



Shenzhen Eton Automation Equipment Co., Ltd.
smtmountingmachine.com

1m/5m Strip Light Making Machine 180000 CPH LED Light Production Line

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE, CCC, SIRA
- Model Number: HT-F7S
- Minimum Order Quantity: 1 set
- Packaging Details: vacuum adsorption, wooden packing
- Delivery Time: 30 days after receive the down-payment
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Condition: New
- Local Service: India, Egypt, Vietnam
- Warranty: 1 Year
- Mounting Speed: 150000-180000 CPH
- Machinery Test Report: Provided
- Brand: ETON
- Model Number: HT-F7S
- Name: SMD Chip Mounter, SMT Pick And Place Machine, SMT Chip Mounter
- Highlight: 5m Strip Light Making Machine, 1m Strip Light Making Machine, 180000 CPH LED Light Production Line



More Images



Product Description

1m/5m strip light making mounter 180000CPH machine in LED light Production Line

What is pick and place machine?

The automatic placement machine is used to realize high-speed, high-precision and automatic placement of components. It is the most critical and complex equipment in the entire SMT production. The placement machine is actually a precision industrial robot. Through the functions of absorption-displacement-positioning-placement, without damaging the components and the printed circuit board, it realizes the rapid and accurate mounting of SMC/SMD components to the specified pad positions on the PCB board.

Parameter

HT-F7S	Technical Parameter
Length*Width*Height	2700*2450*1530mm
PCB Length width	MAX:1200*330mm MIN:50*50mm
PCB Thickness	0.5~5mm
Mounting Mode	Group to take and group to mount
No. of Camera	5 sets of imported camera
Vision System	Vision alignment, Mark correction
Mounting Precision	±0.02mm
Mounting Height	15±2mm
Mounting Speed	150000~180000CPH
Components	LED30140/3528/5050/3030/5630/5730/4014/2835 and resistor etc.
Components Speed	0.2mm
Feeders Station	68PCS
No. of Nozzles	34PCS
Electrical control	Independent research and development by ETON
Motion control card module 1 set	Independent research and development by ETON
XY Axis Drive Way	High-end magnetic linear motor and servo motor
Feeding way	Electric feeder with double motor

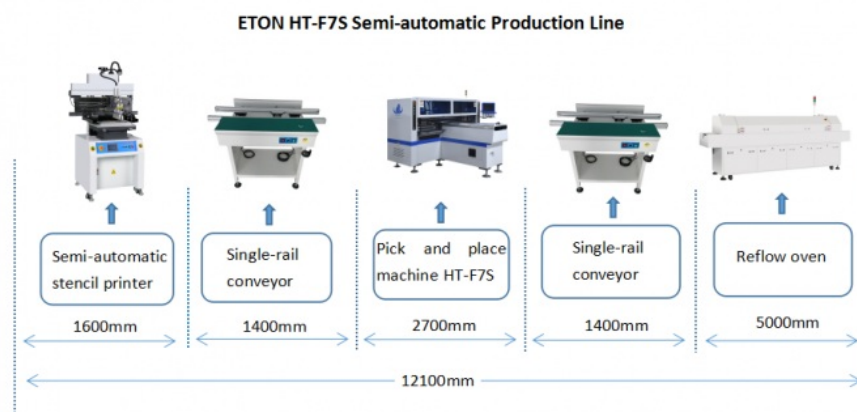
Machine main features

1. Apply to the 0.6m,0.9m,1.2m rigid PCB and 0.5m,1m LED flexible strip.
2. Two mounting module, 17 nozzles for each mounting part, part A or part B can be mounted separately or synchronously.
3. Group to take and group to mount.
4. The mounting speed can reach 180000CPH.



HT-F7S equipped with 2 sets mounting heads modules
 Single motor on the top of head
 17 nozzles on each side head module
 All nozzles are same length
 Group to take and group to place while working
 24 feeder on each side head module

SMT production line



ETON over 15 years experience in SMT machines, so we are very professional to provide whole line solution. Automatic stencil printer machine with pick and place machine, loader, conveyor, unloader, reflow oven, glue dispenser, stacking loader and Vibration plate and so on can be provided.

Company introduction

- (1) Shenzhen ETON automation equipment CO.,Ltd. was founded in 2011 and Jiangxi Intelligent industrial Park was used in 2020. So far, ETON has more than 11 years experience.
- (2) ETON is the leading manufacturer of global photoelectric high speed pick and place machine and enjoys a good reputation around the world.
- (3) The produces have exported more than 20 countries and regions, including Egypt, India, Turkey, Russia, Brazil, South Africa and so on.
- (4) ETON has five level management policy: sincere business, focus on R&D, manufacturing intentions, considerate service, customer trust.

(5)ETON also keep “no worries” after-sales service, and the products are supported to personal customization, specialist sale always track the production and transportation of equipment.

ETON

50000sqm industrial park



Clients Projects:



100M Strip Light SMT Production Line

ETON helped the client to plan the 100M production line, including the patch production line: PCB loader-semi-automatic printing machine-The buffer stage-high-speed pick and place machine - 24M assembly line - reflow oven - PCB unloader, and also planned 24M test line, sub-board line, coating production line. The client put into production in 2021, and the production situation is very good. ETON technicians installed the machine in the client's factory, planned the wiring, tested the production, and trained the client's engineers. The client's project was very successful, becoming one of the few in India that can provide 100M without wires. The factory for the production of all flexible light strips is very competitive, and now is planning add a new SMT production line with ETON to expand production and LED product categories.

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