



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

Our Product Introduction

for more products please visit us on smtmountingmachine.com

Basic Information

- Place of Origin: china
- Brand Name: eton
- Certification: ccc,ce,sira
- Model Number: ht-f7
- Minimum Order Quantity: 1 unit
- Price: \$75000.00/unit
- Packaging Details: Waterproof material packing and wooden case
- Delivery Time: 30 work days
- Payment Terms: L/C, T/T
- Supply Ability: 80 units per months



Product Specification

- Pcb Size: 80*330mm~1200*330mm
- Pcb Clamping: Adjustable Pressure Pneumatic
- System: Windows7
- Software: R&d Independently
- Display: Touch Screen Monitor
- Input Device: Keyboard,mouse
- No. Of Camera: 6
- POWER: 380AC 50HZ
- Power Consumption: 5kw
- Mounting Mode: Group To Take And Group To Mount
- Components Space: 0.2mm
- Feeders Stations: 68PCS
- Nozzles: 34PCS
- Mounting Speed: 150000CPH~80000cph
- Mounting Height: 13mm



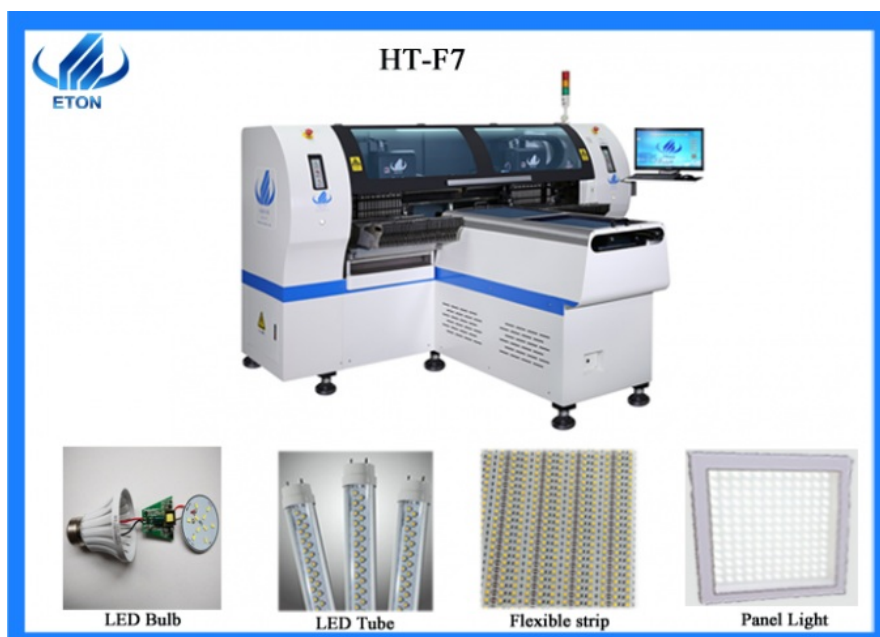
More Images



Product Description

1.product details

Components of this high speed SMT mounter machine ht-f7 can mount include LED3014/3020/3528/5050 and resistor,capacitors,bridge rectifiers,etc.



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

Model number	HT-F7
Dimension	2700*2120*1550mm
PCB size	80*330 1200*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	±0.02mm
mounting height	<13mm
mounting speed	200000CPH
components space	0.2mm
NO.of feedings station	68pcs
NO.of nozzles	34pcs
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



3.product features of smt pick and place machine

X,Y,Z drive way is high-end magnetic linear motor+servo motor.

PCB clamping is 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.



4.Packing & shipping of smt mounter machine

The packing	vacuum packing and wooden case
The port	Shenzhen
The delivery	Delivery within 30 days after payment
The transport	Transshipment and partial shipment are negotiable

**packing
&
shipping**



5.Company profile



In November 2011, shenzhen yitong automation equipment co., ltd. was established in shenzhen, China. It is a national high-tech enterprise dedicated to the research and development, production, sales and after-sales technical service of SMT high-speed SMT mounter. Our management policy is sincere operation, concentrate on research and development, manufacturing, intimate service, customers rest assured. Our aim is to create value for customers and benefit for the society. We aspire to be the 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



6.Our Our certificates and certifications



7.our services

Before buying our machine:

- We have a professional sales manager to provide you with professional advice and services.
- We provide 24-hour online service to solve your problem quickly.
- We will specify the production plan for you according to your budget.

After buying our machine:

- 1 year free warranty.
- Visit customers regularly and gather information.
- Provide latest information about technology and equipment.
- Software updates are free for life.

8. trade show

Since the establishment of the company, we have participated in many trade exhibitions at home and abroad, including Guangzhou Guangya exhibition, Turkey lighting exhibition, India lighting exhibition, Pakistan exhibition, India nepcon exhibition, Thailand exhibition, etc. We add a large number of foreign clients every year.





Higher precision,
faster speed,
independent research and development,
in China supplier ETON!

Industry related knowledge

We will generally make MARK coordinates, and then through MARK identification to do component library, patch first identify MARK then patch; MARK identification after how to judge the MARK deviation, whether based on the identification results and then locate MARK center coordinates and program MARK coordinates comparison, get the deviation, and then act on the patch coordinates.

In motion, the placement alignment technique aligns:

CCD mounted on the patch head;

The loading speed QFP by this method decreased from 0.7 s to 0.3 s;

CCD suspension installation;

conductive to correcting position in SMC/SMD motion.

When a new PCB to be mounted is transmitted to a designated location through a board feeding mechanism, the reference (MARK point) camera mounted on the patch head CCD3 the corresponding area is searched by image recognition algorithm, and its coordinates in the coordinate system are calculated by the system software, and the location data of the corresponding components should be pasted to the main control computer. When the corresponding mounting components are picked up and passed through the component camera, the camera detects the components, obtains their position coordinates after picking up and sends them to the main control computer, compares with the target position, obtains the position and rotation angle that the mounting head should move, and adjusts the position and rotation angle before sticking, so as to achieve the purpose of visual alignment.

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