



## Vacuum Reflow Soldering Ovens Smt Reflow Soldering Machine Automatic SMT Line

### Our Product Introduction

#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE,SIRA,CCC,ISO
- Model Number: ET-R8650M
- Minimum Order Quantity: 1 set
- Price: EXW USD 13000~27000/sets
- Packaging Details: Our packing is made of wooden box with vacuum package, and we promise to deliver the goods within four weeks after payment.
- Delivery Time: 30 days after deposit
- Payment Terms: T/T
- Supply Ability: 50 sets per month



#### Product Specification

- Name: Reflow Soldering Oven
- Dimensions: L4800\*1350\*1450MM
- Net Weight: 1600kg
- PCB Size: 50 650mm
- Certification: ISO,CE ISO CCC IPC,UL,ROHS CE ISO
- Voltage: 380V,380V/3 Phase
- Usage: PCB Soldering,Welding,automatic Conveying  
Convection Reflow Oven For SMT PCBA  
Production,reflow Soldering,led Soldering
- Type: Reflow Solder,SMT Reflow Oven Profiler  
Machine
- Rated Duty Cycle: 100%
- Current: 50/60Mhz
- Warranty: 1 Year
- Temperature Range: Room Temperature ~ 300
- Heating Zones: 8 Zones

## Product Description

### Hot Sales Vacuum Reflow Oven Full automatic DOB bulbs SMT LINE Solution

#### Details of Reflow oven

##### Unique advanced heating system with long life

1. Using the world-leading small circulation technology, the whole furnace is divided into independent communities. The temperature curve of PCB welding is very high, which is very suitable for the welding of components with small space window in lead-free process.
2. Independent upper and lower heating modules, independent hot air circulation, double welding zone or three welding zone setting.
3. Modular design is adopted in each temperature zone, high temperature long axis hot air motor and high thermal nickel chromium heating wire. Take about 20 minutes from room temperature to constant temperature.

##### Reliable and smooth transmission system

1. Symmetrical double groove guide rail, high temperature resistance, no deformation, small heat absorption. Standard chain, network chain synchronous iso-speed parallel transportation, dual rail transportation system or central support system is optional.
2. Width adjustment adopts three stages of synchronous width adjustment structure, both ends are equipped with guide rail thermal expansion automatic extension device, effectively ensure that the guide rail parallel, prevent the drop of the plate, card plate, free of cleaning, easy to adjust.
3. Computer-controlled automatic refueling system, can automatically refueling according to the transportation speed and machine state, the flow can be adjusted.
4. Automatic width adjusting system adopts closed-loop PID control, can be automatically adjusted to the required width according to the computer input parameters, accuracy up to 0.2mm.
5. UPS power protection function, to ensure that PCB can output normally after sudden power failure, not damaged.

##### Stable and reliable electrical control system

1. The control system adopts PLC, the upper computer adopts famous brand computer, with genuine Windows 7 operating system and 19 inch LCD, which is stable and reliable.
2. Powerfully functional control software, with flexible process parameter control and temperature curve test functions, Chinese and English operation interface can be switched at any time.
3. Wago terminal is used; All electrical components are imported brands, and all signal lines are shielded.
4. The temperature module is self-setting, the cold end is automatically compensated, and the temperature is controlled within  $\pm 1$ .

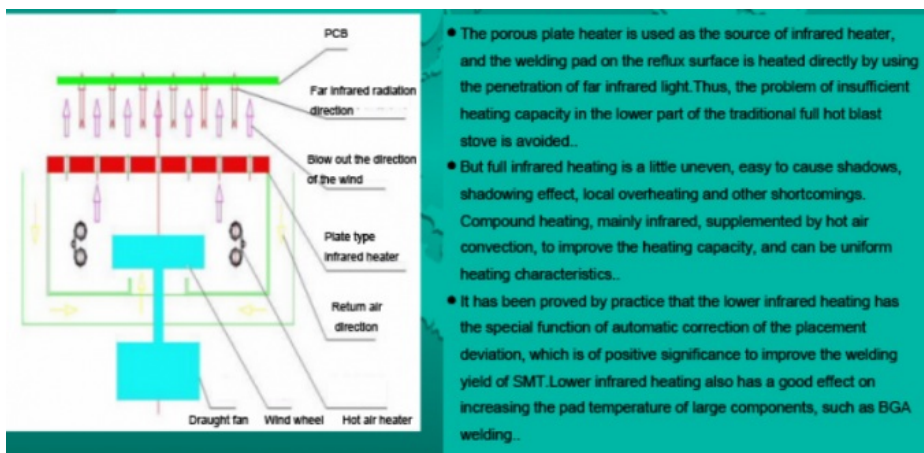
##### Cooling and convenient flux recovery system

1. The forced cooling system adopts a two-stage forced air cooling temperature zone to meet the lead-free process; Smooth cooling curve, no abrupt change, full heat exchange, maximum cooling rate up to  $-5$  /S.
2. Flux collection system, can keep the furnace clean for a long time, exhaust gas emission more environmental protection. The gas separated by nitrogen furnace can be recycled to save nitrogen.

#### Specification of reflow oven

Number of heating temperature zones	The top 8 small cycle heating area, the bottom 8 small cycle heating area.
Heating mode	Plane winding type heating on both sides of the generator, pressurized air duct, point to point frequency conversion motor heat exchange, frequency conversion motor drive
Length of heating zone	3160MM
Number of cooling zones	2+1 (natural air cooling system)
Length of cooling zone	800MM
Transmission belt width	650MM
Widening the range of chain guide rail	50 250mm
PCB size	50 350mm
PCB limits height	25mm
Transmission direction	L→R (R→L) is optional

#### reflow oven machine



### Application: SMT line Solution: LED Light production Line LED LIGHTING PRODUCTION LINE

#### Our products:

SMT pick and place machine, automatic/semi-auto stencil printers machine, reflow oven loader/unloader machine, smt conveyor, AOI/SPI, Transform conveyor, etc

ETON is the leading SMT MACHINE manufacturer in China.

R&D team and mature technology, Independent manufacturing park about 52000 square meters

Big market shares in India, Turkey, South Africa, Pakistan, Egypt, Poland etc.

Free installation and training, About 10 overseas engineers.

**深圳易通自动化设备有限公司**  
 SHENZHEN ETON AUTOMATION EQUIPMENT CO., LTD.

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## ETON FULL SMT LINE SOLUTION

**Global Service • R&D • Customized • TOP Brand In China**

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### Power driver SMT line Solution

Ethel whatsapp/wechat: 008613824337025

600mm	1240mm	600mm	1490mm	600mm	5000mm	600mm	2200mm
12330MM							

Solar Panel

Household Appliance

IGBT Board

New Energy

Driver Board

3C Product

FPCB Board

Control Board

### Services of ETON Company

1. Professional sales manager of LED SMT machine, provide professional suggestion and service to you !

2. 24 hours online service and technical support, solve your questions quickly!
3. Sound company organization and working system, guarantee you a fast delivery!
4. Design and provide the whole SMT processing lines for you based on your budget , workshop covering area with best prices!
5. Maintenance Period: 1 year.(whole machine, any parts need to be repaired or replaced will be free)  
Upgrade the software will be free
6. Visit customer regularly and gather information.



**Contact me:**

**Ethel**

**email: [ethel@eton-mounter.com](mailto:ethel@eton-mounter.com)**

**whatsapp/wechat:008613824337025**



**Shenzhen Eton Automation Equipment Co., Ltd.**



0086 13670197725 (Whatsapp/Wechat)



[linda@eton-mounter.com](mailto:linda@eton-mounter.com)



[smtmountingmachine.com](http://smtmountingmachine.com)

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