rate is less than 0.001.

**Q2: I have never used a placement machine before, is it easy to operate?**

A: Machine is easy to operate, usually 3 to 5 days training of operating is enough.

**Q3: What's the MOQ?**

A: One set machine, mini order is also welcomed.

**Q4: Is your software interface in English?**

A: English interface and Chinese interface are both available.

**Q5: What's the terms of payment? What about the trade term?**

A: T/T is OK. You can choose FOB Shenzhen.

**Q6: What is the difference between dual module and single module?**

A: The dual module has one more module than the single module, which has more capacity and faster efficiency.



**Shenzhen Eton Automation Equipment Co., Ltd.**



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