



20 heads 80000CPH high precision LED lighting bulbs SMT pick and place machine

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE , ISO , CCC
- Model Number: YT202S
- Minimum Order Quantity: 1 unit
- Packaging Details: Vacuum wooden packing
- Delivery Time: 15-30 days
- Payment Terms: T/T, L/C
- Supply Ability: 50 unit per month



Product Specification

- Heads: 20 PCS
- Feeders Station: Double Side Docking Cart Slot 32 PCS, Tape Reel Packages : 64PCS
- Camera: 4 Set (digital Camera)
- Mounting Speed: 80000CPH
- Operation Environment: 23 ±3
- Components Range: Min 0201-4040mm Tape Reel Packages And IC Tray Feeder Etc
- PCB Thickness: 0.5-4.5mm
- PCB Clamping: Cylinder Clamping, Track Width Adjustable
- Software: R&D Independently By ETON

Product Description

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Parameter

model	YT 202S
PCB size	MAX size: 500*450mm(single PCB) 500*300MM(double PCB) MIN size: 50*50mm
PCB thickness	0.5-4.5mm
PCB clamping	Cylinder clamping, track width adjustable
rail	2 rail, 2 gantries(rail 1,4 are fixed rail)
system	Windows 7
software	R&D independently
Production management MES system	Customized(option)
Off-line programming	available
No. Of camera	4 set (digital camera) Bottom vision camera recognition Vision alignment+ mark correction
Repeat precision	±0.02mm
Mounting height	≤20mm
Mounting speed	80000 CPH(optimum speed)
Components range	Min 0201-4040mm tape reel packages and IC tray feeder etc
power	380 AC 50Hz 6KW
Operation environment	23 ±3
Transmission direction	Standard: single direction
Transmission mode	Online drive
Position mode	optical
Air consumption	0.4-0.6mpa()4-6kgf/cm ²) 150N/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+ servo motor
No. Of feeder station	Double side docking cart slot 32 PCS, tape reel packages : 64PCS(single side docking cart slot 16 PCS, tape reel package: 32PCS),freely switching between docking cart and IC tray feeder
No. Of heads	Double side: 20 PCS(single side: 10 PCS)
Feeding way	Intelligent double head feeder

1. Machine highlights

- (1)high speed multi modular head: apply to ultra small chip 0201-40*40mm large chip,
- (2)improve recognition performance size up to 40*40mm, apply to BGA OR CSP etc.
- (3)each module 10 spindles, both high speed and intelligent with light compact design.
- (4) each placement head with independent detection function, which improves the stability of the equipment and the reliability of the product.
- (5)the capacity increased by 25% compared with traditional machine, optimum placement speed reach 80000 CPH.

2. flexible production

- (1) components with size less than 40*40 mm, or height less than 20mm can be used to high speed and high precision identification
- (2) high precision mark recognition system, adopt 3-color illumination recognition, apply to any shape mark and lens, wider range of applications.

(3)docking cart, smart double head tape feeder, IC tray feeder

3. high reliability

- (1)brand new self-developed high precision placement head
- (2)combine high accuracy, mark recognition camera with fixed flight vision camera, ensure placement accuracy
- (3)the placement head adopt independent vacuum detection improve placement performance
- (4)off-line programming, save time of changeover cycle
- (5)software AI intelligent learning function and automatic optimization function

4. transmission system structure

- (1)two gantry, 10 spindles * 2 gantry, total 20 spindles
- (2)flexible PCB handling capabilities, double rail, both gantry can mount the same large PCB at the same time, realizing flexible production
- (3)flexible wiring through modular placement heads and various production modes.

Company advantages

ETON was established in 2011 with over 10 years experiences in high speed pick and place machine. We are the largest high-tech manufacturer in China with strong capability of design,R&D manufacture,sales&services."High efficiency" "High quality"and "High Stability " are he core technology of ETON.

Strong production capacity, ETON have more than 50000 square meter Industrial park in Jiangxi Province, machine capacity more than 50 units/month

133 invention patents and property technology patents, including We got 9 invention Patents, 112 practical patents, 12 software copyrights.

ETON has established R&D center, smt high-speed placement machine division, precision solder paste printing equipment division, high-speed precision dispensing equipment division, smt peripheral automation equipment division and quality inspection center to ensure the quality of the machines.

Exhibition

ETON actively participates in various exhibitions at home and abroad, and lets our products show up in front of our customers.

Service

Maintenance period : 1 YEAR

Visit customers regularly and gather information

Provide latest information about technology and equipment

Overseas engineers teach equipment operation

FAQ

Do you provide the complete production line machine?

Yes, of course. We provide the whole production line machine, including solder paste printer machine, conveyor, pick and place machine reflow oven.

What are the main appliance about the pick and place machine?

We have many different machine, and different machines apply to different appliance. The main products include bulb, tube, flexible strip, panel light, down light, street light, ceiling light, wall washer light etc.

How about the operation software language of the machine?

Our software are Independent R&D by ourselves with 2 language(English and Chinese).

What's the terms of payment?

T/T is OK. You can choose FOB Shenzhen.

Who are your main clients?

Our production have exported to more than 20 countries and regions, including South Korea, India, Egypt, Turkey, Russia etc.



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