



## Megnatic Linear Motor SMT Mounting Machine , Led Light Bulb Making Machine Automatic

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE,SIRA,CCC,ISO
- Model Number: RT-1
- Minimum Order Quantity: 1 set
- Price: EXW USD 33000/sets
- Packaging Details: Our packing is made of wooden box with vacuum package, and we promise to deliver the goods within four weeks after payment.
- Delivery Time: 30 days after deposit
- Payment Terms: T/T
- Supply Ability: 50 sets per month



#### Product Specification

- Name: SMT Mounting Machine
- Drive Way: Megnatic Linear Motor
- Feeders: 32 PCS
- Capacity: 45000CPH
- Display: Touch Screen Monitor
- PCB Size: 1200\*350mm
- PCB Clamping: Electric Clamping
- Power: 380V
- Highlight: **smt pick and place machine ,  
smt pick and place equipment**

## Product Description

### SMT mounting machine/ fully automatic led light bulb making machine

#### Details

Two kinds of visual location system, one is Mark locating visual system in the upside another one is importing camera components location adjust recognition system in the downside, which can insure the accuracy of SMT.

The Z axis was powered by 10 servomotors and made by CNC brushed aluminum rod which insured the high-speed material feed.

Powerful function: with different material feeder, it can finish different SMT for led product.

Easy operation system:

Easy maintenance: it is very easy to maintain with its simple operation system. The maintenance cost is very low.

The software, PCB board and other components are developed by ETON ,with independent intellectual property rights.

RT-1 is a high speed full automatic pick and place machine.

26 feeder stations, standard feeder is available.

Use ball screw, servo motor control system imported .

Ten Placement Heads can pick components at the same time.

Time saving by the ten nozzles are examined over the two sets of imported cameras at the same time.

Multi-Vision System: Total four cameras make placement more accurate.

It is a compact placing machine that offers the flexibility (component flexibility, PCB flexibility and production flexibility) and speed to meet the demands of an ever-changing market.

#### Advantages:

1. Used in any LED product, cost-effective.
2. A lots of components can be placemnet.
3. it with of high quality; fast placement; 10 nozzles and electric feeders.
4. Professional after-sales service team provides overseas service.

#### The reference configuration

1. Control system: industrial computer + precision motion control card, software system :ETON independently developed operating system

3. Motion motor: magnetic levitation linear motor

4. Nozzle layout: independently develop various types of nozzles

5. Sliding device: precision screw + linear guide rail

6. Visual device: mark point recognition + component recognition + high-precision recognition

7. Feeder: adopt precise electric feeder

RT-1		
PCB	PCB length width	Max:400*350mm min:50*50mm
	PCB thickness	0.1~6mm
	PCB clamping	Electric clamping
	Mounting mode	ØGroup to pick and separate to place ØSeparate to pick and separate to place
O.S.	system	Windows 7
	software	R&D independently
	display	Touch screen monitor
	Input device	Keyboard , mouse
Vision system	No.of camera	2 sets of imported camera Vision alignment ,mark correction
	Mounting precision	0.02mm(repeat precision)
	Mounting height	<25mm
	Mounting speed	30000~35000CPH
	Components space	0.2mm
	Power	380AC 50HZ
	Power consumption	6KW
	Conveyor transmission	Max length:500mm
	Transmission speed	>1500mm/sec
	Transmission direction	Single
	Transmission mode	Auto online drive
	Air pressure	>5.0kg /cm <sup>2</sup>
	Electrical control	Independent research and development by ETON
	X,Y,X axis drive way	Servo motor control for X,Y,Z axis
Feeding system	Feeding way	
	No.of feeders station	26 PCS
	No.of nozzles	8 PCS
	Feeding way	Electric feeder with double motor

#### Company information

Shenzhen Eton Automation Equipment co., LTD. is a professional manufacturer of pick and place machine. Our company independently research, development, design and manufacturer a set of high -speed good quality SMT pick and place machine. And we received a number of patents issued by the state certificate and support. Nowadays, we have served many factories and enjoyed good reputation.

## Our Services

**Company five level management policy:** sincere business, focus on R&D, manufacturing intentions, considerate service, customer trust.

**Eton Purpose:** To create value for customers, creating benefits for society.

**Eton Mission:** Professional,Excellent technology,Share the results.

**Eton goal:** To create a national brand,build international Chinese enterprise.

**Eton purpose:** To create value for customers,creating benefits for society.

## FAQ:

### 1,How many cameras does the machine have?

There are two sets of imported cameras.Using exclusive patent technology:vision for the flight identification,Mark correction.

### 2.What is the direction of transmission of machines?

The transmission direction of this machine is both direction.

### 3. What kind of driving mode does the XYZ axis adopt?

X axis is magnetic liner motor,Y axis and Z axis is servo motor,very good performance and high accuracy.

### 4. What is the mounting mode?

Group to picking and separate to placing,Separate to picking and separate to placing.

### 5.Is your software interface in English?

English interface and Chinese interface are both available.



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