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格拉斯

智能化玻璃深加工设备供应商

CNC GLASS PROCESSING MACHINES & SERVICES

格拉斯智能科技(山东)有限公司
GLASS (SHANDONG) INTELLIGENT TECHNOLOGY CO., LTD.



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智能化玻璃深加工设备供应商

CNC GLASS PROCESSING MACHINES & SERVICES



格拉斯智能科技（山东）有限公司成立于 2020 年，坐落于拥有“国际花园城市”美称的山东齐河县 - 威力产业园，是一家专注于玻璃加工设备研发与制作的高端智能化优质企业。公司拥有专业的销售、维护、以及一支扎根 CNC 研发十余年的高水平工程师队伍，致力于为满足不同用户需求而设计和研发更为高效、更为智能、更为先进的玻璃加工设备。当前，公司产品已远销海内外，广泛应用于玻璃扶梯、玻璃幕墙、家居玻璃等领域，已成为国内较为领先的玻璃加工设备主流供应商之一。

随着自动化技术、计算机技术、信息管理技术等相关领域技术的快速发展，“工业 4.0”战略的提出也向我们行业提出了新的发展方向。如何实现智能技术与装备制造的深度集成与融合，满足更多用户需求将会是我们公司的一贯目标。

我们秉承铸就民族品牌、为中国制造争光的企业愿景，坚持严格把关产品质量，为满足不同行业的加工要求，提供高科技产品和精准服务。通过不断革新技术方案，现已设计出多款适合不同用户的产品销往世界各地，成为中国 CNC 玻璃加工中心的专业制造者。公司产品主要包括立式数控玻璃钻铣机、数控玻璃三轴加工中心、数控玻璃五轴加工中心、数控玻璃刻花机、立式加工中心以及立式钻孔机，均已通过 CE 认证。公司始终秉承工匠精神，匠心智造，为玻璃深加工行业提供最优解决方案和技术支持，让玻璃深加工生产变得更便捷、更智能、更先进！

Glass Intelligent Technology (Shandong) Co., Ltd. established in 2020 and is located in Weili Industrial Park, Qihe County, Shandong Province, which reputed of "International Garden City". It is a high-tech enterprise focusing on CNC glass processing machines. We have a professional sales team, service team, and a high-level engineers team with more than 10-years experienced on CNC development, aim to design more efficient and intelligent machine to meet different demands. At present, our products have been sold well at home and abroad, products widely used in glass escalators, glass curtain walls, home decoration glass and so on, has become a mature glass processing machine manufacturer.

With the rapid development of automation and computer technology, information management technology, the "Industry 4.0" strategy has also proposed a new development direction for us. How to realize the deep integration of intelligent technology and machine manufacturing to meet more customers' needs is our consistent goal.

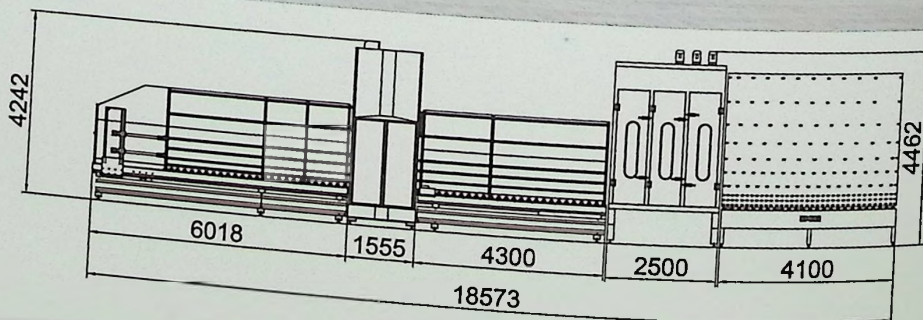
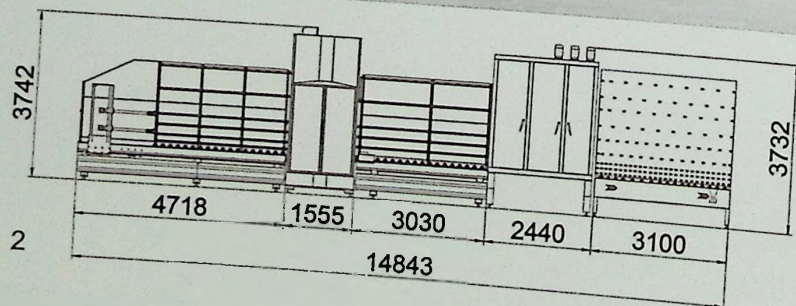
We adhere to the corporate vision of creating a national brand, we strictly control product quality and provide high-tech products and precise services to meet different requirements. Through continuous innovation of technical solutions, we have sold variety of products to all over the world and become a professional CNC glass processing centers manufacturer in China. Our main products are vertical CNC glass drilling and milling machine, CNC glass 3 axis machining center, CNC glass 5 axis machining center, CNC glass engraving machine, vertical working center, vertical drilling machines and etc., all products are CE approved. We adheres to the spirit of craftsmanship, provides solutions and technical support for glass deep processing enterprises, makes glass deep processing production more convenient, intelligent and advanced!



智能化玻璃深加工设备供应商
CNC GLASS PROCESSING MACHINES & SERVICES

GC-LDM 立式数控玻璃钻铣机

GC-LDM CNC Vertical Glass Drilling and Milling Machine



性能特点 Main Feature

1. GC-LDM采用了先进的日本三菱数控系统，实现各个进给轴连续轮廓轨迹控制、精准高速定位、多任务并发作业等功能。
2. 低压电器采用法国施耐德，可靠性高。
3. EasyCAM系列软件由具有丰富行业经验的工程师团队研发，针对不同生产需求主要分为两个版本。EasyCAM-Model操作简单、容易上手，在界面内我们设计了50余个常用图形样式。而EasyCAM-DXF的图形样式更为广泛，可以实现更为复杂的加工，在使用中，通过条码枪扫码可以完成加工图形的自动定位和程序生成，也为实现更高效、更优化、更安全的市场需求提供了有效方案。
4. 本机床的整机采用有限元分析软件，经过多次迭代，获得最优结构，避开加工频率段，在有效工作范围内得到稳定的精度保证。
5. GC-LDM配有两个专业电主轴厂家配套的电主轴，其输出功率为7.5kW，最大转速12000rpm。

1. GC-LDM adopts the advanced Japanese Mitsubishi numerical control system to realize the functions of continuous contour trajectory control of each feed axis, precise high-speed positioning, multi-task concurrent operation and so on.
2. The low-voltage electrical appliances adopt the French Schneider brand, with high reliability.
3. EasyCAM series software is developed by a team of engineers with rich industry experience. It is mainly divided into two versions according to different production needs. EasyCAM-Model is simple to operate. We have designed more than 50 common graphic styles in the interface. EasyCAM-DXF has a wider range of graphics styles and can achieve more complex processing. In use, the automatic positioning and program generation of processing graphics can be completed by scanning the barcode with a barcode gun, which provides an effective solution for achieving more efficient, more optimized and safer market demand.
4. The host structure of this machine tool adopt finite element analysis software. After several iterative analysis then obtain optimal structure, the natural frequency of the host machine avoids the processing frequency band then obtains a stable accuracy guarantee within the effective working range.
5. GC-LDM is equipped with two electric spindles matched by professional electric spindle manufacturers, with an output power of 7.5kW and a maximum speed of 12000rpm.

主要技术参数 (Main Technique Parameter)

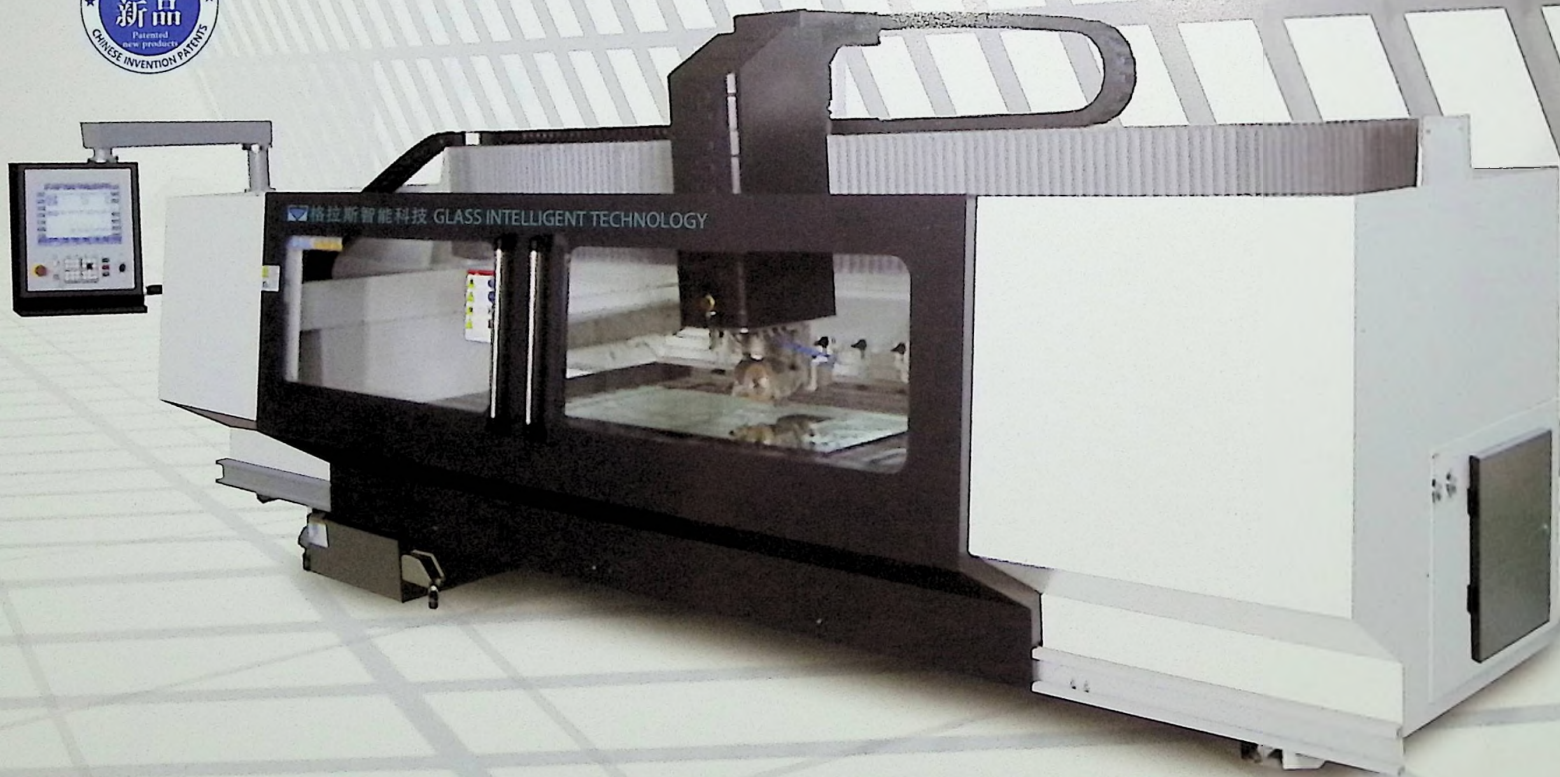
产品型号 Product model	最大加工尺寸 Max.glass size	最小加工尺寸 Min Glass Size	主轴转速 Speed of Spindle	总功率 Total Power	机器尺寸 L × W × H Dimension	
GC-LDM-2030 GC-LDM-2542 GC-LDM-3060	2000*3000mm 2500*4200mm 3000*6000mm	500 × 500mm	0-12000rpm	22KW	9300*2500*3700mm 11700*2500*4200mm 15300 × 2500 × 4700mm	
玻璃厚度 Glass Thickness	主轴功率 Spindle Power	用电标准 Electricity	刀库 Tool Positions	轴数 No.of Axis	刀柄 Tool Coner	压缩空气 Air compression
5-25mm	7.5KW*2	3P 380V/50HZ	8 × 2	5 axis	BT30	0.7Mpa





智能化玻璃深加工设备供应商

CNC GLASS PROCESSING MACHINES & SERVICES



GC-BKH- II 数控玻璃刻花机

GC-BKH- II CNC GLASS ENGRAVING MACHINE

平板玻璃 / 镜子表面刻花、抛光的优秀方案。

加工装饰玻璃, 家具玻璃, 艺术玻璃的首选数控设备。

Excellent solution for engraving and polishing of flat glass / mirror surface.

Perfect Choice of CNC Machine to process Furniture Glass, Decoration Glas, Art Glass.

性能特点 MAIN FEATURE:

1.GC-BKH- II 是一台专业从事平板玻璃刻花作业的高技术含量的加工中心, 能够直接导入 CAD 图形, 自动生成优化刀具路径, 完美加工;

2.GC-BKH- II 采用了日本三菱控制系统, 实现各轴的动态管理和速度精准控制, 保证了加工精度及加工质量。

1.GM-BKH- II is a high-tech machining center specializing in flat glass engraving operations. It can also transfer the CAD drawing directly, and create optimized tool route for perfect processing.

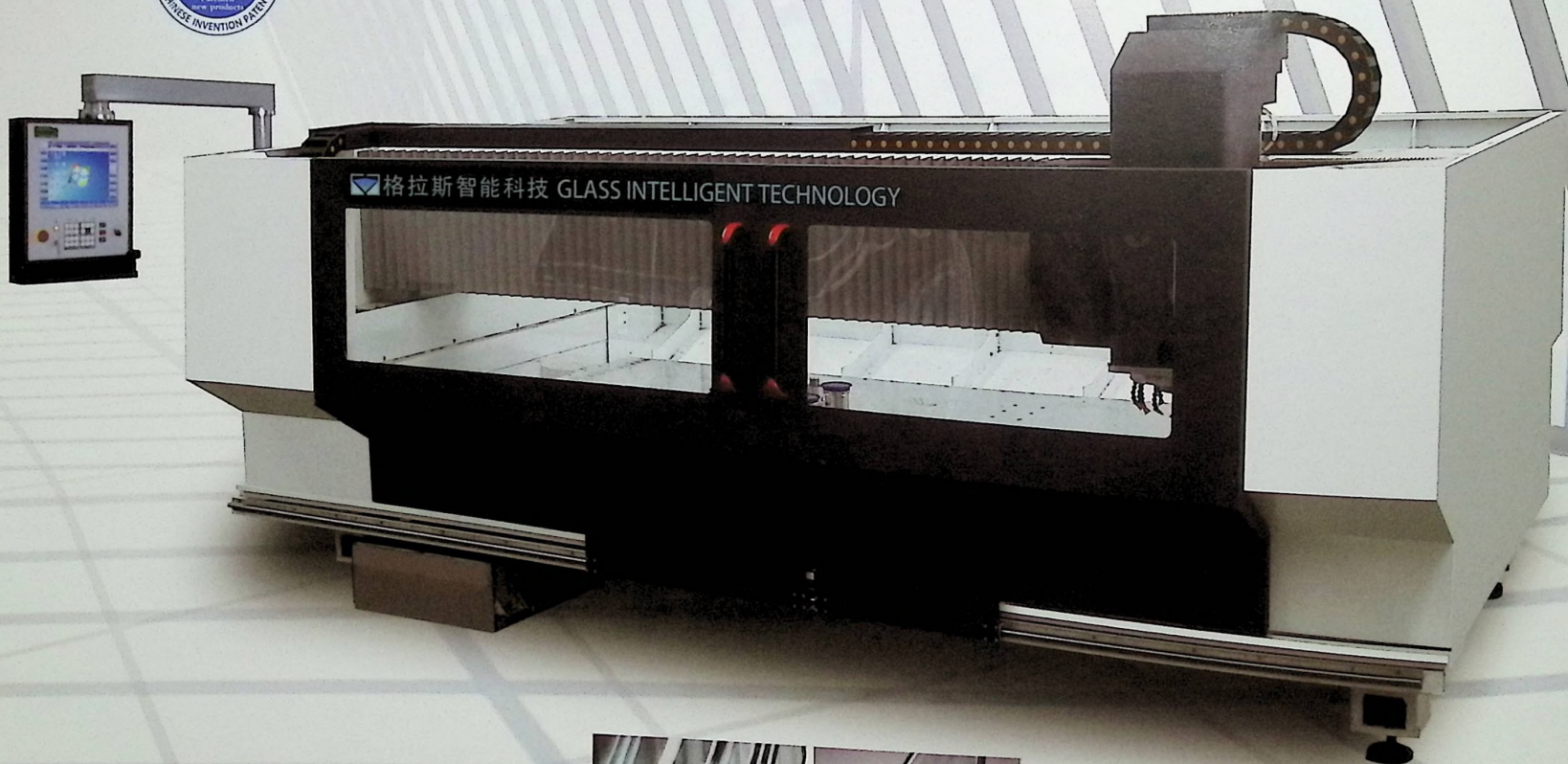
2.GM-BKH- II adopts advanced JAPAN MITSUBISHI control system to achieve dynamic management of each axis, which precisely controls its speed to meet the high demand of complicated design and quality.

主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大加工尺寸 Max. glass size	最小加工尺寸 Min Glass Size	主轴转速 Speed of Spindle	总功率 Total Power	机器尺寸 L × W × H Dimension	
GC-BKH- II	1200*2400mm 1500*3000mm 1900*3000mm	250 × 250mm	0-6000rpm	17KW	5765*2750*1800mm 6350*3150*1800mm 6750 × 3150 × 1800mm	
玻璃厚度 Glass Thickness	主轴功率 Spindle Power	用电标准 Electricity	刀库 Tool Positions	轴数 No of Axis	刀柄 Tool Coner	压缩空气 Air compression
3-30mm	3.7KW	3P 380V/50HZ	12 × 1	5 axis/5 axis	BT30	0.7Mpa
滚珠丝杠精度 Ball Screw Precision	X 轴运行速度 X Axis Speed	Y 轴运行速度 Y Axis Speed	Z 轴运行速度 Z Axis Speed	重量 Weight	/	/
±0.05mm	0-40/min	0-40/min	0-20/min	5000KG	/	/



智能化玻璃深加工设备供应商
CNC GLASS PROCESSING MACHINES & SERVICES



GC-CNC- II 数控玻璃加工中心 / GC-CNC- II CNC GLASS WORKING CENTER

1. 凭借 15 年的研究经验和客户反馈, 该机的可靠性、耐用性和自动化程度达到国内市场的最高水平。2. 完美解决方案: 外圆磨边, 抛光; 钻、铣、篆刻、刻花 (可选功能) 的优秀方案。
3. 加工汽车玻璃, 家具玻璃 / 镜子, 家电玻璃, 各种玻璃, 各种数控设备。

1. With 15 years experience of research and feedback, the machine's reliability, durability and automation of the machine reach the highest level among domestic market. 2. Perfect Solution to External and Inner Grinding, Polishing, Milling, Drilling, writing and Engraving (optional). 3. Perfect choice of CNC machine to process Auto-glass, Furniture glass/Mirror, Appliance glass, Decorative glass and Architectural glass.

性能特点 MAIN FEATURE:

1. GC-CNC- II 是一台高技术含量的加工中心, 可以在短时间内完成复杂的加工过程并达到高品质要求; 2. GC-CNC- II 采用了日本三菱控制系统, 实现各轴的动态管理和速度精准控制, 保证了加工精度及加工质量; 3. GC-CNC- II 自动补偿功能, 能够在加工过程中补偿抛光轮损耗量, 从而保证加工质量; 4. 软件 EasyCAM for DXF 由专业的格拉斯软件工程师团队开发, 操作简单。可以支持 CAD 图形; 自动生成优化刀具路径, 完美加工; 5. 十二个自动换刀刀位, 一个刀柄可以安装塔轮, 减少换刀次数。

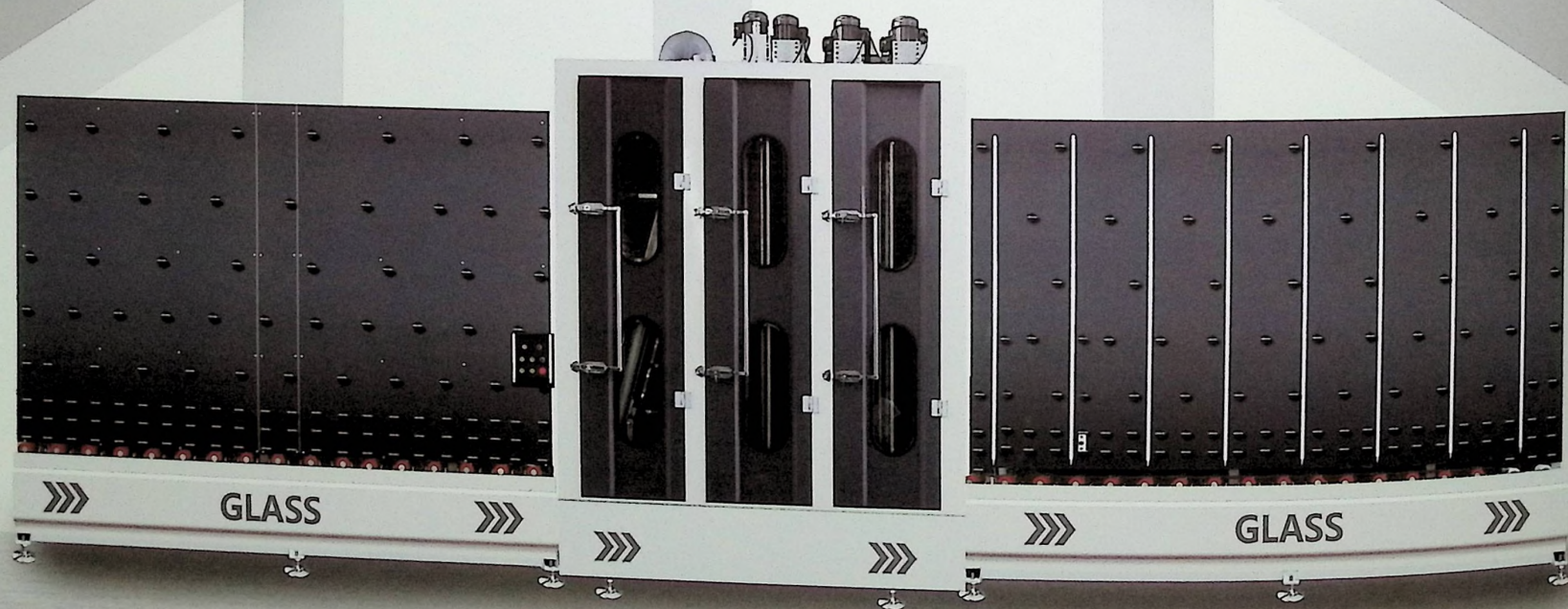
1. GC-CNC- II is a high-tech machining center, which can complete complex machining processes in a short time and meet high-quality requirements; 2. GC-CNC- II adopts Japan's Mitsubishi control system to realize dynamic management of each axis and precise speed control, ensuring machining accuracy and machining quality; 3. The GC-CNC- II automatic compensation function can compensate the loss of the polishing wheel during the processing, so as to ensure the processing quality; 4. The software EasyCAM for DXF is developed by a team of professional Glass software engineers and is easy to operate. Can support CAD graphics; automatically generate optimized toolpaths, perfect processing; 5. Twelve automatic tool changing positions, one tool holder can be installed with a tower wheel, reducing the number of tool changes.

主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大加工尺寸 Max. glass size	最小加工尺寸 Min Glass Size	主轴转速 Speed of Spindle	总功率 Total Power	机器尺寸 L × W × H Dimension	
GC-CNC- II	1200*2400mm 1500*3000mm 1900*3000mm	250 × 250mm	0~12000rpm	17KW	5765*2750*1800mm 6350*3150*1800mm 6750 × 3150 × 1800mm	
玻璃厚度 Glass Thickness	主轴功率 Spindle Power	用电标准 Electricity	刀库 Tool Positions	轴数 No. of Axis	刀柄 Tool Coner	压缩空气 Air compression
5-30mm	13KW	3P 380V/50HZ	12 × 1	4 axis/5 axis	BT40	0.7Mpa
滚珠丝杠精度 Ball Screw Precision	X 轴运行速度 X Axis Speed	Y 轴运行速度 Y Axis Speed	Z 轴运行速度 Z Axis Speed	重量 Weight	/	/
± 0.05mm	0-40/min	0-40/min	0-20/min	5000KG	/	/



智能化玻璃深加工设备供应商
CNC GLASS PROCESSING MACHINES & SERVICES



LQ2000/2200/2500/3000 立式玻璃清洗干燥机

LQ2000/2200/2500/3000 Vertical Automatic Glass Washing And Drying Machine

性能特点 Main Feature

- 1.清洗机全部采用不锈钢材料，无油润滑轴承。
- 2.清洗机风刀根据玻璃厚度自动调整。
- 3.自动识别镀膜玻璃和Low-E玻璃的膜层面。
- 4.可清洗在线和离线镀膜玻璃和Low-E 玻璃。
- 5.采用间断式工作方式。
- 6.毛刷根据玻璃厚度可自动调整。

- 1.All washing parts are stainless steel,oil-free lubrication bearing.
2. The air knife can be auto-adjusted according to glass thickness.
- 3.Auto-detection the film of coating glass and Low-E glass.
- 4.Can wash on/off coating glass and Low-E glass.
- 5.Adopts discontinuity working way.
- 6The brush can be auto-adjusted according to glass thickness.

主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大玻璃尺寸 mm Max.glass size	Low-E	风刀自动调节 Auto-adjust air knife	设备尺寸 L×W×H Dimension mm	毛刷自动调节 Auto-adjust brush	翻转台 Overturning platform	备注 Remarks
LQ2000	2000×3000	√	选装 optional	8700×2600×3100	选装 optional	选装 optional	
LQ2200	2200×3000	√	选装 optional	8700×2800×3450	选装 optional	选装 optional	
LQ2500	2500×4200	√	选装 optional	11100×2800×3450	选装 optional	选装 optional	
LQ3000	3000×6000	√	选装 optional	14700×3000×4250	选装 optional	√	

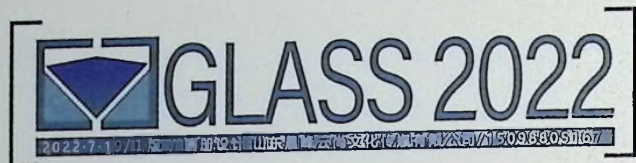


工艺流程图 Technological Process



【 配置方案 Configuration 】

贵宾单位 VIP				联系人 Contact Person			
序号 No.	型号 Model	产品名称 Name		单位 Unit	数量 Qty	单价 Unit price	说明 Description
合计 Total							
最大加工尺寸 Max.glass size		所需厂房面积 Workshop Area		设备占地 Machine layout			
销售顾问 Sales Representative		联系方式 Contact Info		日期 Date			
沟通备忘录 Communication memo							



产品以实物为准,厂家保留随时对设备更新之权利,如有改动,恕不另行通知!
Please refer to the real products. The company reserves the right of
changing the equipments at any time. No notice for the change

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