



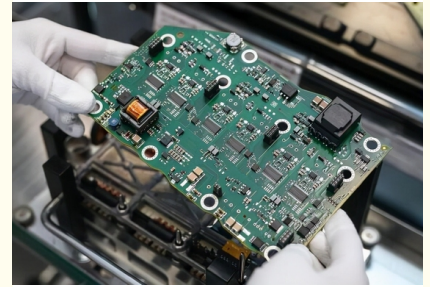
Independent Research And Development 20 PCS Heads SMT Placement Machine

Our Product Introduction

for more products please visit us on smtmountingmachine.com

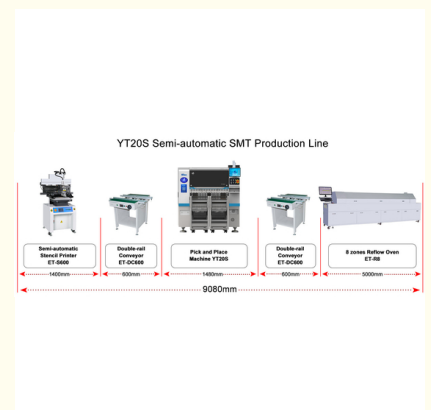
Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA,ISO
- Model Number: YT20S
- 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

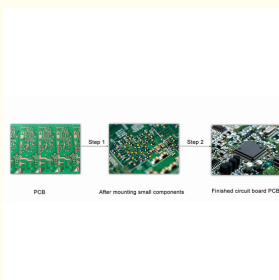


Product Specification

- Optimum Mounting Speed: 98000CPH
- Industrial Park Area: 52000 Square Meter
- Type: Automatic
- Total Weight: 2380kg
- Feeders Stations: 104PCS
- Mounting Precision: $\text{CHIP} \pm 0.03\text{mm}$ $\text{QFP} \pm 0.025\text{mm}$ $\text{Cpk} \geq 1.0$ (3σ)
- Components Space: 0.2mm
- Power: 220AC 50HZ
- Highlight: 20 PCS heads SMT Machine,
20 PCS heads SMT placement machine



More Images



Product Description

Independent research and development 20 PCS heads SMT placement machine

Description

Machine main features

Integrated Placement Head

Lightweight, head is integrally formed, the 10 sets of Z axes are independently controlled by modular magnetic linear motor, which greatly improves the speed, accuracy and stability

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.

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

Adopting high-end magnetic linear motors and a multi-function Modular head, the placement capability has increased by 25% compared to traditional machines, with an optimum speed reaching 98000CPH

Machine main parameter

| | |
|--|---|
| Model | YT20S |
| Dimension | |
| Length | 1480mm |
| Width | 2680mm |
| Height | 1650mm |
| Total Weight | 2380kg |
| PCB | |
| PCB Length Width | Max:500*300mm(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 | 98000 CPH(Under best condition) |
| Components | 0201~12MM packaging material and IC material(Optional fixed camera for 0201~35*35MM),Other component size can be customized |
| Components Space | 0.2mm |
| No. of Feeders Station | 104 PCS |
| No. of nozzles | 20 PCS |
| Power | 220AC 50HZ |
| Power Consumption | 1.5kw |
| Operating Environment | 23°C±3°C |
| 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 |

Machine application

1. Lighting Industry



2. Household Appliances



3. Other Industry



Our Exhibitions

As an experienced company of trading SMT pick and place machine with more than 30 countries and regions aboard, Eton has participated in many exhibitions of foreign countries, such as India Mumbai Exhibition, India Delhi Exhibition, Egypt Exhibition, Turkey Exhibition, Pakistan Exhibition, etc. And also we have took part in our domestic exhibition, like Guangzhou Guangya Exhibition, Shanghai Munich Exhibition, Chongqing LED light Exhibition, etc.



Related machine

ETON is a leading SMT high speed pick and place machine manufacturer in China, and we also provide whole line solution with peripheral devices as stencil printer, conveyor, glue dispenser, transitional and reflow oven etc.

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

Packages

As for the package of the machine, we put it in film packing and foam cotton, to prevent the dust and water of protecting the machine and keep dry of the machine during transportation, and equip with wooden boxes to transport to the specified port.



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