

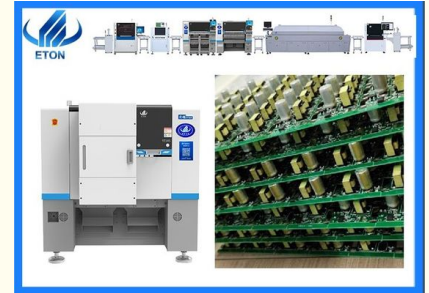


DOB Bulbs making machine /smd mounting machines LED light Production Line

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC CE, RoHS
- Model Number: YT10S
- Minimum Order Quantity: 1
- Price: FOB USD 33000~43000/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: L/C, T/T
- Supply Ability: 50 sets per month



Product Specification

- Name: SMT Pick And Place Machine, SMT Chip Mounter, SMT Nozzle
- Power Supply: AC220V 50Hz
- Warranty: 1 Year
- Dimension: 1490*2190*1650mm
- Mounting Speed: 48000CPH
- Mounting Height: <16mm
- Total Weight: 1850kg
- Condition: 100% Original, Brand-new
- Applicable Components: 0402, 0805, 0603, 1206, SOP
- Application: SMD Production Line, SMT Mounting Shooter Machine, SMT Production Line, for SMT Machine

Product Description

DOB Bulbs making Machine -Full Automatic Production Line

Features of smt chip mounter

YT10S SMT PICK AND PLACE MACHINE:

10 HEADS,52 FEEDER STATIONS.

Apply to 0402~35*35mm components need to option fixed camera

PCB size:500*450mm,50*50mm

Application:power driver,household electric board,led light,downlight,streetlight,panel light,3c products,etc

NEW Functions and performance:

1. Integrated Placement Head

The 10 sets of Z axes are independently controlled by modular Magnetic Linear motor,Which greatly improves The Speed ,accuracy and stability

2.Precision Corner System

The modular corner system independently controls the angle of each component to ensure high-precision placement. 10 suction nozzles per head, with a center distance of 16mm.

3.Head Flight Vision recognition Camera

Head flight recognition + fixed flight recognition camera (option), high speed and high-precision identification.the component can do 0201 to 35*35mm, height 16mm, other height can be customized



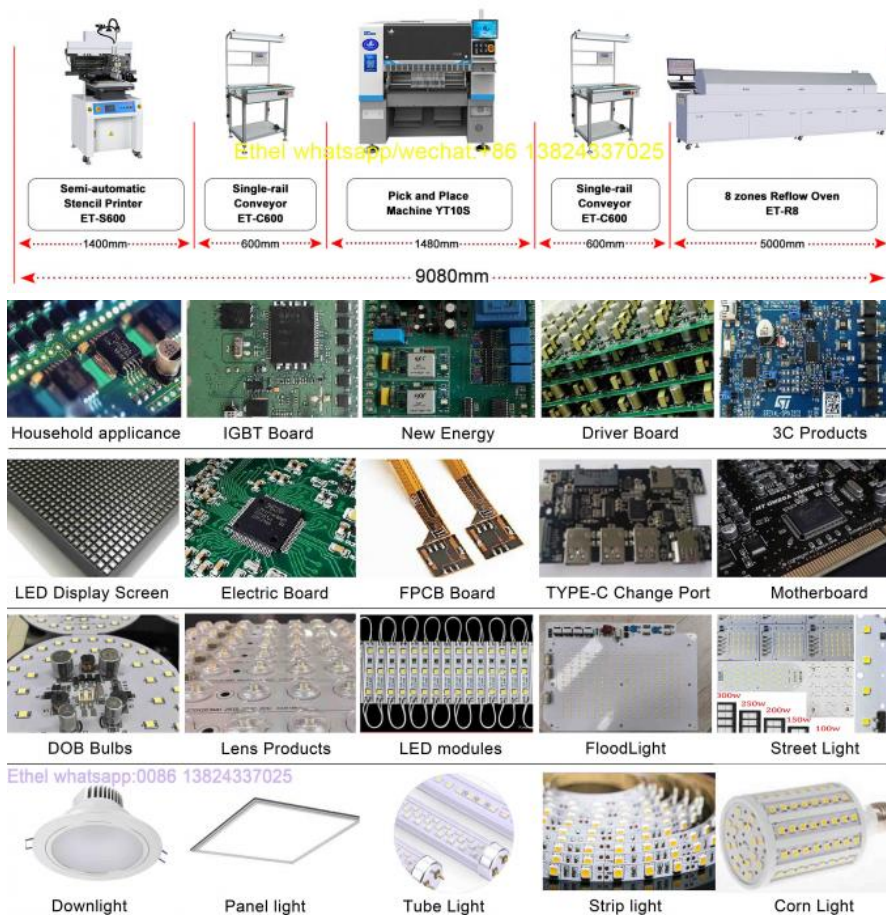
Thechnical Parameter of smt chip mounter

Model	YT10S
Dimension	
Length	1480mm
Width	2020mm
Height	1650mm
Total Weight	2380kg
PCB	
PCB Length Width	Max:500*450mm(1200*450 option) Min:50*50mm
PCB Thickness	0.5-5mm
PCB Clamping	Cylinder clamping, track width adjustable

Mounting Mode	Group picking and separate placingseparate picking and separate placing
O.S.	
System	Windows7
Software	R&D independently
Display	LED monitor
Input Device	Keyboard, Mouse
Vision System	
No. of Camera	1 PCS (Head flight vision camera) 2 PCS Mark camera
Mounting Precision	CHIP±0.03mm QFP±0.025mm Cpk ≥1.0 (3σ)
Mounting Height	≤16mm(Other height can be customized)
Mounting Speed	48000 CPH(Under best condition)
Components	0201~15MM packaging material and IC material(Optional fixed camera for 0201~35*35MM), Other component size can be customized
Components Speed	0.2mm
No. of Feeders Station	52 PCS (104 PCS option)
No. of nozzles	10 PCS
Power	220AC 50HZ
Power Consumption	1.5kw
Operating Environment	23 ±3
Transmission Speed	1000mm/sec
Transmission Direction	Single(left→ right or right→ left)
Transmission Mode	Online drive
Position Mode	Optical
Gas consumption	0.4-0.6mpa (4-6kgf/cm2)600N/min
Electrical control	Independent research and development by ETON
Motion control card module 1 set	Independent research and development by ETON
X,Y,Z Axis Drive way	High-end magnetic linear motor
Feeding way	Intelligent feeder with double motor
Production management MES system interface	Customized

smt chip mounter Application :SMT Line

YT10S Semi-automatic SMT Production Line



Semi-automatic Stencil Printer:Solder paste Printing



Model	ET-S600
Dimensions	1400*800*1680mm
Platform size	300×600mm
PCB size	250×550mm
Template size	550×830mm
Printing speed	0-8000mm/min
PCB thickness	0-50mm
PCB fine tuning range	Front/side±10mm
Power supply	1PAC 220V 50/60HZ
Platform height	850±20mm
Repeatability precision	±0.01mm
Positioning mode	Outside/Reference hole
Weight	Approx.200Kg

Single-Rail Conveyor:

Operate the stencil printer to print the solder paste onto the PCB



Model	ET-C500
Steel frame structure, rail length	L=500
Width adjustment range	50 350 mm
PCB size	500*350 mm
Transmission height	920±20
Transmission	5MM flat belt conveyor
Speed	Adjustable from 0.5 to 9 m/min

Motor	One set of 25 W stepper motor
Control	Industrial control panel
Transmission Direction	Single (left → right)
One section of control, two Sensors	

Pick And Place Machine:Mounting Part

The PCB board that has been brushed with solder paste will be sent to the pick and place machine for automatic mounting, and the pick and place machine will automatically pick components and place on PCB



8 Zone Reflow Oven:Reflow Soldering

The PCB board be mounted with components is sent to reflow oven,reflow oven will heat and welding the components with solder paste on PCB.



Product model	ET-R8	
Heating system	NO. of heating zone	Upper 8 hot air heating, lower 8 hot air heating
	Length of heating zone	3000mm
	heating method	Full hot air
Delivery system	PCB maximum width	450mm mesh belt, no lead rail
	Transport direction	left-right,right to left(option)
	Conveyor belt height	Mesh belt 880±20mm
	Delivery method	Mesh belt drive + rail (optional)
	Conveyor speed	0-2000mm/min

Control System	power	380V 50/60Hz Three-phase five-wire AC:380V 50Hz
	Starting power	28KW
	Working power	7KW
	Heating time	Around 15 mins
	Temperature control range	Room temperature 350
	Temperature control method	PID control + SSR drive
	Temperature control accuracy	±1
	Abnormal alarm	Abnormal temperature alarm
Machine system	Machine dimensions(L*W*H)	4600mm*1000mm*1400mm
	Machine weight	1300kg

Service ETON



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Professional solutions: Provide professional SMT Full line solutions

Free Warranty: One-year warranty factory service. All parts damaged within the warranty period shall be replaced free of charge

Free Installation: On-site free installation to ensure smooth production.

Free Technical Training: Professional training of operating and maintenance.

Free Technical Support: 7 * 24 technical online support.

Free Software Upgrade: Offer free software upgrade whole lifetime

Contact Me

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Full SMT line Solution Expert

SMT Machines
Pick and place machine
Stencil Printer
Reflow oven
conveyor
SPI/AOI
Loader/Unloader machine



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