

高效运作 · 稳定可靠
用户满意 · 合作共赢



三防漆涂覆机 无铅回流焊机 无铅波峰焊机
Conformal Coating Machines Lead-free reflow oven machine Lead-free Wave Soldering machine

专注于流体控制设备 的研发制造

Focused on the research and manufacturing of
fluid control equipment

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SHENZHEN CY INDUSTRY AUTOMATION EQUIPMENT CO.,LTD.

CY
INDUSTRY

公司简介 Company Profile

深圳市诚远工业自动化设备有限公司是国内领先的集研发、生产、销售、服务为一体的智能自动化设备制造企业。公司专注于流体控制设备的研发制造，主要生产“无铅回流焊锡机”“无铅波峰焊”“全自动选择性涂覆机”、以及SMT周边设备。设备主要应用于数码通讯、LED、汽车电子、智能穿戴、仪器仪表、航天航空等领域。

公司以福永为基地，不断学习行业内的优秀资源，积极创新整合，广泛吸收高级技术人才，与哈尔滨工业大学建立永久的产品学习研究开发互协关系。随着公司的不断发展壮大，现公司销售网络已经遍及全国各地，拥有多家稳定的代理商。

Shenzhen Chengyuan Industrial Automation Equipment Co., Ltd. is a leading domestic intelligent automation equipment manufacturing enterprise that integrates research and development, production, sales, and service. The company specializes in the development and manufacturing of fluid control equipment, mainly producing "Lead-free Reflow Soldering Machines," "Lead-free Wave Soldering Machines," "Fully Automatic Selective Conformal Coating Machines," and SMT peripheral equipment. These devices are primarily used in fields such as digital communications, LED, automotive electronics, smart wearables, instrumentation, aerospace, and more. The company is based in Shenzhen and continuously learns from outstanding industry resources, actively innovating and integrating. It extensively recruits senior technical talents and has established a permanent product research and development cooperation relationship with Harbin Institute of Technology. With the continuous growth of the company, its sales network has expanded nationwide, with a stable network of distributors.



随着诚远工业不断创新，不断的拥有行业各种核心专利技术，增强客户和合作伙伴的信任和认可

As Chengyuan Industry continues to innovate and owns various core patented technologies in the industry, it enhances the trust and recognition of customers and partners.

质量管理

公司已通过ISO9001质量体系认证，标志着产品的质量完全纳入国际标准规范的轨道；保证为用户提供符合国际质量标准的规范，优质的产品。

QUALITY CONTROL

The company has passed the ISO9001 quality system certification, marking the quality management of the product is fully integrated into the international standardized track; to ensure that the user to provide the norms in line with international quality standards, quality products.





专注于流体控制设备 的研发制造

Focused on the research and manufacturing
of fluid control equipment

经营目标：诚信、创新、共赢

设计理念：性价比高，精益求精

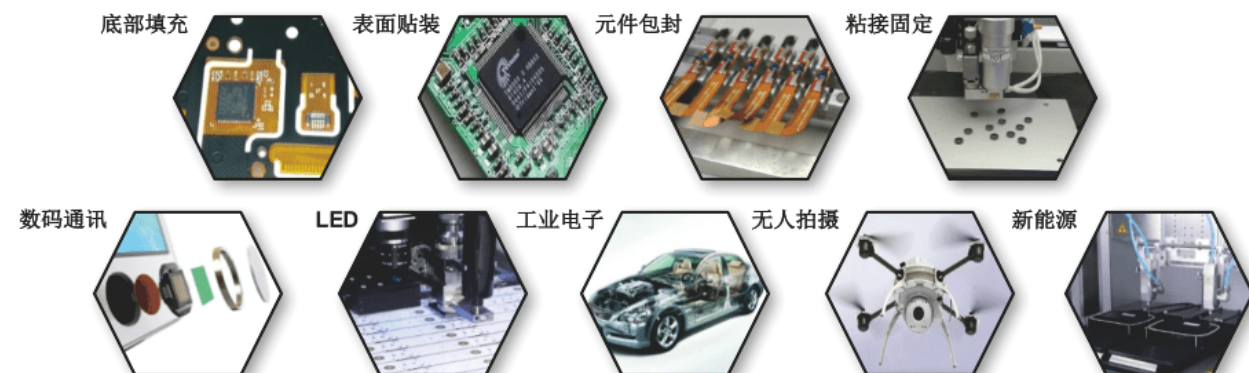
品质方针：顾客满意

质量目标：确保工作的有效性，不断满足行业客户需求的技术与服务创新能力

开发宗旨：产品在国内同行处于领先水平并不是诚远的最终目标，时刻追踪国际上本领域的最新概念及最佳工艺、不断的推陈出新、最大限度的满足客户日益复杂的工艺要求,这是诚远公司永远不变的开发宗旨

产品应用

Product Application



主营业务 Main Businesses

无铅回流焊锡机
无铅波峰焊机
全自动选择性涂覆机
SMT周边设备

Lead-Free Reflow Oven Machine
Lead-Free Wave Soldering Machine
Auto Selective Conformal Coating
Machine
SMT Peripheral Equipment



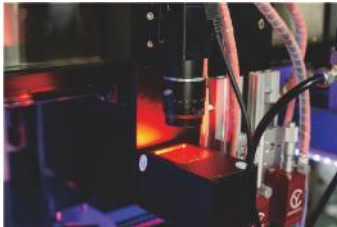
CY-460F

五轴选择性涂覆机

Five Axis Selective Conformal Coating Machine



四轴可以倾斜、旋转。可以装不同的阀体
The four axes are capable of tilting and rotating, and can be equipped with various valve bodies.



设备增加相机功能拍mark点, 提高喷涂质量。
The equipment has been enhanced with a camera function to capture mark points, thereby improving the quality of spraying.

机器特点 Features of Machine

- ◆ 设备采用工业电脑控制, windows操作系统;
- ◆ 采用伺服电机+滚珠丝杆驱动, 具有自动精度校准功能, 可自动消除误差;
- ◆ X、Y、Z、U四轴运动, 阀体自动倾斜35°360°任意旋转, 可做到无死角喷涂;
- ◆ 可同时搭载两套或多套阀体, 提高产能实现拼板喷涂;
- ◆ 配备涂覆阀自动浸泡与自动吐液装置, 可免除阀嘴堵塞现象, 保养方便快捷;
- ◆ 在线式轨道设计, 可与其他设备在线接驳;
- ◆ 支持离线编程和手动示教编程方式;
- ◆ 配置废气排放口
- ◆ 配备SMEMA接口可与其他设备通讯
- ◆ 可选配胶量液位报警系统
- ◆ 可选配CCD视觉定位系统

- ◆ The equipment is controlled by an industrial computer and runs on the Windows operating system;
- ◆ Equipped with servo motor and ball screw drive, it has automatic precision calibration function and can automatically eliminate errors
- ◆ X、Y、Z, and U four axis movement, the valve body automatically tilts 35° and rotates 360° freely, achieving seamless spraying without blind spots
- ◆ Can be equipped with two or more sets of valves at the same time, increasing production capacity and achieving panel spraying
- ◆ Equipped with a coating valve automatic soaking and automatic liquid dispensing device, it can eliminate valve nozzle blockage and facilitate quick and easy maintenance
- ◆ Online track design that can be connected to other equipment online;
- ◆ Support offline programming and manual demonstration programming methods;
- ◆ Configure exhaust gas discharge outlet
- ◆ Equipped with SMEMA interface for communication with other devices
- ◆ Optional glue quantity and liquid level alarm system
- ◆ Optional CCD visual positioning system

CY-460F设备参数 (F系列)

CY-460F equipment parameters(F Series)

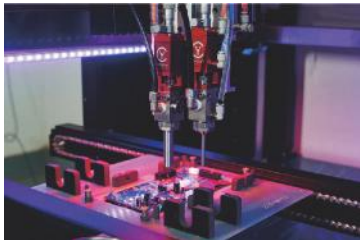
型号	Model	CY-460F	CY-460FR
机架外型尺寸	Rack dimensions	L1060mm*W1200mm*H1700mm	L1250mm*W1320mm*H1700mm
重量	Weight	700kg	800kg
控制方式	Control	工控机+运动控制卡/ Industrial computer+ motion control card	
编程方式	Programming	手动示教/ Manual Teaching	
运行软件	Software	诚远涂覆机智能选择性控制软件 /CY Coating Machine Intelligent Selective Control Software	
PCB传输高度	PCB transmission height	900±20mm	
运输速度	Transportation speed	Max 300mm/s	
传送方向	Transport Direction	L→R (R→L)	
传输方式	Transmission mode	不锈钢链条+步进电机/ Stainless steel chain + stepper motor	
PCB宽度范围	PCB width range	50-450mm	50-580mm
调宽方式	Width adjustment	步进电机电动调宽/ Stepper motor electric width adjustment	
X、Y轴驱动方式	X、Y-axis drive mode	伺服电机+高精度丝杆模组/ Servo motor + high-precision screw module	
X、Y轴最大运行速度	Maximum operating speed of X and Y axes	1000mm/s	
X.Y轴定位精度	X、Y-axis positioning accuracy	0.01 mm	
Z轴最大运行速度	Maximum operating speed of Z-axis	500mm/s	
Z轴驱动方式	Z-axis drive mode	伺服电机+高精度模组/ Servo motor + high-precision module	
Z轴定位精度	Z-axis positioning accuracy	0.01 mm	
U轴驱动方式	U-axis drive mode	伺服电机+同步轮/同步带/ Servo motor + synchronous wheel/synchronous belt	
U轴回转角度	U-axis rotation angle	180°	
胶阀倾斜角度	Tilt angle of valve	< 35°	
胶阀上下	The valve moves	滑台气缸/ Sliding table cylinder	
胶阀数量	Number of valves	2	
胶阀类型	Valve type	锥形阀/针式雾化阀/ Cone valve/needle atomization valve	
PCB板大小	PCB board size	MAX W50mm*L460mm	50-580
PCB板元器件高度	PCB board component height	MAX 100mm	
清洗功能	Cleaning function	设备自带清洗功能/ The device comeswith a built-in cleaning function	
照明部分	Lighting	设备自带白光灯和紫光灯/White light lamp and purple light lamp	
电源	Power supply	AC220V	
气源	Air source	≥0.4MP	
总功率	Total power	2KW	2.5KW
自动清洗装置	Automatic cleaning device	标配/Standard	
条码扫描功能	Barcode scanning function	可选配/Optional	
CCD视觉定位	CCD visual positioning	可选配/Optional	

参数若有改变, 恕不另行通知! Parameters are subject to change without prior notice.

CY-460T

三轴选择性涂覆机

Three Axis Selective Conformal Coating Machine



标准配置, 通用性强
Standard configuration with strong versatility.



高效率拼版四阀喷涂工艺
High-Efficiency Four-Valve Imposition Coating Process

机器特点 Features of Machine

- ◆ 设备采用工业电脑控制, windows操作系统;
- ◆ 采用伺服电机+滚珠丝杆驱动, 具有自动精度校准功能, 可自动消除误差;
- ◆ 可同时搭载两套或多套阀体, 提高产能实现拼板喷涂;
- ◆ 配备涂覆阀自动浸泡与自动吐液装置, 可免除阀嘴堵塞现象, 保养方便快捷;
- ◆ 在线式轨道设计, 可与其他设备在线接驳;
- ◆ 支持离线编程和手动示教编程方式;
- ◆ 配置废气排放口
- ◆ 配备SMEMA接口可与其他设备通讯
- ◆ 可选配胶量液位报警系统
- ◆ 可选配CCD视觉定位系统
- ◆ The equipment is controlled by an industrial computer and runs on the Windows operating system;
- ◆ Equipped with servo motor and ball screw drive, it has automatic precision calibration function and can automatically eliminate errors
- ◆ Can be equipped with two or more sets of valves at the same time, increasing production capacity and achieving panel spraying
- ◆ Equipped with a coating valve automatic soaking and automatic liquid dispensing device, it can eliminate valve nozzle blockage and facilitate quick and easy maintenance
- ◆ Online track design that can be connected to other equipment online;
- ◆ Support offline programming and manual demonstration programming methods;
- ◆ Configure exhaust gas discharge outlet
- ◆ Equipped with SMEMA interface for communication with other devices
- ◆ Optional glue quantity and liquid level alarm system
- ◆ Optional CCD visual positioning system

CY-460T设备参数 (T系列)

CY-460T Equipment Parameters (T Series)

型号	Model	CY-460T
机架外型尺寸	Rack dimensions	L1000mm*W1200mm*H1700mm
重量	Weight	700kg
控制方式	Control	工控机+运动控制卡/ Industrial computer + motion control card
编程方式	Programming	手动示教/ Manual Teaching
运行软件	Software	诚远涂覆机智能选择性控制软件/ CY Coating Machine Intelligent Selective Control Software
PCB传输高度	PCB transmission height	900±20mm
运输速度	Transportation speed	Max 300mm/s
传送方向	Transport Direction	左→右/L-R
传输方式	Transmission mode	不锈钢链条+步进电机/ Stainless steel chain + stepper motor
PCB宽度范围	PCB wide range	50-450mm标准/Standard 选配/Optional50-580mm
调宽方式	Width adjustment method	步进电机电动调宽/ Stepper motor electric width adjustment
X、Y轴驱动方式	X、Y-axis drive mode	伺服电机+高精度丝杆模组/ Servo motor + high-precision screw module
X、Y轴最大运行速度	Maximum operating speed of X,Y axis	1000mm/s
X.Y轴定位精度	X、Y-axis positioning accuracy	0.02 mm
Z轴最大运行速度	Maximum operating speed of Z-axis	500mm/s
Z轴驱动	Z-axis drive	伺服电机+高精度丝杆模组/ Servo motor + high-precision screw module
Z轴定位精度	Z-axis positioning accuracy	0.02 mm
胶阀上下	Valve moves	滑台气缸/ Sliding table cylinder
胶阀数量	Number of valves	2
胶阀类型	Valve type	锥形阀/针式雾化阀/ Cone valve/needle atomization valve
PCB板大小	PCB size	MAX W50mm*L460mm
PCB板元器件高度	PCB components height	MAX 100mm
涂覆宽度	Coating width	1-30mm (根据胶阀种类而定/ Depending on the type of valve)
料桶容积	Bucket capacity	10L供胶压力桶/Glue supply pressure drum
清洗桶	Cleaning bucket	500mL
清洗功能	Cleaning function	设备自带清洗功能/ The device comes with a built-in cleaning function
照明部分	Lighting section	设备自带白光灯和紫光灯/White light lamp and purple light lamp
电源	Power supply	AC220V
气源	Air source	≥0.4MP
总功率	Total power	2.5KW
自动清洗装置	Automatic cleaning device	标配/Standard
条码扫描功能	Barcode scanning function	可选配/Optional
CCD视觉定位	CCD visual positioning	可选配/Optional

参数若有改变, 恕不另行通知! Parameters are subject to change without prior notice.

CY-460S

整板涂覆机

Full Board Conformal Coating Machine



机器特点 Features of Machine

- ◆ 采用PLC+伺服马达+传动皮带驱动，精度达0.04mm；
 - ◆ 标配1个胶阀，喷涂简单可靠；
 - ◆ 外置500CC与10L (选配) 供胶桶，供胶恒定、灵活；
 - ◆ 自带清洗功能，保养方便快捷；
 - ◆ 设备自动UV检测功能
 - ◆ 全新在线式无障碍轨道运输+自动隔绝胶水功能；
 - ◆ 低压雾化，边界整齐，减少污染；
 - ◆ 支持可视化编程和手动试教功能。
- ◆ Adopting PLC+ servo motor +transmission belt drive, with an accuracy of 0.04mm;
 - ◆ Standard configuration includes 1valve, easy and reliable spraying
 - ◆ External 500CC and 10L (optional) glue supply barrels provide constant and flexible glue supply
 - ◆ Comes with cleaning function, easy and fast maintenance
 - ◆ The device is equipped with automatic UV detection function
 - ◆ New online accessible rail transportation+ automatic isolation glue function
 - ◆ Low pressure atomization, neat boundaries, reducing pollution;
 - ◆ Support visual programming and manual trial teaching function

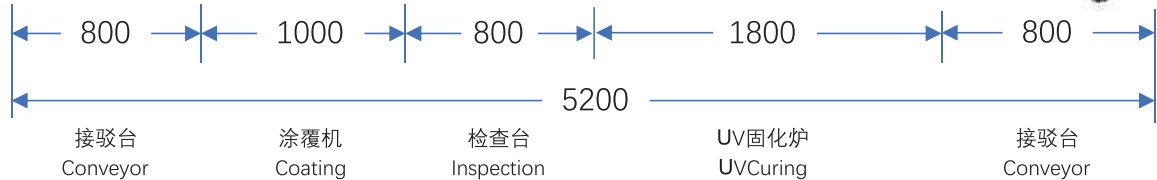
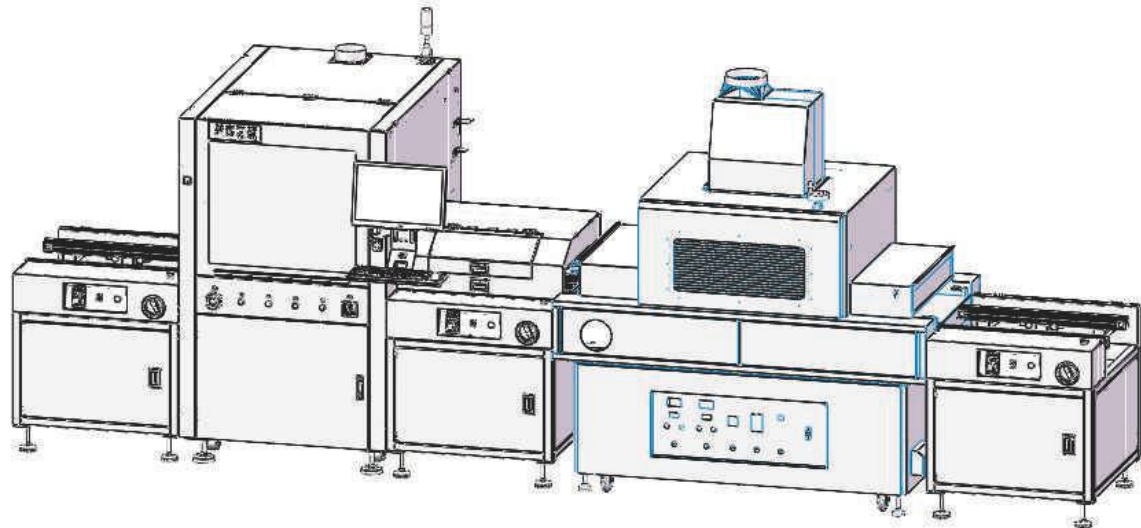
型号	Model	CY-460S
机架外型尺寸	External dimensions L*W*H	L1130mm*W960mm*H1650mm
重量	Weight	480kg
控制方式	Control mode	PLC+触摸屏/ PLC + touch screen
编程方式	Programming	手动示教/ Manual Teaching
运行程序存储数量	Number of program storage operations	1000个以上/Over 1000
PCB传输高度	PCB transmission height	900±20mm
运输速度	Transportation speed	1000mm/min
传送方向	Transport Direction	左→右/L-R
传输方式	Transmission mode	不锈钢链条+步进电机/ Stainless steel chain + stepper motor
PCB宽度范围	PCB width range	50-450mm
调宽方式	Width adjustment method	手动调宽/ Manual width adjustment
Y轴驱动方式	Y-axis drive mode	伺服电机+同步带/ Servo motor + synchronous belt
Y轴最大运行速度	Maximum operating speed of Y-axis	1000mm/s
Y轴定位精度	Y-axis positioning accuracy	0.04 mm
胶阀上下	Valve moves	滑台气缸/ Sliding table cylinder
胶阀数量	Number of rubber valves	1
胶阀类型	Valve type	锥形阀/ Conical valve
PCB板大小	PCB size	MAX W50mm*L460mm
PCB板元器件高度	PCB components heght	MAX 50mm
涂覆宽度	Coating width	1-30mm
涂覆厚度	Coating thickness	0.01mm-5mm （根据胶水性能决定/ Determine based on the performance of the adhesive)
料桶容积	Bucket capacity	10L供胶压力桶/Glue supply pressure drum
清洗桶	Cleaning bucket	500mL
清洗功能	Cleaning function	设备自带清洗功能/ The device comes with a built-in cleaning function
照明部分	Lighting	设备自带白光灯和紫光灯/White light lamp and purple light lamp
电源	Power supply	AC220V
气源	Air source	≥0.4MP
总功率	Total power	1 KW

参数若有改变，恕不另行通知！Parameters are subject to change without prior notice.

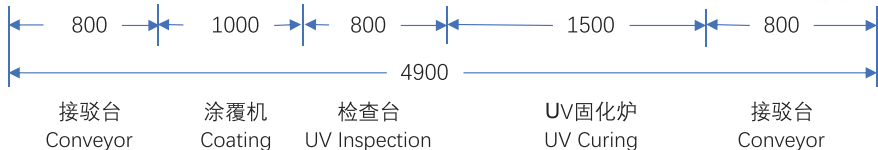
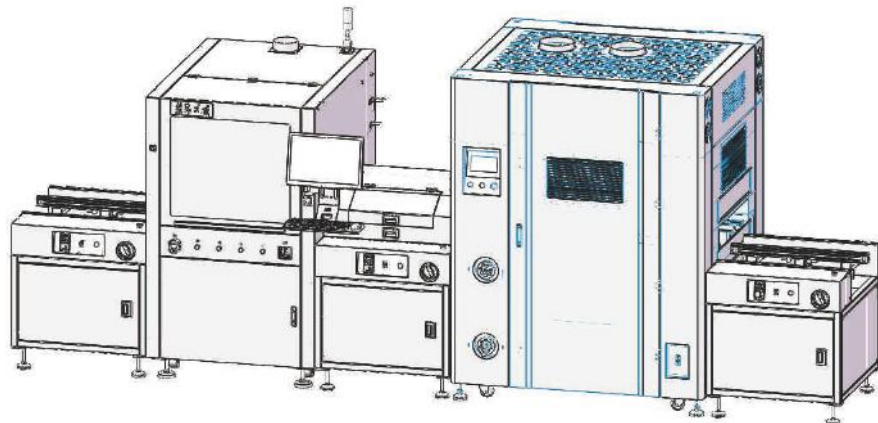
涂覆机设备线体:生产解决方案实例

Conformal coating line solutions examples:

标准UV炉涂覆线体/ Standard UV Oven Coating Line



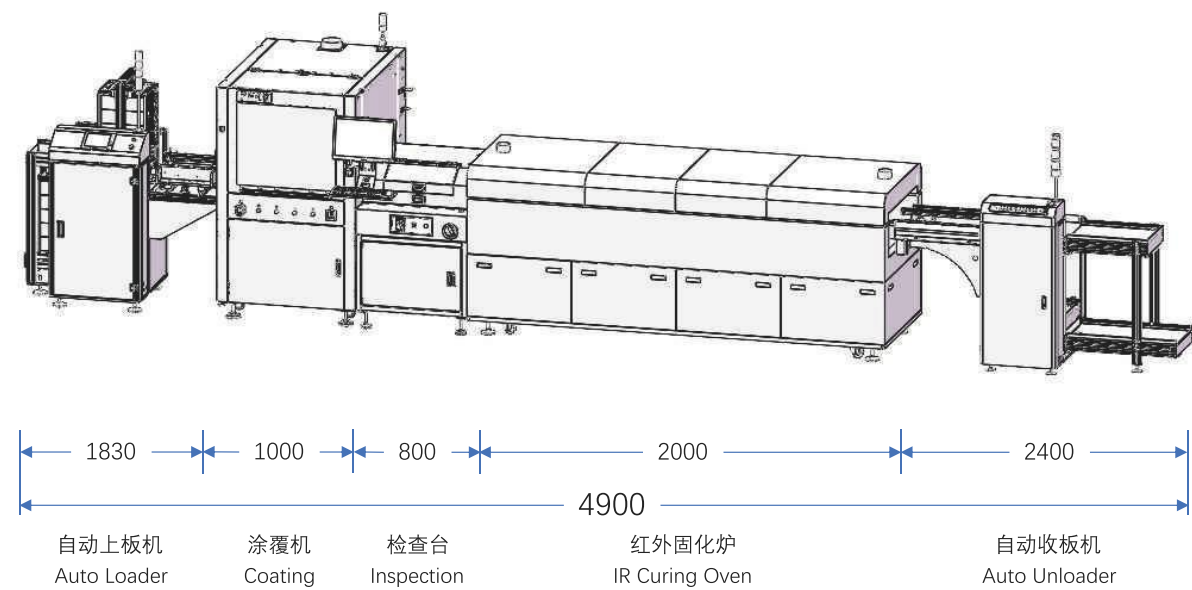
柜式UV炉涂覆线体/ Cabinet-Type UV Oven Coating Line



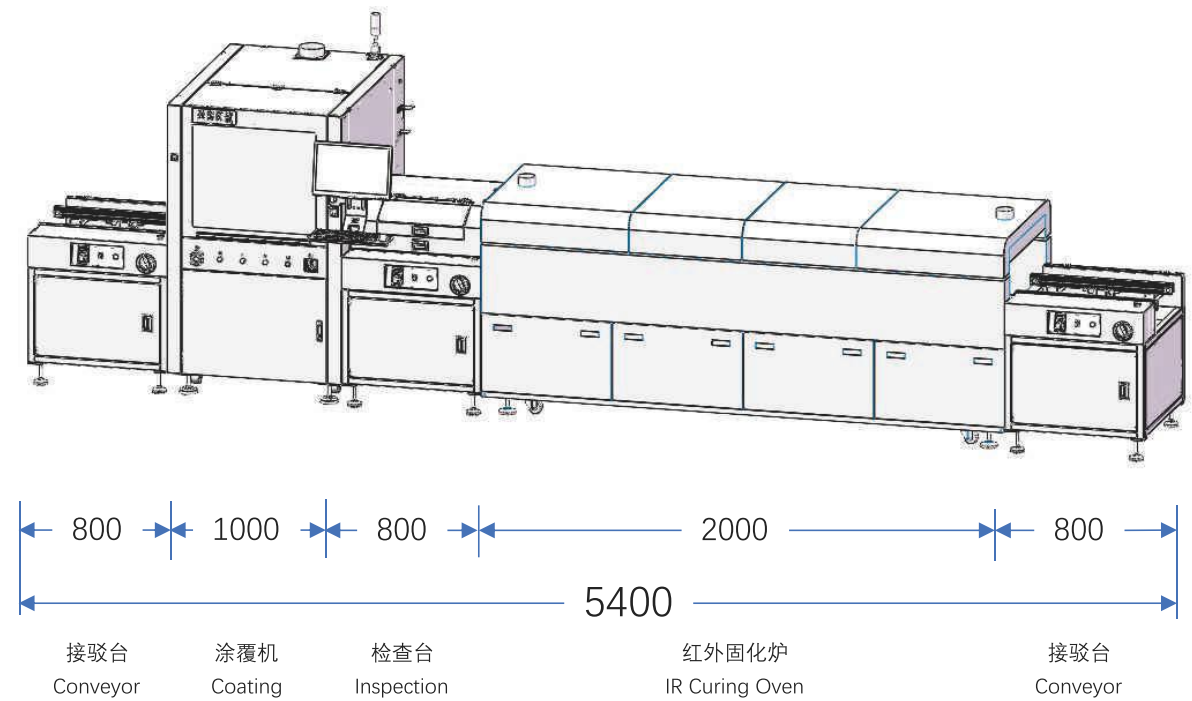
涂覆机设备线体:生产解决方案实例

Conformal coating line solutions examples:

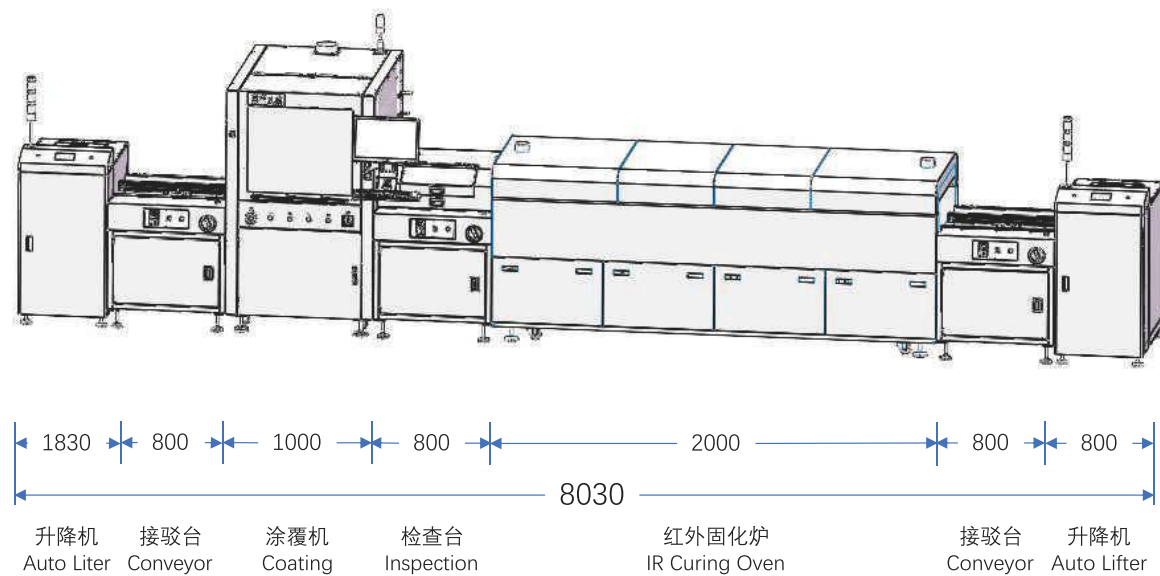
上下板机涂覆线体/ Loader/Unloader Coating Line



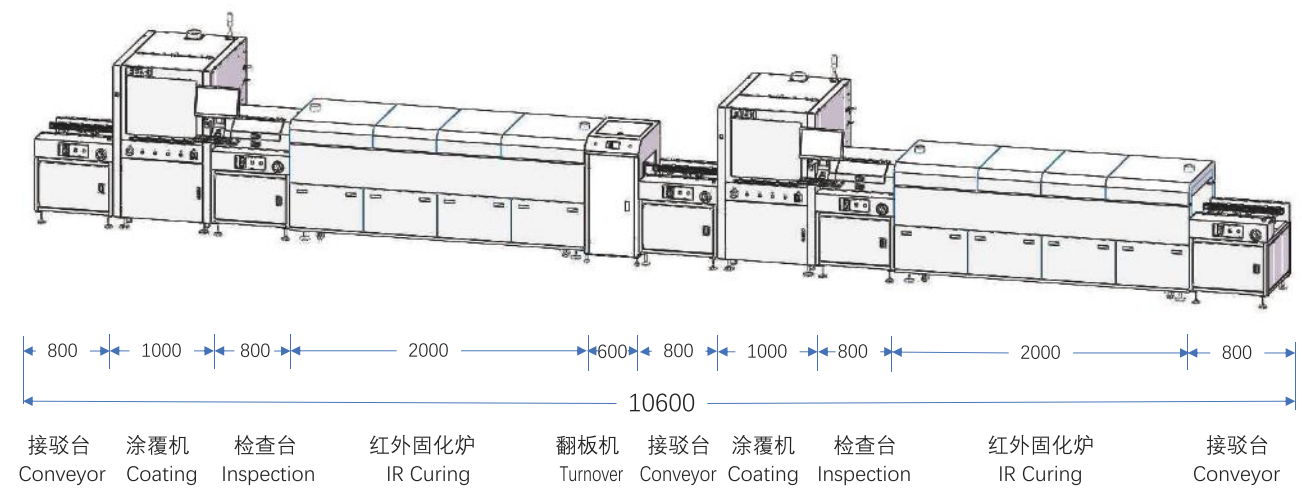
标准红外炉涂覆线体/ Standard IR Oven Coating Line



升降回流涂覆线体/ Lifting Reflow Coating Line



双机双红外炉涂覆线体/ Dual-Coating Machine System



JC-200M

锥型雾化阀

Cone type atomizing valve



应用范围 Application scope

- ◆ 可喷涂各种中低粘度溶液, 包括水性涂料、油性涂料、溶剂型涂料、树脂、油墨、胶粘剂等。适用于汽车、家电、电子产品、家具及其他精密涂装领域。
- ◆ Can spray various low to medium viscosity solutions, including water-based coatings, oil-based coatings, solvent based coatings, resins, inks, adhesives, etc. Suitable for automotive, home appliances,

适应粘度 Viscosity

- ◆ 适用于粘度范围在200-600cps之间的液体涂料, 能够应对不同涂料的粘度需求。
- ◆ Suitable for liquid coatings with a viscosity range of 200-600 CPS, capable of meeting the viscosity requirements of different coatings.

JC-200N

精密雾化阀

Precision spray valve



应用范围 Application scope

- 精细雾化阀广泛应用于需要高精度喷涂的行业, 特别适用于喷涂高细度涂层, 常见应用包括:
- ◆ 高端电子产品涂装
 - ◆ 汽车精密零部件涂装
 - ◆ 医疗器械、光学仪器、精密工具的表面涂层

Fine atomization valves are widely used in industries that require high-precision spraying, especially suitable for spraying high-precision coatings. Common applications include:

- ◆ High end electronic product coating
- ◆ Automotive precision parts coating
- ◆ Surface coatings for medical devices, optical instruments, and precision tools

适应粘度 Viscosity

- ◆ 适用于粘度范围从50cps至800cps的液体涂料, 能够兼容水性涂料、油性涂料、溶剂型涂料、油墨、树脂等, 精确调节适应不同粘度的喷涂需求。
- ◆ Suitable for liquid coatings with a viscosity range of 50cps to 800cps, compatible with water-based coatings, oil-based coatings, solvent based coatings, inks, resins, etc., precisely adjusted to meet the spraying needs of different viscosities.

JC-200B

扇形喷雾阀

Sector spray valve



应用范围 Application scope

- ◆ 均匀喷涂: 提供均匀的扇形喷雾, 确保大面积涂层覆盖平滑一致。
- ◆ 可调喷涂角度: 喷涂角度可调, 灵活适应不同工艺要求。
- ◆ 高效节能: 减少涂料浪费, 提升涂料利用率。
- ◆ 耐用性强: 采用耐磨材料, 适合长时间高频次使用。
- ◆ Uniform spraying: provide uniform fan-shaped spray to ensure smooth and consistent coating coverage in large areas
- ◆ Adjustable spraying angle: The spraying angle can be adjusted to flexibly adapt to different process requirements
- ◆ Efficient and energy-saving: reduce paint waste and improve paint utilization rate.

适应粘度 Viscosity

- ◆ 适用于粘度范围200-800cps的液体涂料, 如水性涂料、油性涂料和溶剂型涂料。
- ◆ Suitable for liquid coatings with a viscosity range of 200-800 CPS, such as water-based coatings, oil-based coatings, and solvent based coatings.

JC-200W

三模式涂覆阀

Three mode coating valve



应用范围 Application scope

- ◆ 广泛应用于汽车、家电、家具、电子产品、包装和建筑等行业, 适用于精密涂层、大面积喷涂或高效率涂覆。
- ◆ Widely used in industries such as automotive, home appliances, furniture, electronic products, packaging, and construction, suitable for precision coating, large-area spraying, or high-efficiency coating.

适应粘度 Viscosity

- ◆ 适用于200-800cps范围内的液体涂料, 如水性涂料、油性涂料、溶剂型涂料和油墨等。
- ◆ Suitable for liquid coatings in the range of 200-800 CPS, such as water-based coatings, oil-based coatings, solvent based coatings, and inks.

JC-200S

压电阀

Piezoelectric valve JC-200S



特性优点 Characteristic advantages

- ◆ 高精度喷涂: 通过压电效应精确控制喷雾量, 确保喷涂精准。
- ◆ 快速响应: 能够在微秒级响应控制信号, 适合高速和高精度喷涂需求。
- ◆ 微量喷涂: 能够精确喷洒少量涂料, 适用于精细涂装和小批量生产。
- ◆ 低能耗: 相比传统喷涂技术, 压电阀能耗更低, 适合高效能生产。
- ◆ High precision spraying: Precise control of spray amount through piezoelectric effect to ensure accurate spraying.
- ◆ Fast response: able to respond to control signals at the microsecond level, suitable for high-speed and high-precision spraying requirements.
- ◆ Micro spraying: capable of accurately spraying a small amount of paint, suitable for fine coating and small batch production.
- ◆ Low energy consumption: Compared to traditional spraying techniques, piezoelectric valves have lower energy consumption and are suitable for efficient production.

应用范围 Application scope

- ◆ 广泛应用于电子元器件、半导体、光学元件、医疗器械等领域, 尤其适用于微量涂料喷涂、点胶以及精密涂层技术。
- ◆ Widely used in electronic components, semiconductors, optical components, medical devices and other fields, especially suitable for micro coating spraying, dispensing and precision coating technology.

适应粘度 Viscosity

- ◆ 适用于粘度范围较广的液体涂料, 尤其适合低粘度涂料 (0-200000cps) 以及高精度的点涂和微量喷涂。
- ◆ Suitable for liquid coatings with a wide viscosity range, especially for low viscosity coatings (0-200000 CPS) and high-precision spot coating and micro spraying.

JC-200L

撞针式点胶阀

Plunger-Type Dispensing Valve



特性优点 Characteristic advantages

- ◆ 适合中高粘度流体的点胶, 灌注的胶阀, 独特的不锈钢平衡轴的设计, 确保了在高压状态下点胶的稳定性。该阀具备回吸调节功能, 可以有效调节胶头断胶的效果, 针头断胶迅速和干净, 保证胶条的一致性。
- ◆ Suitable for dispensing and filling medium to high viscosity fluids, this adhesive valve features a unique stainless steel balanced shaft design that ensures stable performance under high-pressure conditions. Equipped with a retraction adjustment function, it effectively controls the adhesive cutoff at the nozzle, enabling quick and clean separation of the adhesive stream. This guarantees consistent adhesive bead formation.

应用范围 Application scope

- ◆ UV胶、硅油、白乳胶、、黑胶、RTV白胶、环氧胶、油墨、等
- ◆ 粘度范围/Suitable viscosity: 10-100000cps
- ◆ UV-curable adhesive, silicone oil, white emulsion adhesive, black adhesive, RTV (Room Temperature Vulcanizing) white silicone adhesive, epoxy adhesive, ink, etc.
- ◆ Suitable viscosity: 10-100000cps



机器特点 Features of Machine



炉膛内使用 全面保护的密闭式设计,有效保证氮气不易流失,使氮气含量最低可至150ppm。氮耗量低,在300-800ppm的氧浓度环境下只在18³/H。

The furnace chamber uses a fully protected sealed design, effectively ensuring that nitrogen does not easily escape, with the nitrogen content reaching as low as 150ppm. The nitrogen consumption is low, with only 18³/H under an oxygen concentration range of 300-800ppm.



模块式结构,便于清洗维护,前后回风设计,有效防止温区之间气流影响,保证温度精确,长寿命高性能热风马达,变频器控制,热风马达风速可调

Modular structure for easy cleaning and maintenance, with front and rear airflow design to effectively prevent airflow interference between temperature zones, ensuring precise temperature control. Long-life, high-performance hot air motor with inverter control, allowing adjustable airflow speed.



特殊调宽及传输结构设计,保证PCBA传输稳定可靠,导轨使用航天特制硬化处理耐高温耐磨,链条采用防卡板链条

Special width adjustment and transmission structure design ensure stable and reliable PCBA transmission. The guide rails are made of aerospace-grade hardened materials, offering high temperature resistance and wear resistance. The chain uses an anti-jamming plate chain.

N系列回流焊技术参数

N series lead-free reflow oven machine Parameters

系列	Series	N Series		
型号	Model	CY-F820-N	CY-F1020-N	CY-F1220-N
加热部分参数 The heating part parameters				
加热区数量	Number of heating zones	上8/下8 Up 8/Down8	上10/下10 Up10/Down10	上12/下12 Up12/Down12
冷却区数量	Number of cooling zones	上Top2/下Down2标配(Standard) 上Top3/下Down3选配(Optional)		
加热区长度	Heating zone length	2790mm	3900mm	4640
运输部分参数 Transportation part parameters				
PCB最大宽度	PCB maximum width	导轨式/ Rail type 50-450mm		
运输方向	Transport direction	标配/Standard L→R 选配/Optional (R→L)		
运输导轨固定方式	Guide rail fixed way	前端/Front (选配/Optional: 后端/Backend)		
运输带高度	Conveyor belt speed	网带/ Mesh belt 875± 20mm, 链条/Chain 900± 20mm		
传送方式	Transmission way	不锈钢链传动+网传动/ Stainless steel chain drive + mesh drive		
运输带速度	Conveyor belt speed	300-2000mm/Min		
控制部分参数 Control part of the parameter				
电源	The power supply	5线3相380V50/60Hz/ 5-wire 3-phase 380V50/60Hz		
启动功率	Starting power	38Kw	58Kw	76Kw
正常工作消耗功率	Normal work consumed power	Approx.7.5Kw	Approx.8.5Kw	Approx.10.5Kw
升温时间	Heating up time	约15-20分钟/About15-20 mins		
温度控制范围	The temperature control range	室温-300℃/Room Temper ature-300℃		
温度控制方式	Temperature control mode	全电脑PID闭环控制, SSR驱动/ Fully computerizedPID closed-loop control, SSR driver		
整机控制方式	The whole machine control mode	电脑+ PLC/Computer + PLC		
静态温度控制精度	The temperature control precision	± 1℃		
PCB板温度分布偏差	The deviation of PCB temperature distribution	± 1-2℃		
冷却方式	Cooling way	氮气机: 水冷/Nitrogen generator: water-cooled		
异常报警	Abnormal alarm	温度异常 (恒温后超高或超低) / Abnormal temperature (ultra-high or ultra-low after constant temperature)		
三色灯指示	Three color light	三色信号灯: 黄—升温; 绿—恒温; 红—异常/ Tri color signal light: yellow - heating up; Green - constant temperature; Red - Abnormal		
机体参数 The body parameter				
重量	Weight	Approx.1700Kg	Approx.1900Kg	Approx.2200Kg
外型尺寸 (mm)	Installation dimensions (mm)	L5050×W1400×H1450	L5750×W1400×H1450	L6500×W1400×H1450
排风量要求	Exhaust air requirements	10立方/min 2通道φ 200MM/10 cubic meters per minute, 2 channels with a diameter of 200MM		
氮气部分 (选项) Nitrogen part (option)				
氮气保护装置	Nitrogen protection device	氮气流量20-30立方/小时 氧气浓度500-800PPM/ Nitrogen flow rate of 20-30 cubic meters per hour, oxygen concentration of 500-800PPM		
外置水冷却系统	The external water cooling system	功率3P 制冷速度≥ 6℃/sec / Power 3P, cooling speed ≥ 6℃/sec		

参数若有改变, 恕不另行通知! Parameters are subject to change without prior notice.

无铅热风回流焊锡机

F Series Lead Free Hot Air Reflow Oven



机器特点 Features of Machine



西门子PLC+温控模块, 稳定性可靠, 重复精度高; 主要控制和关键部件都是国内外知名品牌, 经久耐用。

The Siemens PLC combined with the temperature control module boasts remarkable stability and reliability, along with high repeatability precision. The primary control elements and key components are sourced from renowned domestic and international brands, ensuring enduring durability and performance.



采用抽拉式发热丝结构, 可快速更换发热丝, 方便维修。

The incorporation of a pull-out heating element structure facilitates rapid replacement of the heating wire, thereby simplifying maintenance procedures.



模块化结构, 便于清洗维护, 前后回风设计, 有效防止温区之间气流影响, 保证温度精确, 长寿命高性能热风马达, 变频器控制, 热风马达风速可调

Modular structure for easy cleaning and maintenance, with front and rear airflow design to effectively prevent airflow interference between temperature zones, ensuring precise temperature control. Long-life, high-performance hot air motor with inverter control, allowing adjustable airflow speed.

F系列回流焊技术参数

N series lead-free reflow oven machine Parameters

系列	Series	F series Single rail		
型号	Model	CY-F820	CY-F1020	CY-F1220
加热部分参数 The heating part parameters				
加热区数量	Number of heating zones	上Up 8/下Down 8	上Up 10/下 Down 10	上Up 12/下 Down 12
冷却区数量	Number of cooling zones	上Top2/ 下Down 2标配/Standard 上Top3/ 下Down 3选配/Optional		
加热区长度	Heating zone length	2900 mm	3600 mm	4400mm
运输部分参数 Transportation part parameters				
PCB最大宽度	PCB maximum width	导轨式/ Rail type 50-450mm 网带式/ Mesh belt type 550mm		
运输方向	Transport direction	标配/Standard L→R 选配/Optional (R→L)		
运输导轨固定方式	Guide rail fixed way	前端/Front （选配/Optional： 后端固定/Backend ）		
运输带高度	Conveyor belt speed	网带/ Mesh belt 875±20mm， 链条/Chain900±20mm		
传送方式	Transmission way	链传动+网传动/ Chain drive + mesh drive		
运输带速度	Conveyor belt speed	300-2000mm/Min		
控制部分参数 Control part of the parameter				
电源	The power supply	5线3相380V 50/60Hz / 5-wire 3-phase 380V 50/60Hz		
启动功率	Starting power	35Kw	48Kw	68Kw
正常工作消耗功率	Normal work consumed power	Approx.7.5Kw	Approx.8.5Kw	Approx.10Kw
升温时间	Heating up time	约15-20分钟/ About 15-20 Mins		
温度控制范围	The temperature control range	室温 -300℃Room Temperature -300℃		
温度控制方式	Temperature control mode	全电脑PID闭环控制， SSR驱动/ Fully computerized PID closed-loop control, SSR driver		
整机控制方式	The whole machine control mode	电脑+PLC/ Computer+ PLC		
温度控制精度	The temperature control precision	±1℃		
PCB板温度分布偏差	The deviation of PCB temperature distribution	±1-2℃		
冷却方式	Cooling way	空气机： 风冷/ Air machine: air-cooled		
异常报警	Abnormal alarm	温度异常（恒温后超高或超低） / Abnormal temperature (ultra-high or ultra-low after constant temperature)		
三色灯指示	Three color light	三色信号灯： 黄—升温； 绿—恒温； 红—异常/ Tri color signal light: yellow - heating up; Green - constant temperature; Red - Abnormal		
机体参数 The body parameter				
重量	Weight	Approx.1700Kg	Approx.1900Kg	Approx.1900Kg
外型尺寸（mm）	Installation dimensions（mm）	5050×1400×1450	5750×1400×H450	6480×1400×H450
排风量要求	Exhaust air requirements	10立方/min 2通道\$200MM/10 cubic meters per minute, 2 channels with a diameter of200MM		

参数若有改变, 恕不另行通知! Parameters are subject to change without prior notice.

无铅热风双轨回流焊锡机

F Series Lead Free Hot Air Dual Rails Reflow Oven



机器特点 Features of Machine



双轨道结构有效提高生产效率，节约能耗及生产成本。
The dual-track structure effectively enhances production efficiency, conserves energy consumption, and reduces production costs.



导轨采用特殊硬化处理，坚固耐用。轨道固定方法采用多段吊杆装置，稳固不变形。
The guide rails undergo a special hardening process, rendering them robust and durable. The method of securing the tracks employs a multi-segment hanger device, ensuring stability and resistance to deformation.



西门子PLC+温控模块，稳定性可靠，重复精度高；主要控制和关键部件都是国内外知名品牌，经久耐用。
The Siemens PLC combined with the temperature control module boasts remarkable stability and reliability, along with high repeatability precision. The primary control elements and key components are sourced from renowned domestic and international brands, ensuring enduring durability and performance.

F系列回流焊技术参数

N series lead-free reflow oven machine Parameters

系列	Series	F series Single rail		
型号	Model	CY-F820-S双轨/Dual rails	CY-F1020-S双轨/Dual rails	CY-F1220-S双轨/Dual rails
加热部分参数 The heating part parameters				
加热区数量	Number of heating zones	上Up 8/下Down 8	上Up 10/下 Down 10	上Up 12/下 Down 12
冷却区数量	Number of cooling zones	上Top2/ 下Down 2标配/Standard 上Top3/ 下Down 3选配/Optional		
加热区长度	Heating zone length	2790 mm	3107 mm	3800mm
运输部分参数 Transportation part parameters				
PCB最大宽度	PCB maximum width	双导轨式/ Double rail type 50-260mm 网带式/ Mesh belt type 700mm		
运输方向	Transport direction	标配/Standard L→R 选配/Optional (R→L)		
运输导轨固定方式	Guide rail fixed way	前端/Front (选配/Optional: Backend)		
运输带高度	Conveyor belt speed	网带/ Mesh belt 875±20mm, 链条/Chain900±20mm		
传送方式	Transmission way	链传动+网传动/ Chain drive + mesh drive		
运输带速度	Conveyor belt speed	300-2000mm/Min		
控制部分参数 Control part of the parameter				
电源	The power supply	5线3相380V 50/60Hz / 5-wire 3-phase 380V 50/60Hz		
启动功率	Starting power	55Kw	68Kw	85Kw
正常工作消耗功率	Normal work consumed power	Approx.95Kw	Approx.10Kw	Approx.11Kw
升温时间	Heating up time	约15-20分钟/ About 15-20 Mins		
温度控制范围	The temperature control range	室温-300℃Room Temperature -300℃		
温度控制方式	Temperature control mode	全电脑PID闭环控制，SSR驱动/ Fully computerized PID closed-loop control, SSR driver		
整机控制方式	The whole machine control mode	电脑+PLC/ Computer+ PLC		
温度控制精度	The temperature control precision	±1℃		
PCB板温度分布偏差	The deviation of PCB temperature distribution	±2℃		
冷却方式	Cooling way	空气机：风冷（标配）， 氮气机：水冷（选配） Air compressor: air-cooled (standard), nitrogen compressor: water-cooled (optional)		
异常报警	Abnormal alarm	温度异常（恒温后超高或超低）/ Abnormal temperature (ultra-high or ultra-low after constant temperature)		
三色灯指示	Three color light	三色信号灯：黄—升温；绿—恒温；红—异常/ Tri color signal light: yellow - heating up; Green - constant temperature; Red - Abnormal		
机体参数 The body parameter				
重量	Weight	Approx.2000Kg	Approx.2300Kg	Approx.2600Kg
外型尺寸（mm）	Installation dimensions（mm）	5050×1650×1450	5750×1650×1450	6408×1650×1450
排风量要求	Exhaust air requirements	20立方/min 2通道φ200MM/20 cubic meters per minute, 2 channels with a diameter of 200MM		

参数若有改变，恕不另行通知！Parameters are subject to change without prior notice.

CY-350T

无铅波峰焊机

Lead-free Wave Soldering System CY-350T



焊接系统Welding System:



- ◆ 4mm SUS316L进口不锈钢炉胆，新型炉胆设计，外形美观，清理方便，铸铁发热板，炉胆不变形

◆ 扰动波峰，导向喷射，SMD元件的焊接最佳，波峰平稳如镜面

◆ 波峰宽度可调，最大限度的减少锡氧化量，过滤网不拆卸喷嘴可抽出

◆ 叶轮轴位置增加抗氧化罩，减少叶轮轴转动产生的锡氧化量

◆ 叶轮轴及波峰马达部位在不拆卸锡道前提下可单独拆卸(其他品牌波峰焊不能做到此项设计)

◆ 4mm SUS316L imported stainless steel furnace liner, new furnace liner design, aesthetically pleasing, easy to clean, cast iron heating plate, furnace liner does not deform

◆ Disturbed wave peak, guided spraying, ideal for SMD component soldering, wave peak as smooth as a mirror

◆ Adjustable wave peak width, minimizing solder oxidation, filter net can be pulled out without disassembling the nozzle

◆ The impeller shaft is equipped with an anti-oxidation cover to reduce solder oxidation caused by the impeller shaft rotation

◆ The impeller shaft and wave peak motor can be separately disassembled without removing the soldering path (other brands of wave soldering machines cannot achieve this design)

运输系统Transport System:

- ◆ 纯铝材自动入板接驳装置，入板顺畅稳定，可调性大

◆ 导轨自带倾斜角度装置，可准确监控倾斜角度，控制过板质量

◆ 钛合金爪勾保证永不沾锡，3段固定式导轨保证导轨永不喇叭口，有效防止导轨掉板、卡板现象发生

◆ 4mm铜压条使得运输过程中的顺畅和平稳。(其他品牌大多数采用不锈钢材质压条，无法长时间的保证运输的平稳)

◆ 简化的操作系统方便员工操作，PC+PLC的控制系统使控温精度更精准，更稳定

◆ 电器材料均采用国内外知名品牌，原装西门子PLC 确保系统更安全稳定

◆ 温控采用自整定PID控制算法，无需人工设置PID参数，控制精度高

◆ Pure aluminum automatic board feeding interface, smooth and stable board insertion, with high adjustability

◆ The guide rails are equipped with an angle adjustment device to accurately monitor the tilt angle and control the quality of board passing

◆ Titanium alloy claws ensure no solder adhesion, 3-stage fixed guide rails prevent the guide rails from flaring, effectively preventing board falling or jamming

◆ 4mm copper pressure strips ensure smooth and stable transport process. (Most other brands use stainless steel pressure strips, which cannot guarantee long-term transport stability)

◆ Simplified operating system for easy employee operation, PC+PLC control system ensures more precise and stable temperature control

◆ All electrical materials are from well-known domestic and international brands, with original Siemens PLC to ensure system safety and stability

◆ Temperature control uses self-tuning PID control algorithm, no need for manual PID parameter setting, high control accuracy



技术参数

Machine Parameters

型号	Model	CY-350T/350N		CY-450T/450N
喷雾系统参数 The heating part parameters				
喷头移动方式	Spray head movement method	步进马达/ Stepper Motor		
助焊剂容量	Flux storage tank	6升/6 LITRES		
喷雾气压	Spray pressure	3-5BAR		
预热方式	Preheating Mode	热风预热/ Hot Air Preheating		
预热区数量	Preheating Zone Number	4段/4-Stage Preheating		
预热区长度	Preheating Lenghth	1800mm		
预热升温时间	Warm-up Time	Approx.15min		
运输部分参数 Transportation part parameters				
PCB最大宽度	PCB maximum width	350mm	450mm	
导轨调宽范围	Guide the wide range	50-350mm	50-450mm	
运输速度	Conveyor Speed	0-2000mm/min		
运输高度	Conveyor Height	750±20mm		
运输方向	Transport direction	L→R (R→L)		
焊接角度	Soldering angle	4-7°		
锡炉部分参数 Transportation part parameters				
锡炉加热	Soldertemperature	9KW(室温-300℃)		
锡炉容量	Soldercapacity	400Kg	500Kg	
控制部分参数 Control part of the parameter				
控制方式	Control method	品牌电脑（Windows操作系统）+ 西门子PLC		
		Branded Computer (Windows Operating System) + Siemens PLC		
运输马达	Transport motor	3φ AC380V 90W，		
波峰马达	Wave motor	3φ AC220V 360W*2pcs，		
洗爪泵	Finger cleaning pump	1P AC220V 10W		
爪	Fingers	特制钛合金双沟爪/ Custom Titanium Alloy Double-Groove Claw		
冷却	Cooling system	强制风冷/ Forced Air Cooling		
电源	The power supply	5线3相380V 50/60Hz		
		5-Wire, 3-Phase 380V, 50/60Hz		
启动功率	Starting power	38Kw		
正常工作功率	Normal operating power	Approx10Kw		
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		
异常报警	Abnormal alarm	温度异常（恒温后超高或超低）		
		Temperature Abnormality (Excessively High or Low After Stabilization)		
三色灯指示	Three-color warning light	三色信号灯：黄-升温；绿-恒温；红-异常		
		Three-Color Signal Light: Yellow - Heating; Green - Temperature Stabilized; Red - Abnormal		
机体参数 The body parameter				
重量	Weight	Approx.1800Kg	Approx.2000Kg	
外型尺寸（mm）	Installation dimension	L4300×W1530×H1700	L4300×W1630×H1700	
排风量要求	Exhaust air requirements	10立方/min 2通道 Ø 200mm		
		10 Cubic Meters per Minute, 2 Channels, Ø200mm		
氮气部分（选项）Nitrogen pare(option)				
氮气气源含氧量	Oxygen content in nitrogen gas source	≤10PPM		
氮气源压力	Nitrogen source pressure	0.5-0.8Mpa		
氮气流量计个数	Number of nitrogen flow meters	1		

参数若有改变，恕不另行通知！Parameters are subject to change without prior notice.

CY-300S

无铅波峰焊机

Lead-free Wave Soldering System CY-350S



机器特点Features of Machine

- ◆ 前门上掀式设计,后门推拉式;采用喷塑工艺不掉漆,美观大方,经久耐用。

◆ 两段独立1200MM预热区,热风预热,使PCB获得良好的焊接效果。

◆ 专利钛合金链爪(加厚型“双钩”型),不粘锡,不易变形,寿命长。

◆ 配有冷却模块,温度补偿模块,适合无铅焊接和多种工艺要求

◆ 传动机构采用精密模块化设计,传动准确,寿命长,易保养。

◆ 松香喷雾装置可拉出,并可拆卸,便于清洁维护。

◆ 采用触摸屏+PLC控制系统,确保系统具有可靠性和稳定性。

◆ 加热温度采用PID闭环控制,温控稳定可靠。
- ◆ Front door with upward opening design, rear door with sliding design; uses spray coating technology that won't peel off, aesthetically pleasing and durable.

◆ Two independent 1200MM preheating zones, hot air preheating to ensure good soldering results for PCBs.

◆ Patented titanium alloy chain claws (thickened "double-hook" type), non-soldering, resistant to deformation, long service life.

◆ Equipped with cooling module and temperature compensation module, suitable for lead-free soldering and various process requirements.

◆ The transmission mechanism adopts a precise modular design, ensuring accurate transmission, long lifespan, and easy maintenance.

◆ The flux spray device is detachable and can be pulled out for easy cleaning and maintenance.

◆ The system uses a touchscreen + PLC control system to ensure reliability and stability.

◆ Heating temperature is controlled by PID closed-loop control, ensuring stable and reliable temperature regulation.

技术参数

Machine Parameters

项目	Model	CY- 300S
控制方式	Control method	触摸屏+ PLC
		Touch screen +PLC
运输马达	Transport motor	1P AC220V 60W ,
运输速度	Conveyorspeed	300-1500mm/min
基板宽度	Pcb size	50-300mm(w)
运输高度	Transportation height	750±20mm
预热区	Preheating Zone	功率：9KW 长度：（1200mm 两段热风控制）
		Power: 9KW
		Length: 1200mm (Two-Stage Hot Air Control)
锡炉加热	Solder temperature	9KW铸铁发热板(室温-300℃)
		Room temperature -300℃)
锡炉容量	Solder capacity	300Kg
波峰高度	Wave height	平波0-10mm
		Flat Wave 0-10mm
波峰马达	Wave motor	3P AC 220V 0.37KW*2pcs
洗爪泵	Claw washing pump	1P AC220V 6W
冷却	Cooling system	强制风冷 /Forced-air cooling
PCB运输方向	PCB transportation direction	从左到右/ From Left to Right
喷头移动方式	Spray head movement method	步进马达/ Stepper Motor
助焊剂容量	Flux capacity	6 LITRES
喷雾气压	Spray pressure	3-5BAR
焊接角度	Soldering angle	4-6℃
电源	Power supply	3P AC380V 50Hz
启动功率/正常运行功率	Starting power/normal operating power	21KW/5.5KW
净重	Net Weight	1100KG
冷却系统	Cooling system	强制冷却 / Forced-air cooling
机身尺寸	Dimension	2800 (L) x1200 (W) x1700mm (H)
外型尺寸	Appearance	3550 (L) x1200 (W) x1700mm (H)
排风量要求	Exhaust air volume requirements	10立方/分钟 2通道Φ200mm
		10 Cubic Meters per Minute, 2 Channels, Ø200mm

参数若有改变，恕不另行通知！Parameters are subject to change without prior notice.

UV-2000

UV固化炉

UV Curing Oven



机器特点 Features of Machine

- ◆ UV汞灯:5KW*2支.弧长500mm
 - ◆ UV汞灯灯选择灵活,每一支灯均有独立的控制系统.
 - ◆ UV汞灯的主波峰为365nm,
 - ◆ UV汞灯的平均寿命约800小时,建议平均寿命期到后更换新灯管.(灯管属于易损件)
 - ◆ 有效照射宽度为420mm,
 - ◆ 风机延时,当UV灯关闭后风机会继续冷却UV灯,提高UV灯使用寿命。
- ◆ UV mercury lamp:5KW * 2 pieces Arc length 500mm
 - ◆ The selection of UV mercury lamps is flexible, and each lamp has an independent control system
 - ◆ The main peak of the UV mercury lamp is 365nm
 - ◆ The average lifespan of UV mercury lamps is about 800 hours. It is recommended to replace the lamp tube with a new one after the average lifespan has expired (Lamp tubes are vulnerable parts)
 - ◆ The effective irradiation width is 420mm,
 - ◆ Fan delay, when the UV lamp is turned off, the fan will continue to cool the UV lamp and improve its service life.

型号	Model	UV-2000
设备外观尺寸	External dimensions	L1800*H970*W1920(mm)
控制系统	Control system	触摸屏控制/ Touch screen
输送方式	Transmission	轨道+不锈钢链条/ Track + stainless steel chain
PCB板元件件高度	PCB components height	上面/Up 100mm. 下面/Down 100mm， 配可调挡光板/ Equipped with adjustable light blocking plate
UV灯箱	UV light box	铝合金灯箱,安装隔热石英玻璃，灯箱照射面距离输送面100~150mm 手动可调，位置显示器显示高度。 Aluminum alloy lightbox, installed with insulated quartz glass, with the illuminated surface of the lightbox 100-150mm away from the conveying surface. Manually adjustable, position display shows height.
工作高度	Working height	900±20mm
PCB调宽范围	PCB width	100-450mm手动可调/Manually adjustable
运输方向	Transportation direction	L-R从左到右
输送速度	Conveyor speed	0.5~3m/min可调/ Adjustable
UV灯功率	UV lamp power	5KW*2(总长630，弧长500，UV波长365nm/ Total length 630, arc length 500, UV wavelength 365nm) 带两档变光/ Equipped with two levels of dimming: 75%, 100%
光强范围	Light intensity range	100~220mw/cm²
传动方式	Transmission mode	调速电机+长销链条/ Adjustable speed motor + long pin chain
UV能量范围	UV energy range	线速在1.5m/min时，能量可达1500MJ/cm²， / At a line speed of 1.5m/min, the energy can reach 1500MJ/cm²
电源	Power supply	三相五线/ Three phase five wire，AC380V，50HZ。
总功率	Total power	约/About13.5KW

参数若有改变，恕不另行通知！Parameters are subject to change without prior notice.

CY-2000

红外线固化炉

IR Curing Oven



机器特点 Features of Machine

- ◆ 全钣金结构框架,表面静电喷粉;
 - ◆ 温度模块自整定,冷端自动补偿; 上炉采用气动丝杆顶升,带自锁功能,安全可靠,方便快捷;
 - ◆ 上层采用发热管加热模式,温区独立控制,内胆采用不锈钢双层内部填充加厚保温棉,保证极小的热量散失,节省电能;控制部分电气全部采用国内外知名品牌,信号线做屏蔽处理,确保安全生产及减少维修故障
- ◆ Full sheet metal structure frame, surface electrostatic powder coating;
 - ◆ Temperature module self-tuning, automatic compensation for cold end; The upper furnace adopts pneumatic screw lifting with self-locking function, which is safe, reliable, convenient and fast;
 - ◆ The upper layer adopts a heating tube heating mode, with independent temperature control. The inner liner is made of double layered stainless steel and filled with thick insulation cotton to ensure minimal heat loss and save electricity; All electrical components in the control section are sourced from well-known domestic and international brands, with signal lines shielded to ensure safe production and reduce maintenance failures

型号	型号/Model	CY-2000	CY-3000	CY-4000
外形尺寸	External dimensions (L×W×H)	2000x1160x1340mm	3000x1160x1340mm	4000x1160x1340mm
控制系统	Control system	PLC+触摸屏/ PLC + touch screen		
加热方式	Heating method	红外加热/ Infrared heating		
工作高度	Working height	900±20mm		
输送方式	Transmission	轨道+链条/ Track +Chain		
PCB板元件过板高度	PCB component height	±100mm		
轨道调宽	Track widening	手动/Manual		
调宽范围	Widening range	50-450mm		
输送速度	Transmission speed	1-3m/min		
运输方向	Transportation direction	左-右（标配）/L-R(Standard)		
温区数量	Number of temperature zones	3	4	5
升温时间	Heating up time	10min		
温度范围	Temperature range	室温-150℃/ Room temperature -150 ℃		
温控精度	Temp Accuracy	±5℃		
电源电压	Power supply	三相380V,8A/ Three phase 380V, 8A		
总功率/	Total power	12KW	15KW	18KW

参数若有改变，恕不另行通知！Parameters are subject to change without prior notice.

JBT-450 接驳台 Conveyor

机器特点 Features of Machine

- ◆ 全钣金结构框架，表面静电喷粉；
 - ◆ 加重的设计提高了稳定性；
 - ◆ 可选通过／检测工作模式；
 - ◆ 顺滑及平行的宽度调节（不锈钢丝杆）；
 - ◆ 可变的速度控制；
 - ◆ 兼容的SMEMA接口
- ◆ Full sheet metal structural framework, surface electrostatic powder coating
 - ◆ The heavier design improves stability
 - ◆ Optional pass/detect working mode
 - ◆ Smooth and parallel width adjustment (stainless steel screw)
 - ◆ Variable speed control
 - ◆ Compatible SMEMA interface



型号	Model	JBT-450
外形尺寸	External dimensions	L800*W800*H900mm
PCB过板尺寸	PCB size	50*450mm
传输高度	Transmission height	900±20mm
PCB过板净空高度	PCB board clearance height	上/up 100mm.下/down 100mm
传送方向	Transport Direction	R 左→右（标配）L-R(Standard)
轨道长度	Track length	800MM，导轨上需可停放1片板，传送链条速度可调/ One board can be parked on the guide rail, and the speed of the conveyor chain can be adjusted
传输马达	Transmission motor	步进马达/ Step motor
输送速度	Conveyor speed	0-3米/分钟/0-3 meters per minute
控制方式	Control mode	控制卡控制/ Control card control
输送类型	Transport type	35B带长销不锈钢链条/35B stainless steel chain with long pin
标准信号	standard signal	采用标准SMEMA接口，可直接与其它设备连线使用。/ Using standard SMEMA interface, it can be directly connected to other devices for use.
使用电源	Power supply	AC220V/50-60HZ(独立电箱控制)。/(Independent electrical box control).

JCT-450 检查接驳台 Inspection conveyor

机器特点 Features of Machine

- ◆ 全钣金结构框架，表面静电喷粉；
 - ◆ 加重的设计提高了稳定性；
 - ◆ 可选通过／检测工作模式；
 - ◆ 顺滑及平行的宽度调节（不锈钢丝杆）；
 - ◆ 观察窗口采用透明亚克力板制作；
 - ◆ LED紫外灯管亮度更强，能耗更低。
- ◆ Full sheet metal structural framework, surface electrostatic powder coating
 - ◆ The heavier design improves stability
 - ◆ Optional pass/detect working mode;
 - ◆ Smooth and parallel width adjustment (stainless steel screw)
 - ◆ The observation window is made of transparent Yagli board
 - ◆ LED ultraviolet lamps have stronger brightness and lower energy consumption



型号	Model	JCT-450
外形尺寸	External dimensions	L800*W800*H900mm
PCB过板尺寸	PCB board size	50*450mm可调/Adjustable
传输高度	Working height	900±20mm
PCB过板净空高度	PCB board clearance height	上/Up 100mm.下/Down 100mm
传送方向	Transport Direction	R 左→右（标配）£ 右→左/left → right (standard) right → left
轨道长度	Track length	800MM，导轨上需可停放1片板，传送链条速度可调/ One board can be parked on the guide rail, and the speed of the conveyor chain can be adjusted
传输马达	Transmission motor	步进马达/ Step motor
输送速度	Conveyor speed	0-3米/分钟/0-3 meters per minute
控制方式	Control mode	控制卡控制/ Control card control
输送类型	Transport type	35B带长销不锈钢链条/35B stainless steel chain with long pin
紫光	UV Lamp	LED三防荧光目检，能够直观观测喷涂效果/LED fluorescent visual inspection, which can intuitively observe the spraying effect
标准信号	Standard signal	采用标准SMEMA接口，可直接与其它设备连线使用。/ Using standard SMEMA interface, it can be directly connected to other devices for use.
使用电源	Power supply	AC220V/50-60HZ(独立电箱控制)。/(Independent electrical box control).



SSJ-450 升降机 Auto Lifter

机器特点 Features of Machine

- ◆ 采用高档铝型材封镀锌板设计制作，结实、耐用；
 - ◆ 加重的设计提高了稳定性；
 - ◆ PLC控制，功能可靠稳定；
 - ◆ 顺滑及平行的宽度调节；
 - ◆ 可变的速度控制；
 - ◆ 兼容的SMEMA接口。
- ◆ Designed and manufactured using high-end aluminum profiles to seal galvanized sheets, sturdy and durable;
 - ◆ The heavier design improves stability
 - ◆ PLC control, reliable and stable function;
 - ◆ Smooth and parallel width adjustment
 - ◆ Variable speed control;
 - ◆ Compatible SMEMA interface.

型号	Model	SSJ-450
外形尺寸	External dimensions	L600*W1105*H1000mm
过板尺寸	Board size	50*450mm可调/Adjustable
传输方向	Transmission Direction	R 左→右（标配）/ Left to Right (Standard)
传输高度	Transmission height	上/Up 900±20mm， Down 400±20mm
控制方式	Control mode	PLC+触摸屏/ PLC + touch screen
调宽方式	Width adjustment	自动调宽/ Automatic width adjustment
升降方式	Lifting method	电动升降/ Electric lift
提升行程	lift stroke	500mm
使用电源	Power supply	AC220V/50-60HZ(独立电箱控制)。/(Independent electrical box control)
标准信号	Standard signal	采用标准SMEMA接口，可直接与其它设备连线使用。/ Using standard SMEMA interface, it can be directly connected to other devices for use.
工作气压	Working pressure	≥0.4MP



FBJ-450 自动翻板机 Automatic turnover machine

机器特点 Features of Machine

- ◆ 采用高档铝型材封镀锌板设计制作，结实、耐用；
 - ◆ 钣金采用静电喷粉工艺完成，美观、清理方便；
 - ◆ 加重的设计提高了稳定性；
 - ◆ PLC控制，功能可靠稳定；
 - ◆ 顺滑及平行的宽度调节（不锈钢丝杆），
 - ◆ 可变的速度控制；
 - ◆ 兼容的SMEMA接口。
- ◆ Designed and manufactured with high-end aluminum profiles and galvanized sheets, it is sturdy and durable
 - ◆ Sheet metal is completed using electrostatic powder coating technology, which is beautiful and easy to clean
 - ◆ The enhanced design improves stability;
 - ◆ PLC control, reliable and stable function
 - ◆ Smooth and parallel width adjustment (stainless steel screw)
 - ◆ Variable speed control
 - ◆ Compatible SMEMA interface.

型号	Model	FBJ-450
外形尺寸	External dimensions	L600*W1105*H1000mm
过板尺寸	Board size	50*450mm可调/Adjstable
传输方向	Transmission Direction	R 左→右（标配）/ Left to Right (Standard)
传输高度	Transmission height	上/Up 900±20mm
导轨承重	Bearing capacity of guide rail	10KG
控制方式	Control mode	PLC+触摸屏/ PLC + touch screen
使用电源	Power supply	AC220V/50-60HZ(独立电箱控制)。/ Independent electrical box
标准信号	Standard signal	采用标准SMEMA接口，可直接与其它设备连线使用。/ Using standard interface, it can be directly connected to other devices for use.
工作气压	Working pressure	≥0.5MP



CY-460A 自动上板机 Automatic Loader

机器特点 Features of Machine

- ◆ 单片机控制, 工作稳定可靠;
 - ◆ 超薄按键控制带指示灯, 操作简单;
 - ◆ 多项声光报警功能;
 - ◆ 可使用标准料架, 通用性强;
 - ◆ 可根据PCB厚度设定料架升降步距;
 - ◆ 备有信号通信接口, 可与其他机器在线接驳。
- ◆ Single chip microcontroller control, stable and reliable operation;
 - ◆ Ultra thin button control with indicator light, easy to operate;
 - ◆ Multiple sound and light alarm functions
 - ◆ Can use standard material racks, with strong universality
 - ◆ The lifting step distance of the material rack can be set according to the thickness of the PCB
 - ◆ Equipped with signal communication interfaces, it can be connected to other machines online.

型号	Model	CY-250A	CY-330A	CY-390A	CY-460A
外形尺寸	External dimensions	1360x765x1200mm	1630x845x1200	1830x905x1200	1830x980x1300
PCB板尺寸	PCB board size	50-250mm	50-330	50-390	50-460
PCB运输方向	PCB transportation direction	L-R(左-右)			
料框规格	Magazine size	330x250x563mm	450x330x563mm	550x390x570mm	550x460x570
料架升降步距	Magazine lifting step distance	10,20,30,40mm			
工作高度	Working height	900±20mm			
重量	Weight	200kg	230kg	260kg	280kg
控制方式	Control mode	PLC+触摸屏/ PLC + touch screen			
工作电压	Power supply	AC220V/50-60HZ			
工作气压	Working pressure	≥0.4MP			



CY-460B 自动收板机 Automatic Unloader

机器特点 Features of Machine

- ◆ 单片机控制, 工作稳定可靠;
 - ◆ 超薄按键控制带指示灯, 操作简单;
 - ◆ 多项声光报警功能;
 - ◆ 可使用标准料架, 通用性强;
 - ◆ 可根据PCB厚度设定料架升降步距;
 - ◆ 备有信号通信接口, 可与其他机器在线接驳。
- ◆ Single chip microcontroller control, stable and reliable operation;
 - ◆ Ultra thin button control with indicator light, easy to operate;
 - ◆ Multiple sound and light alarm functions
 - ◆ Can use standard material racks, with strong universality
 - ◆ The lifting step distance of the material rack can be set according to the thickness of the PCB
 - ◆ Equipped with signal communication interfaces, it can be connected to other machines online.

型号	Model	CY-250B	CY-330B	CY-390B	CY-460B
外形尺寸	External dimensions	1680x765x1200mm	1900x845x1200	2160x905x1200	2400x980x1300
PCB板尺寸	PCB board size	50-250mm	50-330	50-390	50-460
PCB运输方向	PCB transportation direction	L-R(左-右)			
料框规格	Magazine size	330x250x563mm	450x330x563mm	550x390x570mm	550x460x570
料架升降步距	Magazine lifting step distance	10,20,30,40mm			
工作高度	Working height	900±20mm			
重量	Weight	200kg	230kg	260kg	280kg
控制方式	Control mode	PLC+触摸屏			
工作电压	Power supply	AC220V/50-60HZ			
工作气压	Working pressure	≥0.4MP			

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