

WINDO

WINDO

天津文洲机械有限公司

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BEIJING WINDOW SCREEN PRINTING MACHINERY CO., LTD

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TIANJIN WINDOW MACHINERY CO., LTD

公司简介

天津文洲机械有限公司（北京文洲丝网印刷机械有限公司）成立于一九九七年。公司专业生产丝网印刷设备及配套生产线，产品广泛用于丝网印刷领域的各个行业，是集开发、设计、生产、销售于一体并有自主进出口权的公司。公司设计力量雄厚，已有多项产品设计荣获国家专利，自1999年即被评为北京市中关村高新技术企业。

坚持创新精神，做行业领导者系企业发展愿景；技术是生命，质量是根本系企业管理宗旨。文洲机械有限公司以市场需求为主导，拥有强大技术研发团队，并逐年加大研发投入，开发出适用于汽车玻璃及建筑玻璃深加工行业、包装行业、广告印刷行业、PCB印刷行业以及太阳能玻璃行业的各类印刷生产线。

凭借严谨与创新的态度，多年的坚持与磨砺，文洲机械有限公司已经成为同行业内的知名品牌，得到了国内外客户的广泛认可。公司设计生产的设备已远销德国、美国、巴西、俄罗斯等世界各个地区和国家，并荣幸地成为圣戈班、旭硝子、皮尔金顿、福耀、信义等世界知名企业的长期合作伙伴。

文洲机械有限公司珍视目前取得的成绩，在未来发展中，我们将以不断开发适用于各印刷行业的高品质先进设备为发展宗旨，一如既往地以优异的产品质量和完善、周到的售后服务回馈国内外新老客户的支持与信任。

*Company introduction

Tianjin Window Machinery Co., Ltd. (Beijing Window screen printing Machinery Co., Ltd), was founded in 1997, which is a professional manufacturer of screen printing machines and matching equipments. The productions of WINDO are widely used in various industries of screen printing field. WINDO is a company integrated in research & development, design, manufacturing and marketing with independent import and export right. We have numerous patents on hold and we are awarded Beijing ZOL high-tech enterprises since 1999.

"Innovation makes WINDO the leader position" is the development vision of our enterprise. We take "Technology is the life while quality is the fundamental" as management tenet. WINDO takes the needs of customers as guiding and owns a strong technology research & development team. By increasing investment year after year, we developed many kinds of printing production line which are appropriate for the glass further processing industry, packaging industry, advertising printing industry, PCB industry, solar energy glass industry and so on.

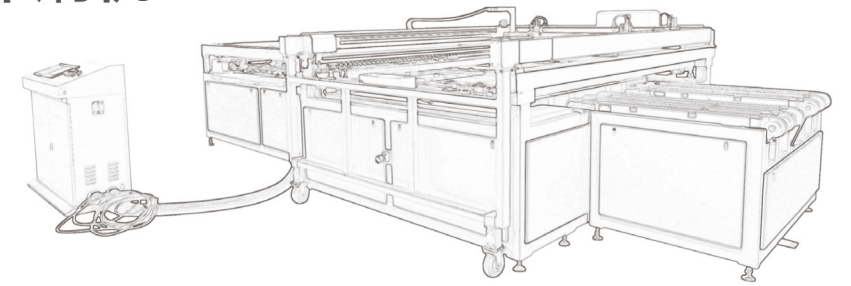
With a rigorous and innovative attitude, after years of insistence, WINDO has become a well-known brand in the screen printing industry, obtaining the reputation both at home and abroad. The equipments designed and manufactured by WINDO have been exported to Germany, USA, Brazil, Russia and various regions and countries all over the world. We are honored to become the long-term partner of Saint-Gobain, AGC, Pilkington, FUYAO, XINYI and some other world-renowned enterprises.

Tianjin Window Machinery Co., Ltd. treasures the present achievements, we will continue to develop high quality advanced equipment, as always with excellent product quality and perfect, thoughtful after-sales service to feedback the support and trust from new and old customers domestic and overseas.



HIGH EFFICIENT AUTOMATIC SCREEN PRINTER

高效全自动丝网印刷机



本机为三段全自动丝网印刷机，由定位段、印刷段及下片段所构成，玻璃在各工位间的输送由精准传输梭完成。本机将普通全自动丝印机须逐次完成的各步动作，分别在三个工段同时完成，大幅提高生产效率。特别适合汽车玻璃等硬质平板材料大批量、高品质的丝印生产。

This equipment is 3-section automatic flat material screen printer. It consists of positioning, printing and unloading section. The transfer of glass among each section is realized by shuttle. The printer completes every step of action at 3 working sections simultaneously, which should be realized step by step by common printer, greatly improving the production capacity. This printer is especially suitable for high quality and large batch printing production of triangular glass of automobile glass.

设备功能及特点

- ◆ 特殊的定位方式对印件的复杂外形有很强的适应性，X、Y方向均采用精准的居中定位方式使定位更适合印刷要求。
- ◆ 玻片定位、传输、网台距调节以及离网均采用伺服控制，实现精准的数字化调整；
- ◆ 网版拖出系统的特殊设计，使网版的安装和清擦变得简便快捷，同时最大程度保证了安全性。
- ◆ 专利复合材料面板，磨擦系数小，防止玻片划伤，并具有优良的耐溶剂性能

Function and characteristics of equipment

- ◆ The special designed positioning method enables the equipment with high adaptability for the complex substrate. The central positioning method is adopted at the X and Y direction of which can better meet the requirements for the printing.
- ◆ The positioning, conveyance, peel-off, and the off contact adjustment are controlled by servo motor, which realizes accurate digital adjustment.
- ◆ The screen frame is specially designed to be able to manually drag out, easing the installation and cleaning of screen, and ensure the safety.
- ◆ Patent composite materials with low coefficient of friction are used for plate so as to avoid the glass being scuffed and also ensure the high ability to resist the erosion of solvent.

| | |
|------------------------------------|------------------------|
| 设备型号 Model | BWSP-1218GHA |
| 最大印刷尺寸 The Max. printing size (mm) | 1200 × 1800 |
| 最小印刷尺寸 The Min. printing size (mm) | 400 × 700 |
| 承印物厚度 substrate thickness (mm) | 1.6-6 |
| 定位精度 Position precision (mm) | ± 0.10 |
| 电 源 Power source | 3N 380V 50Hz 5Kw |
| 产 能 Production capacity | About 300 pieces /hour |

HIGH EFFICIENT AUTOMATIC SCREEN PRINTER

高效全自动丝网印刷机

- ◆ 特殊的定位方式对印件的复杂外形有很强的适应性，比如轿车三角窗、侧窗等异型玻璃。X、Y方向不但可采用精准的居中定位方式，而且X、Y定位轴之一可实现精准的位置控制，满足各种异型玻璃的定位要求。
- ◆ 专利复合材料面板，摩擦系数小，防止玻片划伤，并具有优良的耐溶剂性能。
- ◆ 滑台准确传输采用精密伺服系统结合高精度线性滑轨，配以真空系统进行吸附，最大移动速度可达1.5m/s。

- ◆ The special positioning method and unique loading & unloading conveyance design enable the equipment with high adaptability for the complex substrate such as the triangular glass and sidelight of the automobile. The central positioning method is adopted at the X and Y direction of which can requirements for the printing.
- ◆ The positioning, conveyance, peel-off, and the off contact adjustment are controlled by servo motor, which realize accurate digital adjustment.
- ◆ The patented poly-treated table plate with low coefficient of friction so as to avoid the glass been scuffed and also the high ability to resist the erosion of solvent is equipped at this working plate.

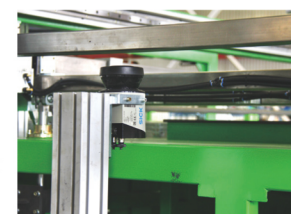
主要设备参数 Main parameters of equipment

| 规格 | BWSP-6080HA-R | BWSP-7011HA-R | BWSP-8012HA-R |
|--|--------------------|--------------------|--------------------|
| 最大印刷尺寸 The max. printing size (mm) | 600 × 800 | 700 × 1100 | 800 × 1200 |
| 最小印刷尺寸 The Min. printing size (mm) | 200 × 300 | 200 × 300 | 200 × 300 |
| 承印物厚度 Substrate thickness (mm) | 2 ~ 6 | 2 ~ 6 | 2 ~ 6 |
| 电源 Power source | 3N 380V 50Hz 3.5KW | 3N 380V 50Hz 3.5KW | 3N 380V 50Hz 3.5KW |
| 设备外形尺寸 (长 × 宽 × 高) (mm) Outer dimension equipment (L*W*H) | 3970 × 1440 × 1750 | 4870 × 1440 × 1750 | 4870 × 1440 × 1750 |

为最大程度满足客户生产的个性化设置，我们还为客户提供菜单式可选项配置：
To meet personalized settings of customer ,
we also provide customers with menu type configuration:



- ◆ CCD 视觉网板定位监控系统
- ◆ CCD visual screen positioning monitoring system



- ◆ 网版破损检验系统
- ◆ screen breakage inspection system



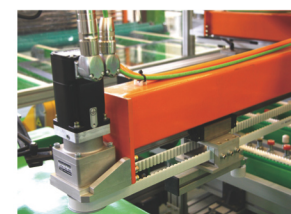
- ◆ 印刷除静电装置
- ◆ Printing Anti-static device



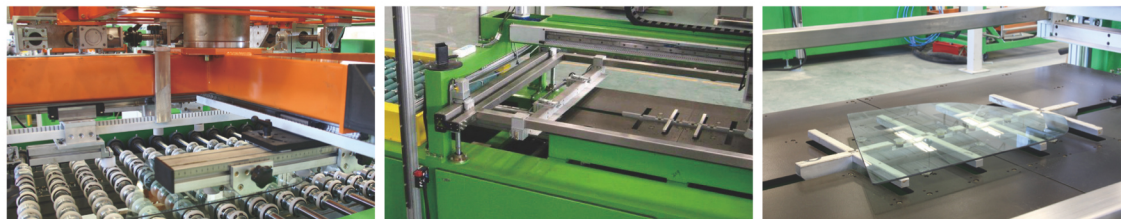
- ◆ 0 边印刷系统
- ◆ ETE printing system



- ◆ 玻璃边角破损检验
- ◆ glass corner breakage inspection system



- ◆ 定位机构调整伺服控制
- ◆ Positioning mechanism adjustment servo control



设备功能及特点 Function and characteristics of equipment

本机为三工段全自动丝网印刷机，由定位段、印刷段及下片段所构成，玻璃在各工位间的输送由精准传输梭完成。本机将普通全自动丝网印刷机须逐次完成的各步动作，分别在三个工段同时完成，大幅提高生产效率。特别适合轿车三角窗、侧窗和家电玻璃等硬质平板材料大批量、高品质的丝网生产。

This equipment is 3-section automatic flat material screen printer. This equipment consists of positioning, printing and unloading section. The transfer of glass among each section is realized by shuttle. The printer completes every step of action at 3 working sections simultaneously, which should be realized step by step by common printer. It can greatly improve the production capacity, especially suitable for high quality and large batch printing production of triangular glass of automobile, sidelight and home appliance glass.

AUTOMATIC SCREEN PRINTER

全自动丝网印刷机



设备功能及特点

Function and characteristics of equipment

本机是玻璃印刷生产线的主体，与其它设备配合实现自动上片、定位、印刷、吸墨、烘干、风冷、下片等功能。特别适合建筑玻璃、家具玻璃、汽车玻璃等大尺寸玻璃的连续化生产。

This machine is the main body of glass printing production line which can realize the function of automatic loading ,positioning, printing ,ink suction, drying, cooling and unloading by cooperating with the other equipments. It's especially suitable for continuous production of architectural glass, furniture glass, automobile glass and some other glass of large size.

- ◆ 适用于坚硬材质、具有一定刚性的平板形印件的印刷。
- ◆ 特殊的定位方式对印件的复杂外形有很强的适应力，比如轿车的前、后挡扇形玻片的印刷，定位很精确（在 $\pm 0.1\text{mm}$ ）。
- ◆ 专利复合材料面板，磨擦系数小，防止玻片划伤，并具有优良的耐溶剂性能
- ◆ GA 型机工作台面具备吹浮气垫功能，更好解决印件划伤问题，满足 3—19MM 厚度的玻璃印刷；
- ◆ GA—A 型设备台面具备任意分区的吹浮及吸附功能，配合浮动定位点设计，有效解决低于 2MM 厚度玻璃的定位问题；同时独立的可关断铜阀设计使台面的有效工作范围可根据玻璃外型尺寸任意调整，使印刷过程中不易发生干版。
- ◆ This machine is suitable for printing on hard material and some other flat substrates of certain rigidity.
- ◆ The special positioning method enables the equipment with high adaptability for the complex substrate such as the windshield and backlite of the automobile, the positional accuracy is $\pm 0.1\text{mm}$.
- ◆ The patented poly-treated table plate with low coefficient of friction so as to avoid the glass been scuffed and also the high ability to resist the erosion of solvent is equipped at this working plate.
- ◆ The table-board of GA series machine is set with blowing air cushion function which wonderfully solves the scratches problem, meeting the requirement of printing on 3~19mm-thick glass.
- ◆ The table-board of GA-A series machine is set with blowing & adsorption function in any area, coordinating with floating anchor point, which effectively solve the positioning question of 2mm-thick glass; meanwhile, independent copper shut off-available valve design enables the effective working range adjusted according to the glass appearance size, provide the screen from drying during the printing process.



主要设备参数

Main parameters of equipment

| 设备型号 Model | BWSP-1322GA | BWSP-1825GA | BWSP-2030GA | BWSP-2436GA | BWSP-2445GA | BWSP-2551GA |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 最大印刷尺寸 mm The max. printing size | 1300*2200 | 1800*2500 | 2000*3000 | 2440*3660 | 2440*4500 | 2500*5100 |
| 最小印刷尺寸 mm The Min. printing size | 400*600 | 500*700 | 500*700 | 800*1000 | 800*1000 | 800*1200 |
| 承印物厚度 mm Substrate thickness | 3~19 | 3~19 | 3~19 | 3~19 | 3~19 | 3~19 |
| 电源 Power source | 3N 380V/50Hz 5.5kw | 3N 380V/50Hz 5.5kw | 3N 380V/50Hz 5.5kw | 3N 380V/50Hz 6.5kw | 3N 380V/50Hz 6.5kw | 3N 380V/50Hz 6.5kw |
| 设备外形尺寸(长×宽×高) Outer dimension (L×W×H) mm | 3700*2400*1850 | 4000*2800*1850 | 4500*3000*1850 | 5200*3600*1850 | 6000*3600*1850 | 6600*3600*1850 |

IR 烘干机 IR Dryer



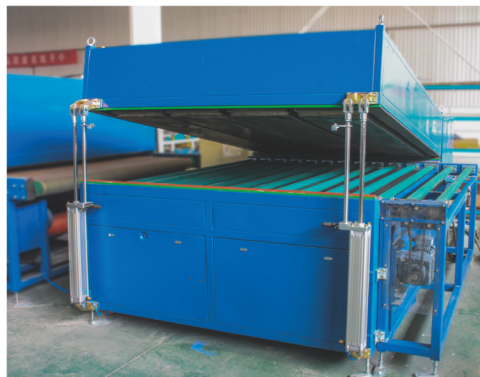
- ◆ 本机由加热部分、传输部分、热风循环系统、排废系统及控制部分组成，确保印后玻璃的烘干。
- ◆ 各加热区长 2000mm，各区温度能单独设置及控制，加热元件采用石英加热器，设备总长度可根据生产需要任意组合。
- ◆ This machine consists of heating parts, transmission parts, hot air circulation system, exhaust system and the control parts, ensuring the drying of glass after printed.
- ◆ The length of every heating section is 2000 mm, the temperature can be separately set and controlled, heating element uses quartz heater, and the total length of equipment can be adjusted according to production requirement.

UV 烘干机 UV Dryer



- ◆ 根据承印物要求采用聚焦型或平行光型反光罩，提高固化的效率。
- ◆ UV 光固机有无极灯及高压汞灯两种供用户选择。
- ◆ Focusing or parallel light reflectors are applied according to the substrates to improve the efficiency of curing.
- ◆ Electrodeless lamp and high pressure mercury lamp are for customers' option.

风冷机 / 冷风风冷机 Cooler



- ◆ 采用上下风淋的方式冷却玻璃，大流量的风淋不仅利于玻璃快速降温，还利于油墨进一步干燥；
- ◆ 客户可根据生产需要选择网带传输或辊传输方式；
- ◆ The upper and lower air blowing cooling method is applied, big flow of the air shower is not only conducive to rapid cooling glass, but also conducive to further drying inks.
- ◆ Belt conveyance and roller conveyance is for customers' option.

垂直储片传输机 Vertical Glass Accumulator



本机是用于玻璃（或其它硬质材料）印刷生产线中的传输和缓存储片，使生产线能够协调作业。储片数量根据客户需求可订制 15 片、30 片或 50 片。
This machine is used to transfer or temporarily store glass in the glass or other hard material production line. it can smoothly fulfill the transfer and storage of the glass, making it possible for the harmonious running of the Production Line. Accumulating quantity:15pcs\ 30pcs\ 50pce.

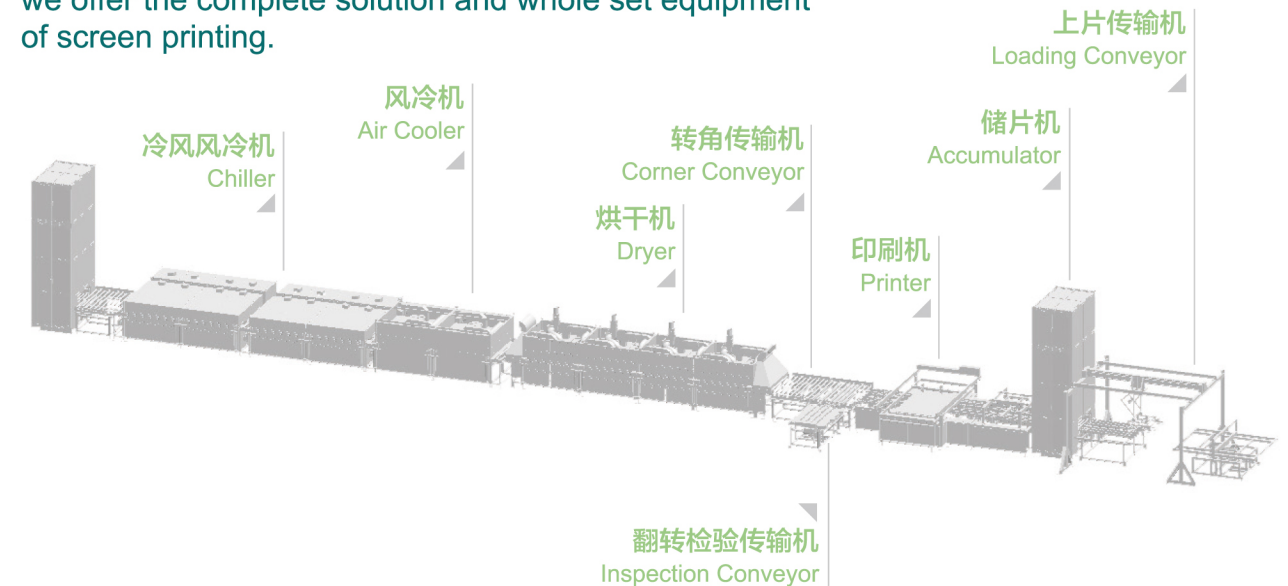


转角传输机
Corner Conveyor



检验传输机
Inspection Conveyor

*** 提供全套丝网印刷解决方案及设备 ***
we offer the complete solution and whole set equipment of screen printing.



平行网版半自动丝网印刷机 Semi-Automatic Parallel Screen Printer

设备功能及特点

Function and characteristics of equipment

- ◆ 印刷动力由电机拖动，使印刷快速平稳。
- ◆ 升降动力分气动，电动两种，其中电机升降设置有网版自我约束平衡系统。
- ◆ Printing device is driven by motor that makes printing smooth, stable and quickly.
- ◆ Lifting devices are driven by pneumatic or electric method, of which electric driving system is equipped with special screen self-restrain equilibrium system.



| 规格 Model | BWSP-3045V | BWSP-4060V | BWSP-6080V | BWSP-8012V |
|---|-----------------------|-----------------------|---------------------|---------------------|
| 最大印刷面积 (mm) | 300 × 450 | 400 × 600 | 600 × 800 | 800 × 1200 |
| 承印物厚度 (mm) | 0-19 | 0-19 | 0-19 | 0-19 |
| 电源 Power source | 3N 380V 50HZ 2.5KW | 3N 380V 50HZ 2.5KW | 3N 380V 50HZ 3KW | 3N 380V 50HZ 3KW |
| 设备外形尺寸(长 × 宽 × 高) (mm) Outer dimension (L × W × H) | 1100 × 900 × 1800 | 1300 × 950 × 1800 | 1500 × 1150 × 1800 | 1900 × 1400 × 1800 |

通用型精密半自动丝网印刷机 General Purpose Precise Semi-Auto Screen Printer

设备功能及特点

Function and characteristics of equipment

- ◆ 网版及印刷机构采用扇形升降方式，使网版升降快速稳定。
- ◆ 台面选用高强度航空用合金铝板，内置加厚轻质铝蜂巢、使台面平整不易变形。
- ◆ 即时离网机构从零无级调节，并且与印刷完全同步。并且可实现印刷行程变化时印刷机不做任何调整的情况下网版在水平位回墨。
- ◆ Sector tilting up/down method is adopted for the printing device and screen frame to make the screen frame up/down quick and stable.
- ◆ Plate of working table adopts aviation aluminum alloy with build in light weight aluminum honeycomb, making the table flat and non-deforming.
- ◆ Instant peel-off mechanism and steples adjustment from 0, keep synchronous with printing motion so as to realize the screen frame at horizontal position when the printing operation is initiated provided that the printing stroke varies.



| 设备型号 Model | BWSP-6050 | BWSP-8060 | BWSP-9070 | BWSP-1280 |
|---|-------------------|-------------------|--------------------|--------------------|
| 最大印刷尺寸 (mm) The max. printing size | 600 × 500 | 800 × 600 | 900 × 700 | 1200 × 800 |
| 最大承印物厚度 (mm) Max Substrate thickness | 20 | 20 | 20 | 20 |
| 空机运行速度 (pcs/h) Operating speed | 1200 | 1200 | 900 | 850 |
| 设备外形尺寸(长 × 宽 × 高) (mm) Outer dimension (L × W × H) | 1400 × 900 × 1350 | 1600 × 980 × 1350 | 1700 × 1080 × 1350 | 1800 × 1380 × 1350 |

半自动巨幅、长行程丝网印刷机 Large Long Stroke, Semi-Automatic Screen Printing Machine

设备功能及特点

Function and characteristics of equipment

- ◆ 采用工作台进出式机构，方便取放承印物。
- ◆ 台面选用高强度航空用合金铝板，内置加厚轻质铝蜂巢、使台面平整不易变形。
- ◆ Table in and out structure is adopted to ease the loading and unloading o substrate.
- ◆ working table surface made of aviation aluminum alloy with build-in aluminum honeycomb, making the table flat and not-deforming.



| 设备型号 Model | BWSP-1224G | BWSP-1530G |
|---|--------------------|--------------------|
| 最大印刷尺寸 (mm) The max. printing size | 1200 × 2400 | 1500 × 3000 |
| 最大承印物厚度 (mm) Max Substrate thickness | 0--19 | 0--19 |
| 电源 Power source | 3N 380V/50Hz 5.5kw | 3N 380V/50Hz 5.5kw |
| 设备外形尺寸(长 × 宽 × 高) (mm) Outer dimension (L × W × H) | 3800 × 3250 × 1350 | 4400 × 3850 × 1350 |

自动上片传输机 Automatic Loading Conveyor

设备功能及特点

Function and characteristics of equipment

本机由回转台、自动上片机构、传输机构组成，专用于玻璃（或其它硬质平板材料）加工生产中的自动上片设备。

This machine consists of glass storing & rotation table, automatic loading mechanism and transfer mechanism it is specially designed for automatically loading the glass and other hard flat materials in the production line.



| 设备型号 Model | BWLT-1218 |
|---------------------------------|------------------|
| 最大玻璃尺寸 The Max. glass size (mm) | 1400 × 2000 |
| 最小玻璃尺寸 The Min. glass size (mm) | 400 × 700 |
| 玻璃厚度 Glass thickness (mm) | 1.6 ~ 10 |
| 电源 Power source | 3N 380V 50Hz 6Kw |

商标印刷机

全自动商标印刷机 Automatic LOGO Printer



◆ 本设备为全自动商标印刷机，主要用于在玻璃等平面硬质材料上完成自动在线印刷。印刷机头位置可根据商标位置进行X、Y、θ方向调整。

◆ Automatic LOGO printer is mainly used for online automatically printing on glass and some other hard material. The positioning device can be adjusted at the X, Y and θ direction according to the LOGO position.

半自动商标印刷机 BWSP-100L Semi-Automatic LOGO Printer



◆ 整机采用全气动结构结合 PLC 控制，运行平稳可靠，操作方便灵活。

◆ 印刷头及网版夹持机构沿印刷方向整体移动调整，范围 0 ~ 500mm。最大印刷面积 80×100MM。

◆ The pneumatic structure combined with PLC control system is used in this machine. The running of this machine is reliable and stable while the operation is convenient.

◆ The position of printing device and screen clamping device can be adjusted along the longitude direction of guide pole. The adjustment range is 0-500mm.while the maximum printing area is 80×100MM.



辊印机 Roller Printer

设备功能及特点 Function and characteristics of equipment

◆ 本机为湿膜辊涂机，主要用于建筑玻璃的满幅面无图案印刷、印制线路板（PCB）以及 LCD 的感光油墨的涂布。辊涂升降机构采用数字化控制，确保在涂布不同厚度的产品时调整方便、快捷、准确。

◆ This equipment is wet membrane coating machine, mainly used in the architectural glass printing in full page and pattern-less coating as well as the PCB coating and the coating of the photosensitive ink in the LCD. The lifting of the roller coating system is digitally controlled, ensuring the quick, convenient and precise adjustment of machine when the thickness of product varies.

| 设备型号 Model | BWRP-1200 | BWRP-1800 | BWRP-2400 |
|--|------------------|------------------|------------------|
| 最大辊印宽度 The Max. printing width(mm) | 1200 | 1800 | 2400 |
| 玻璃厚度 glass thickness(mm) | 3 ~ 19 | 3 ~ 19 | 3 ~ 19 |
| 辊印涂布速度 Coating speed | 0.2m/S~0.6m/S | 0.2m/S~0.6m/S | 0.2m/S~0.6m/S |
| 电源 Power source | 3N 380V 50Hz 4Kw | 3N 380V 50Hz 4Kw | 3N 380V 50Hz 4Kw |
| 设备外形尺寸(长×宽×高) Outer dimension(L×W×H) (mm) | 1250×2550×1650 | 1250×3150×1650 | 1250×3750×1650 |
| 重量(约) Weight (about) | 1000kg | 1500kg | 2000kg |

清洗机 Glass Washing Machine



设备功能及特点

Function and characteristics of equipment

- ◆ 根据生产需求确定设备的配置及相应的盘刷和辊刷数量；在末端设有三组风刀；传输机构变频器控制，无级调速。
- ◆ 选用大功率的风机及特殊结构的风刀，保证出片玻璃的干燥。
- ◆ 每个清洗工位均设有独立的循环水箱及加热系统，可实现独立控温。
- ◆ 支承辊、清洗段、集污槽以及与水接触的零件一律使用不锈钢制造，螺钉、管道、水泵及过滤器也包括在内。
- ◆ The configuration of equipment and the quantity of disc brush & roller brush is determined by production requirement. 3 sets of wind knives installed at the rear part of it. The inverter controls the transfer speed of transfer part. This speed is stepless adjustable.
- ◆ High power fan and specially designed wind knives are adopted to ensure that the glass can be fully dried after it moves out of this equipment.
- ◆ Independent water tank is set below every washing section with heating system. The water temperature can be automatically controlled
- ◆ Beams support rollers, washing section, collection tank and parts at contact with water are made of stainless steel, bolts and nuts, pipes, pump, filters included.

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| 设备型号 Model | TWWM-1800A |
| 最大玻璃清洗尺寸 The Max. glass washing size (mm) | 1800 |
| 最小玻璃清洗尺寸 The Min. glass washing size (mm) | 500 × 700 |
| 玻璃厚度 Glass thickness (mm.) | 1.6 ~ 19 |
| 辊刷数量 Quantity of cylindrical brush(group) | 3 |
| 风刀数量 Quantity of wind knives | 3 |
| 水槽加热功率 Power of water heating in tank | 9kw × 3 |
| 传输速度 Transfer speed(m/s) | 2 ~ 10 |
| 电源 Power source | 3N 380V 50Hz 65KW |
| 设备外形尺寸 (长 × 宽 × 高) Outer dimension(L × W × H) (mm) | 4900 × 3600 × 1650 |

BWGC-1522 数控玻璃切割机 Numerical Control Glass Cutting Machine



设备功能及特点

Function and characteristics of equipment

- ◆ 本切割机为数控式玻璃切割机，采用三轴伺服驱动实现刀头的 X、Y 方向的移动及刀头的旋转，该控制方式为 CNC 控制，可切割各种图形的玻璃。
- ◆ 切割头沿 X、Y 方向移动是由伺服电机通过齿轮齿条实现，导向采用“V”型导轨作为导向。使切割机实现高精度、高速度及低噪声的工作要求。
- ◆ Numerical control glass cutting machine use three axis servo drives to realize the cutting head's movement in X, Y direction as well as its rotation, the control method is of CNC control which can cut all kinds of shapes of glass.
- ◆ The cutting head's movement in X, Y direction is realized by servo motor through gear rack, "V" shaped guide rail is applied for guiding to make the cutting machine work with high precision, high speed and low noise.

| | |
|-----------------------------------|----------------------|
| 设备型号 Model | BWGC-1522 |
| 玻璃尺寸 Glass size (mm) | 1500x2200 |
| 玻璃厚度范围 Glass thickness (mm) | 1.6-6 |
| 传输方式 Conveyance method | 平带传输 Belt conveyance |
| 传输速度 Conveyance speed (m/min) | 6-60 |
| 切割速度 Cutting method(m/min) | 0-120 |
| 切割加速度 Cutting acceleration(m/s.s) | 0.5 |
| 切割精度 Cutting accuracy(mm) | ±0.15 |
| 电源 Power source | 3N 380V 50Hz 8kw |

| 设备名称 | 设备简介 characteristics of equipment | 常规型号 |
|---|---|------|
|  <p>大型电动伸缩式机械绷网机 Large Electric Telescopic Tension Machine</p> | <ul style="list-style-type: none"> ◆ 适用于高张力精密网版的制作。 ◆ 既能制作标准值的最大网版，又能根据用户网幅的幅宽变化进行调整，有很强的适应性。并且可同时制作多个网版，大大降低用户的成本，且提高生产效率。 ◆ Suitable for making high tension and high precision screen. ◆ This machine can not only make the screen in standard area but also in any area according to the customer's requirement, thus extremely reduce the investment cost as well as improve the productivity. | BWTM |
|  <p>气动绷网机 Pneumatic Stretching Machine</p> | <ul style="list-style-type: none"> ◆ 绷网拉力经纬方向一致，绷网质量高。 ◆ 投资少，占地小，无噪音，操作方便，易维修，可随时收起，节约占地空间 ◆ The pulling force is homogeneous distributed in all directions that ensure tension quality. ◆ Low investment, fast to set up, no noise, easy to use and repair, save space. | BWTM |
|  <p>双面自动涂布机 Double-Side Automatic Coating Machine</p> | <ul style="list-style-type: none"> ◆ 涂布速度平稳可调，涂布压力及涂布行程调整快捷。 ◆ 涂布面积可调，网版采用气动夹紧，便于快捷调整及装卡。 ◆ 涂布导向采用高精度线性导轨，确保涂布时运行平滑并延长机械寿命。 ◆ Coating speed is smooth, stable and adjustable, coating pressure and stroke can be adjusted easily and quickly ◆ Coating area is adjustable; screen is pneumatically clamped, which is convenient for adjusting and screen clamping ◆ High precision linear guide is used as coating guide to ensure smooth coating and prolong the machine's life time | BWAC |
|  <p>自动胶刮研磨机 Automatic Squeegee Sharpener</p> | <ul style="list-style-type: none"> ◆ 采用进口高精度线性滑轨，使磨头移动平稳顺滑。 ◆ 磨头转速设有高速及低速两种。 ◆ 内置强力吸尘装置，能磨削 0° ~ 45° 的胶刮。 ◆ High precision linear guide is adopted that ensures smooth and stable running of machine. ◆ Double rotating speed of grinding wheel can be set, high speed and low speed. ◆ There is powerful dust cleaner in the sharpener. Grind angle ranges from 0 to 45 degree. | BWSQ |

| 设备名称 | 设备简介 characteristics of equipment | 常规型号 |
|---|---|-------|
|  <p>手动胶刮研磨机 Manual Squeegee Sharpener</p> | <ul style="list-style-type: none"> ◆ 结构简单，操作方便、快捷。 ◆ 适合制作各种长度的印刷刀。 ◆ Simple structure, convenient and quick for operation. ◆ The equipmet is suitable for grinding printing bar of various length. | BWSQ |
|  <p>油墨搅拌机 Ink Mixer</p> | <ul style="list-style-type: none"> ◆ 采用偏心墨桶夹持装置，使油墨调配更为充分。 ◆ 搅拌时间自动控制可调，具有定时报警装置。 ◆ 机台耐震，平稳，搅拌可靠。 ◆ The eccentric ink barrier holding device is adopted in this machine, making the ink mixed more sufficient. ◆ Mixing time is automatically controlled and adjustable with timer warning device. ◆ Anti-shake structure. It is stable to mix the ink. | BWINK |
|  <p>大型立式电动晒版机 Large Stand Electric Exposing Unit</p> | <ul style="list-style-type: none"> ◆ 台版真空吸附，高弹性橡皮布使网版与底片密切贴合，真实再现底片图案。 ◆ 瞬时达到真空状态，节省制版时间。 ◆ 配置强功率双灯，设有特制反光罩，提供均匀的光源。 ◆ 特殊规格可订做。 ◆ Work table is vacuum suction with elastic rubber make perfect contact between the positive film and screen, thus hold fine details on the screen. ◆ Instant vacuum saves time for making screen. ◆ Equips with two powerful lamps, set up special reflector, supply homogeneous light source. ◆ Customized specifications are available. | BWEM |
|  <p>箱式晒版机 Box Exposing Unit</p> | <ul style="list-style-type: none"> ◆ 瞬时达到真空状态，节省制版时间。 ◆ BWEM-1011B 型采用 3000W 强力紫外线光源，快速启动，曝光均匀，光力极强。 ◆ BWEM-8090B 型采用多排大功率紫外线灯管平均分布，提供均匀光源，经济、节能。 ◆ The vacuum state can be reached instantly, reducing the screen making time ◆ 3000W powerful UV light source is adopted in BWEM-1011B, it starts up quickly and expose uniformly. ◆ There are many rows of powerful homogeneous installed UV lamps adopted in the BWEM-8090B that can supply uniform light source, which is economic and energy saving | BWEM |