



## Automatic Four Arm LED Chip Mounting Machine 136 Heads Strip Light Making 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: T9-2S
- 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



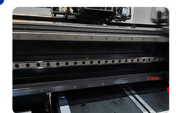
#### Product Specification

- Warranty: 1 Year
- Name: SMT Automatic Pick And Place Machine
- Application: LED Any Length Of Flexible Strip
- Power Supply: 380AC 50HZ
- Mounting Speed: Double Side: 500,000 CPH Single Side: 250,000 CPH (Optimum Speed)
- Dimension: (L)3454\*(W)3035\*(H)1777 Mm
- Feeders: Double Side: 136 PCS (Single Side: 68 PCS)
- Pcb Thickness: 0.1-0.5 Mm
- Highlight: **Four Arm LED Chip Mounting Machine, Automatic Strip Light Making Machine, 136 Heads Strip Light Making Machine**

#### T9-2S spare parts



Mounting module



Magnetic linear motor



Double rail



Nozzles

#### More Images



## Product Description

### Automatic four arm LED chip strip light making 136heads mounting machine

#### Machine main features

Wide components range: High speed modular heads apply to LED 3014/3020/2835/5050 and resistors, capacitors, bridge rectifiers etc.

Unique design component leaking detection and individual component refill function. Recognition camera record the component leaking position of PCB, and fill the missing component accordingly.

Ultra high speed capacity: 500,000 CPH

Intelligent electric feeder, supporting high-speed machine series.

Adjust the conveying platform according to various roll to roll strip, range  $250 \pm 10$  mm, the max length range is 1M per cycle.

The distance of feeder station can be flexibly adjusted to achieve group picking and group placing, so as to realize the function of two time picking and once placing.

The range of feeder station is double of placement four kinds of materials at the same time.

Automatic production with identification date, correction and fill missing component automatically.

Flight recognition camera, no pause to detect the presence or absence of components, component adsorption state, prevent placement errors.

The clamping rod is driven by the air cylinder to correct the materials taken by mounting head.

With the function of filling missing component automatically, realize industry 4.0 Unmanned Workshop.

Complaint with CE standards.

#### Machine main parameter

Model	T9-2S
Dimension	(L)3454*(W)3035*(H)1777 mm
Total weight	3100 kg
PCB size	250( $\pm 10$ )mm* Any length
PCB thickness	0.1-0.5 mm
PCB clamping	Vacuum adsorption, cylinder clamping, track width adjustable
Mounting way	Group picking and group placing
Mounting mode	Double rail + Four groups of placement heads
No. of camera	10 sets (Digital camera)
Software	R&D independently
Repeat precision	$\pm 0.05$ mm
Mounting height	$\leq 5$ mm
Mounting speed	Double side: 500,000 CPH Single side: 250,000 CPH (Optimum speed)
Components range	LED 3014/3020/2835/5050 and resistors, capacitors, bridge rectifiers etc.
Power consumption	9.6 KW
No. of feeder station	Double side: 136 PCS (Single side: 68 PCS)
No. of nozzles	Double side: 136 PCS (Single side: 68 PCS)

#### Machine main part



#### Machine application



## T9-2S Value series mounter application



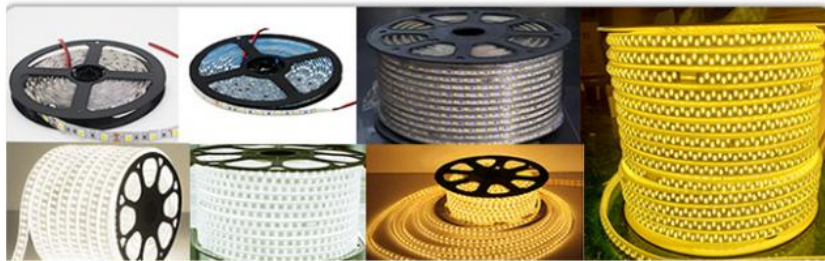
PCB



PCBA



Flexible strip



### 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.

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## Invention + Software Patents



112

## Practical Patents



Shenzhen high-tech enterprise

The 4th China Innovation Award

2015 LED Tech Innovation Award



China high-tech enterprise

Shenzhen TOP Brand

Double soft enterprise

### Market

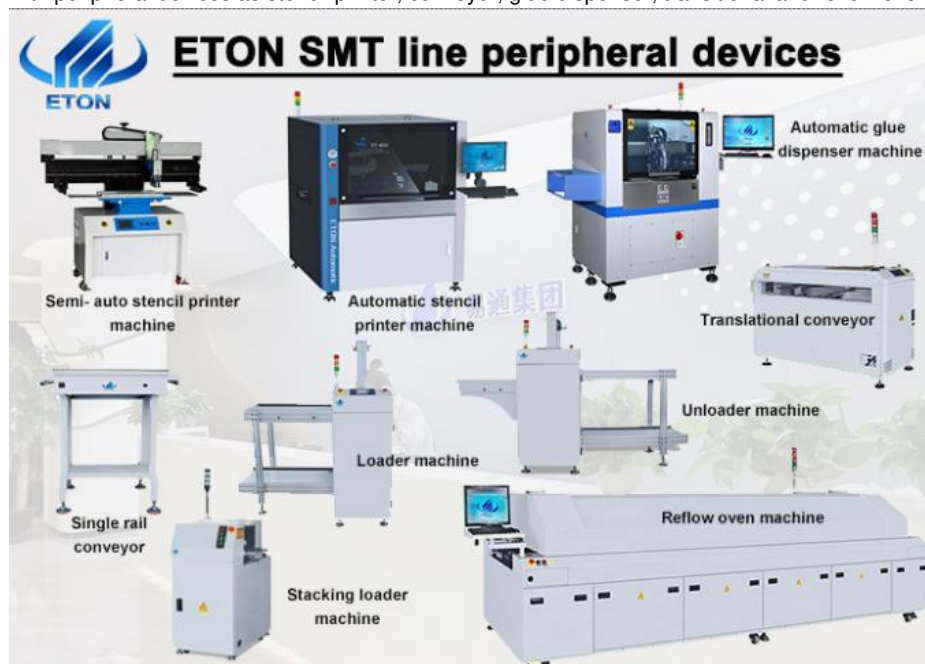
As for the 11 years trade with more than 30 countries with our SMT high speed pick and place machine, we have come into business with many partners:






#### Related machine

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.



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