

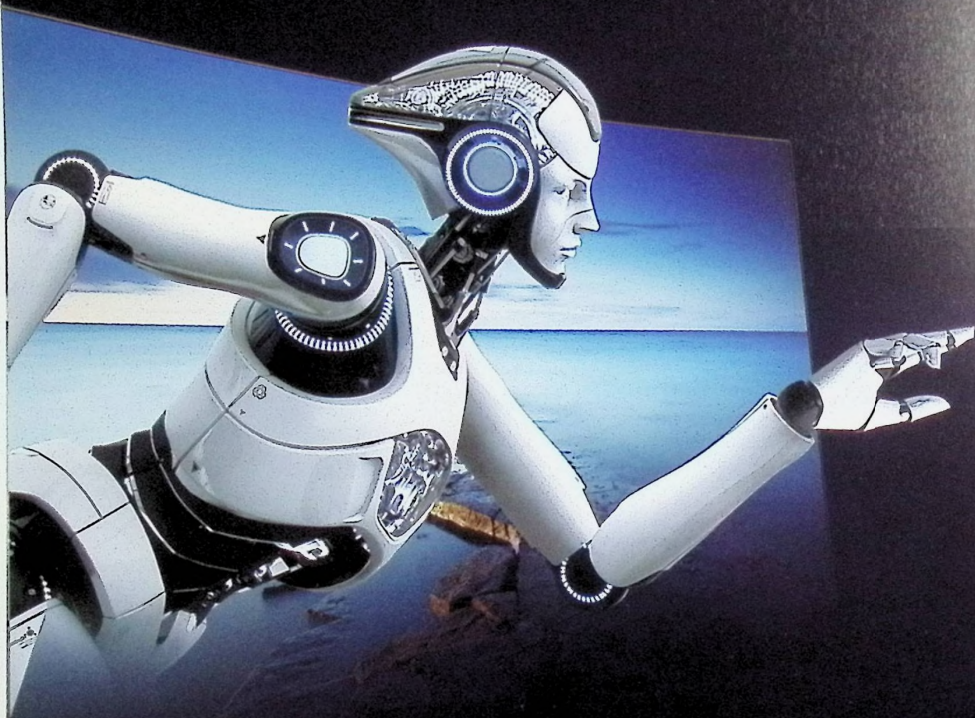


十年专注自主研发 · 领航中空幕墙科技



正科自动化
ZHENGKE AUTOMATION

济南正科自动化设备有限公司
Jinan Zhengke Automation Equipment Co., Ltd



梦想启航未来

专注智能制造

Dreams Set Sail For The Future
Focus on Intelligent Manufacturing



正科自动化
ZHENGKE AUTOMATION

科技 · 创新 · 致远

方正做人，科技兴企。

矢志成为世界领先的智能中空装备制造企业！

Determined to become the world's leading
intelligent Insulating Glass equipment manufacturing enterprise!





COMPANY INTRODUCTION

ZHENGKE 公司简介

正科自动化设备有限公司主要从事中空玻璃设备技术研发、智能制造、产品制造于一体的现代企业。公司拥有国家高新技术企业认定。公司固定资产2000万元，拥有一批专业、经验丰富的技术人员。公司始终坚持以客户需求为导向，持续研发新产品，提供配套产品，向大型化、成套智能化发展，不断满足客户对设备生产需求，加强检控措施，提供切实有效的专业技术咨询及售后服务，为客户提供前期设计 & 软硬件配备、可信赖的专业技术培训及优质的售后服务等全方位的服务。

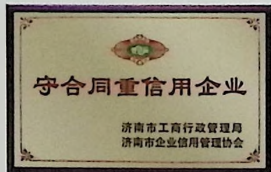
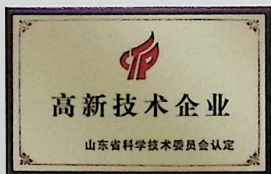
公司自创立以来，一直遵循科学、规范、机制规范运作，致力于中空玻璃设备工艺与技术持续发展，强调质量、保证客户利益、提供简单、经济、安全、环保的中空玻璃生产解决方案。主要业务高效在线充气中空玻璃生产线、高速全自动中空玻璃打胶机等各种中空玻璃设备的研发、生产、销售，为客户专门设计、制造、安装、调试、培训、服务及运营提供系统化优质服务。在解决方案实施和技术研发过程中严格注重质量管理、积累了丰富的经验和专业技术，锻炼了一支能征善战的技术和服务团队。

正科自动化坚持实施以提高产品竞争力为核心的科研发展战略，以科研攻关、技术引进、技术改进为主线，瞄准行业前沿技术，不断提高企业的整体科技创新能力，结合市场需求和技术发展趋势，引进国内外先进技术，消化吸收，开拓创新，并加大科技改造和技术投入，以加快高新技术的产品研发和规模化生产。

Jinan zhengke automation equipment co., ltd. is a high insulating glass equipment technology research and development, intelligent manufacturing, product sales in the integration of enterprises, and has been recognized as a national high-tech enterprise, the company twenty million yuan in fixed assets, a large number of professional and powerful advanced technical personnel, always adhere to the customer demand as the guidance, Continuous research and development of new products, serialized products, supporting products, to large sets of intelligent development, constantly improve the quality system, update technology, strengthen the prosecution, to provide practical and effective professional consultation and suggestions, the whole plant planning and hardware and software equipment, technical training and after-sales service all-round services.

Company since its inception, has been to follow the modern enterprise management mechanism, process and technology continues to develop, provide a simple, safe, economic and environmental protection of the insulating glass production solutions, products are efficient online inflatable insulating glass production lines, high-speed insulating glass glue machine equipment research and development, production, sales, for customers specialized design, manufacturing, installation, commissioning, training, service and operation to provide systematic quality services, accumulated rich experience in the solution, exercise the service team.

Zhengke to enhance the competitiveness of their products as the core of the scientific research development strategy, to scientific research, technology transfer, improvement as the main line, aimed at industry leading edge technology, constantly improve the innovation ability of science and technology, introduces the domestic and foreign advanced technology, digestion and absorption, increase investment in science and technology transformation, speed up high-tech product research and development and large-scale production.



专利号: ZL 2020 2 1489091.7



专利号: ZL 2020 2 1031103.1



专利号: ZL 2020 2 1453365.7



登记号: 2021SR0652082

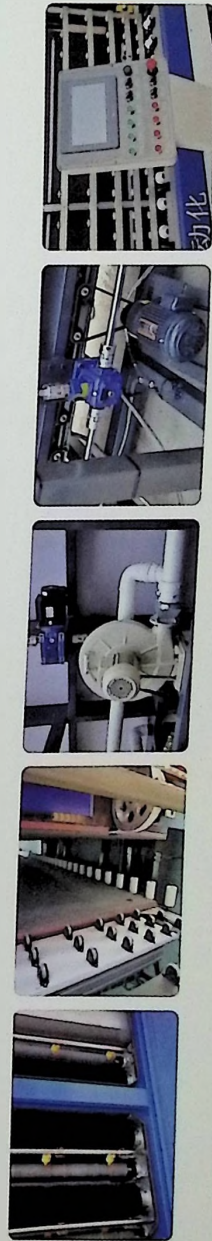
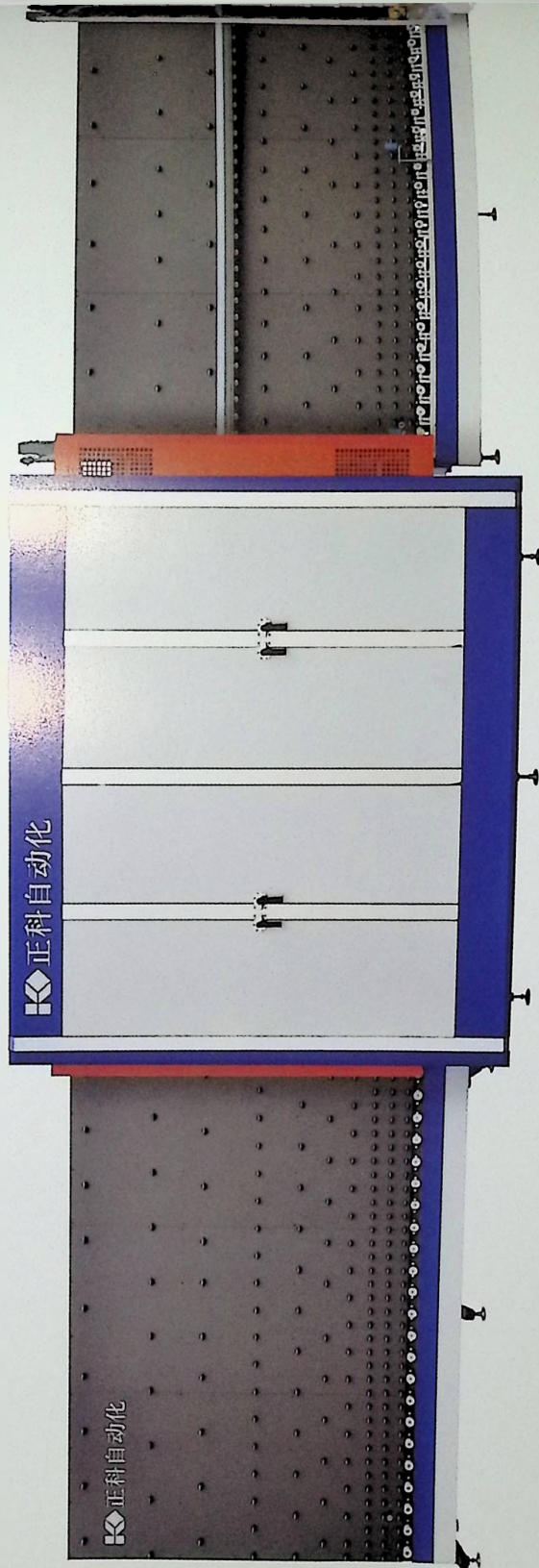


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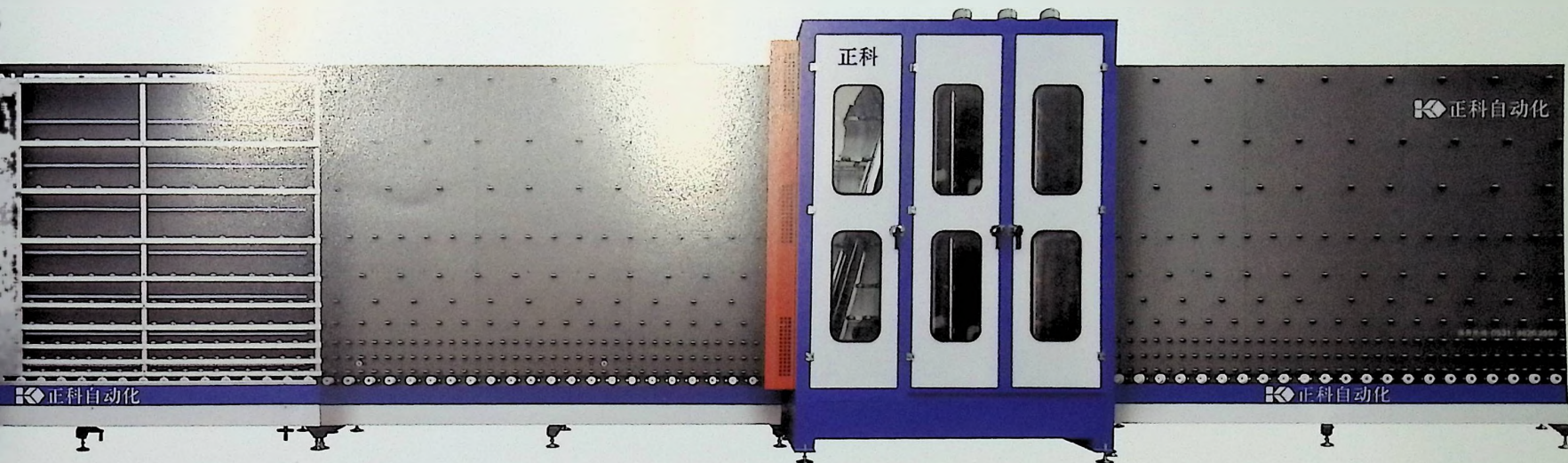


INSULATING GLASS INFLATABLE FLAT-PRESS PRODUCTION LINE

LBCQ2500A/2000A 全自动中空玻璃板内充气生产线



型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LBCQ2500A	380V 50Hz 35KW	0.6-0.8Mpa	2500×3500mm	280×480mm	3-18mm	≤80mm	0-50m/min	2-15m/min	24800×2700×3550mm
LBCQ2000A	380V 50Hz 30KW	0.6-0.8Mpa	2000×2500mm	280×480mm	3-18mm	≤80mm	0-50m/min	2-15m/min	20000×2600×3050mm



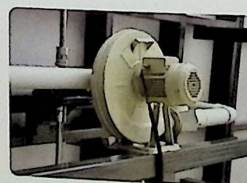
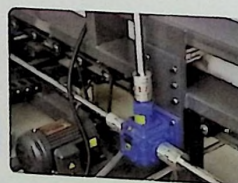
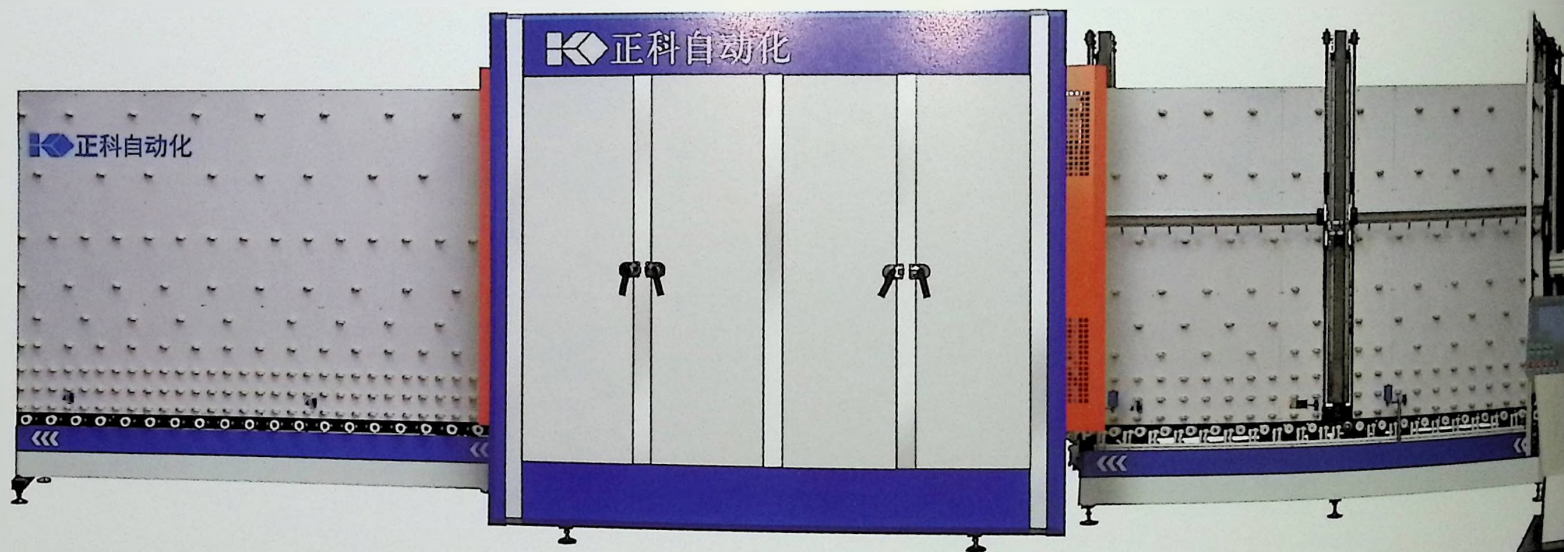
设备特点 EQUIPMENT FEATURES

- 全程PLC控制，触摸屏人机界面，操作便捷、直观，可手动或自动控制。
- 生产线可自动识别镀膜玻璃和LOW-E玻璃，上料自动排片(独立传送)。
- 清洗箱双底板结构、上部全部采用伞齿轮连接，性能稳定，使用寿命长。
- 灯管分布合理，分段控制，更好的检测玻璃洁净度。
- 铝隔条定位准确，定位距离调节方便；清洗风刀根据玻璃厚度自动调整。
- 第三段、第七段可以预存玻璃，有效的提高了生产效率。
- 板压压力精确调节，丝杠驱动，合片、压片、充气一次完成，合片平稳。
- 自动检测玻璃长度、高度、厚度，自动调节最佳充气空间。
- 可对双玻、三玻、四玻中空玻璃充气(氩气)，自动计算充气量，浓度高。
- PLC control, touch screen man-machine interface, easy to operate, intuitive, manual or automatic control.
- The production line can automatically identify coated glass and low-E glass, feeding automatic sheet arrangement (independent transmission).
- Cleaning box double bottom plate structure, the upper part bevel gear connection, stable performance, long life.
- Reasonable distribution of lamp tube, segmented control, better detection of glass cleanliness.
- Aluminum bar positioning is accurate, positioning distance adjustment is convenient; Cleaning air knife automatically adjusts according to glass thickness.
- The third and seventh sections can be pre-stored glass, effectively improving the production efficiency.
- The pressure of the plate is precisely adjusted, and the lead screw is driven to complete the laminating, laminating and inflating in one time, and the laminating is stable.
- Automatic detection of glass length, height, thickness, automatic adjustment of the best inflation space.
- Two, three and four layers insulating glass aeration (argon), automatic calculation of aeration, high concentration.



INSULATING GLASS INFLATABLE FLAT-PRESS PRODUCTION LINE

LBCQ2500B/2000B 全自动中空玻璃内外充气生产线

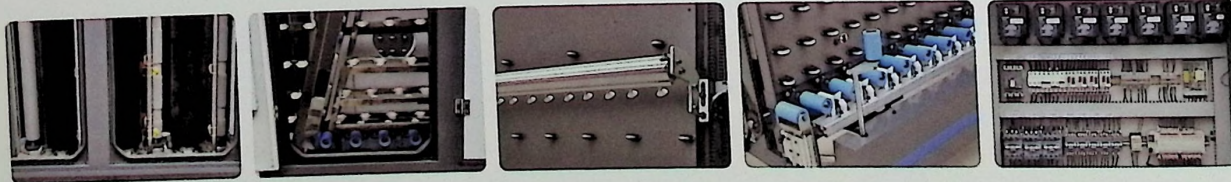
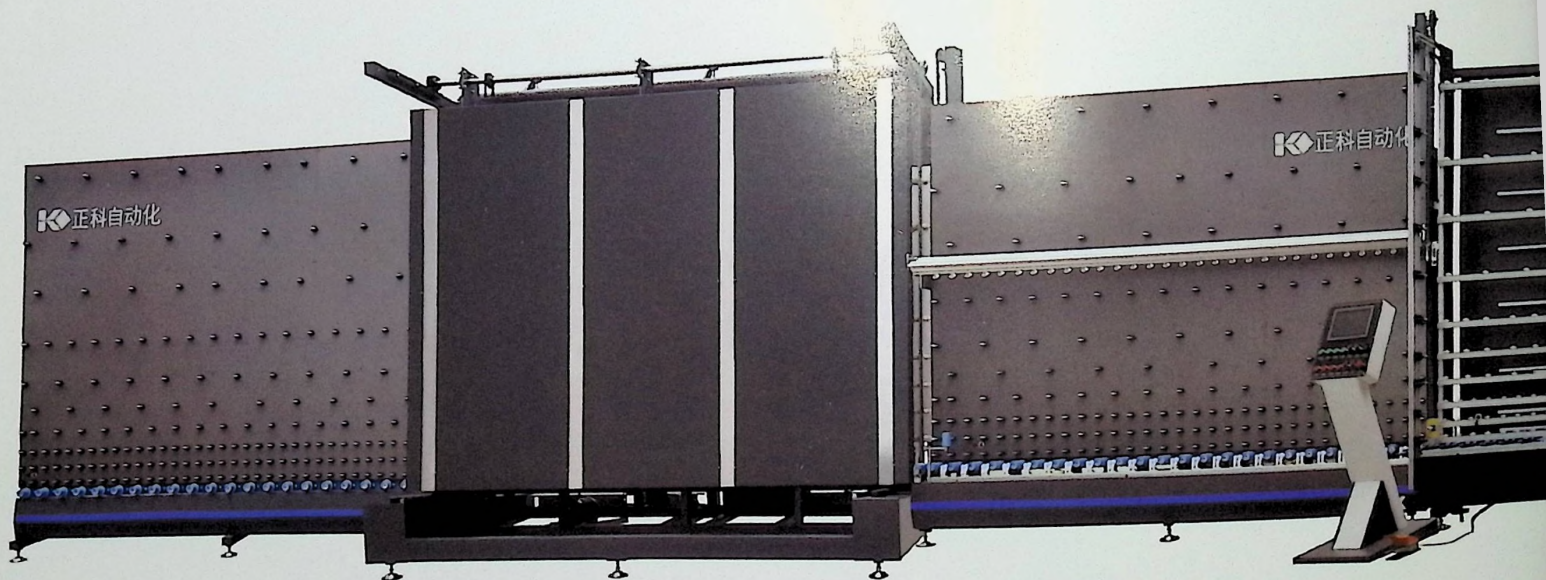


型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LBCQ2500B	380V 50Hz 35KW	0.6~0.8Mpa	2500×3500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	24800×2700×3550mm
LBCQ2000B	380V 50Hz 30KW	0.6~0.8Mpa	2000×2500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	20000×2600×3050mm

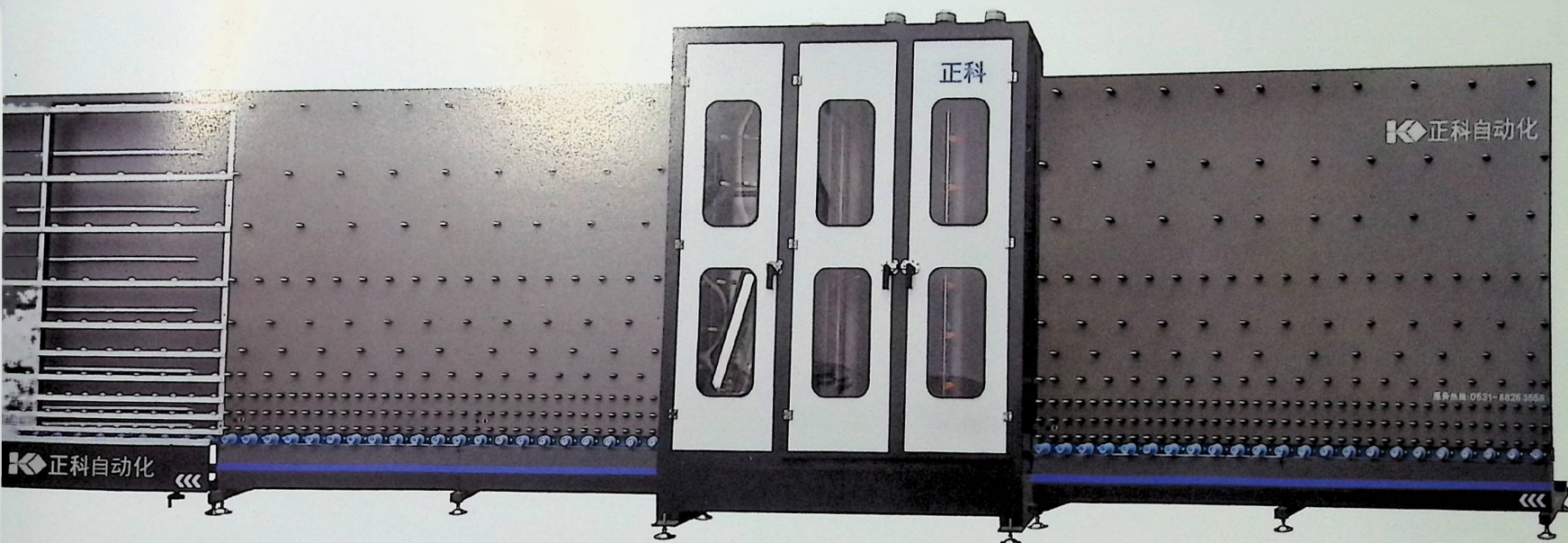


AUTOMATIC INSULATING GLASS FLAT-PRESS PRODUCTION LINE

LB2500A全自动中空玻璃外合片生产线

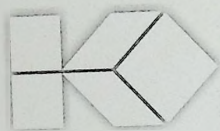


型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LB2500A	380V 50Hz 30KW	0.6~0.8Mpa	2500×3500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	24500×2700×3550mm



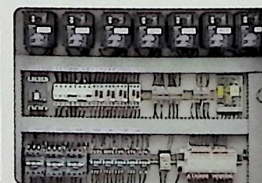
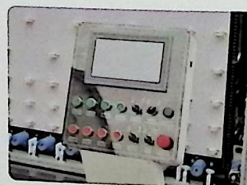
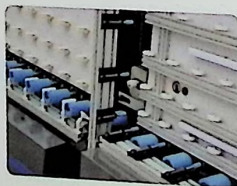
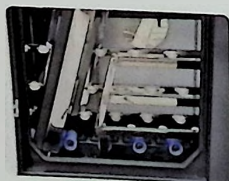
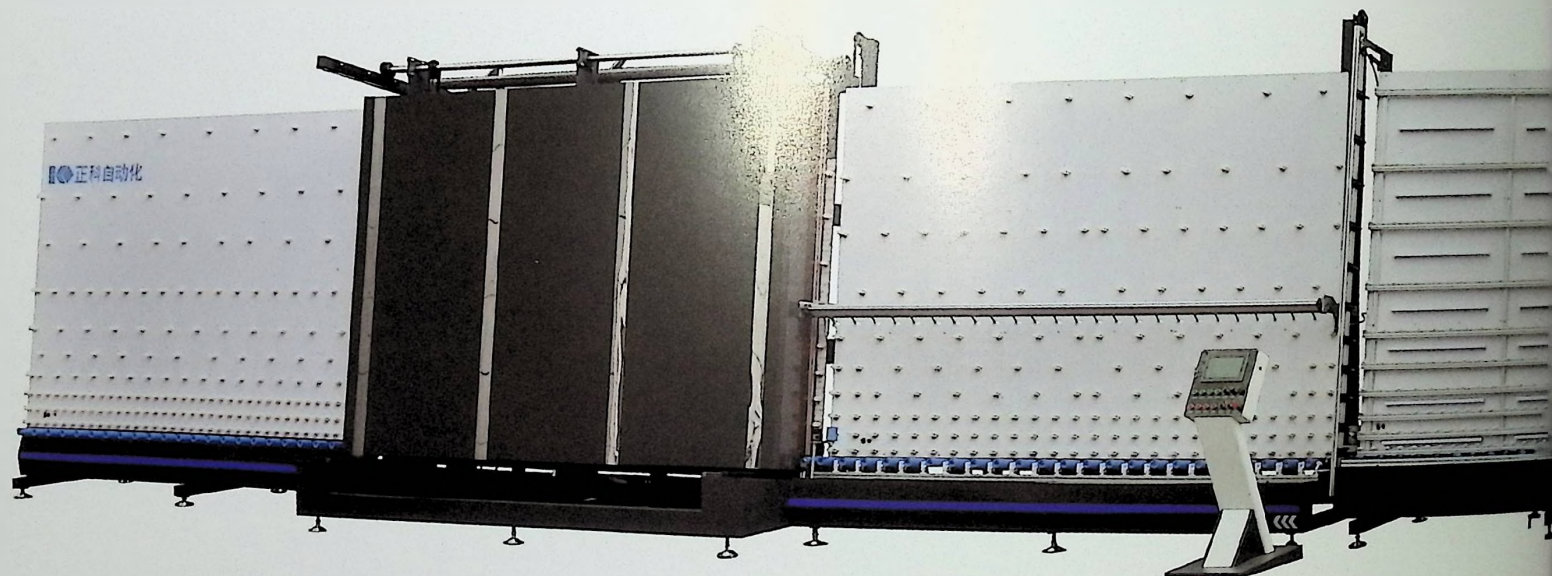
设备特点 EQUIPMENT FEATURES

- 全程PLC控制系统，触摸屏人机界面，操作更便捷、直观。
- 生产线可识别镀膜玻璃和LOW-E玻璃，上料自动排片(独立传送)。
- 第三段、第七段可以预存玻璃，有效的提高了生产效率。
- 智能数字化控制生产线，节省劳动时间，提高生产效率。
- 该生产线可生产二层、三层、四层中空玻璃，大小片(不等片选配)幕墙中空玻璃及异型中空玻璃。
- 生产线设有分段加速功能，板压压力大，玻璃自动定位系统。
- PLC control, touch sensitive screen human-machine interface, operation is more convenient and intuitive.
- The production line can identify coated glass and low-E glass, feeding automatic sheet arrangement (independent transmission).
- Numerical control insulating glass production line, which can save work time and improve production efficiency.
- Produce the Step IG Unit and three Piece IG production according to the customers' different request.
- Specially designed for step insulating glass and Two, three and four layers of insulating glass processing.
- Segmented acceleration, plate pressure maintenance big pressure, automatic positioning system for glass.

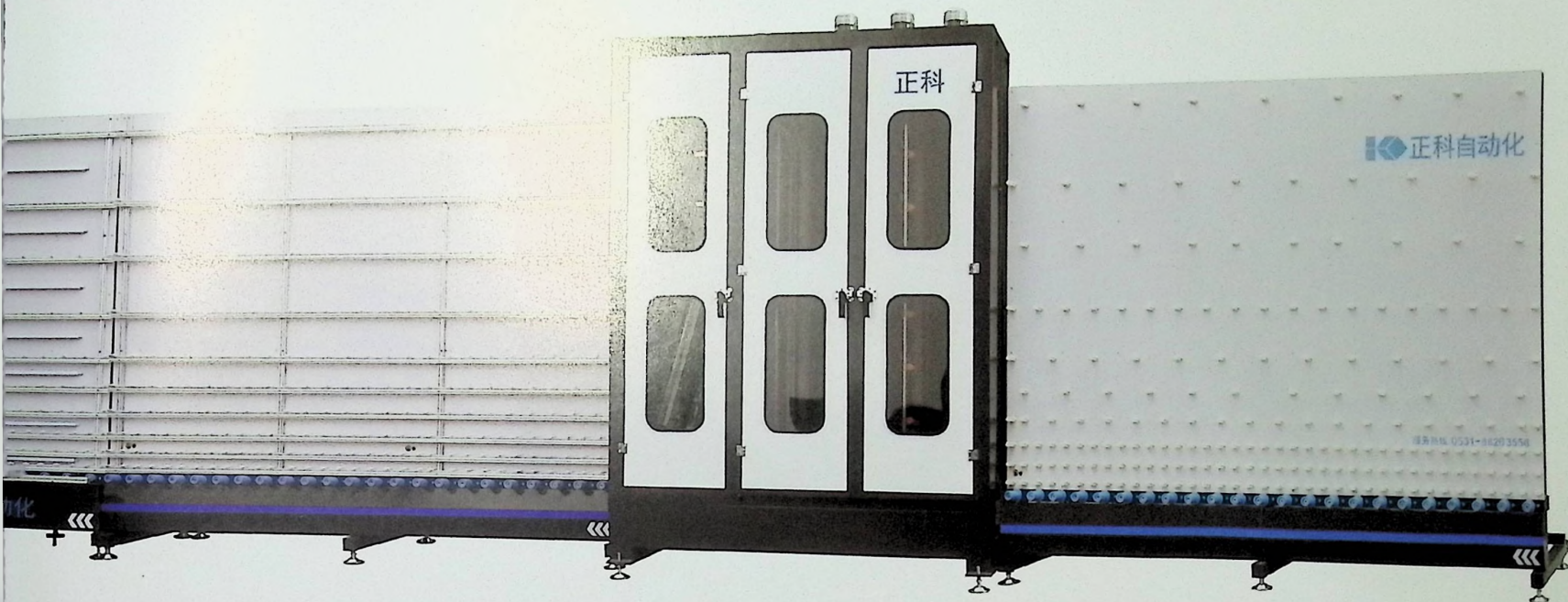


AUTOMATIC INSULATING GLASS FLAT-PRESS PRODUCTION LINE

LB2500B全自动中空玻璃外合片生产线



型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LB2500B	380V 50Hz 30KW	0.6~0.8Mpa	2500×3500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	24500×2700×3550mm



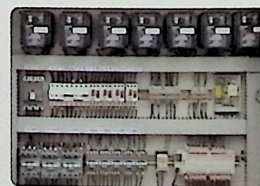
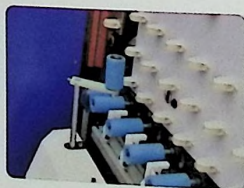
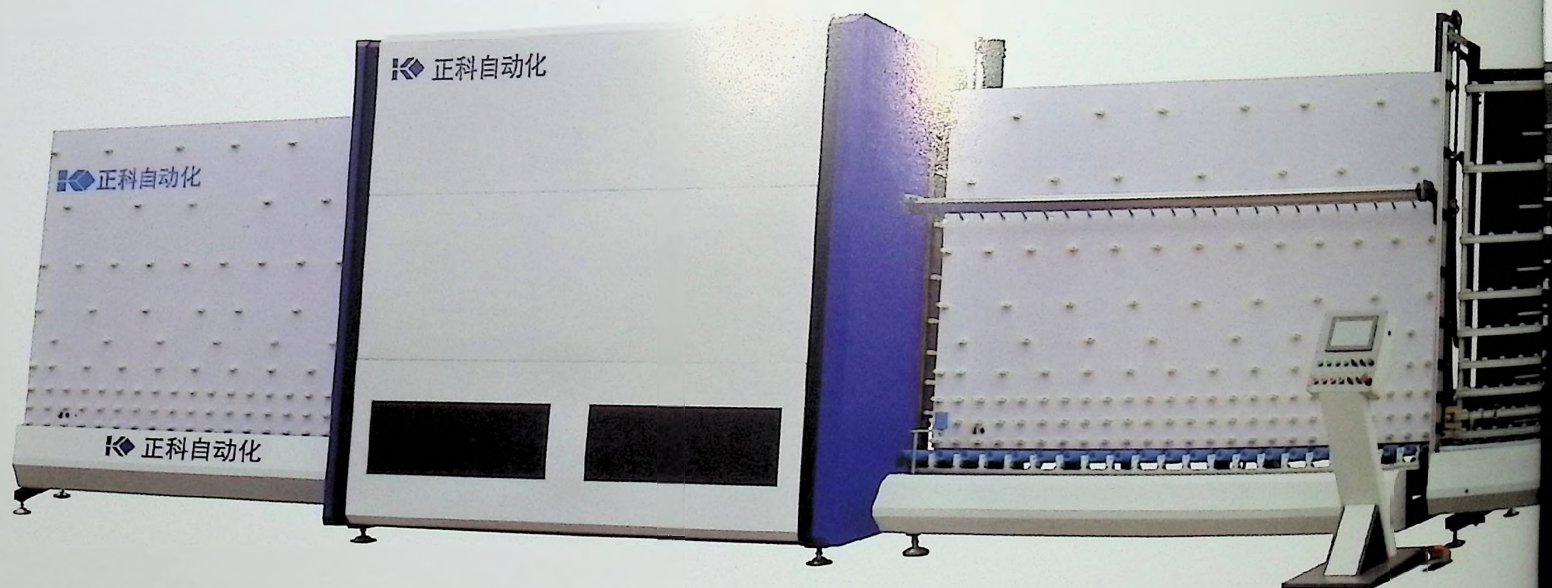
设备特点 EQUIPMENT FEATURES

- 全程PLC控制系统，触摸屏人机界面，操作更便捷、直观。
- 生产线可识别镀膜玻璃和LOW-E玻璃，上料自动排片(独立传送)。
- 第三段可以预存玻璃，有效的提高了生产效率。
- 智能数字化控制生产线，节省劳动时间，提高生产效率。
- 该生产线可生产二层、三层、四层中空玻璃，大小片(不等片选配)幕墙中空玻璃及异型中空玻璃。
- 生产线设有分段加速功能、板压压力大，玻璃自动定位系统。
- PLC control, touch sensitive screen human-machine interface, operation is more convenient and intuitive.
- The production line can identify coated glass and low-E glass, feeding automatic sheet arrangement (independent transmission).
- Numerical control insulating glass production line, which can save work time and improve production efficiency.
- Produce the Step IG Unit and three Piece IG production according to the customers' different request.
- Specially designed for step insulating glass and Two, three and four layers of insulating glass processing.
- Segmented acceleration, plate pressure maintenance big pressure, automatic positioning system for glass.

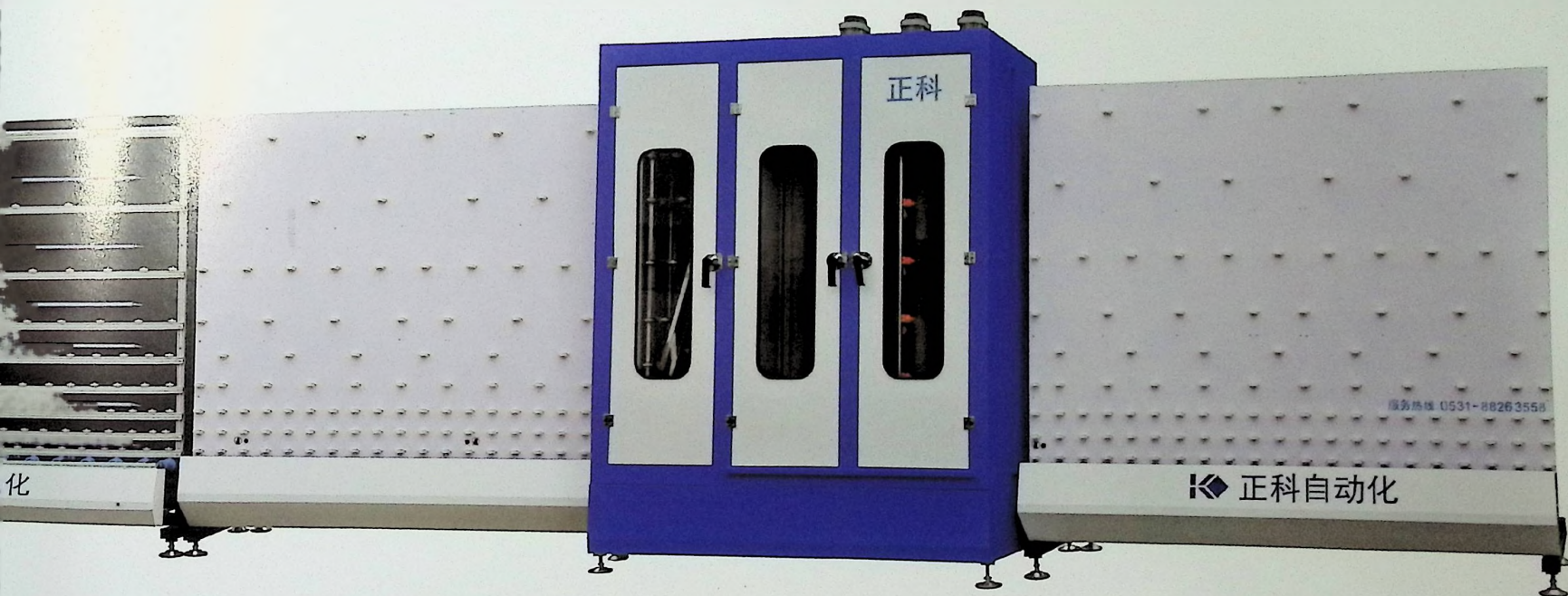


AUTOMATIC INSULATING GLASS FLAT-PRESS PRODUCTION LINE

LB2500 全自动中空玻璃外合生产线

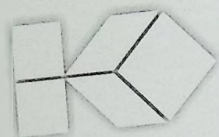


型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LB2500	380V 50Hz 30KW	0.6~0.8Mpa	2500×3500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	24500×2700×3550mm



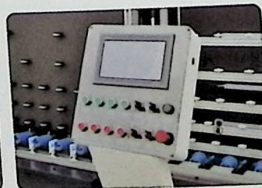
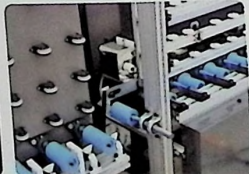
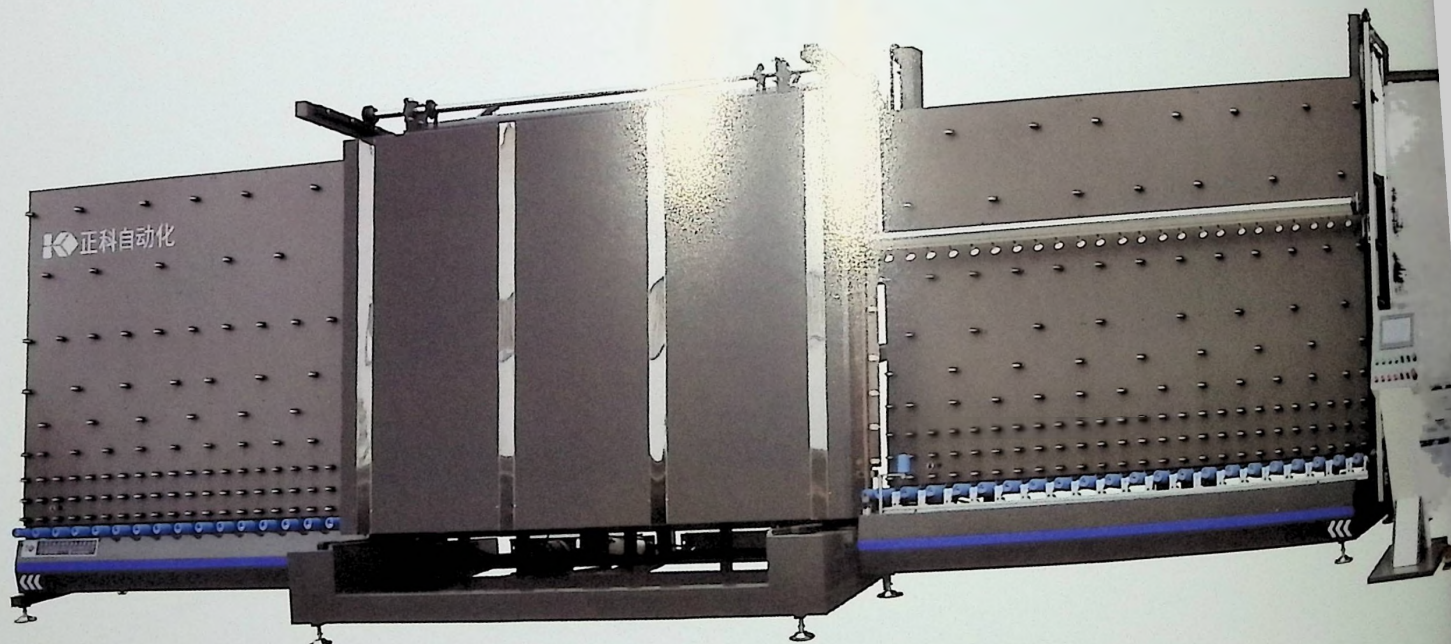
设备特点 EQUIPMENT FEATURES

- 全程PLC控制系统，触摸屏人机界面，操作更便捷、直观。
- 生产线可识别镀膜玻璃和LOW-E玻璃，上料自动排片(独立传送)。
- 第三段、第七段可以预存玻璃，有效的提高了生产效率。
- 智能数字化控制生产线，节省劳动时间，提高生产效率。
- 该生产线可生产二层、三层、四层中空玻璃，大小片(不等片选配)幕墙中空玻璃及异型中空玻璃。
- 生产线设有分段加速功能、板压压力大，玻璃自动定位系统。
- PLC control, touch sensitive screen human-machine interface, operation is more convenient and intuitive.
- The production line can identify coated glass and low-E glass, feeding automatic sheet arrangement (independent transmission).
- Numerical control insulating glass production line, which can save work time and improve production efficiency.
- Produce the Step IG Unit and three Piece IG production according to the customers' different request.
- Specially designed for step insulating glass and Two, three and four layers of insulating glass processing.
- Segmented acceleration, plate pressure maintenance big pressure, automatic positioning system for glass.

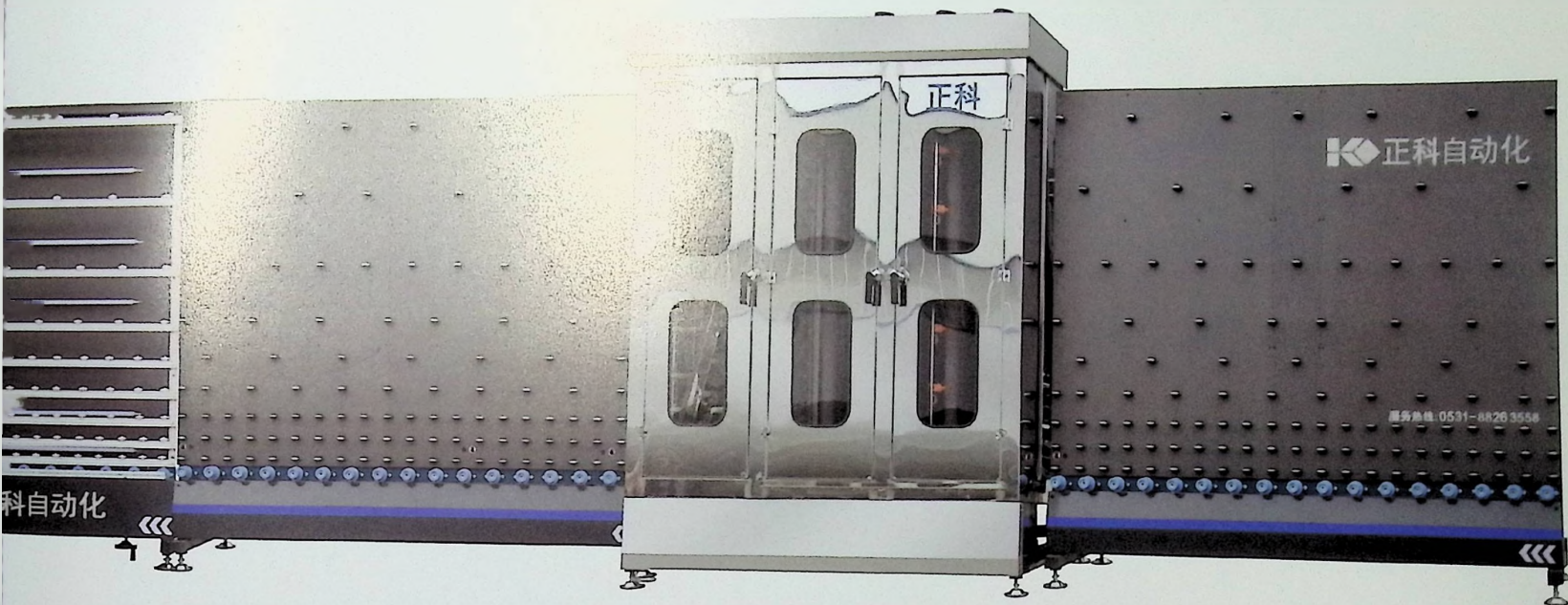


AUTOMATIC INSULATING GLASS FLAT-PRESS PRODUCTION LINE

LB2200A/LB2000A 全自动中空玻璃外合片生产线

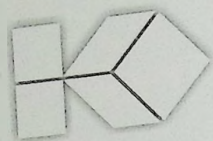


型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LB2200A	380V 50Hz 26KW	0.6~0.8Mpa	2200×3000mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	21000×2600×3250mm
LB2000A	380V 50Hz 25KW	0.6~0.8Mpa	2000×2500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	19800×2600×3050mm



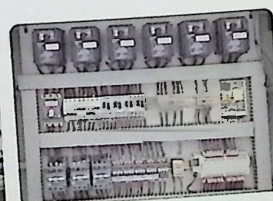
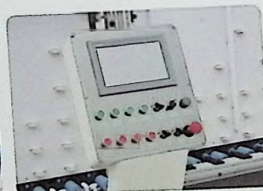
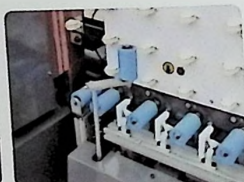
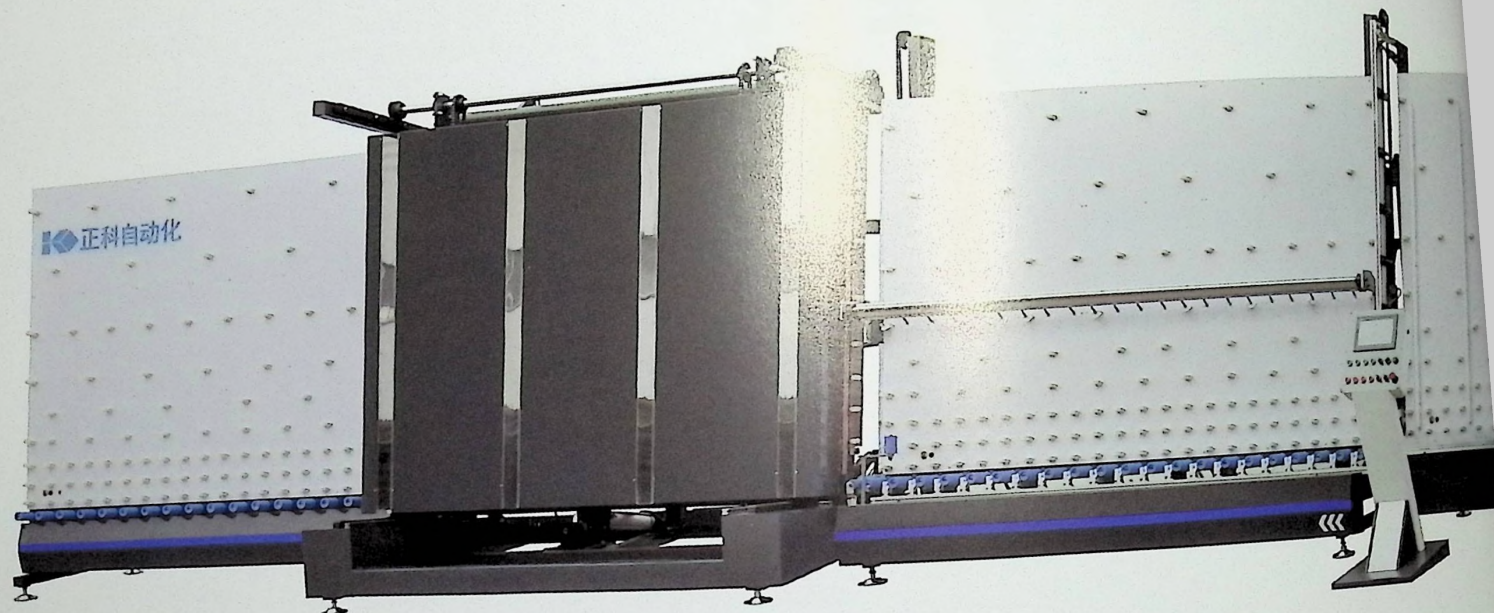
设备特点 EQUIPMENT FEATURES

- 全程PLC控制系统，触摸屏人机界面，操作更便捷、直观。
- 生产线可识别镀膜玻璃和LOW-E玻璃，上料自动排片(独立传送)。
- 第三段可以预存玻璃，有效的提高了生产效率。
- 智能数字化控制生产线，节省劳动时间，提高生产效率。
- 该生产线可生产二层、三层、四层中空玻璃，大小片(不等片选配)幕墙中空玻璃及异型中空玻璃。
- 生产线设有分段加速功能、板压压力大，玻璃自动定位系统。
- PLC control, touch sensitive screen human-machine interface, operation is more convenient and intuitive.
- The production line can identify coated glass and low-E glass, feeding automatic sheet arrangement (independent transmission).
- Numerical control insulating glass production line, which can save work time and improve production efficiency.
- Produce the Step IG Unit and three Piece IG production according to the customers' different request.
- Specially designed for step insulating glass and Two, three and four layers of insulating glass processing.
- Segmented acceleration, plate pressure maintenance big pressure, automatic positioning system for glass.

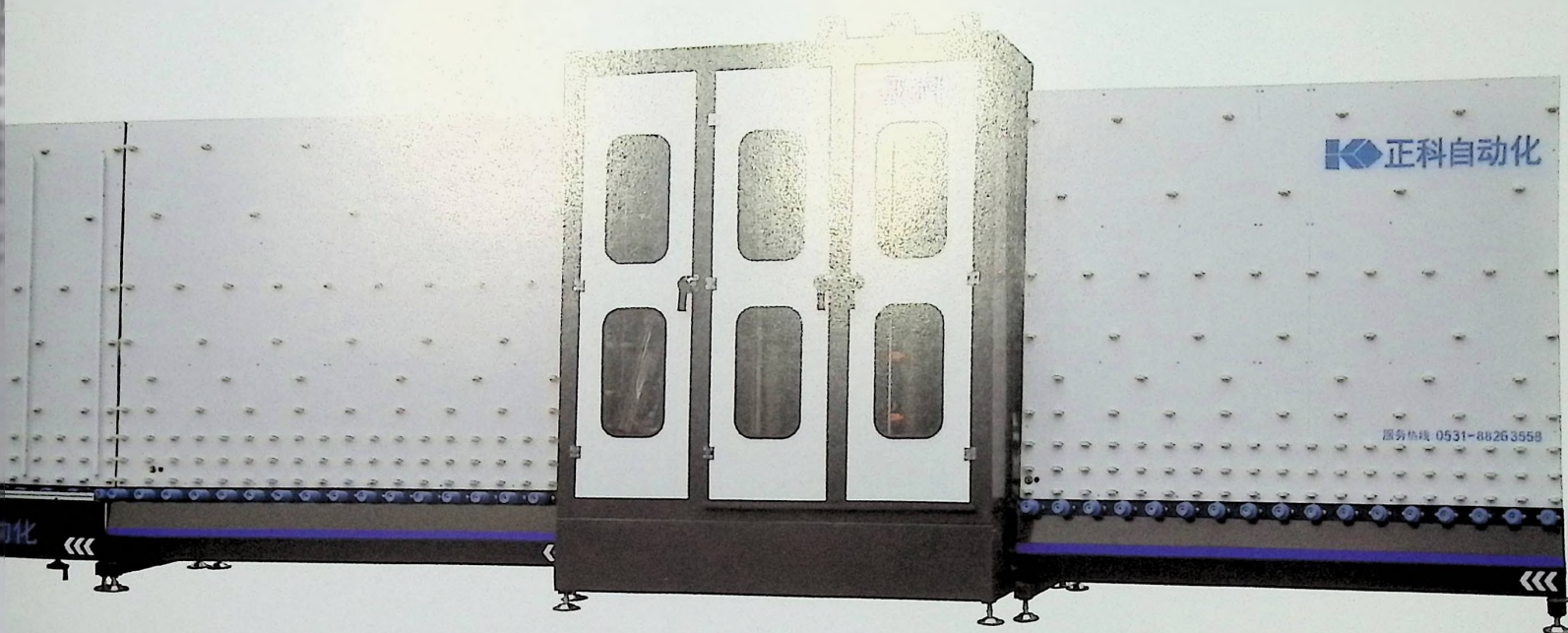


AUTOMATIC INSULATING GLASS FLAT-PRESS PRODUCTION LINE

LB2200B/LB2000B 全自动中空玻璃外合片生产线



型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
LB2200B	380V 50Hz 26KW	0.6~0.8Mpa	2200×3000mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	21000×2600×3250mm
LB2000B	380V 50Hz 25KW	0.6~0.8Mpa	2000×2500mm	280×480mm	3~18mm	≤80mm	0~50m/min	2~15m/min	19800×2600×3050mm



设备特点 EQUIPMENT FEATURES

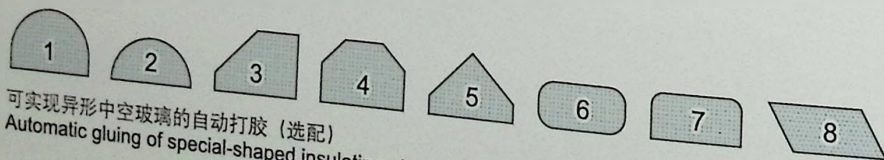
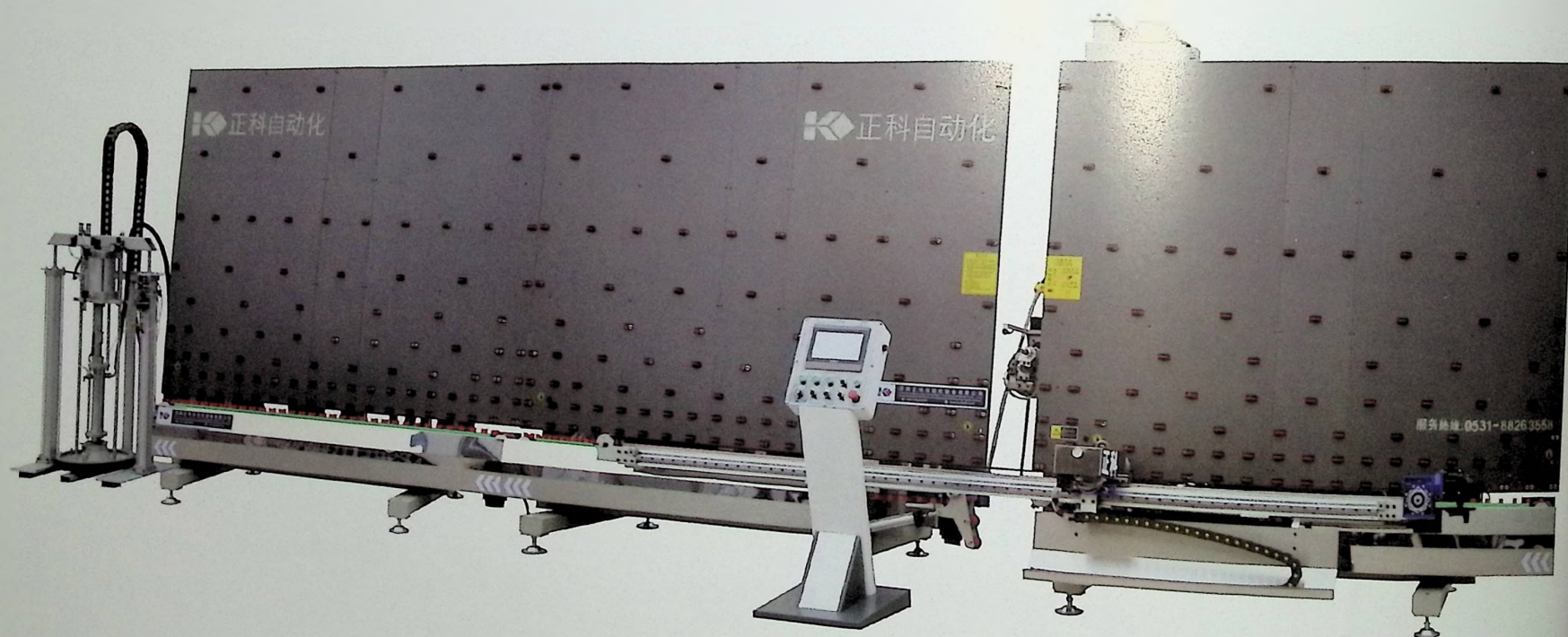
- 全程PLC控制系统，触摸屏人机界面，操作更便捷、直观。
- 生产线可识别镀膜玻璃和LOW-E玻璃。
- 上料自动排片(独立传送)。
- 智能数字化控制生产线，节省劳动时间，提高生产效率。
- 该生产线可生产二层、三层、四层中空玻璃，大小片(不等片选配)幕墙中空玻璃及异型中空玻璃。
- 生产线设有分段加速功能、板压压力大，玻璃自动定位系统。
- PLC control, touch sensitive screen human-machine interface, operation is more convenient and intuitive.
- The production line can identify coated glass and low-E glass.
- Feeding automatic sheet arrangement (independent transmission).
- Numerical control insulating glass production line, which can save work time and improve production efficiency.
- Produce the Step IG Unit and three Piece IG production according to the customers' different request.
- Specially designed for step insulating glass and Two, three and four layers of insulating glass processing.
- Segmented acceleration, plate pressure maintenance big pressure, automatic positioning system for glass.



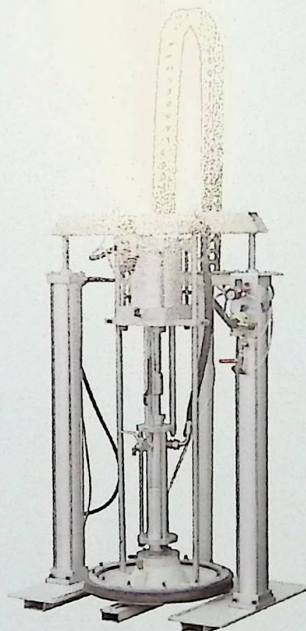
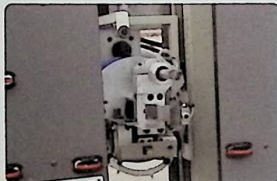
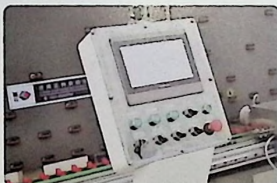
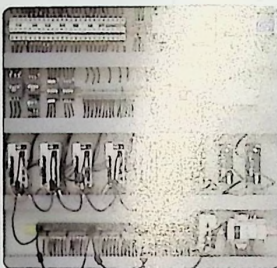
ZDJ2500A/ZDJ2000A

CNC INSULATING GLASS SEALANT COATING LINE

中空玻璃全自动涂胶线



可实现异形中空玻璃的自动打胶 (选配)
Automatic gluing of special-shaped insulating glass (optional)



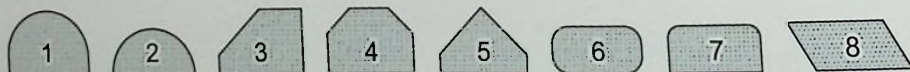
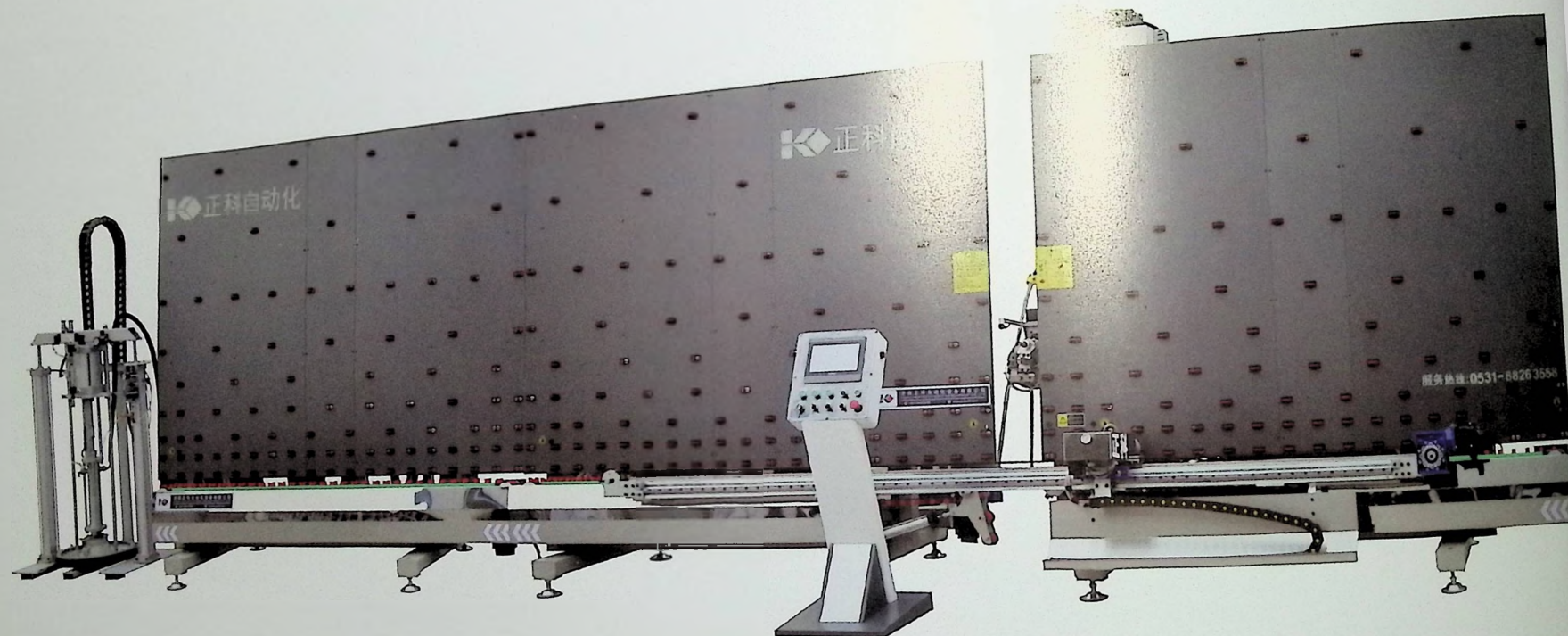
设备特点 EQUIPMENT FEATURES

- 可实现各种尺寸的矩形中空玻璃打胶的连续性，打胶效率高，质量稳定。
- 两套完全独立的供胶系统，两种密封胶可任意切换（选配）。
- 第三段可预存玻璃，加强设备运转的连续性，提高生产效率。
- 经济适用，适合玻璃深加工企业。
- 人机界面Panelmaster友好，傻瓜式操作，操作简洁方便。
- 边部涂胶充实无气泡，角部饱满，无需人工修整。
- 世界知名品牌安川运动控制系统及伺服控制系统，性能稳定。
- 精确的同步带传输系统，确保玻璃运行平稳无污染。
- 独特的胶量自动报警装置。
- 涂胶压力使用松下电脑数控式输出调整。
- 支持异型涂胶，可制作高铁玻璃、圆弧等各种图形（选配）。
- The adhesive continuity of rectangular insulating glass of various sizes can be realized, with high adhesive efficiency and stable quality.
- Two completely independent glue supply systems, two kinds of sealants can be arbitrarily switched (optional).
- The glass can be pre-stored in the third paragraph to strengthen the continuity of equipment operation and improve production efficiency.
- Economic application, suitable for glass deep processing enterprises.
- Human-computer interface Panelmaster friendly, simple and convenient operation.
- The side coating is full without bubbles, and the corner is full without manual trimming.
- World-renowned brand Yaskawa motion control system and servo control system have stable performance.
- Accurate synchronous belt transmission system ensures pollution-free operation of glass.
- Unique automatic alarm device for glue quantity.
- Glue coating pressure are adjusted by Panasonic CNC output.
- Support special-shaped glue coating, which can produce various graphics (optional) of high-speed iron glass, arc, etc.

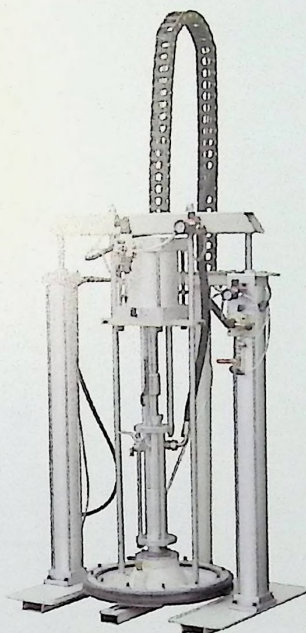
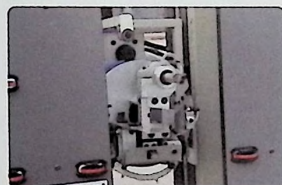
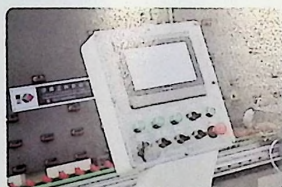
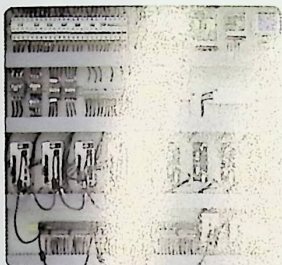
型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min. Glass Size	原片玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	打胶速度 Working Speed	供胶最大压力 Max. Dispensing Pressure	外形尺寸 Overall Dimension
ZDJ2500A	380V 50Hz 13KW	0.5~0.7Mpa	2500×3500mm	280×400mm	3~12mm	≤60mm	5~50m/min	≤30Mpa	11500×4000×3400mm
ZDJ2000A	380V 50Hz 13KW	0.5~0.7Mpa	2000×2500mm	280×400mm	3~12mm	≤60mm	5~50m/min	≤30Mpa	8500×4000×2900mm



ZDJ2500B/ZDJ2000B CNC INSULATING GLASS SEALANT COATING LINE 中空玻璃全自动涂胶线



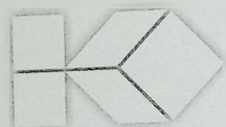
可实现异形中空玻璃的自动打胶 (选配)
Automatic gluing of special-shaped insulating glass (optional)



设备特点 EQUIPMENT FEATURES

- 可实现各种尺寸的矩形中空玻璃打胶的连续性，打胶效率高，质量稳定。
- 两套完全独立的供胶系统，两种密封胶可任意切换（选配）。
- 第三段可预存玻璃，加强设备运转的连续性，提高生产效率。
- 经济适用，适合玻璃深加工企业。
- 人机界面Panelmaster友好，傻瓜式操作，操作简洁方便。
- 边部涂胶充实无气泡，角部饱满，无需人工修整。
- 世界知名品牌安川运动控制系统及伺服控制系统，性能稳定。
- 精确的同步带传系统，确保玻璃运行平稳无污染。
- 独特的胶量自动报警装置。
- 涂胶压力使用松下电脑数控式输出调整。
- 支持异型涂胶，可制作高铁玻璃、圆弧等各种图形（选配）。
- The adhesive continuity of rectangular insulating glass of various sizes can be realized, with high adhesive efficiency and stable quality.
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- Unique automatic alarm device for glue quantity.
- Glue coating pressure are adjusted by Panasonic CNC output.
- Support special-shaped glue coating, which can produce various graphics (optional) of high-speed iron glass, arc, etc.

型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	原片玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	打胶速度 Working Speed	供胶最大压力 Max. Dispensing Pressure	外形尺寸 Overall Dimension
ZDJ2500B	380V 50Hz 13KW	0.5~0.7Mpa	2500×3500mm	280×400mm	3~12mm	≤60mm	5~50m/min	≤30Mpa	11500×4000×3400mm
ZDJ2000B	380V 50Hz 13KW	0.5~0.7Mpa	2000×2500mm	280×400mm	3~12mm	≤60mm	5~50m/min	≤30Mpa	8500×4000×2900mm

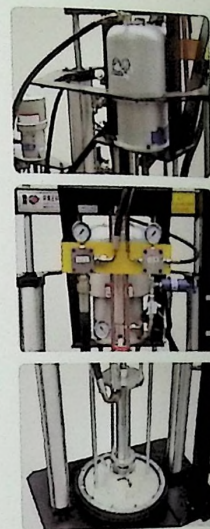
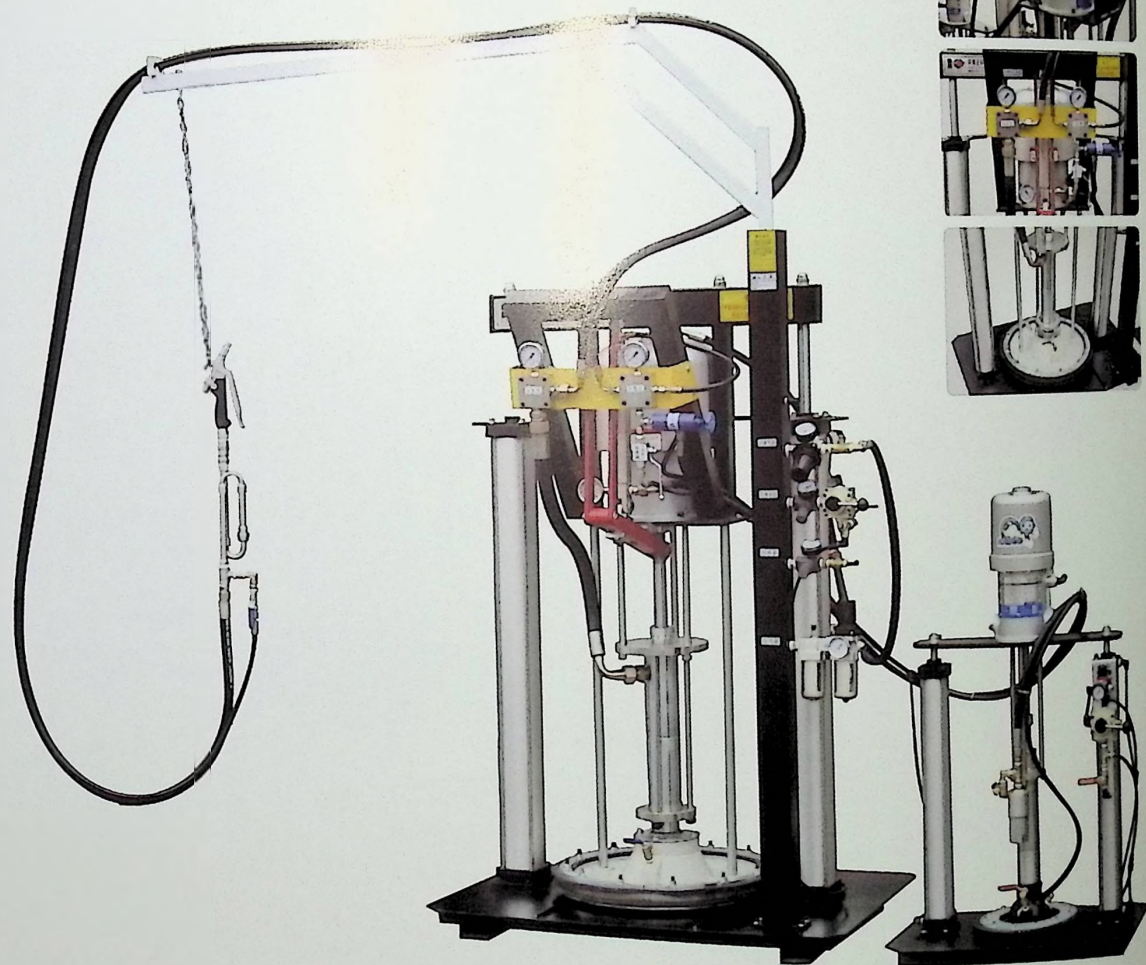


TWO-COMPONENT SEALANT COATING MACHINE

ZKT02 双组份涂胶机

设备特点 EQUIPMENT FEATURES

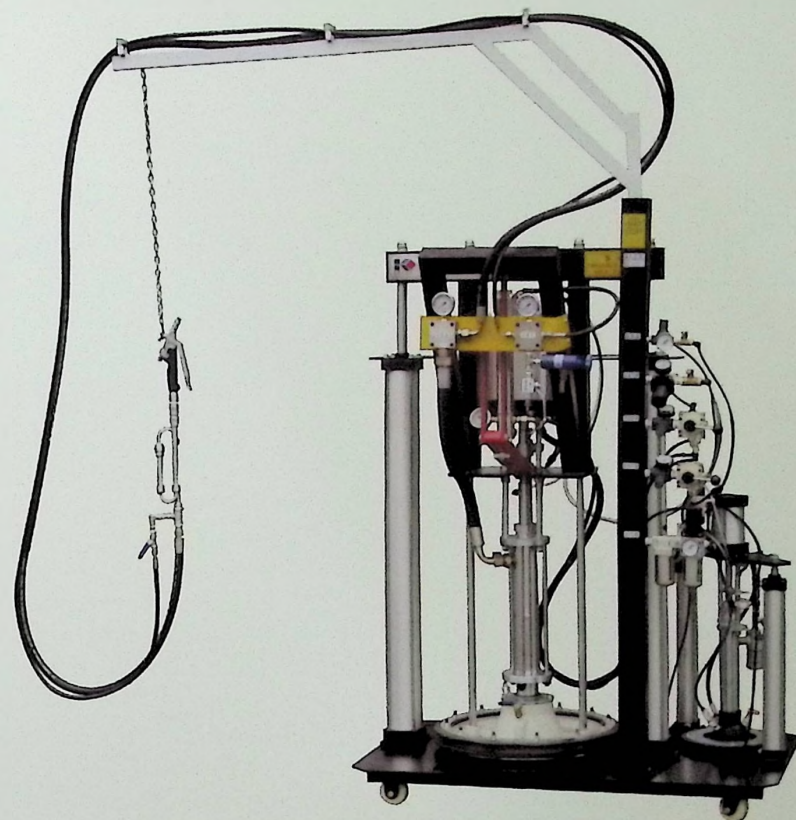
- 主泵采用进口主、副气动马达，平稳驱动。
- 纯气动控制，分体式结构，使用方便，易操作。
- 双组份配比结构无级调整，满足准确的配比要求。
- 采用国际流行的静态往复混合器，混合更均匀。
- 多道过滤装置，杜绝杂质进入泵体。
- 单向阀采用高耐磨材料，换向稳定，设备寿命长。
- 配有安全阀装置，高压自动回流，保障工作安全。
- Low primary pump adopts imported main, pneumatic motor, steady drive.
- Pure pneumatic control, fission type structure, easy to use, easy to operate.
- Stepless adjustment, low ratio of a two-component structure satisfies the requirement of accurate ratio.
- Adopt international popular static reciprocating mixer, mixing more uniform.
- Multichannel filtering device, eliminate impurities into the pump body.
- Check valve adopts high wear-resisting material
- directional stability, equipment long service life.
- Device is equipped with a safety valve, high pressure
- automatic reflux, security work safety



型号 Model	混合比 Mixing Ratio	基料桶 Material Bucket	固化剂桶 Curing Agent Drum	供气压力 Air Pressure	最大耗气量 Max. Air Consumption	挤胶最大工作压力 Max. Dispensing Pressure	出胶量 Output	总重量 Weight	外形尺寸 Overall Dimension
ZKT02	6:1-14:1	55加仑(200L)	5加仑(20L)	0.5-0.8Mpa	0.8M ³ /min	25Mpa	4-10L/min	500kg	1870×600×1750mm

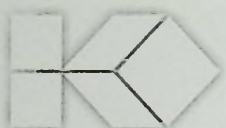


ZKT06 双组份涂胶机
TWO-COMPONENT SEALANT COATING MACHINE

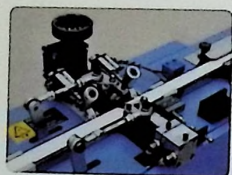


ZKT05 双组份涂胶机
TWO-COMPONENT SEALANT COATING MACHINE

型号 Model	混合比 Mixing Ratio	基料桶 Material Bucket	固化剂桶 Curing Agent Drum	供气压力 Air Pressure	最大耗气量 Max. Air Consumption	挤胶最大工作压力 Max. Dispensing Pressure	出胶量 Output	总重量 Weight	外形尺寸 Overall Dimension
ZKT06	6:1~14:1	55加仑(200L)	5加仑(20L)	0.5~0.8Mpa	0.8M ³ /min	20Mpa	3~7L/min	500kg	1300×800×1700mm
ZKT05	6:1~14:1	55加仑(200L)	5加仑(20L)	0.5~0.8Mpa	0.8M ³ /min	20Mpa	3~7L/min	500kg	1300×800×1700mm



JT05 BUTYL SEALANT COATING MACHINE 丁基胶涂布机



设备特点 EQUIPMENT FEATURES

- 采用先进的高效气动泵系统，使设备压力更加稳定且节能。
- 采用触摸屏人机界面控制系统，操作更加清晰简单。
- 采用变频调速输送系统，使1-5档速度从15-30米/分可选。
- 率先采用先进的自动调胶系统，可在6-18.5mm内任意调整。
- 胶缸采用回转式结构，自由旋转、放胶、维护更加方便。
- 采用大尺寸胶缸，一次的加胶量可达14KG。
- 工作台可升降(选配型)。

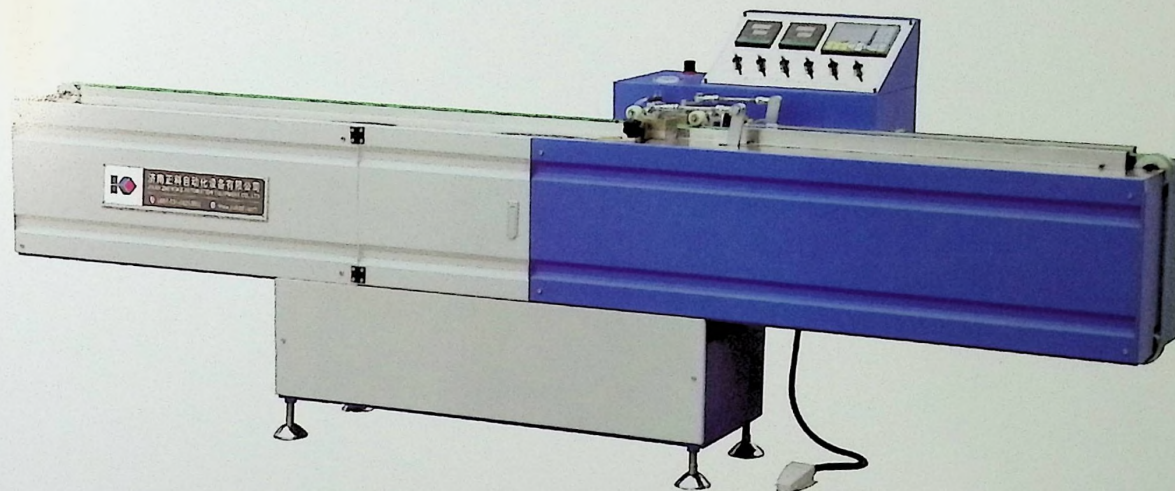
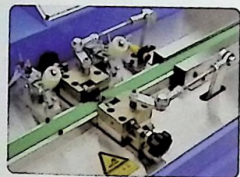
- The use of advanced pneumatic pump system, the pressure to make the device more stable and energy-saving.
- Using touch screen control system, the operation more clear and simple.
- Delivery frequency control system, so that the speed from 1-5 at speed 15-30 m/min optional.
- Pioneered the use of advanced auto-dispensing system can be adjusted within 6-18.5mm.
- Melter using rotary structure, free rotation, glue, maintenance more convenient.
- Large-size plastic cylinder, plus a glue up to 14KG.
- Table can lift (optional type).



JT02

丁基胶涂布机

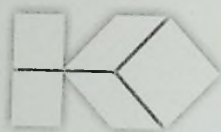
丁基胶涂布机



设备特点 EQUIPMENT FEATURES

- 采用人机界面，便于操作。
- 在设计、选用元气件以及涂胶效果方面，在国内属领先水平。
- 采用PC控制系统，定位、传送、涂胶均自动完成。
- 输送采用电机调速，运行速度平稳。
- 可调定位机构，充分保证涂胶胶头与隔框两侧间距涂胶均匀。
- Man-machine interface is adopted for easy operation.
- PC control system is adopted to automatically complete positioning, transmission and glue coating.
- Motor speed control is adopted for conveying, and the running speed is stable.
- With adjustable positioning mechanism, it can fully ensure that the glue coated head and the two sides of the frame are evenly spaced.

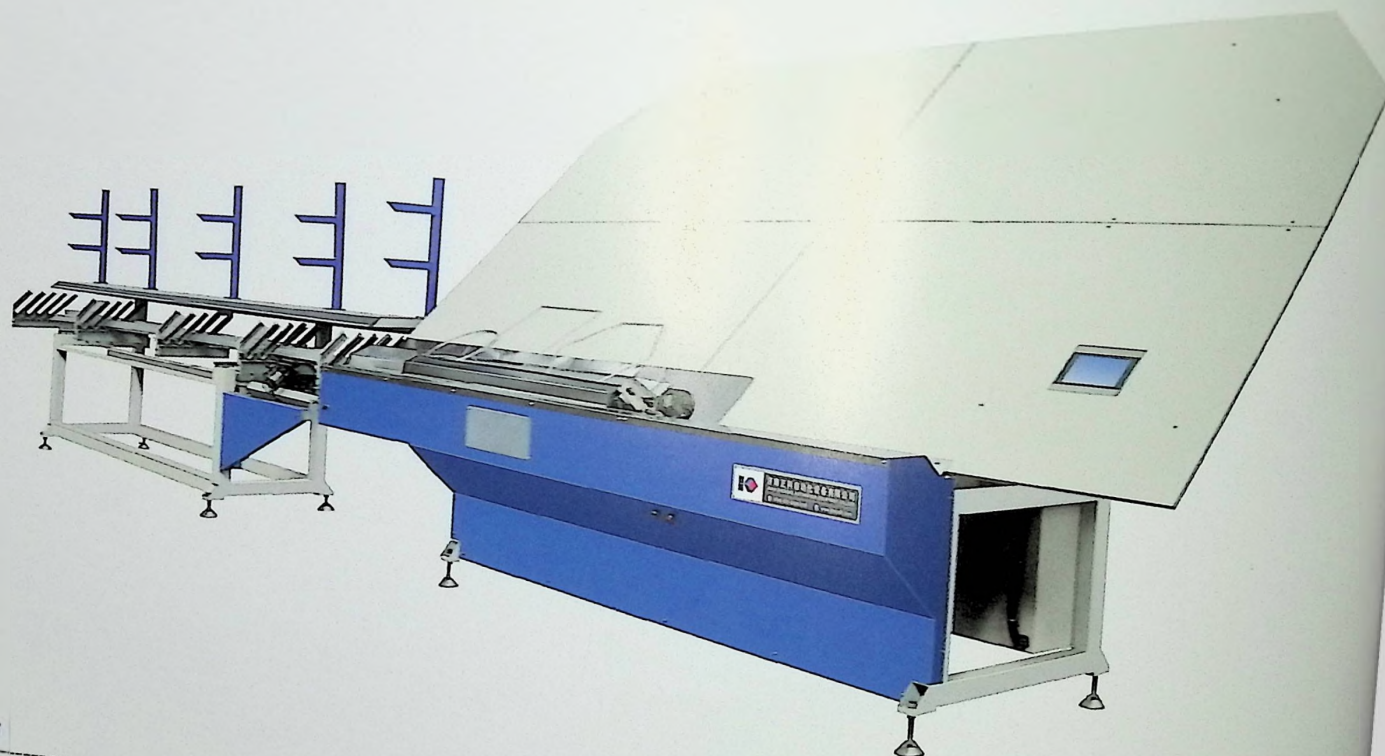
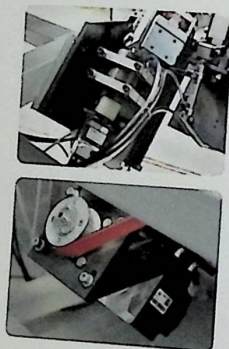
型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	耗气量 Air Consumption	胶头可调整范围 Adjustable Range	打胶温度 Temperature	胶缸直径 Pistons Diameter	打胶速度 Working Speed	挤胶压力 Dispensing Pressure	外形尺寸 Overall Dimension
JT05	380V 50Hz 3.75KW	0.5~0.8Mpa	60L/min	6~18.5mm	110~140℃	φ 200mm	2~45m/min	10~20Mpa	3000×650×1100mm
JT02	380V 50Hz 3.0KW	0.4~0.7Mpa	60L/min	6~18.5mm	110~140℃	φ 190mm	15~30m/min	10~15Mpa	3000×700×1050mm



LZ03/02

AUTOMATIC ALUMINIUM SPACER BENDING MACHINE

全自动铝条折弯机



设备特点 EQUIPMENT FEATURES

- PLC控制系统，人机界面友好，操作方便。
- 伺服控制系统控制进料机构。
- 各种规格任意选取：设有四组尺寸铝条储存单元。
- 支持不同形状连续折弯；大尺寸铝框折弯功能。
- 折弯外侧分开式不锈钢护板。
- 铝条自动焊接功能：铝条焊接接口自动避让。
- PLC control system, friendly interface, easy operation.
- Servo motors control feeding system.
- Any width spacer can be bended. 4 group size magazines of spacer.
- Support different shape continuous bending.
- Big size aluminum frame, bending auxiliary function.
- Bending lateral adopts split stainless steel shield.
- Spacer automatic welding function. Spacer welding place avoiding.

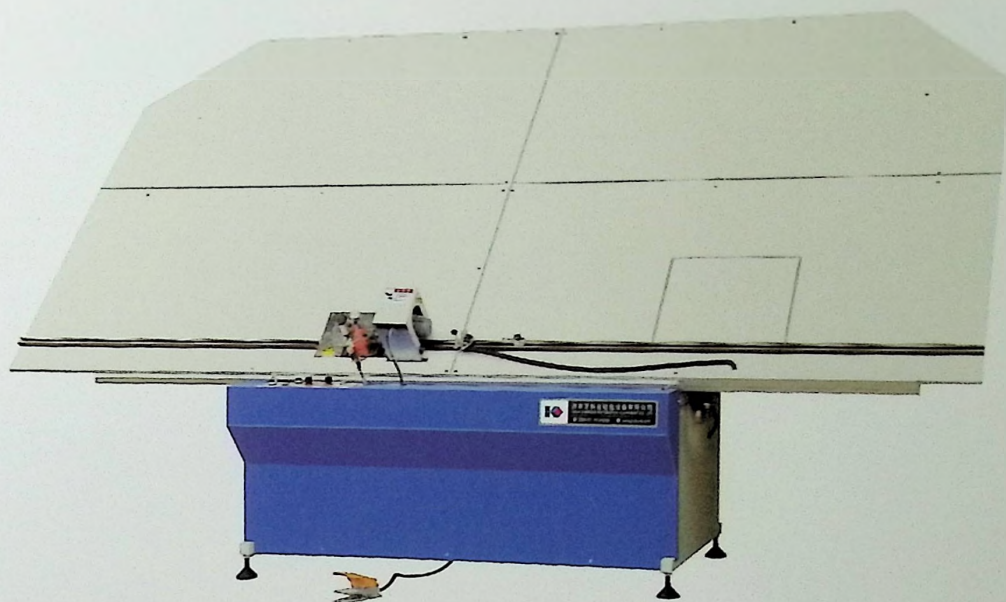
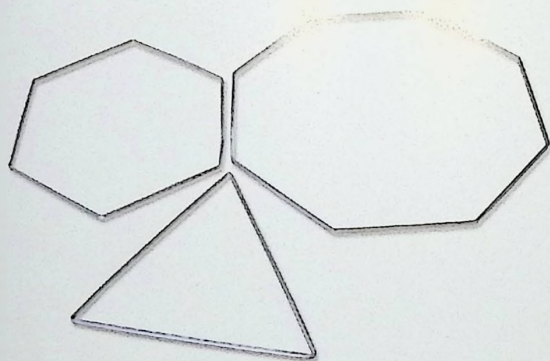
型号 Model	LZ03/02
电源功率 Voltage Power	380V 50Hz 3.5KW
供气压力 Air Pressure	0.4-0.6Mpa
铝条规格 Spacer Specification	5.5-27mm
外形尺寸 Overall Dimension	9800×2100×2600mm



LZ01

ALUMINIUM SPACER BENDING MACHINE

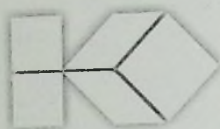
铝条折弯机



设备特点 EQUIPMENT FEATURES

- 本机用于中空玻璃铝间隔条矩形的折弯，解决中空玻璃四个角的主要渗透渠道。
- PLC控制系统，定位可靠，运行平稳，加工铝框范围大。
- 本机配有铝条切割系统，操作方便，工作效率高。
- This machine can complete the whole procedurs automatically, after calculation and manually putting spacer into the machine. Solve the water/air leakage of four angles of insulating glass.
- PLC control, It features easy operation, reliable positioning. steady running and large processing range.
- This machine equipped with cutting system for aluminum bar, convenient operation and high efficiency.

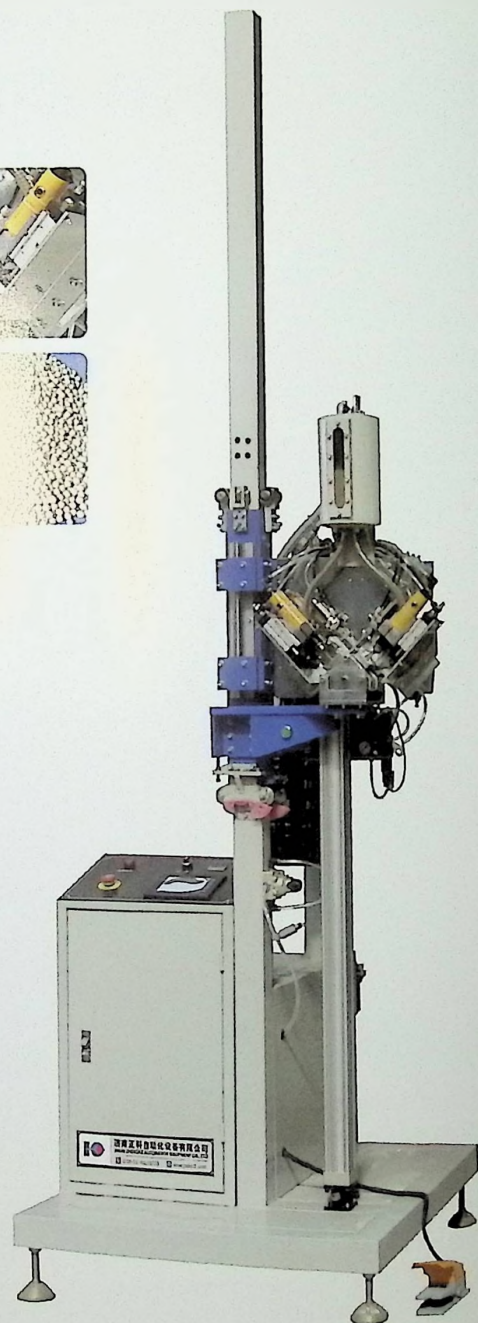
型号 Model	LZ01
电源功率 Voltage Power	380V 50Hz 2.5KW
供气压力 Air Pressure	0.4-0.6Mpa
铝条规格 Spacer Specification	5.5-27mm
外形尺寸 Overall Dimension	4000*2100*2600mm



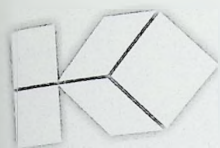
FG03 DESICCANT FILLING MACHINE 全自动分子筛灌装机

设备特点 EQUIPMENT FEATURES

- 本机由PLC控制，在密闭条件下灌装，解决了干燥剂吸水汽失效，提高效率及中空玻璃寿命。
- 是折弯式中空玻璃生产中的必备设备。
- 铝条背面中间打孔、灌装、自动封胶。
- 可灌装自动折弯成形铝框和普通直插角铝框。
- 灌装高度可根据铝框大小调节。
- 独特的先进上料装置，可自动补料。
- Controlled by PLC, filling in confined conditions, solve the problem of steam absorption of the molecular sieve, improve efficiency and life-time of insulating glass. It is necessary equipment for insulating glass.
- Make hole back and middle of the aluminum spacer, filling, and close the hole automatic.
- Used for both spacer frame made by bendable spacer and common aluminum frame with straight connectors.
- Filling height can be adjusted according to the size of aluminum frame.
- Unique and advanced feeding device, automatic feeding



型号Model	FG03
电源功率Voltage Power	220V 50Hz 0.5KW
供气压力Air Pressure	0.6-0.8Mpa
铝条规格Spacer Specification	5.5-27mm
灌装速度Filling Speed	5~10s/个
分子筛直径Desiccant Diameter	≤0.5mm
最小灌装尺寸Min. Filling Speed	250×250mm
最大灌装尺寸Max. Filling Speed	2000×2000mm
外形尺寸Overall Dimension	1050×850×4000mm



VERTICAL GLASS WASHING MACHINE

QX2500A/2000A立式玻璃清洗机



设备特点 EQUIPMENT FEATURES

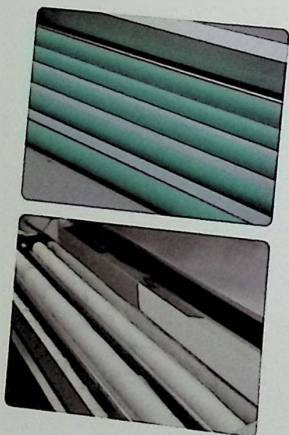
- 可以清洗镀膜玻璃、钢化玻璃、LOW-E玻璃等高档玻璃制品。
- 清洗机采用无油润滑轴承。
- 整机采用立式倾斜机构，传送平稳，关键部分自动检控。
- 该机能够完成如下功能：玻璃传送、玻璃清洗、干燥、检测出料等。
- 清洗机采用不锈钢材料。

- Available for washing coating glass, tempered glass, LOW-E glass etc.
- Washing machine adopts oilless bearing.
- The machine adopts inclined structure, stable conveying, key components automatic detection.
- The equipment could complete functions of: glass conveying, glass washing, drying, testing and discharging etc.
- Washing parts are stainless steel.

型号 Model	电源功率 Voltage Power	供气压力 Air Pressure	最大加工尺寸 Cutting Glass Size	最小加工尺寸 Min Glass Size	清洗玻璃厚度 Glass Thickness	玻璃传送速度 Conveying Speed	玻璃清洗速度 Cleaning Speed	外形尺寸 Overall Dimension
QX2500A	380V 50Hz 24KW	0.6~0.8Mpa	2500×3500mm	280×480mm	3~18mm	0~50m/min	2~15m/min	9700×2700×3550mm
QX2000A	380V 50Hz 21KW	0.6~0.8Mpa	2000×2500mm	280×480mm	3~18mm	0~50m/min	2~15m/min	7700×2600×3050mm



BX1800A/1600A HORIZONTAL GLASS WASHING AND DRYING MACHINE 卧式玻璃清洗干燥机



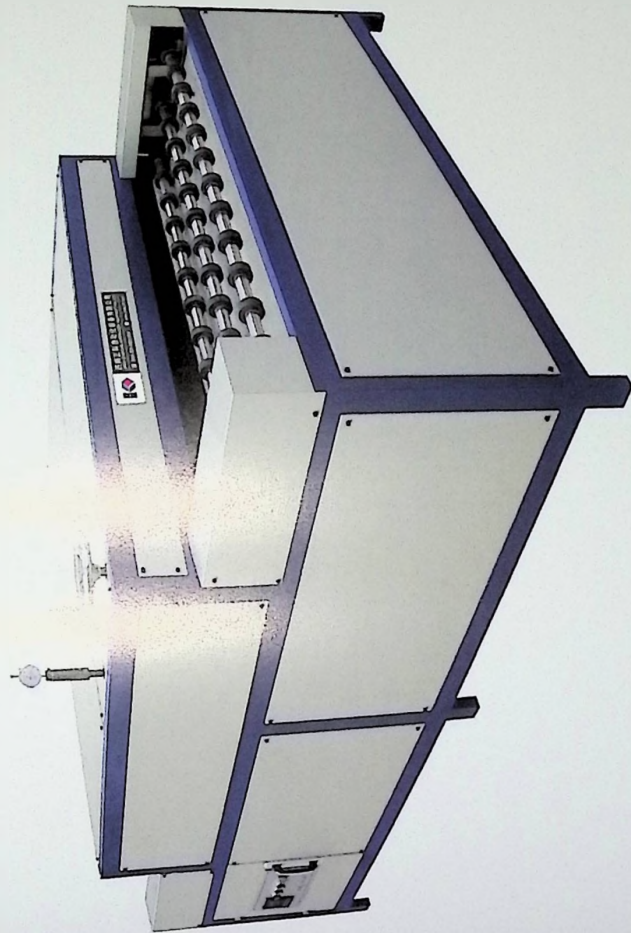
设备特点 EQUIPMENT FEATURES

- 机器平卧结构，玻璃放置在传送辊上。
- 玻璃经过进料段、清洗段、干燥段到达出料段，传送速度根据工艺要求。
- 清洗厚度可在3-12mm内进行调节，方便清洗不同厚度的玻璃。
- 无级调速操作方便，按钮集中工作台，方便操作。
- 2对毛刷，保证清洗质量。两对剂水辊，保证玻璃干燥。

- Supine machine structure, the glass is placed on the conveyor roller.
- Glass after the feed section, washing section, drying section to reach the feed section, the transmission rate according to process requirements.
- The washing thickness can be adjust in 3-12mm scope, it is facilitate for washing glass with different thickness.
- Stepless convenient operation, centralized table button, easy to operate.
- Adopt 2 pairs of brushes, fully guarantees the glass washing effect.



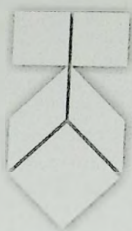
RYW1500A INSULATING GLASS HORIZONTAL HOT PRESS MACHINE 中空玻璃卧式热压机



设备特点 EQUIPMENT FEATURES

- o 采用18根石英灯管加热，热效率高；
- o 2对胶辊压强强度依次递增，厚度公差更小；
- o 按照从输入到输出方向，采用梯度压合方式，压合效果更佳；
- o 具备瞬时加热功能；可实现手动调整无级调整。
- o Adopts 18 quartz for heating, the thermal efficiency is very high.
- o Compressing intensity of 2 pairs glue rollers of increase, and the tolerance of thickness becomes smaller.
- o Adopts the gradient press way according to the direction from inputs to the output section, the press fits effect is very good.
- o Adopts the instantaneous heating function.
- o Can realize manual adjustment stepless adjustment.

型号 Model	电源功率 Voltage Power	最大加工尺寸 Max. Cutting Glass Size	最小加工尺寸 Min Glass Size	原片玻璃厚度 Glass Thickness	中空玻璃最大厚度 Insulating Glass Thickness	清洗(运行)速度 Washing(working) Speed	外形尺寸 Overall Dimension
BX1800A	380V 50Hz 10.5KW	1800×3000mm	420×420mm	3~12mm		5~12m/min	2600×2300×1100mm
BX1600A	380V 50Hz 9.5KW	1600×3000mm	420×420mm	3~12mm		5~12m/min	2400×2100×1100mm
RYW1500A	380V 50Hz 20KW	1500×2000mm	420×420mm	3~12mm	≤50mm	0.5~12m/min	2500×1900×1200mm

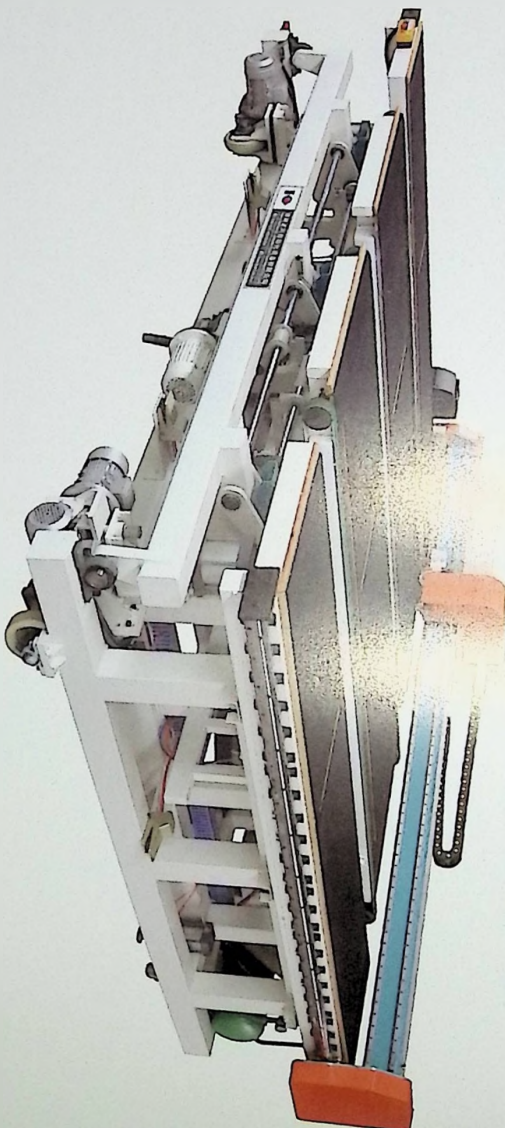


DAAGC3826/2621 AUTOMATIC GLASS CUTTING UPPER PIECE MACHINE 全自动玻璃切割上片一体机

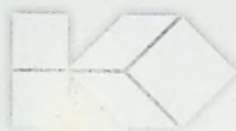


设备特点 EQUIPMENT FEATURES

- 本机集上片、输送、切割、掰片等功能于一体，集成度高。
- 采用最新一代的控制系统，切割速度快，切割质量高，具有自动激光定位，图形扫描，自动贴标等一系列最新功能。
- 采用知名品牌电气及气动元件，保证机器长期稳定运行。
- 德国进口玻勒高硬度刀轮，刀头装有保护装置防止撞刀。
- 带有内部气泵与进气源过滤装置，保证了切割总成稳定有效的高速切割，大大降低了故障率。
- The machine integrates the functions of upper chip, conveying, cutting and splitting, and has a high degree of integration.
- Using the latest generation of control system, cutting speed is fast, cutting quality is high, with automatic laser positioning, graphic scanning, automatic labeling and other latest functions.
- Use well-known brand electrical and pneumatic components to ensure long-term stable operation of the machine.
- Germany imported borer high hardness knife wheel, knife head equipped with protective device to prevent colliding knife.
- Equipped with internal air pump and inlet air source filter device, the cutting assembly ensures stable and effective high-speed cutting, greatly reducing the failure rate.



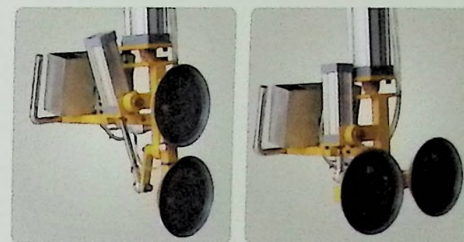
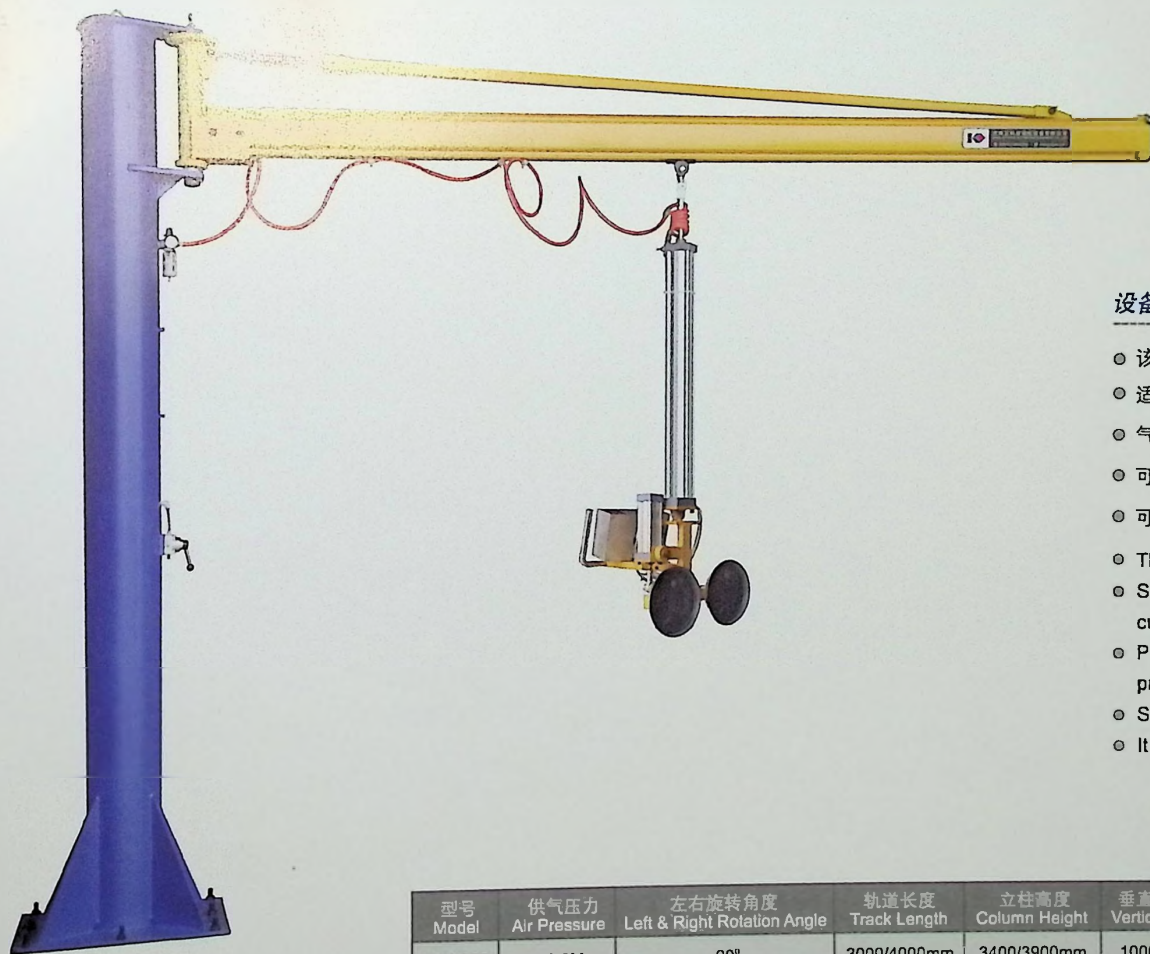
型号 Model	电源功率 Voltage Power	最大玻璃上片尺寸 Max. Glass upper piece size	玻璃上片厚度 Glass upper piece thickness	切割速度 Cutting speed	自动贴标功能 Labeling function	自动输送功能 Delivery function	上片臂数量 Qty upper piece arm	外形尺寸 Overall dimension
DAAGC3826	380V 50Hz 6KW	2500*3700mm	3-19mm	0-190m/min	有 (可选)	有 (可选)	3个	3250*4400*1400mm
DAAGC2621	380V 50Hz 6KW	2500*2000mm	3-19mm	0-190m/min	有 (可选)	有 (可选)	3个	2850*3000*1400mm



XPL-300

GLASS SUCTION CRANE MACHINE

玻璃吸吊机



设备特点 EQUIPMENT FEATURES

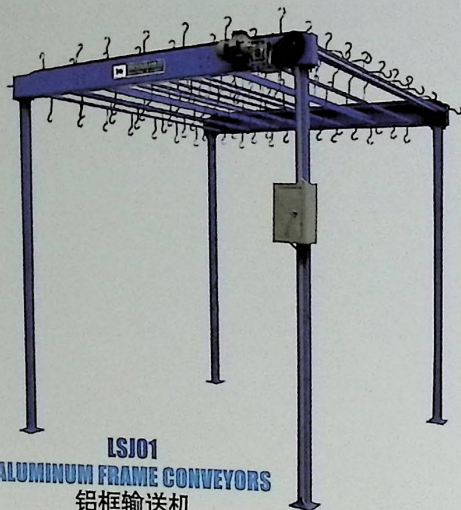
- 该机是搬运玻璃的理想专用设备。
- 适用搬运中空玻璃、钢化玻璃、玻璃幕墙等各类玻璃。
- 气动元件采用台湾亚德客，质量稳定、压力为0.6-0.8Mpa。
- 可以适用于300℃以下的高温玻璃的搬运。
- 可实现玻璃的0-90°、0-180°翻转搬运、0-360°旋转搬运。
- The best equipment glass machine used for handling glass.
- Suitable for moving insulating glass, tempered glass, glass curtain wall, construction of glass deep processing etc..
- Pneumatic components adopt Taiwan AIRTAC, stable quality, pneumatic pressure is 0.6-0.8Mpa.
- Suitable for high-temperature (below 300℃) glass.
- It can turn the glass 0-90°, 0-180°, 0-360°.

型号 Model	供气压力 Air Pressure	左右旋转角度 Left & Right Rotation Angle	轨道长度 Track Length	立柱高度 Column Height	垂直升降 Vertical Lift	吸盘个数 Sucking Disc Number	操作方式 Mode of Operation	滑动方式 Sliding Mode
XPJ-300	0.5~0.8Mpa	90°	3000/4000mm	3400/3900mm	1000mm	2 / 4 / 6个	手控开关阀	手动

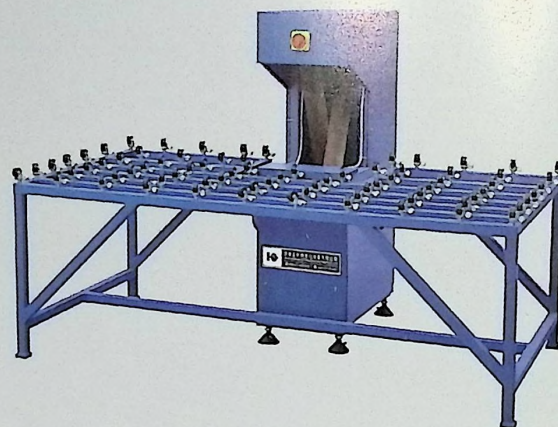


AUXILIARY MACHINE FOR INSULATING GLASS

中空玻璃辅助设备



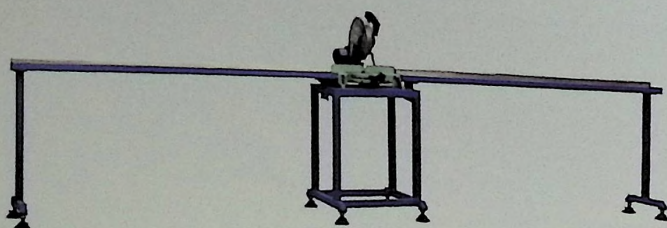
LSJ01
ALUMINUM FRAME CONVEYORS
铝框输送机



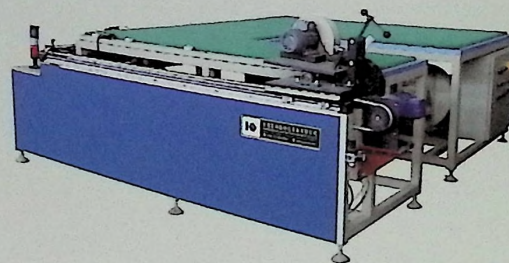
BMB01
GLASS EDGE GRINDING MACHINE
玻璃磨边机



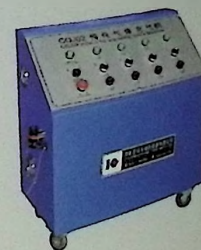
XZT03
ROTATING SEALANT COATING TABLE
旋转涂胶台



LQJ01
ALUMINUM SPACER BAR CUTTING MACHINE
铝条切割机



LOW-E
GLASS MEMBRANE REMOVAL MACHINE
玻璃除膜机



ZCJ01
INSULATING GLASS AERATOR
中空玻璃充气机



PRODUCTION LINE CONFIGURATION SCHEME

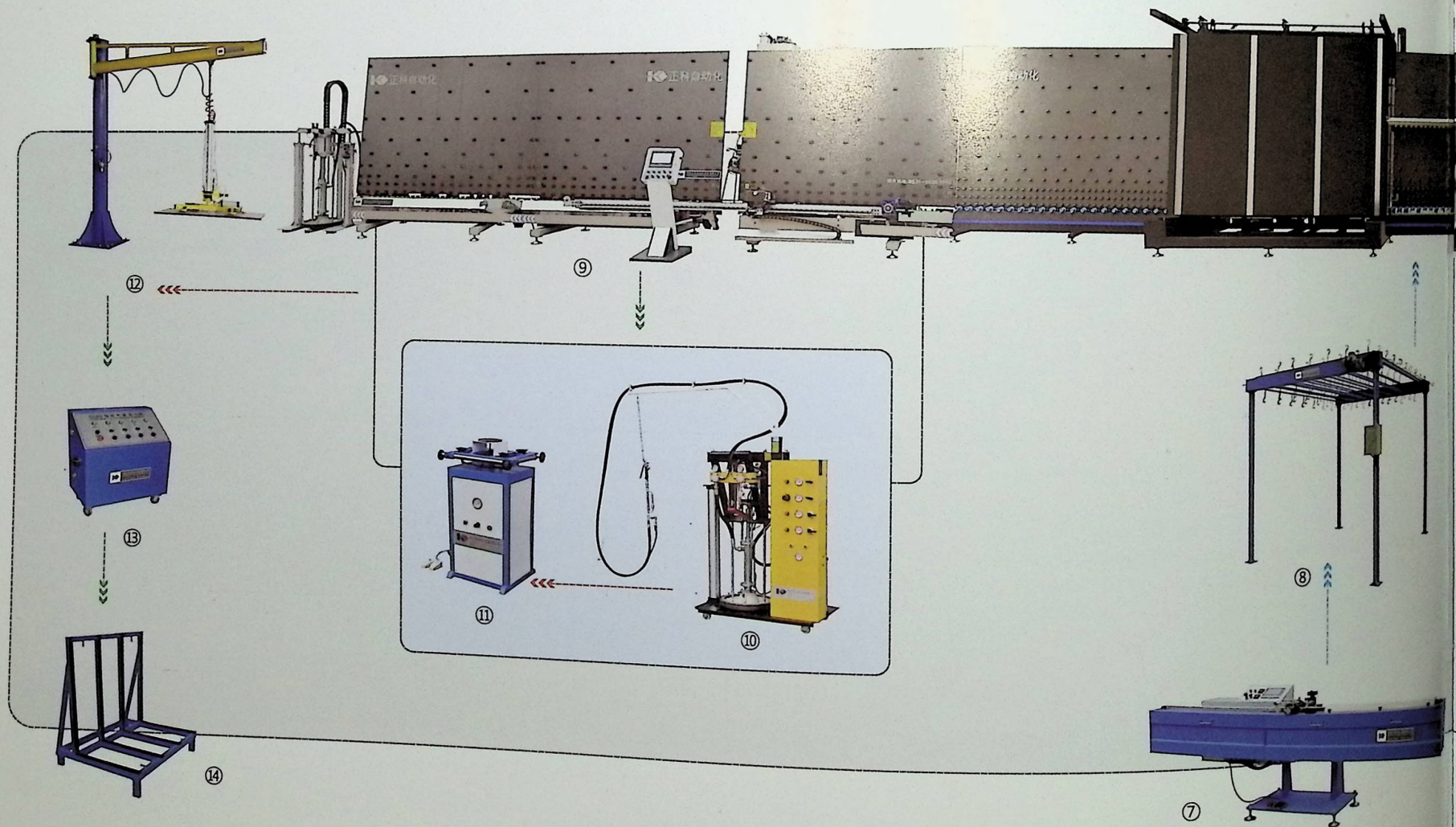
生产线配置方案

【 配置方案Configuration						
贵宾		联系人Contact Person				
序号No.		产品名称Name	单位Unit	数量Qty	单价Unit Price	说明Description
备注 Remark						
最大加工尺寸Max. Glass Size		所需厂房面积Workshop Area				
销售顾问Sales Representative		联系方式Contact Info			日期Date	



INSULATING GLASS PRODUCTION FLOW CHART

ZHENGKE 中空玻璃生产流程图





本手册产品外型改进。技术更新恕不通知。产品以实物为准。
This manual product appearance improvement, technical update without notice, products in kind prevail.



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