

xmw

-成为AI赋能工艺的装备引领者-

BECOME THE EQUIPMENT LEADER OF AI ENABLING PROCESS



江苏鑫迈维科技集团有限公司
JIANGSU XINMAIWEI TECHNOLOGY GROUP CO., LTD

网址/Web: www.13814261111.com

地址: 江苏省无锡市惠山区阳山镇远景路7号
Add: No.7, Yangjing Road, Yangshan Town, Huishan District, Wuxi City, Jiangsu Province
邮箱/Email: mw13814261111@126.com

2024年10月出版

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xmw GROUP

人工智能成就工业新未来

ARTIFICIAL INTELLIGENCE IS THE NEW FUTURE OF INDUSTRY



专注于PCBA生产过程的视觉检测与焊接
Focus on PCBA production process visual inspection and welding

江苏鑫迈维科技集团有限公司
JIANGSU XINMAIWEI TECHNOLOGY GROUP CO., LTD

ABOUT XMW

江苏鑫迈维科技集团有限公司是集智能设备研发、生产及服务于一体的技术服务型企业，专注于PCBA生产过程的视觉检测、焊接，为客户提供各种光学检测，SMT焊接方案。始终坚持自主研发和自主创新的发展路线，将AI应用到AOI光学检测、SMT焊接产品中。以深度学习算法为核心，采集了行业亿万级别的数据样本进行产品模型训练，使其具有智能极简编程、一键自动识别、智能判定不良、低误报率等特点，解决了传统AOI编程时间长、误报率高的痛点，落地赋能企业降本增效。发展过程中，鑫迈维科技集团将继续秉承创新精神，加大研发投入，推动智能装备技术的不断进步，与全球电子制造业伙伴携手共进，让人工智能成就工业新未来。

Jiangsu Xinmaiwei Technology Group Co., Ltd. is a technical service enterprise integrating research and development, production and service of intelligent equipment, focusing on visual inspection and welding of PCBA production process, providing customers with various optical inspection and SMT welding solutions. We always adhere to the development line of independent research and development and independent innovation, and apply AI to AOI optical inspection and SMT welding products. With deep learning algorithm as the core, it collected hundreds of millions of data samples of the industry for product model training, so that it has intelligent minimal programming, one-click automatic recognition, poor intelligent judgment, low false positive rate and other characteristics, solving the traditional AOI programming time is long, high false positive rate of pain points, enabling enterprises to reduce costs and increase efficiency. In the process of development, Xinmaiwei Technology Group will continue to uphold the spirit of innovation, increase investment in research and development, promote the continuous progress of intelligent equipment technology, and work together with global electronics manufacturing partners to make artificial intelligence the new future of industry.



发展历程

HISTORY //

2023-2024

高速发展 RAPID DEVELOPMENT

- 检测系列设备、焊接系列累计设备销售2000家+
- Testing series equipment, welding series of accumulated equipment sales of 2000 +

2021-2022

规模化扩张 SCALE EXPANSION

- 检测设备投入大批量产
- 焊接设备全新迭代
- 40000m²智能制造产业园投入使用
- Testing equipment into mass production
- New iteration of welding equipment
- 40000m² intelligent manufacturing Industrial park was put into use

2019-2020

RAPID GROWTH 快速成长

- 荣获高新技术企业
- 成立产学研一体化学院
- 落地40000m²制造产业园项目
- 2020年鑫迈维集团成立
- Won the high-tech enterprise
- The Institute of industry-University-research integration was established
- Landed 40000m² manufacturing industrial park project
- In 2020, XinMaiwei Group was established

2015-2018

发展 DEVELOP

- 与500家企业达成合作
- 陆续成立安徽、浙江、深圳、山东办事处
- 产品获得多项创新成果奖
- Reached cooperation with 500 enterprises
- Set up Anhui, Zhejiang, Shenzhen, Shandong offices
- Products won a number of innovation achievement awards

2014

SET UP 成立

- 启动焊接设备研发
- 启动检测设备研发
- 2014年公司正式成立
- Start welding equipment research and development
- Start the research and development of testing equipment
- In 2014, the company was officially established

SEL SERIES

在线式选择性焊锡机

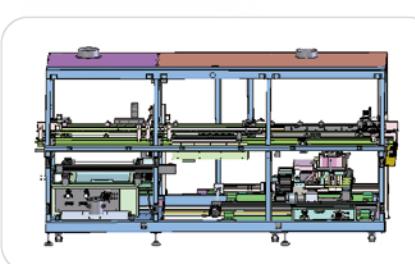
ON-LINE SELECTIVE SOLDERING MACHINE



产品描述 PRODUCT DESCRIPTION

一体化设计 / Integrated design

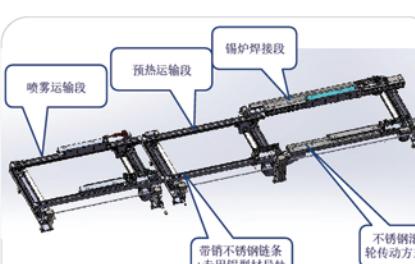
- 喷雾+预热+焊接模组，一体化设计，配置灵活，可自由扩展。
- Spray + preheating + welding module, integrated design, flexible configuration, can be freely expanded.



一体化设计
Integrated design

焊接模块化 / Welding modularization

- 点焊模块和群焊模块自由选配、组合。
- Spot welding module and group welding module can be freely selected and combined.



运输系统
Transportation system

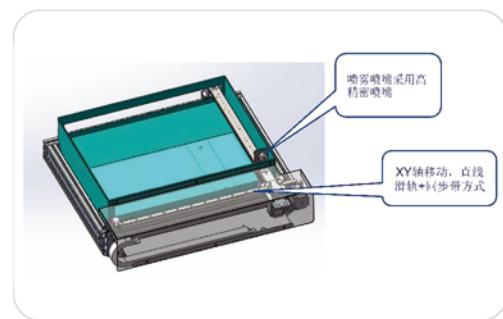
效率高 / High efficiency

- 效率最高对选择焊接模组。
- For the highest efficiency, choose the welding module.

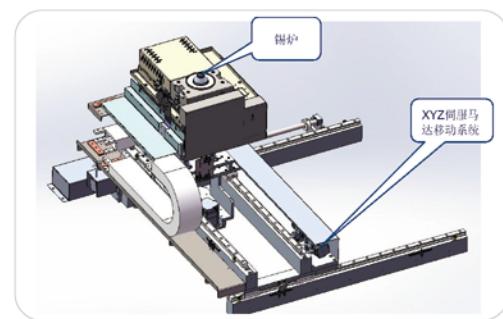
传动结构 / Transmission structure

- 分段式模块传动结构。
- Segmented module transmission structure.

Segmented module transmission structure.



喷雾系统
Spray system



选择焊锡炉
Select a soldering furnace

型号 Model	SEL-450	SEL-610
外型尺寸 External dimension	2600×1800×2070mm	3350×1980×2070mm
电源 Power source	AC 380V 3Φ5W 50Hz	
总功率 Gross power	20KW	
PCB宽度 PCB width	60-450mm	60-610mm
PCB长度 PCB length	120-500mm	120-700mm
PCB顶部空间 PCB headspace	Max.120mm	
PCB底部空间 PCB bottom space	Max.50mm	
PCB工艺边尺寸 PCB process edge size	5mm	
PCB运输高度 PCB transport height	900±25	
PCB运输速度 PCB transport speed	0.2-3m/min	
PCB重量 PCB weight	5kg	
助焊剂储存罐 Flux storage tank	2L	
喷雾喷头管大小 Spray nozzle tube size	100μm	
喷涂宽度 Spray width	2-8mm	
底部动态红外发热器 Bottom dynamic infrared heater	Max.14KW	Max.18KW
预热温度范围 Preheating temperature range	Max.200°C	
顶部加热器 Top heater	Max.6KW	Max.8KW
最小喷嘴直径 Minimum nozzle diameter	Φ2.5/4	
波峰高度 Crest height	3~5mm	
锡炉容量 Tin furnace capacity	16KG 无铅锡 (Lead-free tin)	
焊接温度 Welding temperature	Max.300°C	
加热时间 Heating time	75min(电磁泵 Electromagnetic pump 300°C)	
锡炉加热功率 Heating power of tin furnace	2KW电磁泵 Electromagnetic pump	
定位速度 Positioning speed	X/Y: 2-200mm/s	
控温精度 Temperature control accuracy	±5°C	
焊接精度 Welding accuracy	±0.02mm	
PC操作系统 PC operating system	Windows	
远程可视化 Remote visualization	CDD 可视 Visual	
软件语言 Software language	中英文可切换 Chinese and English Changeable	
编程方式 Programming mode	在线/离线编程 Online/offline Programming	
数据导入 Data import	Gerber、图像导入 Image Introduction	
气体供应 Gas supply	氮气/空气 N ₂ /O ₂	
所需压力 Required pressure	0.4-0.6Mpa	
氮气消耗量 Nitrogen consumption	每个锡缸消耗约 Each consumes about 1.5-2m ³ /h	
N ₂ 浓度 N ₂ concentration	≥99.999%	
排风管直径 Exhaust duct diameter	Φ200mm	
排风管排风量 Exhaust duct exhaust air volume	360~900m ³ /h	

ETS/UXT SERIES

波峰焊机

WAVE SOLDERING MACHINE



产品描述 PRODUCT DESCRIPTION

助焊剂喷头 / Spray Nozzle Driving

- 助焊剂喷头采用步进电机驱动，保证助焊剂涂覆均匀；
- 助焊剂缓冲罐感应器内置，更加可靠耐用；
- 可以选择性区域喷雾减少助焊剂流失。



数字式步进移动结构
Digital stepping mobile structure

喷雾系统 / Spray System

- 喷雾系统模块化设计，喷头始终垂直轨道，保证助焊剂良好的穿透PCB；
- 采用过滤倒流槽结构，防止助焊剂滴到PCB上。



热风预热
Hot air preheating

预热区 / Preheating Zone

- 预热区采用热风加热，温度稳定。

The preheating zone is heated by hot air, and the temperature is stable.

设计升级 / Design Upgrade

- 外形流线型设计，内部模块化设计，适合SMT及直插元件的无铅焊接；
- 轨道角度手动调整，操作方便；
- 具有超温声光报警及紧急制动系统，马达有过载保护。

Streamlined shape design, internal modular design, suitable for SMT and lead-free welding of in-line components;
Manual adjustment of track Angle, easy to operate;
With over temperature sound and light alarm and emergency braking system, motor overload protection.

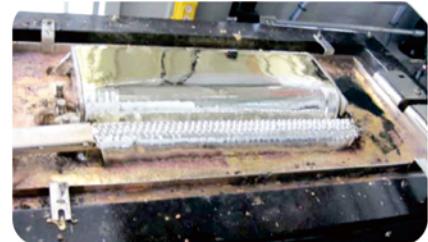


隔热保温装置
Thermal insulation device

波峰马达 / Crest Motor

- 大功率波峰马达，最大波峰高度可达15mm；
- 双波控制采用无极变频技术，可独立控制波峰高度。

High-power peak motor, maximum peak height up to 15mm;
Double wave control adopts stepless frequency conversion technology, which can independently control the peak height.



无极变频技术
Stepless frequency conversion technology

冷却技术 / Cooling Technique

- 强制自然风冷系统，可满足无铅工艺的要求。
- The forced natural air cooling system can meet the requirements of lead-free process.

运输系统 / Transportation System

- 运输系统采用无极变频调整，速度稳定准确。
- The transportation system adopts stepless frequency conversion adjustment, and the speed is stable and accurate.

型号 Model	ETS-350	UXT-400	UXT-610
外型尺寸	External dimension	4100×1300×1650mm	4400×1420×1720mm
净重	Net weight	Approx.约950KG	约Approx.约1250KG
电源	Power source	AC 380V 3Φ5W 50/60HZ	
总功率	Gross power	14KW	33KW
控制系统	Control system	PC+PLC	
PCB宽度范围	PCB width range	50mm-350mm轻型爪 (Lightweight jaw) 50mm-300mm重型爪 (Heavy pawl)	50mm-350mm重型爪 (Heavy pawl) 50mm-610mm重型爪 (Heavy pawl)
PCB上下空间	PCB up and down space	上105mm/下10mm	Top 105mm/Bottom 10mm
运输导轨倾角	Transport rail inclination		4~7°
PCB入口运输高度	PCB inlet transport height		750mm±20mm
运输速度	Transport speed		500-1800mm/min
速度控制方式	Speed control mode		变频器闭环无极调速 (Closed loop)
设备配置 Device Layout			
预热区数量及方式	Heating Zones	3个 全热风 (Full hot air)	
温控方式	Temperature control mode	PID	
预热区长度	Length of preheating zone	1600mm	1800mm
喷头驱动	Sprinkler drive	步进马达 (Step motor)	
喷雾气压	Spray pressure	0.2Mpa~0.4Mpa	
运输爪	Carrying pawl	轻型双钩爪 (标配)、重型双钩爪 (选配)	重型双钩爪
锡炉容量	Tin furnace capacity	360kg (焊锡液面过低报警)	500kg (焊锡液面过低报警) 750kg (焊锡液面过低报警)
锡炉温度	Tin furnace temperature	Max.300°C	
炉胆材质	Furnace material	5mm 316L不锈钢 (Stainless steel)	铸铁搪瓷 (Cast iron enamel)
冷却方式	Cooling mode	强制风冷 (Air Cooling)	

ETS-300 SERIES

波峰焊机

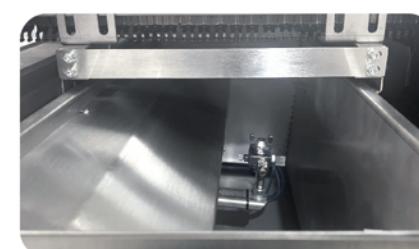
WAVE SOLDERING MACHINE



产品描述 PRODUCT DESCRIPTION

助焊剂喷头 / Spray Nozzle Driving

- 助焊剂喷头采用步进电机驱动，保证助焊剂涂覆均匀；
- 助焊剂缓冲罐感应器内置，更加可靠耐用；
- 可以选择性区域喷雾减少助焊剂流失。



喷雾系统 / Spray System

- 喷雾系统模块化设计，喷头始终垂直轨道，保证助焊剂良好的穿透PCB；
- 采用过滤倒流槽结构，防止助焊剂滴到PCB上。

喷雾模块
Spray module

设计升级 / Design Upgrade

- 内部强化隔热加上可选外部保温措施，有效降低热损耗，节能；
- 轨道角度手动调整，操作方便。
- Internal enhanced heat insulation plus optional external heat preservation measures, effectively reduce heat loss, energy saving;
- Manual adjustment of track Angle, easy to operate.



预热模块
Preheating module

波峰马达 / Crest Motor

- 双波控制采用无极变频技术，可独立控制波峰高度。
- Double wave control adopts stepless frequency conversion technology, which can independently control the peak height.



热风马达
Hot-air motor

预热区 / Preheating Zone

- 预热区采用热风加热，温度稳定。
- The preheating zone is heated by hot air, and the temperature is stable.

运输系统 / Transportation System

- 运输系统采用无极变频调整，速度稳定准确。
- The transportation system adopts stepless frequency conversion adjustment, and the speed is stable and accurate.

型号 Model		ETS-300
外型尺寸	External dimension	3150×1200×1570mm
净重	Net weight	Approx.约650KG
电源	Power source	AC 380V 3Φ5W 50/60HZ
总功率	Gross power	11KW
控制系统	Control system	HMI(触摸屏)+PLC
PCB宽度范围	PCB width range	50mm-270mm
PCB上下空间	PCB up and down space	上105mm/下10mm Top 105mm/Bottom 10mm
运输导轨倾角	Transport rail inclination	4~7°
PCB入口运输高度	PCB inlet transport height	750mm±20mm
运输速度	Transport speed	500-1800mm/min
速度控制方式	Speed control mode	变频器闭环无极调速 (Closed loop)
设备配置 Device Layout		
预热区数量及方式	Heating Zones	2个 全热风 (Full hot air)
温控方式	Temperature control mode	PID
预热区长度	Length of preheating zone	950mm
喷头驱动	Sprinkler drive	步进马达 (Step motor)
喷雾气压	Spray pressure	0.2Mpa~0.4Mpa
运输爪	Carrying pawl	轻型双钩爪 (Lightweight double hook claw)
锡炉容量	Tin furnace capacity	280kg (焊锡液面过低报警)
锡炉温度	Tin furnace temperature	300°C
炉胆材质	Furnace material	5mm 316L不锈钢 (Stainless steel)
冷却方式	Cooling mode	下吹风 (Under air)

V SERIES

热风式在线真空气回流焊机

HOT AIR TYPE ON-LINE VACUUM REFLOW WELDER

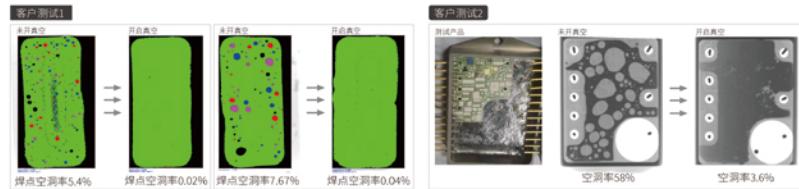


产品描述 PRODUCT DESCRIPTION

超强真空，大幅度减少空洞率 / Super vacuum, greatly reduce the cavity rate

- 超强的真空能力，可大幅度降低空洞率，提升焊点可靠性。

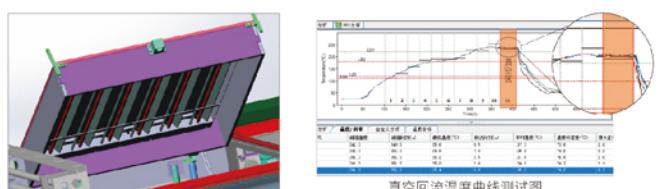
- Super vacuum capacity, can greatly reduce the void rate, improve the reliability of solder joints.



真空区不掉温 / The vacuum zone does not lose temperature

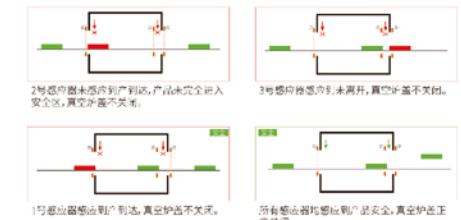
- 真空腔体立体保温，并采用加热补偿，防止掉温，焊接品质和良率更高。

- Vacuum chamber stereo insulation, and the use of heating compensation, to prevent heat loss, welding quality and higher yield.



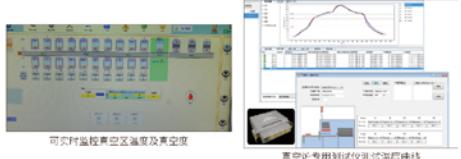
独具匠心三重感应技术 / Triple induction technique

- 前中后三重感应技术，有效防止真空腔闭合时压板和卡板，生产更智能和放心。
The front, middle and back triple induction technology effectively prevents the pressure plate and the card plate when the vacuum chamber is closed, and the production is more intelligent and secure.



真空区实时监控 / Vacuum area real-time monitoring

- 真空区不再盲目，可实时监控温度及真空度，可选配专用温度测试仪，便于调整温度曲线，保持产品焊接的稳定性。
The vacuum area is no longer blind, the temperature and vacuum degree can be monitored in real time, and a special temperature tester can be selected to adjust the temperature curve and maintain the stability of the product welding.



型号 Model		V-1030-N
加热部分 Heating part		
加热区数量 Number of heating zones		上10 / 下10 Top 10 / Bottom 10
加热区长度 Length of heating zone		3892mm
冷却区数量 Number of cooling zones		上3个 / 下3个 Top 3 / Bottom 3
机体部分 Equipment profile		
外形尺寸 Overall dimension		L7150mm x W1630mm x H1650mm
重量 Weight		Approx.约3200kg
排风量要求 Exhaust air volume requirements		10 m³/min 2 通道 (Passage) φ180mm
控制部分 Control section		
电源 Power source		AC 380V 3Φ5W 50/60HZ
启动功率 Starting power		45KW
正常工作消耗 Normal operating consumption		Approx.10KW
升温时间 Warming time		20min UPS断电保护 (Power-off protection)
温度控制范围 Temperature control range		室温 (Room temperature) : 300°C
温度控制方式 Temperature control mode		全电脑PID闭环控制, SSR驱动 (Full computer PID closed-loop control, SSR drive)
温度控制精度 Temperature control accuracy		±1°C
PCB板温度分布差 PCB board temperature distribution is poor		±1.5°C
冷却方式 Cooling mode		冷水冷却 (Cold water cooling)
报警 Give an alarm	温度异常 (恒温后超高温)	Abnormal temperature (ultra high temperature after constant temperature)
三色灯指示 Three color light indication	三色信号指示灯: 黄-升温 绿-恒温 红-异常 Three-color signal light: yellow - warming green - constant temperature red - abnormal	
传动部分 Driving part		
运输导轨调节范围 Transport rail adjustment range		50~450mm
传送方向 Transmission direction		L→R
运输高度 Transport height		链条Chain 900±20mm
传送方式 Transport mode		链条传动 (Chain drive)
传送速度 Transfer speed		300~2000mm/min
真空区 Empty space		
真空区数量 Number of vacuum zones		1个
最大产品面积 Maximum product area		最小产品 (Min. product) : 150x150mm; 最大产品 (Max. product) : 400x450mm
极限真空 Limiting vacuum		10~100Pa
真空抽速 Vacuum pumping speed		60m³/h 可调 (Adjustable)
视觉观察窗口 Visual viewing window		1个
助焊剂回收系统 Flux recovery system		减少设备的保养次数 Reduce the maintenance of equipment
系统控制 System control		PC+PLC
工艺控制动作 Process control action	抽真空时间、真空压力、抽真空抽速、真空维持时间、放气时间自由控制设定 Vacuum time, vacuum pressure, vacuum pumping speed, vacuum maintenance time, discharge time free control setting	
氮气部分 Nitrogen component		
氮气保护装置 Nitrogen protection device		氮气流量(Nitrogen flow rate) 20-30 m³/h 氧浓度(Oxygen concentration) 500-800PPM
外置水冷系统 External water cooling system		功率 3P 制冷速度 ≥3-6 度/sec (Power 3P Cooling speed ≥3-6 degrees /sec)

JTR SERIES

回流焊机 (氮气)

REFLOW WELDER (NITROGEN)



产品描述 PRODUCT DESCRIPTION

产能 / Capacity

- 高产能, 正常生产链速可达 160cm/min; 低能耗, 全新热工学管理系统, 有效降低成本。专业应对高速生产及高精密度 PCB 封装工艺。

High production capacity, normal production chain speed up to 160cm/min; Low energy consumption, new thermal engineering management system, effectively reduce costs. Professional response to high-speed production and high precision PCB packaging process.



双轨道 (可选配) / Dual track (Optional)

- 双轨变速, 单机成本, 双倍产能, 节能达65%。

Double track speed change, single cost, double capacity, energy saving up to 65%.

冷却技术 / Cooling technique

- 最新冷却技术, 多区双面冷却, 最大有效冷却长度达1000mm, 保证产品快速降温至最低的出口温度。

The latest cooling technology, multi-zone double-sided cooling, the maximum effective cooling length of 1000mm, to ensure that the product quickly cooled to the lowest exit temperature.

回收系统 / Recovery system

- 助焊剂回收系统, 多点收集, 充分提高回收效率, 为客户减少保养时间和频率。

Flux recovery system, multi-point collection, fully improve recovery efficiency, for customers to reduce maintenance time and frequency.

N₂ 氮气控制 / Nitrogen control

- 全程氮气定量可控, 各温区独立闭环控制, 可使氧气浓度范围控制至300-1000ppm。

The whole process of nitrogen quantitative control, each temperature zone independent closed-loop control, oxygen concentration range can be controlled to 300-1000ppm.

选配冷水机 / Optional Chiller

- 通过新型的水冷却系统以及长冷却区, 冷却线路板, 从而增加产品表面光洁度, 减少产品表面纹痕和内应力, 使产品不变形, 加速产品定型, 增加大批量生产时的效率。(选配)

Through the new water cooling system and long cooling area, the circuit board is cooled to increase the surface finish of the product, reduce the surface marks and internal stress of the product, so that the product does not deform, accelerate the product shape, and increase the efficiency of mass production. (optional)



选配氧含量分析仪 / Optional oxygen analyzer

- 仪器针对不同气体环境, 传感器采用电解液隔膜方式, 结合 ARM 嵌入式系统, 可运用于纯气体、惰性气体及特殊气体(酸性、碱性等)等不同测量环境中氧浓度的实时测量与分析。(选配)

For different gas environments, the sensor adopts electrolyte diaphragm mode, combined with ARM embedded system, which can be used for real-time measurement and analysis of oxygen concentration in different measurement environments such as pure gas, inert gas and special gas (acid, alkaline, etc.). (optional)



型号 Model	JTR-800N	JTR-1000N	JTR-1200N
加热区长度 Length of heating zone	3110mm	3892mm	4640mm
外形尺寸 Overall dimension	5520x1430x1530mm	6300x1430x1530mm	7050x1430x1530mm
净重 Net weight	Approx.约2400kg/2500kg	Approx.约2700kg/2800kg	Approx.约3000kg/3100kg
排风量 Exhaust air rate	10m ³ /min x2 通道	10m ³ /min x2 Channel	
电源 Power source	AC: 380V 3Φ5w 50/60HZ		
启动功率 Starting power	32KW	38KW	42KW
工作功率 Working power	10KW	11KW	12KW
升温时间 Warming time		Approx.25min	
温度范围 Temperature range	室温 (Room temperature) : -300°C		
PCB最大宽度 Maximum width of PCB	400mm		
部品高度 Part height	PCB板 板上 30mm/ 板下 25mm	Top 30mm/Bottom 25mm	
运输方向 Transport direction	左向右 (可选: 右向左) Left to Right (Optional: Right to Left)		
导轨固定方式 Way of fixing guide	前段固定 (可选: 后端固定) Front segment fixation (Optional: Rear end fixation)		
导轨距地面高度 Height between guide rail and	900±20mm		
运输速度 Transport speed	300-2000mm/min		
加热区数量 Number of heating zones	上8/下8 Top 8/Bottom 8	上10/下10 Top 10/Bottom 10	上12/下12 Top 12/Bottom 12
冷却区数量 Number of cooling zones	上3/下3 Top 3/Bottom 3		
控制系统 Control system	商用电脑+PLC (Business computer+PLC)		
温控方式 Temperature control mode	PID+SSR		
运输系统 Transportation system	导轨+网带运输 (Rail + Mesh)		
运输控制方式 Transportation control mode	变频器+运输马达 (Inverter + Transport Motor)		
链条结构 Chain structure	双排链扣防卡板式 (Double row chain pick anti-stuck plate)		
导轨调宽 Width adjustment of guide	导轨电动调宽 (Electric adjustable)		
上盖启动 Top starting	上盖电动开启, 方便炉内清洁 (Electric open for easy maintenance)		
UPS电源 UPS power supply	UPS备用电源 (Standby power supply)		
冷却方式 Cooling mode	强制空气冷却 (选配冷水机冷却) Forced air cooling (optional chiller cooling)		
氮气消耗量 Nitrogen consumption	300-1000PPM at 20M ³ /hr (standard)/500-1000PPM at 25-30M ³ /hr (-D" or "-L" models)		

JTE SERIES

回流焊机（双轨） REFLOW WELDER (DOUBLE TRACK)



产品描述 PRODUCT DESCRIPTION

加强主吊臂 / Strengthen the main boom

- 加强主吊臂确保导轨横向不变形，杜绝卡板及掉板现象发生。
- Strengthen the main lifting arm to ensure that the guide rail does not deform horizontally, and prevent the phenomenon of clamping plate and falling plate.



多层保温设计
Multilayer insulation design

多层保温 / Multilayer insulation

- 炉膛多层保温，使得炉温对环境温度的影响最小化。
- The furnace is insulated by multiple layers, which minimizes the influence of the furnace temperature on the ambient temperature.

高热传热效率 / High heat transfer efficiency

- 热传递效率的提升从容应对更复杂更大型焊接品质的无铅工艺要求。
- Increase in heat transfer efficiency to meet the lead-free process requirements of more complex and larger welding quality.



焊接工艺效果图
Welding process effect drawing

双轨道 / Dual track

- 双导轨结构有效提高生产效率，节约能耗及生产成本。
- Double guide rail structure effectively improves production efficiency, saves energy consumption and production costs.

冷却结构 / Cooling structure

- 新式冷却结构设计使大部分废气过滤或回收返回炉内，减少了热量的损失，同时使助焊剂回收更彻底。
- The new cooling structure design allows most of the exhaust gas to be filtered or recycled back into the furnace, reducing heat loss and enabling more thorough flux recovery.

型号 Model	JTE-800D	JTE-1000D	JTE-1200D
加热区长度	Length of heating zone	3110mm	3890mm
外形尺寸	Overall dimension	5220x1660x1530mm	6000x1660x1530mm
净重	Net weight	Approx.约2600KG	Approx.约2950KG
排风量	Exhaust air rate	10m³/min x2 通道	10m³/min x2 Channel
电源	Power source	AC; 380V 3Φ5w 50/60HZ	
启动功率	Starting power	32KW	38KW
工作功率	Working power	10KW	11KW
升温时间	Warming time	Approx.30min	
温度范围	Temperature range	室温 (Room temperature) : -300°C	
PCB最大宽度	Maximum width of PCB	270mmx2(单通道Single channel 50-490mm)	
部品高度	Part height	板上 30mm/ 板下 25mm	Top30mm/Bottom25mm
运输方向	Transport direction	左向右 (可选: 右向左) Left to Right (Optional: Right to Left)	
导轨固定方式	Way of fixing guide	双轨1,4固定 (可选: 1,3固定) Dual track 1,4 fixed (Optional: 1,3 fixed)	
导轨距地面高度	Height between guide rail and	900±20mm	
运输速度	Transport speed	300-2000mm/min	
加热区数量	Number of heating zones	上8/下8 Top 8/Bottom 8	上10/下10 Top 10/Bottom 10
冷却区数量	Number of cooling zones	上2冷却区 (Top 2 cooling zone)	
控制系统	Control system	商用电脑 (Business computer+PLC)	
温控方式	Temperature control mode	PID+SSR	
运输系统	Transportation system	双导轨+网带运输 (Dual rail + Mesh)	
运输控制方式	Transportation control mode	变频器+运输马达 (Inverter + Transport Motor)	
链条结构	Chain structure	不锈钢排挡边链条, 防卡板式	
导轨调宽	Width adjustment of guide	导轨电动调宽 (Electric adjustable)	
上盖启动	Top starting	上盖电动开启, 方便炉内清洁 (Electric open for easy maintenance)	
UPS电源	UPS power supply	备用电源 (Standby power supply)	
冷却方式	Cooling mode	强制空气冷却 (Forced air cooling)	

JTE SERIES

回流焊机

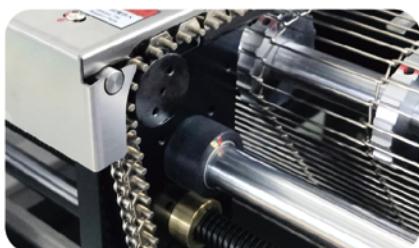
REFLOW WELDER



产品描述 PRODUCT DESCRIPTION

导轨系统 / Guideway system

- 导轨采用特殊硬化处理，坚固耐用；
- 采用不锈钢双排挡边链条，实用可靠。



热均衡 / Heat balance

- 理论的设计与实际的测试，通过客户的验证，获得最佳的重复性结果 CPK 值，也让众多客户在工厂现场看到最低的能耗。
- Theoretical design and practical testing, through customer verification, to obtain the best repetitive result CPK value, but also many customers in the factory site to see the lowest energy consumption.

多层保温 / Multilayer insulation

- 炉膛多层保温，专利溢温收集设计，使得炉体对环境温度的影响最小化。
- Multi-layer furnace insulation, patented overflow temperature collection design, so that the impact of the furnace body on the ambient temperature is minimized.

回收系统 / Recovery system

- 可以在线维护松香回收系统，全模块化设计，维护保养方便快捷，减少维护时间及成本。
- Rosin recovery system can be maintained online, full modular design, convenient maintenance, reduce maintenance time and cost.

可循环再用 / It can be recycled

- 机器上95%的材料可以循环再用。
- 95% of the material on the machine can be recycled.

型号 Model	JTE-800	JTE-1000	JTE-1200
加热区长度	Length of heating zone	3110mm	3890mm
外形尺寸	Overall dimension	5220x1430x1530mm	6000x1430x1530mm
净重	Net weight	Approx.约2400KG	Approx.约2700KG
排风量	Exhaust air rate	10m ³ /min x2 通道	10m ³ /min x2 Channel
电源	Power source	AC; 380V 3Φ5w 50/60HZ (可选Optional: AC220V 3Φ)	
启动功率	Starting power	30KW	36KW
工作功率	Working power	9KW	10KW
升温时间	Warming time		Approx.25min
温度范围	Temperature range		室温 (Room temperature) : -300°C
PCB最大宽度	Maximum width of PCB		400mm
部品高度	Part height	板上 30mm/ 板下 25mm	Top 30mm/Bottom 25mm
运输方向	Transport direction	左向右 (可选: 右向左) Left to Right (Optional: Right to Left)	
导轨固定方式	Way of fixing guide	前段固定 (可选: 后端固定) Front segment fixation (Optional: Rear end fixation)	
导轨距地面高度	Height between guide rail and		900±20mm
运输速度	Transport speed		300-2000mm/min
加热区数量	Number of heating zones	上8/下8 Top 8/Bottom 8	上10/下10 Top 10/Bottom 10
冷却区数量	Number of cooling zones	上2冷却区 (Top 2 cooling zone)	上3冷却区 (Top 3 cooling zone)
控制系统	Control system		商用电脑+PLC (Business computer+PLC)
温控方式	Temperature control mode		PID+SSR
运输系统	Transportation system		导轨+网带运输 (Rail + Mesh)
运输控制方式	Transportation control mode		变频器+运输马达 (Inverter + Transport Motor)
链条结构	Chain structure		双排链抠防卡板式 (Double row chain pick anti-stuck plate)
导轨调宽	Width adjustment of guide		导轨电动调宽 (Electric adjustable)
上盖启动	Top starting		上盖电动开启，方便炉内清洁 (Electric open for easy maintenance)
UPS电源	UPS power supply		UPS备用电源 (Standby power supply)
冷却方式	Cooling mode		强制风冷 (Forced air cooling)

全自动上下板机

AUTOMATIC LOADING AND UNLOADING MACHINE

型号 Model	MWS-250 (上板机Palletizer)	MWS-250 (下板机Depanelling)
外形尺寸(L*W*H) Overall dimensions	1220x820x1650mm	1530x820x1650mm
PCB宽度(L*W) PCB Width	(50x50)-(350x250)mm	
适应料框 Adaptive stock frame	355x320x563mm	
电源/功率 Power supply/Power	AC220V50/60HZ 100W	
起源压力 Origin pressure	5kgf/cm ²	
传输高度 Transmission height	900±20mm	
PCB厚度 PCB thickness	0.4-8mm	
PCB传输方向 PCB transmission direction	左→右或右→左 (选配) Left → Right or Right → Left (optional)	
料架升降步距 Rack lift step	10-100mm	
重复精度 repeatability	0.05mm	
放置料箱数量 Number of containers placed	上输送机:1个,下输送机:1个 Upper conveyor :1, lower conveyor :1	
重量 Weight	约150KG	约180KG

注：另外其他尺寸可选，回流焊辅助设备。Note: Other sizes optional, reflow auxiliary equipment.



移载机

TRANSFER MACHINE

型号 Model	单车移载机(Single load transfer machine)	双车移载机(Dual vehicle transfer machine)
外形尺寸(L*W*H) Overall dimensions	(1200-5000)x600x1100mm	(2500-5000)x600x1100mm
PCB宽度(L*W) PCB Width	450x(50-350)mm	450x(50-350)mm
最大功率 Maximum power	450W	900W
导轨固定方式 Way of fixing guide	前固定/后固定 Front fixation/Rear fixation	
循环时间 Cycle time		10m/s
PCB运输高度 PCB transport height		900±20mm
PCB运输方向 PCB transport direction	L→R或R→L (根据线体摆放位置而定)	
皮带类型 Belt type	圆皮带或者扁平皮带 (防静电) 可选配 Round/flat belt (ESD) Optional	
平移速度 Translation velocity		Approx.0.5m/s
重复移动精度 Repetitive motion accuracy		<0.5mm
输入电压 Input voltage		AC 220V/50-60Hz
控制操作系统 Control operating system	触摸屏+PLC可编程控制器 (Touch screen +PLC programmable controller)	



单轨OK/NG缓存机

MONORAIL OK/NG CACHE MACHINE

型号 Model	MWJ-1000
外形尺寸(L*W*H) Overall dimensions	1000x810x1750mm
重量 Weight	约75KG
存储层数 Storage layers	5层/10层 5 /10 Floors
PCB输送方向 PCB delivery direction	前轨固定 左→右 Front rail fixed, left → right
PCB最大尺寸 Maximum PCB size	100x70mm~460x330mm(L*W)
PCB送板速度 PCB feed speed	1-15Sec./Piece
PCB厚度 PCB thickness	0.8-2.5T 重量Weight<2KG/Piece
工作高度 Working height	900±20mm
电源 Power source	AC220V 50-60Hz 0.45A 100W



接驳台

DOCKING STATION

型号 Model	MWJB-500不带灯No light	MWJB-1000带灯With lamp
外形尺寸(L*W*H) Overall dimensions	500x720x900mm	1000x720x1700mm
PCB宽度(L*W) PCB width	50-380mm	
PCB运输高度 PCB transport height	900±20mm	
PCB运输方向 PCB transport direction	左→右 Left → Right	
PCB运输速度 PCB transport speed	0-8000mm/min	
电源 Power source	220V 50Hz	
电力消耗 Power consumption	80W	

注：另外其他尺寸及双轨接驳台可选。Note: Other sizes and double rail docking stations are optional.



OK/NG下板机

OK/NG DISCONNECTING MACHINE

型号 Model	MWS-250
外形尺寸(L*W*H) Overall dimensions	1550x1570x1650mm
电路尺寸(L*W) Circuit size	355x(50-250)mm
料箱尺寸(L*W*H) Tank size	355x320x560mm
待机料框数量 Number of standby frames	上下输送各2个, 升降台2个 Up and down conveyor 2 each, lifting platform 2
PCB运输方向 PCB transport direction	左→右或右→左 (选配) Left → Right or Right → Left (optional)
料箱更换时间 Tank replacement time	Approx.30s或用户指定(Or User specified)
控制方式 Control mode	PLC
步距选择 Step selection	10, 20, 30, 40mm或用户指定(Or User specified)
电源/功率 Power supply/Power	AC 220V/50-60Hz 400W
气压及气流量 Air pressure and air flow	4-6bar; MAX: 10L/min

注：另外其他尺寸可选。Note: Other sizes are optional.



输出机

OUTPUT UNIT

- 波峰焊辅助设备；
- 三排散热风扇设计，最大限度降低PCB和组件的温度；
- 运输带有皮带和防滑链条。

• Wave soldering auxiliary equipment;
• Three-row cooling fan design to minimize the temperature of PCB and components;
• Transport with belt and chain bar.



型号 Model	MWC-300/350/400	MWSC-350/450/610
外形尺寸(L*W*H) Overall dimensions (L*W*H)	1200x380/430/480x1000mm	1800x600/750/860x1200mm
皮带宽度A(Belt) PCB宽度B(Mesh)	300/350/400mm	50-350/450/610mm
PCB运输方向 PCB transport direction	左→右 Left → Right	
运输速度 Transport speed	0-2000mm/min	
运输带长度 Conveyor belt length	330mm+870mm	380mm+1040mm+380mm
机身高度 PCB width	700-1000mm	750-1200mm
电源/功率 Power supply/Power	AC220V 100W	AC220V 500W