



LED Lighting SMT Pick And Place Equipment Automatic 68 Heads 120000 CPH

Our Product Introduction

for more products please visit us on smtmountingmachine.com

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE , ISO , CCC
- Model Number: YT402
- 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

- 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
- Software: R&D Independently
- No.of Camera: 4 Sets
- Power Consumption: 6kw
- Feeders Station: 64PCS
- Heads: 40 PCS
- Feeding Way: Intelligent Double Head Feeder
- Highlight: **LED Lighting pick and place equipment,
SMT pick and place equipment 120000 CPH ,
Automatic led strip manufacturing machine**

Product Description

automatic 68 heads 120000 CPH led lighting SMT pick and place machine

Features

1. Machine highlights

- (1) high speed multi modular head, apply to ultra small chip 0201-10*10mm large chip, wider component range
- (2) improve recognition performance, size up to 40*40mm.
- (3) each module 20 spindles, both high speed and intelligent with light compact design.
- (4) each placement head with independent detection function, improves the stability of the equipment and the reliability of the product.
- (5) adopt high end magnetic linear motor, servo system and multi function modular head, the capacity increased by 25% compared with traditional machine, optimum placement speed reach 120000 CPH.

2. flexible production

- (1) **fixed line scan camera**: components with size less than 10*10 mm, or height less than 6mm can be used to high speed and high precision identification
- (2) **MARK recognition**: 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

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, 120 spindles * 2 gantry, total 40 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.

Parameter

model	YT 402
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	≤6mm
Mounting speed	120000 CPH(optimum speed)
Components range	Min 0201-10*10mm packages and IC 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	
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: 40 PCS(single side: 20 PCS)
Feeding way	Intelligent double head feeder

Company advantages

(1)**Guaranteed company**:ETON has **15 years of R&D experience**, 52000m² industrial park, 7 buildings, 500 staffs—Strong manufacturing strength;

(2)**Quality equipment**:from R&D to production by ETON, each process strict control, quality assurance;9 invention patents, 112 practical patents, 12 software copyright;

(3)**Suitable machines**: various machines are apply for various products, **DOB, LED bulbs, lens, streetlight, ceiling light, spotlight, flexible strip, electric board, power driver, household application, display min component 0201**, highest capacity reach **500000CPH**;

(4)**Complete service**: local engineers and office provide **freely training and installation,software freely upgrade whole**

lifetime;

(5)**Market and export:** Help 80% of domestic LED factories to build production lines; Foreign exports to more than 20 countries and regions, such as Turkey, India, Egypt, Brazil, Russia, Pakistan, South Korea, etc

(6)**Exhibition:** ETON actively participates in various exhibitions at home and abroad, and lets our products show up in front of our customers. Our exhibitions include domestic Guangzhou Light Asia Exhibition, Shanghai Munich Exhibition, Chongqing LED exhibition, international exhibitions in India Mumbai exhibition, Pakistan exhibition, Egypt exhibition, Turkey exhibition and so on.



Shenzhen Eton Automation Equipment Co., Ltd.



0086 13670197725 (Whatsapp/Wechat)



linda@eton-mounter.com



smtmountingmachine.com

HENGFENG INDUSTRIAL AREA,ZHOUSHI ROAD NO. 739,HEZHOU COMMUNITY,HANGCHENG
STREET,BAOAN,SHENZHEN,CHINA