# pick and place machine ,smt pick and place ,automatic pick and place, magnetic linear motor high speed mounter machine,

# **Basic Information**

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity: 1 unit
- Price:

ETON

- · Packaging Details:
- Delivery Time:
- 30 work days L/C, T/T Payment Terms:
- Supply Ability:

**Product Specification** 

80\*350mm~350\*1200mm Adjustable Pressure Pneumatic

80 units per months

Waterproof material packing and wooden

- Pcb Clamp;ing:
- Software: • Display:

System:

• Pcb Size:

- Input Device:
- No. Of Camera:
- POWER:
- Power Consmption:
- Mounting Mode:
- Components Space:
- Feeders Stations:
- Nozzles:
- Mounting Speed:
- Mounting Height:

- Windows7 R&d Independently
- **Touch Screen Monitor**
- Keyboard, mouse

china

eton

ht-f9

case

ccc,ce,sira

\$80000/unit

- 5 380AC 50HZ
- 6kw
- Group Of Group Of Stick
- 0.2mm
- 68PCS
- 68PCS





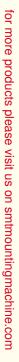
# More Images







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# **Product Description**

Producing with 2 types of materials with capacity at same time, available for 5m,50m or any length of flexible strip and roll to



## 2.product Technical parameters of high speed pick and place machine

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Model number	HT-F9
Dimension	2700*2120*1550mm
PCB size	1200*330 80*330mm
PCB thickness	0.5 5mm
PCB clamping	adjustable pressure pneumatic
mounting mode	group to take and group to mount
system	windows 7
display	touch screen monitor
input device	keyboard,mouse
NO.of camera	5 sets of imported camera
mounting precision	±0.03mm
mounting height	<13mm
mounting speed	200000CPH
components	LED3014/3020/3528/5050 and resistors,
components	capacitors, bridge rectifiers
components space	0.2mm
NO.of feedings station	68pcs
NO.of nozzles	68pcs
power	380AC 50HZ
power consumption	6KW
operating environment	23 ±3
conveyor transmission	MAX length:1200mm
transmission speed	>500mm/sec
transmission direction	single(left→right,right→left)
transmission mode	online drive
position mode	optical
air pressure	>5.0kg/c
electrical control	independent research and development by ETON
motion control card module 1set	independent research and development by ETON
X.Y axis drive way	high-end magnetic linear motor+servo motor
feeding way	electric feeder with double motor



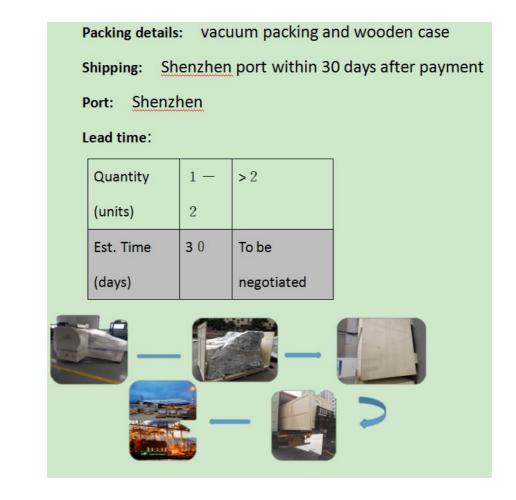
## 2.product features of smt pick and place machine

X,Y,Z drive way is high-end magnetic linear motor+servo motor. Install 5 camera and adopt vision for the flight identification, mark correction. PCB clamping is electric clamping+adjustable pressure pneumatic. Vision for the flight identification ,mark correction. Electronic feeder feeding system. Non-stop material re-loading function. Auto-optimization after coordinates generated.



#### 2Packing & shipping of smt mounter machine

Packaging materials	Waterproof material and wooden case
Lead time	Delivery within 30 days after receipt of payment
port	Shenzhen
Delivery time	Transshipment and partial shipment according to the contract



6.Company profile



In November 2011, shenzhen yito ng automation equipment co., ltd. was established in shenzhen, China onal high-tech enterprise t is a nati dedicated to the research an s and afteroduction, sale sales technical service of ounter. Ou anagement policy is sincere operatio rch and de velopment, manufacturing, intimate assure Our aim is to ervice ty. We aspire to be the create value for customers and for th ben fit world's most competitive placement machine and cutting-edge electronic testing equipment manufacturing and service provider.

ETON

Business type	Manufacturer, distributor/wholesales
Year established	2011
Country/region	Guangdong, China
Total employees	101-200 people
Main products	Pick and place machine, SMT LED machine, LED light production
	machine, LED light assembly machine.
Total annual revenue	US\$1million - US\$2.5million
Product certification	CE ,CCC ,SIRA
Main markets	Domestic market 70.00%,Southeast Asia 8.00%, South Asia 7.00%
ownership	limited company



### 7.Our clients

the company has an absolute leading market share in the LED industry, and its products are exported to more than 20 countries including Korea, India, Vietnam, Tunisia, Egypt and Turkey.



#### 8.FAQ

## 1) Do you have oversea after sale service?

We have set up an overseas office in India.We can offer technical support abroad. If you have any technical problem, our engineers will support you promptly.

#### 2)How is the training?

You can send your engineers to our workshop to study, or we can send our engineers to your workshop for guidance. We guarantee that the training will not be completed until your operators are fully trained.

#### 3) It's hard to use the machine?

No, not at all. Touch screen display, English operation interface. Generally training about five days can be skilled in the operation of the machine.

4) Does your machines have quality certificates?

We are high-tech enterprise with CE,SIRA,CCC .

#### 5)How about the warranty?

We guarantee it for one year free of charge. Software updates are free for life.



Higher precision,

faster speed,

# independent research and development,

in China supplier ETON!

#### SMT placement speed

SMT the speed of the placement machine is generally divided into theoretical speed and actual speed. The theoretical speed refers to the patch speed of the placement machine in the optimal state, including the speed under the optimal arrangement of the Fida installation sequence, the patch sequence, the patch head selection, etc. The actual speed is that in the actual production situation, the real speed is generally lower than the theoretical speed because it is impossible to reach the optimal state in the specific situation. To improve the speed of SMT placement machine is to improve the SMT placement machine's actual patch speed should be considered from several aspects.

SMT theoretical speed is the amount obtained by absorbing 0402 component equipment on a dedicated test board at full speed to identify the mount. It usually takes only a few minutes to calculate a theoretical value of one hour.

The placement machine is classified according to the SMT patch speed, and the placement machine can be divided into low speed, medium speed, high speed and massive patch system (the patch rate is more than 20,000 per h).

(1) Low speed mounting machine. A low-speed placement machine has a patch rate of less than 3000 h.. The loading cycle time is generally less than 1 s/ point, which is generally suitable for product trial production, new product development, small batch production and special SMC/SMD.

(2) Medium speed mounting machine. The patch rate of medium speed placement machine is generally 3000~8000 pieces / h, patch cycle time is generally at 1~0.5 points. it is suitable for situations with wide SMC/SMD range, rich accessories, perfect function, high patch accuracy and certain production efficiency. In addition, the performance-price ratio of equipment is moderate, is the priority of small and medium batch production equipment.

(3) High speed mounting machine. The patch rate of high speed placement machine is more than 8000 per h, and the patch cycle time is less than 0.4 s/ points. High production efficiency, suitable for mass production, especially for the use of a large number of chip capacitors, chip resistors and small SMD occasions, and a small number for the production of special SMD.

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