



LED lighting driver electronic products mounting machine SMT placement machine

Our Product Introduction

for more products please visit us on smtmountingmachine.com

Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA,ISO
- Model Number: YT-20
- Minimum Order Quantity: 1 set
- Packaging Details: Packing in film package and foam cotton, and covering vacuum bag within sturdy wooden boxes.
- Delivery Time: 30 working days
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Model: YT-20
- Applicable Components: 0201
- Positioning Accuracy: ± 0.02 Mm
- Usage: SMT Mounting Machine
- Optimum Mounting Speed: 80000CPH
- Warranty: 1 Year
- Application: SMT Production Line
- Condition: New
- Highlight: electronic products SMT placement machine, LED lighting driver mounting placement machine, electronic products mounting machine



Product Description

LED lighting driver electronic products mounting placement machine

Machine main features

Adopt High speed multi modular head, apply to ultra small chip 0201~40*40mm large chip, wider component range;
 Brand new flight vision camera improve recognition performance, size up to 40*40mm, apply to BGA or CSP etc;
 Vacuum sensing device: Each placement head with independent detection function, which improves the stability of the equipment and the reliability of the product;
 Ultra high speed capability: Adopt high-end magnetic linear motor, servo system and multi function modular head, the capacity increased by 25% compared with traditional machine, optimum speed reach 80000 CPH;
 Brand new self-developed high precision placement head;
 Combine high accuracy Mark recognition camera with fixed flight vision camera, ensure placement accuracy;
 Double side docking cart slot 32PCS,tape reel packages:64PCS(single side docking cart slot 16PCS,tape reel packages:32PCS),freely switching between docking cart and IC tray feeder(IC tray feeder:Option)
 Smart Double-Head tape feeder: Support YT series double head intelligent electric tape reel feeder, by optically correcting the feeding position of the component, it can achieve stable, accurate and high-speed feeding;
 The placement head adopt independent vacuum detection, improve placement performance;
 Off-line programming, save time of changeover cycle;
 Software AI intelligent learning function and automatic optimization function.
 Two gantry, 20 spindles*2 Gantry, total 40 spindles;
 Flexible PCB handling capabilities, double rail, both gantry can mount the same large PCB at the same time, realizing flexible production.

Machine main parameter

Model	YT-20
PCB size	Max size: 500*450 mm(Single side) 500*300(Double side) Min size: 50*50 mm
PCB thickness	0.5-4.5 mm
PCB clamping	Cylinder clamping, track width adjustable
Rail	2 rail, 2 gantries(Rail 1,4 are fixed rail)
Software	R&D independently
Production management MES system	Customized (Option)
Off-line programming	Available
Camera	Bottom vision camera recognition/ Flight identification camera
Repeat precision	±0.02 mm
Mounting height	≤15mm
Position mode	Optical
Optimal speed	80000 CPH
Component range	Min 0201~40*40 mm tape reel packages and IC tray feeder etc.
Position mode	Optical
No.of heads	Double side docking cart slot 32PCS,tape reel packages:64PCS(single side docking cart slot 16PCS,tape reel packages:32PCS),freely switching between docking cart and IC tray feeder(IC tray feeder:Option)
Feeding way	Intelligent double head feeder
X,Y,Z Axis drive way	High-end magnetic linear motor + Servo motor

Certificates

As an experienced manufacturer in SMT machine, we obtained a number of intellectual property technologies, including 9 invention patents, 112 practical patents, 12 software copyrights, with our won R&D department for production and inspection. And also earned the oversea certificates as CE, CCC, SIRA, etc.

Our Certification

ETON

9 Invention Patents



12 Software Patents



112 Practical Patents



Packages

Step 1: Wrap with stretch film to prevent the equipment from.

Step 2: Vacuum paper packaging and moisture-proof bag, so that the machine can be kept dry during transportation to prevent moisture.

Step 3: Use straps and triangular wood to fix the machine to prevent damage to the machine during transportation.

Step 4: Each exported machine will be equipped with sturdy export wooden boxes, to ensure that the delivered product is good.



Related machine

We can provide a whole SMT production line, led light production line:

1. Pick and place machine
2. Loader machine
3. Conveyor machine
4. Stencil printer machine
5. Reflow oven machine
6. Unloader machine
7. Solder paste mixer
8. Roll to roll led strip light assembly machine

Our Products

ETON

High Speed Pick And Place Machine



HT-F9

HT-X9

HT-T9

HT-F8

Multifunctional Pick And Place Machine



HT-E5S

HT-E5D

HT-E8D

HT-E8S

RT-1

RT-1/2

RT-4

HT-E6T

SMT Machine



Loader machine

semi-auto stencil printer

Reflow oven

Translational machine

Unloader machine

Glue Dispenser Machine

PCB cleaning machine

Solder paste mixer

Automatic stencil printer

Vacuum Loader

Double-rail conveyor

Single-rail conveyor

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