



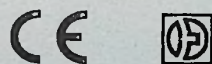
® WEILI INTELLIGENCE
 威力智能 | 专业中空玻璃设备制造商
 PROFESSIONAL INSULATING GLASS MACHINE MANUFACTURER

WGM 威力智能 格拉斯智能

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



柴延常：15688843347



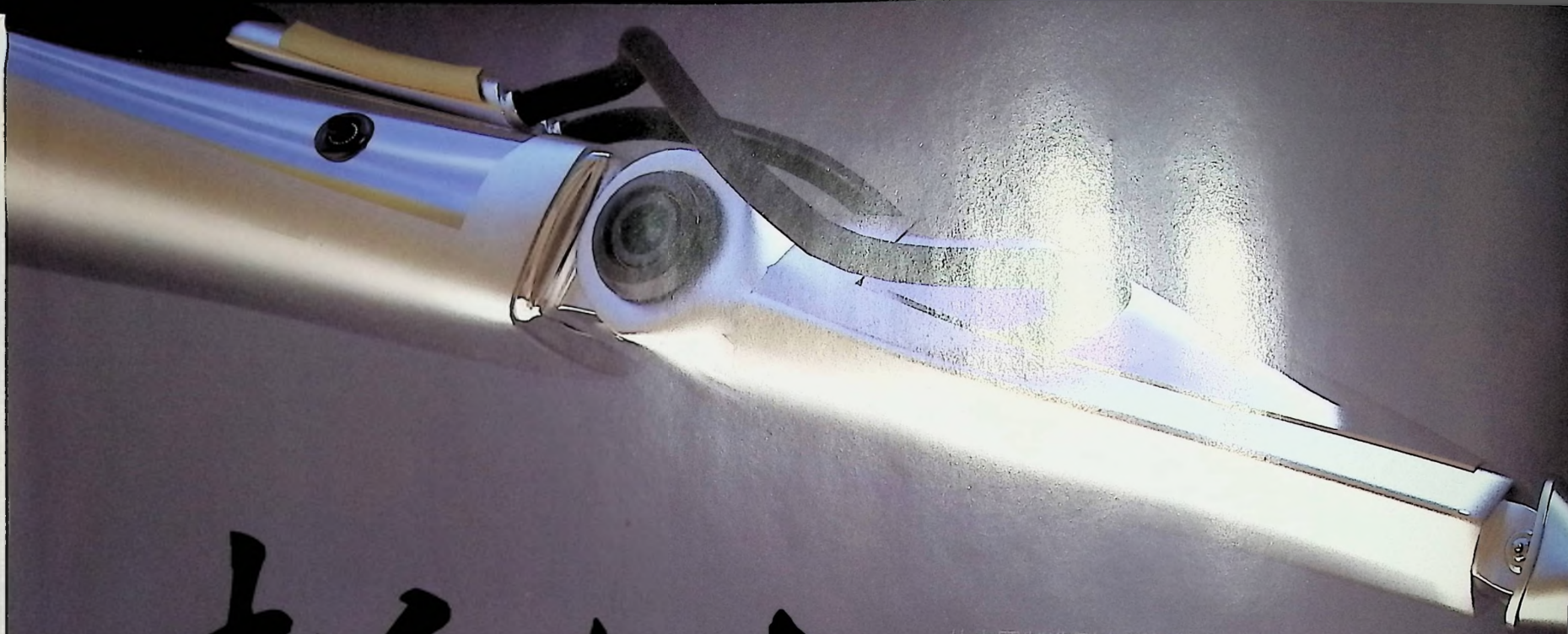
通过欧盟CE认证 ISO9001:2015认证

威力（山东）智能科技有限公司
 WEILI (SHANDONG) INTELLIGENT TECHNOLOGY CO., LTD.



SINCE 2001

奋进23年启航



超越

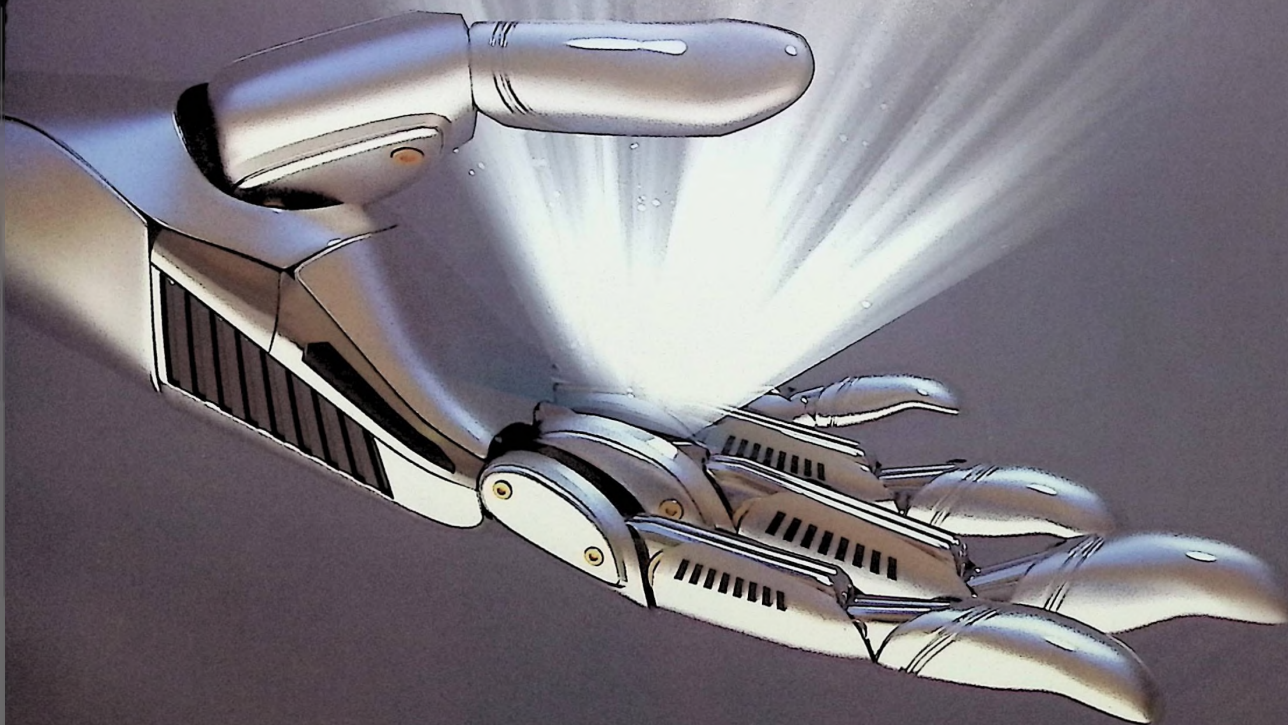
Transcend
WEILI INTELLIGENCE

从中国制造到中国智能制造，
从威力机器到威力智能，
威力人一直致力于玻璃幕墙行业全自动生产线的研制开发
带您进入工业4.0新时代！
From Made in China to Made with Wisdom.
From WeiLi Machine to WeiLi Intelligence.
WEILI is still committed to design and develop the
automatic production line of glass and curtain wall
industry, bringing everyone to go into 4.0 new times.

WELL INTELLIGENCE

合力智能 专业中空玻璃设备制造商

WELL INSULATING GLASS MACHINE MANUFACTURER





威力集团产业园

Industrial Park Of Weili Group



23年
威力智能

59800m²
占地面积

158+
企业员工

58+
中高级技术
人才

18+
全球销售
团队

28+
服务工程师

威力智能

威力(山东)智能科技发展有限公司(原济南威力机器有限公司)服务于中国建筑玻璃与玻璃工业行业,专
门制造节能门窗、幕墙中空玻璃成套加工生产线及玻璃深加工设备。公司在玻璃机械设备制造业中,以其专
业、可靠、诚信经营模式,已迅速成长为行业的领航者:正努力创造一个让全球玻璃行业尊敬的品牌。不断创新,
潜心研发行业尖端技术,提升行业整体水平,让中国成熟的高端中空玻璃设备走向国际、并得到国际用户认可,
是每一位威力人工作的终极使命。

公司自成立以来,以技术创新、服务至诚、力求完美的企业理念,制造出大量符合中国国情质量一流
的中空玻璃加工设备,产品已遍布全国各地并远销欧美、中东、非洲、东南亚等十几个国家和地区。

威力机器已得到国内外客户的广泛认同和厚爱!

本公司具有自营进出口权,产品已通过欧盟 CE 认证!

WEILI INTELLIGENCE→

Weili (Shandong) Intelligent Technology Co., Ltd. is the member of China Glass Machinery Equipment Committee and the National Insulated Glass Committee. The company is in the service of construction glass and glass-use industries. It specializes in insulated glass production line that is used in energy-saving door-window and curtain wall, and glass deep-processing equipment. Holding the concept of "Specialization, Expertise, High-end and Top", Weili has rapidly grown into one of the leaders in the glass processing machinery manufacturing business. We are now engaging in creating a respectable brand in the world's glass industry. Constantly making innovation, absorbing in surmounting high-end technical difficulty, promoting the industry level, making China mature high quality insulating glass machinery widely accepted by international customer, it is the mission of Weili people.

Since the company established, it holds the concept of innovation with technology, sincere service, being honest and reliable, it produced large quantities of first-class insulated glass processing equipments. The products sell well at home and abroad, and some were exported to the countries in Europe, Africa, Middle east and Southeast Asia.

Weili Machine is widely accepted by customers from home and abroad.

Our company is registered for exporting and importing business. Our all products are CE approved.

WEILI МАШИНЫ→

Цзинаньское ТОО машины «Вэйли» является членом организацией китайского комитета стеклянного механического оборудования, членом организацией китайского комитета стеклопакета, заданным предприятием шаньдунского построения оборудования иллюминатора двери, служит отраслям китайского построения стекла и стеклянной промышленности. Специально производить зеленые иллюминаторы двери, комплексные линии выработки стеклопакета для шторы и оборудования переработки стекла.

Соборования компания вырабатывает большинство высококачественных оборудованиях выработки стеклопакета, соответственных китайскому положению, на основе идеалов предприятия технического новаторства, искреннего обслуживания, деловитости и уравновешенности, продукции уже распространены во всем мире и проданы в Европе, Америки, Юго-восточной Азии и других десяти странах и районах.

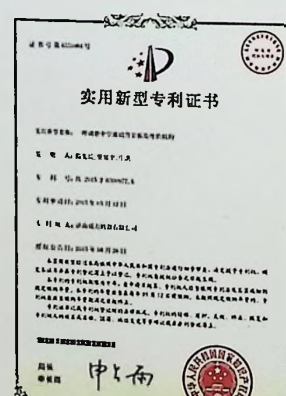
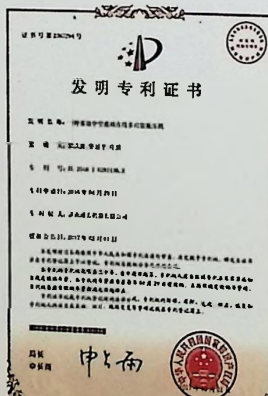
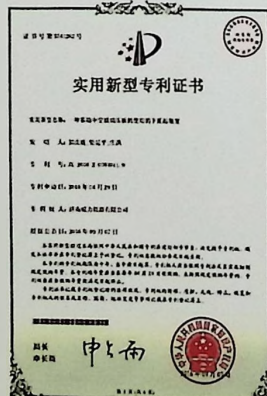
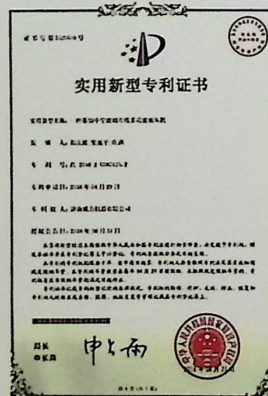
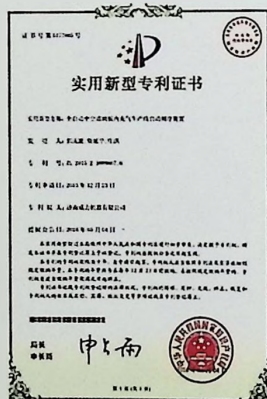
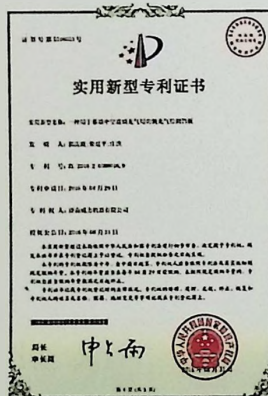
Оборудования «Вэйли» пользуются расположением и признанием китайских и зарубежных клиентов!

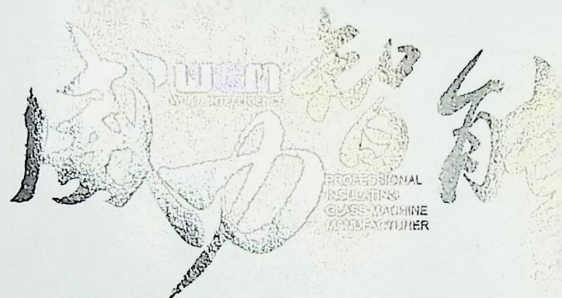
品牌

Brand
WEILI INTELLIGENCE

为社会创造财富，为客户创造价值，为员工创造机遇。
品质追求，行业典范，质量规范方式的缔造者。
厚德载物，助人利己；海纳百川，成就品牌！

[获得ISO9001:2015质量管理体系认证，十几项国家专利证书...]





我们的宗旨:

用户所急, 想用户所想, 一切为了用户, 让所有用户满意!

TENET OF OUR COMPANY:

What the customer worries, think what the customer thinks; do everything for the customers, to all customers' satisfaction!



100%

产品出厂合格率

Quality objective pass rate of exiting product

99%

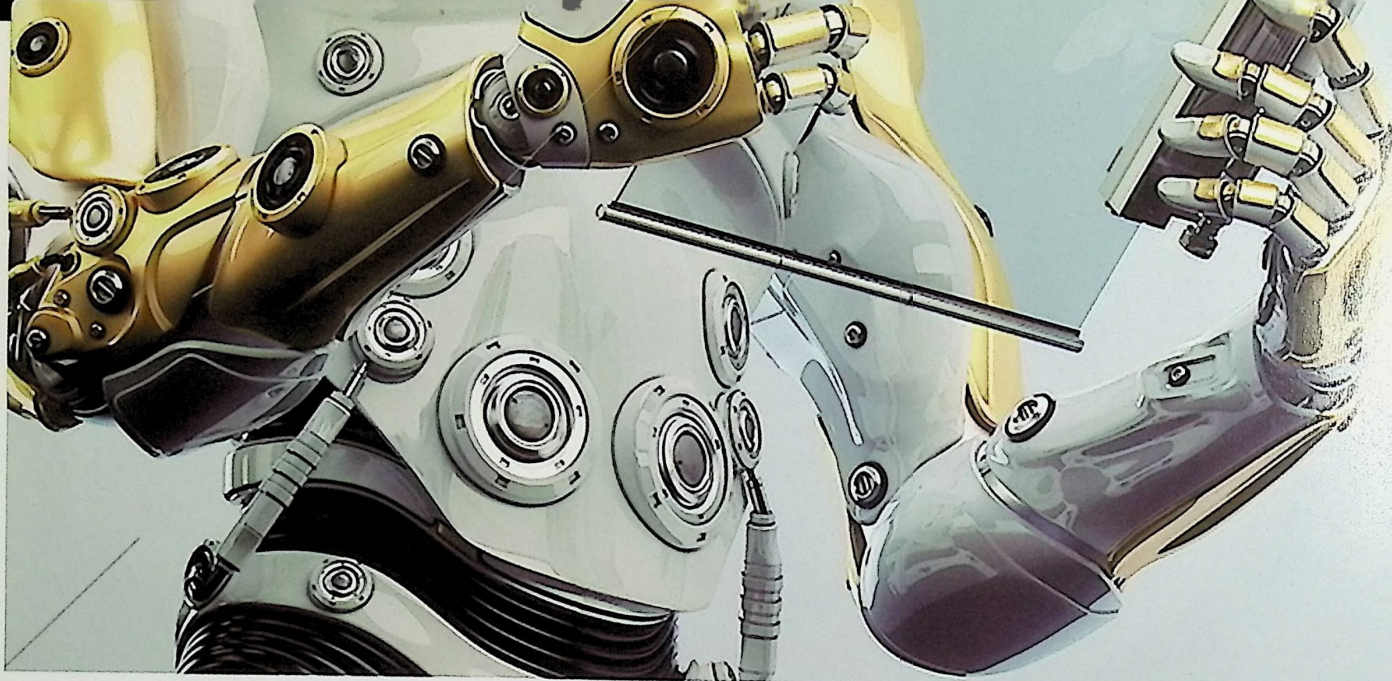
客户满意率高于

Customers'satisfaction is more than

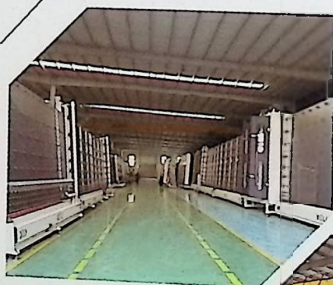
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客户投诉率

Customers'complaint is less than

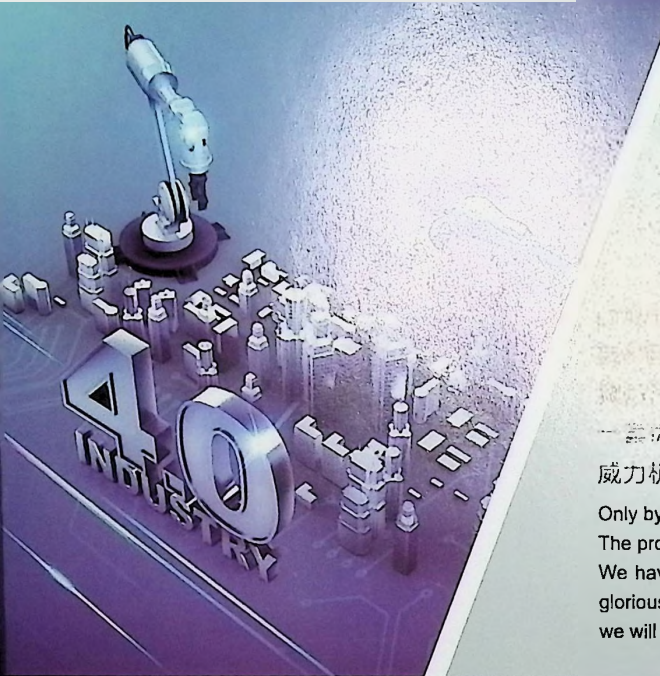


管理
Management
WEILI MACHINE CO., LTD



超越的管理塑造卓越品质，
让客户因拥有威力设备而变得更加轻松、高效

Exceeding management create eminent quality
Make the customer to work more easily and efficiently
because of using Weili Machine



销售 誉满全球

The globally reputed sales

只有才能谋求更大的发展，威力机器拥有一支高素质的国内外市场营销队伍。
产品遍布全球，远销欧洲并远销欧美、中东、非洲、东南亚等几十个国家和地区。
威力机器已成为全球知名的机械生产商之一。
一支优秀的营销体系铸就了我们现在的辉煌业绩，但我们不骄傲、
威力机器正向着更高的目标而奋进。

Only by dominating the market can an enterprise seek for further development. With a high-quality domestic and overseas marketing team.
The products sell well at home and abroad, and some were exported to the countries in Europe, Africa, Middle east and Southeast Asia.
We have already become one of the well-known glass machinery manufactures. It is a favorable marketing system that helps us make glorious achievements. However, we will never be arrogant and never stop. Weili people are striving on the way to reach higher goals.



创新

创新，发展之道

Innovation, the way to sustainable development!

以创新思维来设计开发产品，
带给每位客户高效、安全的智能设备。

We design and develop new products with innovative thoughts to bring high-efficiency, safe and intellectual machines for every customer.

高效、节能、全自动 中空玻璃全自动生产线

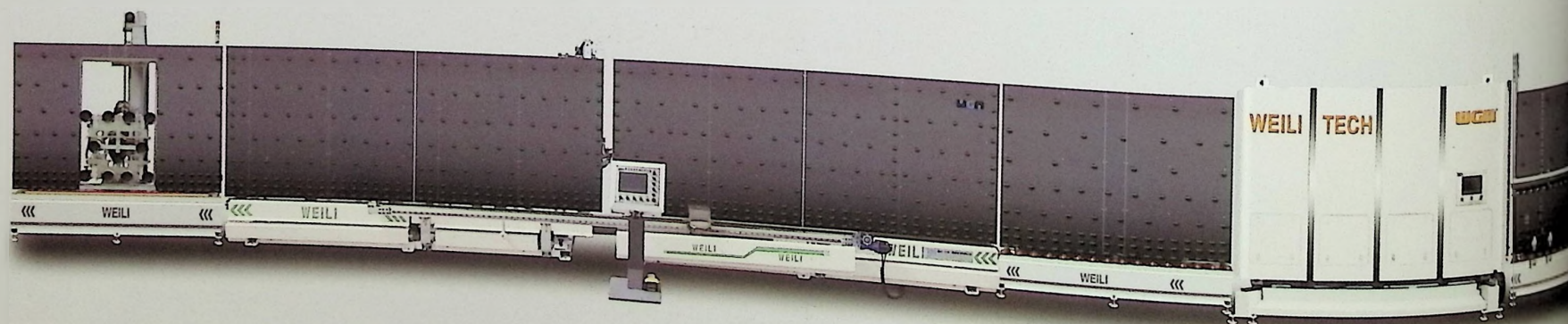
Automatic high-efficiency and energy-saving insulating glass production line

全自动下片机

Automatic Unloading Machine

←全自动中空玻璃密封胶线

Automatic Insulating Glass Sealant Sealing Line



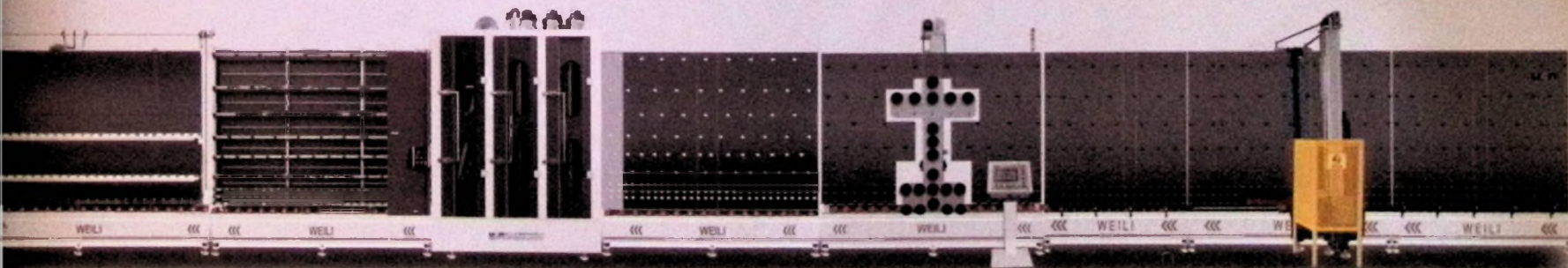
推动智能连线及智慧工厂的整体解决方案！

Promote the overall solution of intelligent connectivity and smart factories

← 全自动中空玻璃生产线
Automatic Insulating Glass Production Line

← 全自动上片机
Automatic loading Machine

← 全自动除膜机
Automatic Coating Deletion Machine



IGPL3000/3300 立式高端节能超大板中空玻璃板内自动充气平压生产线

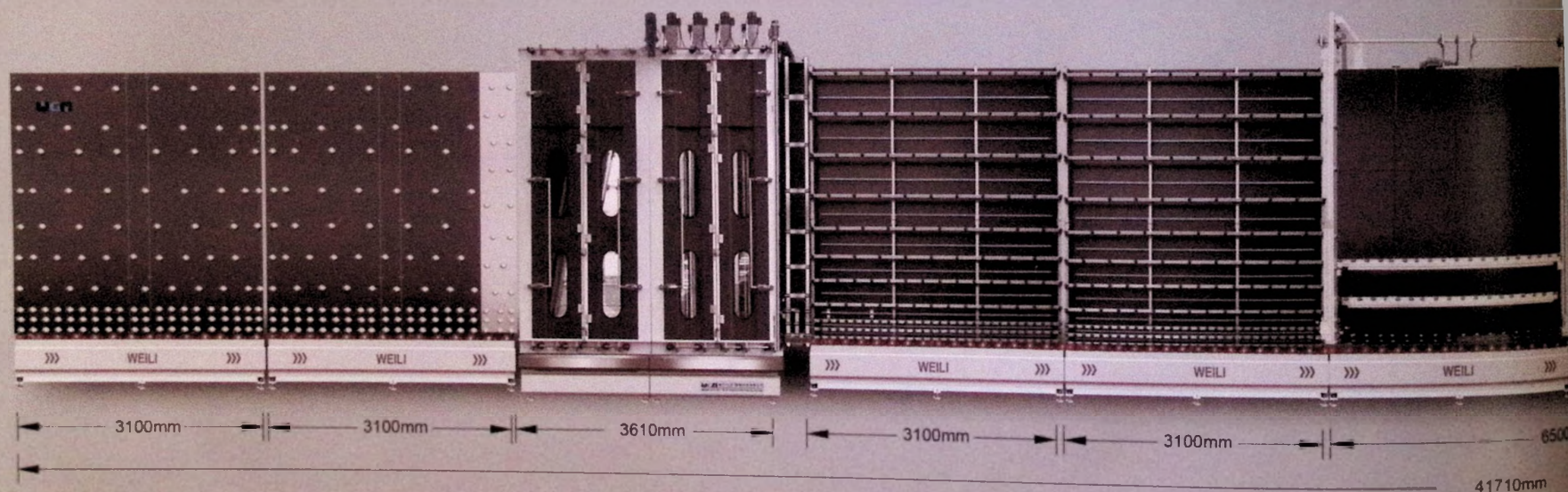
IGLP3000/3300 Vertical High-end Energy-saving Automatic Insulating Glass Gas Filling Inside Flat Press Production Line

IGLP3000/3300 Линия автоматического выравнивания газов внутри вертикальных высокоэнергетических стеклянных пластин

输入传送机
input conveyor

清洗烘干机
washing machine

上框机 检查机
spacer attaching and inspecting section



性能特点 Main Feature

1. 采用进口低压电气元件、传感器，PLC 全程自动控制设备运转。
 2. 本机生产效率高，设有小片玻璃储存区，清洗玻璃可连续输入。
 3. 采用进口触摸屏，操作方便，动态显示设备运转及故障情况。
 4. 特有远程诊断系统，及时方便提供软硬件技术支持。
 5. 节能间断式自动工作系统，设备使用段全速运行，其它部分如不工作处于智能休眠状态。
1. Adopts imported low-voltage electrical component and sensor; the equipment is automatically controlled by PLC during the whole operation.
2. With storage room for small pieces of glass and washing glass procedure can be done successively, the machine has high efficiency in production.
3. Adopts the imported touch screen, which is convenient to operate.
4. Peculiar distance diagnose system, support the software and hardware technology in time.
5. Has energy saving discontinuity automatic working system. The section in use will run at full speed, other parts are in intellectual dormancy state if they don't work.

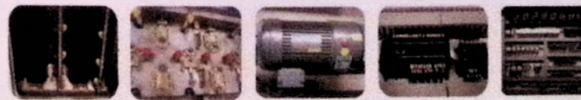
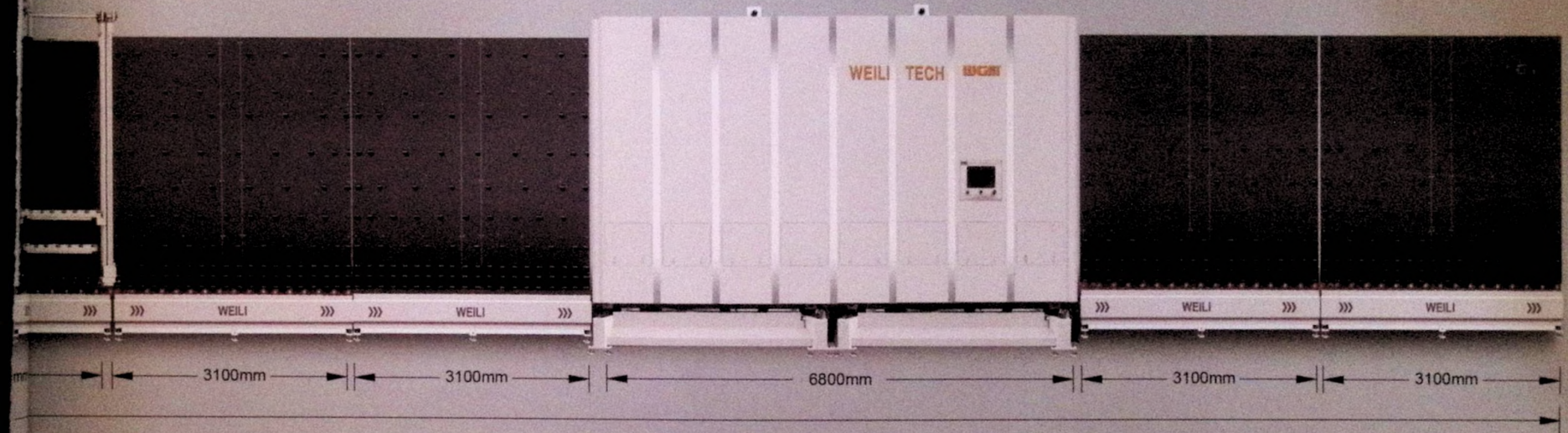
技术参数 Main technical parameter

输入电压 (Power Supply) : 380V 50Hz
总功率 (Total Power) : 38Kw
清洗速度 (Cleanout Speed) : 3~10m/min
传送玻璃速度 (Transmission Speed) : 45m/min
最小玻璃尺寸 (Min.Glass Size) : 300 × 400mm
最大玻璃尺寸 (Max.Glass Size) : 3300 × 6000mm
中空玻璃最大厚度 (Max Insulating Glass Thickness) : 15~80mm
清洗玻璃厚度 (Cleanout Glass Thickness) : 4~20mm
耗气量 (Air Consumption) : 800L/min
总重量 (Total Weight) : 7500kg

传送机
conveyor →

合片压机
press machine assembly conveyor →

输出传送机
output conveyor



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	大小片 Stepped glass	三层 Triple glazing	设备尺寸 L × W × H Dimension mm	功能段 Function section	翻转台 Overturning platform	备注 Remarks
IGPL3000	3000 × 6000	✓	选装 optional	✓	41710 × 3200 × 3950	13	选装 optional	可根据客户要求定做各种型号超大板中空玻璃加工设备
IGPL3300	3300 × 6000	✓	选装 optional	✓	41710 × 3200 × 4250	13	选装 optional	

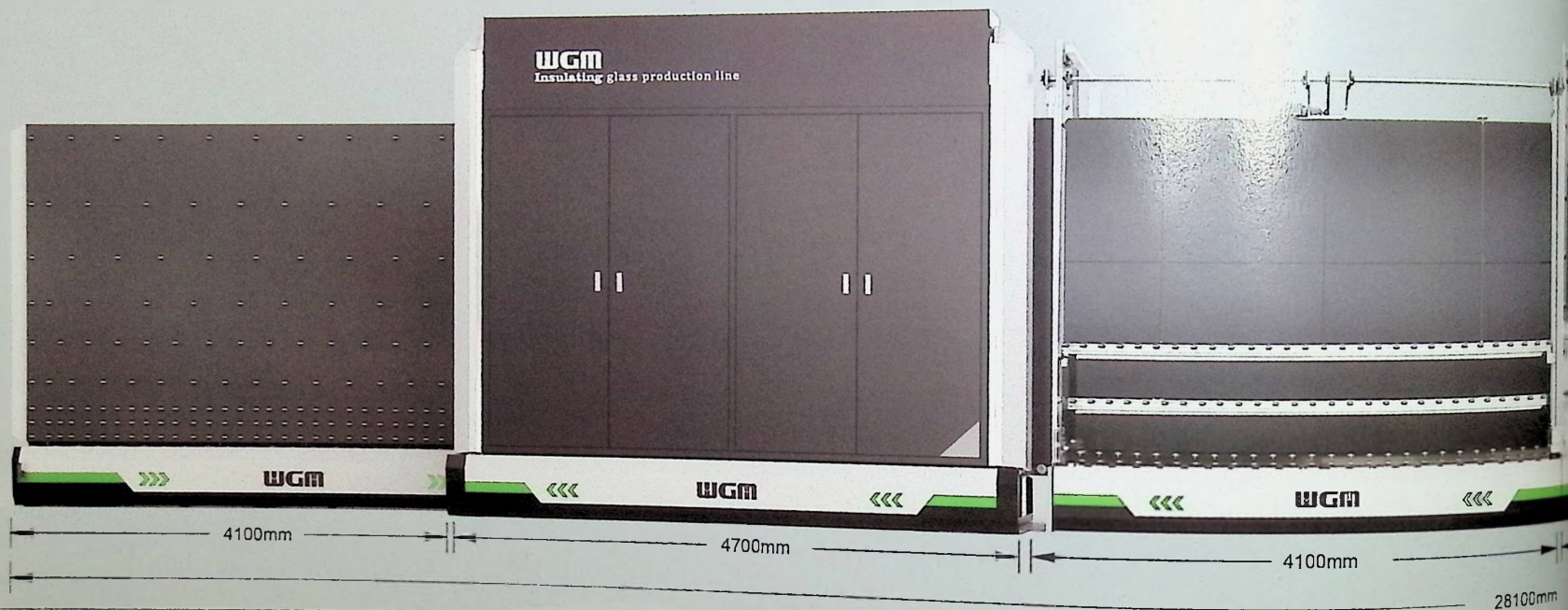
IGPL2700/2800 立式高端家装超大板中空玻璃板内自动充气平压生产线

IGLP2700/2800 Vertical High-end Energy-saving Automatic Insulating Glass Gas Filling Inside Flat Press Production Line

IGLP2700/2800 Линия автоматического выравнивания газов внутри вертикальных высокоэнергетических стеклянных пластин

输出传送机
output conveyor

合片压片机
← press machine assembly conveyor



性能特点 Main Feature

1. 该设备是根据家装中空玻璃客户的特点，对玻璃清洗要求洁净、无水痕，玻璃传输表面无痕的要求，特殊设计定做一款在中空于玻璃合片前传输段全部采用双横梁结构，达到玻璃在传输过程中尽量减少与背靠轮的接触，从而达到中空玻璃表面无痕的高品质要求！
This equipment is specially customized to the home decoration insulating glass customers. That is, the glass washing effect is clean, no water marks, and the glass transmission surface has no traces of conveyor rollers marks. In order to meet requirements of no trace on insulating glass surface, we adopt the double beam structure in transmission section.
2. 自动识别镀膜和 Low-E 玻璃的膜层面 Automatic detect coated surface of coating glass and Low-E glass
3. 清洗机风刀根据玻璃厚度自动调整 Air knife can automatic adjust according to glass thickness.
4. 铝框自动定位，玻璃自动定位系统 Aluminum spacer and glass automatic positioning system
5. 自动检测玻璃长度、高度，自动调节最佳充气时间，节省用气量
Automatic detect the length and height of glass, automatic adjust the best gas filling time
6. 板内充气压机采用四轴伺服联动，具有合片、压片、充气一体功能，保证中空玻璃氩气含量 $\geq 85\%$
Automatic gas filling press machine adopt 4 servo motors, which has assembling, pressing and automatic gas filling functions. Ensure the insulating glass argon gas concentrate $\geq 85\%$

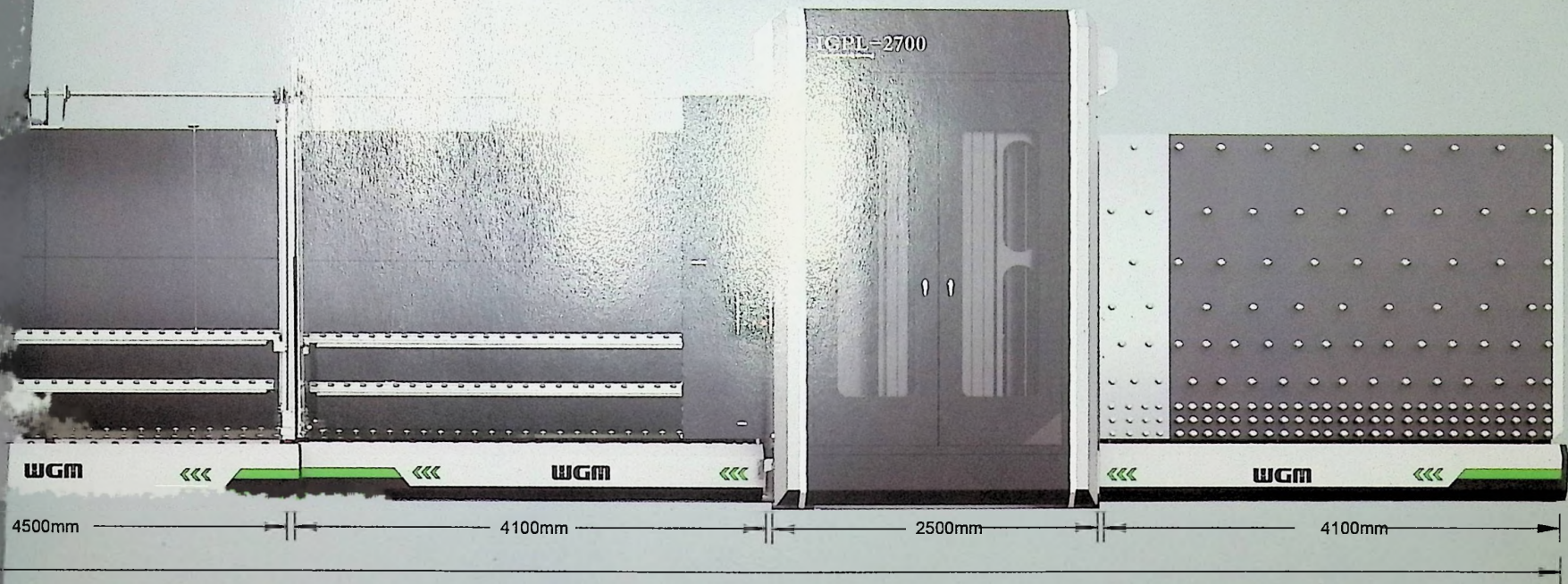
技术参数 Main technical parameter

- 最小玻璃尺寸 (Min. glass size): 300mm × 450 mm
清洗玻璃厚度 (Washing glass thickness): 3~15 mm
清洗玻璃速度 (Washing glass speed): 3~10m/min
电功率 (Power supply): 380V/50Hz 37.5kw
中空玻璃厚度 (Insulating glass thickness): 15~60mm
传送玻璃速度 (Transmission glass speed): 45 m/min
压缩空气、流量 (Compressed air, Flow volume): 0.8m³/min
气压 (Air pressure): 0.7Mpa
充气时间 (Gas filling time) 3~5s
环境温度 (Environment temperature): 7~50°C
毛刷 (brush): 6 根 pieces (3 根 low-e 毛刷 / 3 low-e brush)

上框机 检查机
spacer attaching and inspecting section

清洗烘干机
← washing machine

输入传送机
← input conveyor



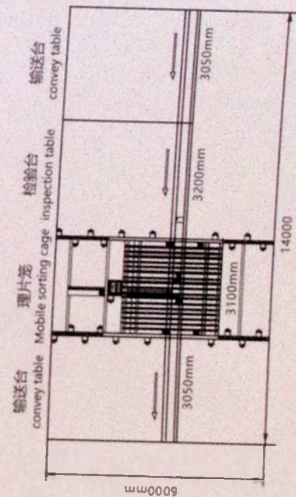
主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大玻璃尺寸 mm Max.glass size	Low-E	三层 triple glazing	四层 four layers	设备尺寸 L×W×H Dimension mm	功率 Power supply	功能段 Function section	板外合片 outside assembly	备注 Remarks
IGPL2700	2700×4000	✓	✓	✓	28100×3000×3750	38.5KW	7	选装	
IGPL2800	2800×4500	✓	✓	✓	31000×3000×3850	41.5KW	7	选装	

WPL2030/2530理片笼

WPL 2030/2530 Automatic Glass Sorting System

WPL 2030/2530 Передвижная сортировочная клеточная линия



- 用于中空玻璃自动分拣配对，由立式输送带、立式检验台、移动式理片笼以及立式输送带四部分组成。
- 玻璃通过立式输送带运送到检验台，系统能快速准确检验出玻璃尺寸，然后入库，经过智能比对后按规则配出片。
- It is used for automatic sorting and matching of insulating glass. It consists of four parts: vertical conveying table, vertical inspection table, mobile sorting cage and vertical conveying table.
- The glass is transported to the inspection station through the vertical conveyor table. The system can inspect the glass size quickly and accurately, and then put it into the warehouse. After intelligent comparison, it will be matched according to the rules.

性能特点 (Main Feature)

1. 完全取代了人工配片和贴标，避免了人工配片、贴标带来的误差。
 2. 用于中空线之前，生产效率高，可节省25%-30%。
 3. 支持扫码功能，省去检验站步骤，可直接扫码确认玻璃配对信息。
 4. 减少人员需求：操作简单，只需1名工人操作（放置玻璃架、更换空架），配合机械手上下片，无需人员值守。
 5. 一笼多片：相对市场同类产品，我们的分拣笼系统可存放1片或2片玻璃，可连续加载180片（玻璃长度小于1350mm）。
1. It completely replaces the process of manual glass matching, labeling and sorting, avoiding errors caused by manual glass matching.
 2. It is used in front of insulating glass line, the production efficiency can be increased by 25%-30%.
 3. Optional: support the code scanning function, save the inspection station steps, and directly scan the code to confirm the glass pairing information.
 4. Reduced personnel requirements: It is easy to operate and reduces the skill requirements for matching workers. Only need 1 worker to operate (place glass racks, replace empty racks), cooperate with manipulators to unload and unload glass sheet, and no workers are required to be on duty.
 5. Multiple glass pieces in one cage: Compared with the similar products in the market, our sorting cage system can store 1 piece or 2 pieces of glass in one cage, and can load up to 180 pieces of glass continuously (glass length less than 1350mm).

主要技术参数 (Main Technique Parameter)

1. 电压 (Power source) : AC 380V 3ph 50HZ
2. 功率 (Total power) : 3.75kw
3. 总重量 (Total weight) : 2600kg
4. 玻璃厚度范围 Glass thickness: 3-10mm
5. 连线功能 (Connection function) : 12kw
6. 倾斜角 (Tilt angle) : 84°
7. 工作高度 (Working High) : 550 ± 30mm
8. 笼体移动速度 (Movement speed) : ≤ 10m/min
9. 传输速度 (Transmit Speed) : ≤ 45m/min
10. 压缩空气 (Compressed air) : 800L/min
11. 流量 (Flow volume) : 0.8m³/min
12. 气源压力 (Air pressure) : ≥ 8kgf/cm²

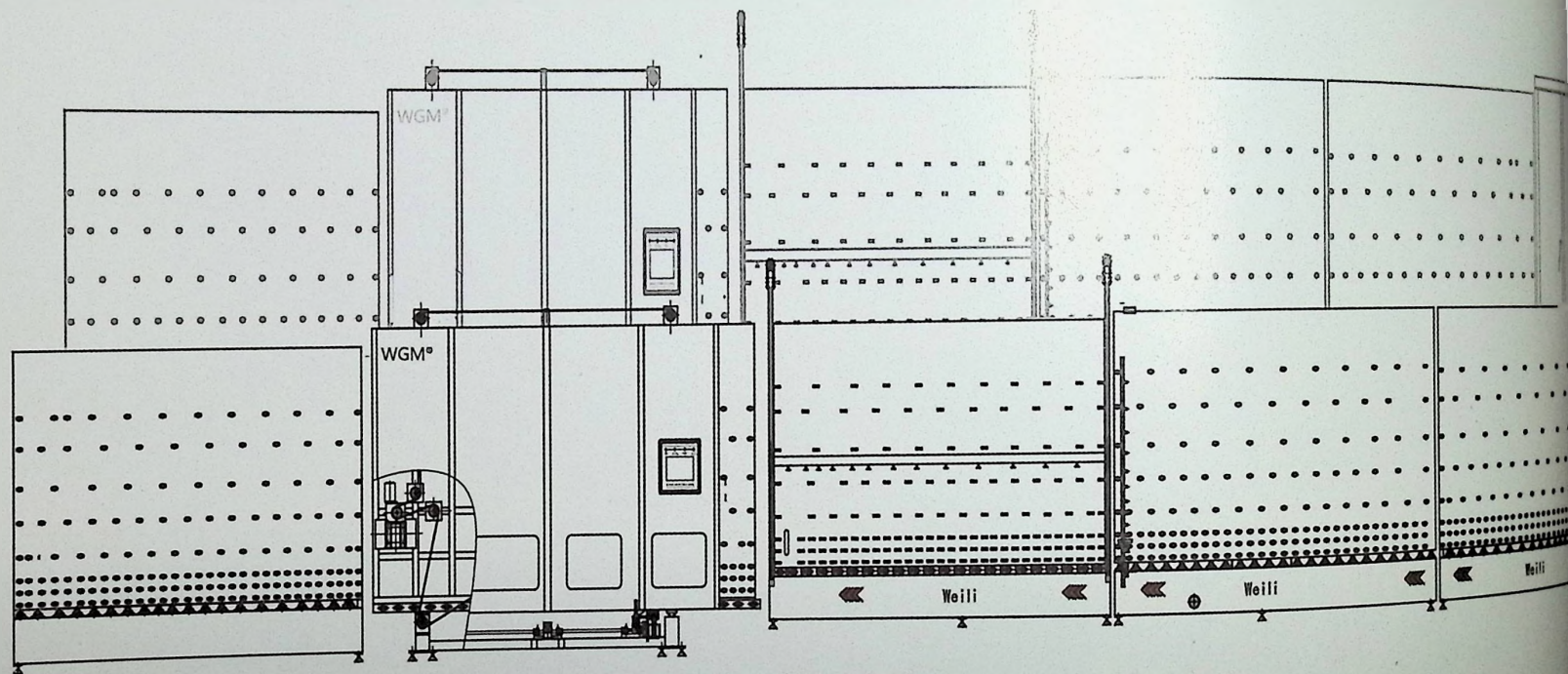
主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大加工尺寸 Max.glass size	最小加工尺寸 Min.Glass Size	节拍 beat	玻璃厚度 thickness	倾斜角 Tilt angle	笼数 Cage Qty	设备尺寸 L × W × H Dimension mm	功能段 Function section
WLPL2030	2000 × 3000mm	400 × 400mm	3-4 片 /min	3-10mm	88°	90/ Cage	14000 × 6000 × 2620	4
WLPL2530	2500 × 3000mm	400 × 400mm	3-4 片 /min	3-10mm	84°	90/ Cage	14000 × 6000 × 3120	4

WLPL2030/2530理片笼流水线

WLPL2030/2530 Automatic Sorting System Line for Insulating Glass
WLPL2030/2530 Передвижная сортировочная клеточная линия

全自动中空玻璃生产线
Automatic Insulating Glass Production Line



■ 该流水线由穿梭小车、检测台、理片笼、自动立式上下片机（可选配）组成。对加工过程中的矩形玻璃进行尺寸检测后分批次储存于格栅笼，并按照系统排列次序依次取出玻璃，以此为下一道玻璃加工工序进行梳理和缓存功能；每一格栅格可储存单片或多片玻璃，从而达到存储空间的充分利用。
The assembly line consists of movable conveyor, vertical inspection section, sorting cage and automatic vertical loading and unloading machine (optional). In the processing, first detect the rectangular glass size, store in the grating in batches, then the glass is taken out successively according to the systematic arrangement order, so as to comb and cache the next glass processing process; Each grating can store a single or multiple pieces of glass, so as to achieve the full utilization of storage space.

性能特点 Main Feature

1. 用于中空线之前，生产效率可提高 25%-30%。
 2. 支持扫码功能，省去检验台环节，直接扫码确定玻璃配对信息。
 3. 中空玻璃加工之前对玻璃进行梳理、缓存，并达到中空玻璃加工配对需求。
1. It is used in front of insulating glass line, the production efficiency can be increased by 25%-30%.
2. Optional: support the code scanning function, save the inspection station steps, and directly scan the code to confirm the glass pairing information.
3. Comb and cache the glass before processing the insulating glass, so as to meet the glass sorting and matching requirements.

[Http://www.weiliglass.com](http://www.weiliglass.com)

匠心质造 智能未来

←穿梭小车
movable conveyor

←理片笼
Mobile sorting cage

←穿梭小车
movable conveyor

←检测台
inspection table

←全自动上片机
Automatic loading Machine



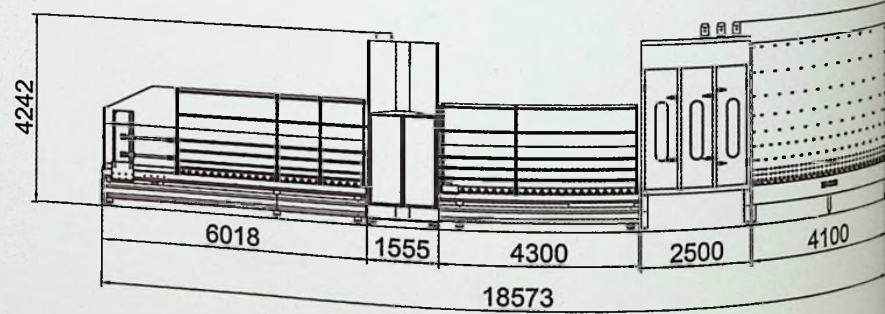
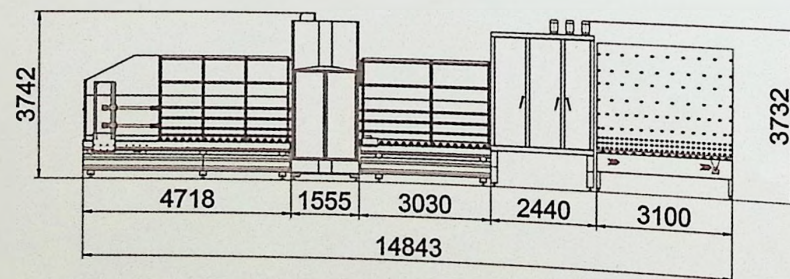
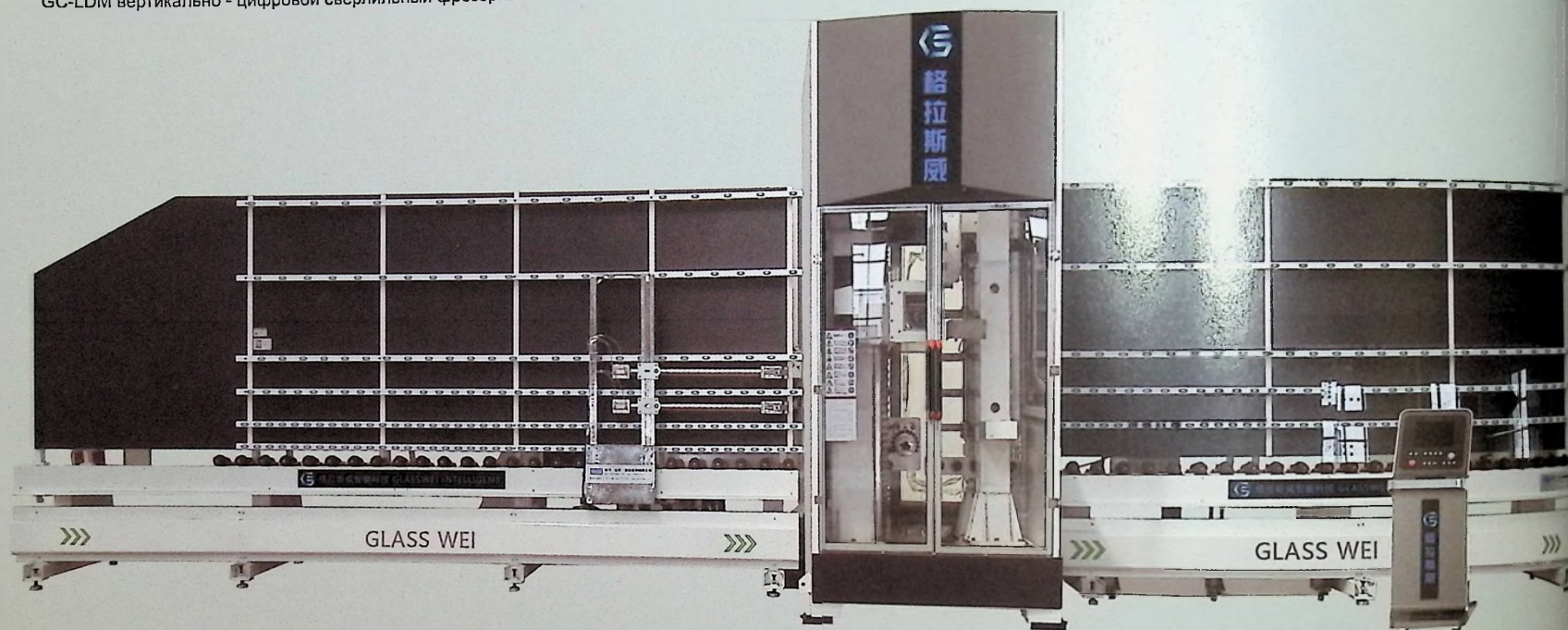
主要技术参数 (Main Technique Parameter)

产品型号 Product model	电压 Power source	倾斜角 Tilt angle	最大尺寸 Max.size	玻璃厚度 thickness	配片节拍 Glass Matching Efficiency	传输速度 Transmit Speed	穿梭小车速度 Movable Conveyor Speed	笼数 Cage Qty	设备尺寸 L × W × H Dimension mm	功能段 Function section
WLPL2030	AC 380V 3ph 50HZ	84°	2000 × 3000mm	3~10mm	10~15s/pcs	≤ 45m/min	≤ 200m/min	60/ Cage	14000 × 6000 × 2620	6
WLPL2530	AC 380V 3ph 50HZ	84°	2500 × 3000mm	3~10mm	10~15s/pcs	≤ 45m/min	≤ 200m/min	60/ Cage	14000 × 6000 × 3120	6

GC-LDM 立式数控玻璃钻铣机

GC-LDM CNC Vertical Glass Drilling and Milling Machine

GC-LDM вертикально - цифровой сверлильный фрезерный станок



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。从而满足了客户对加工精度、加工质量以及加工效率的迫切需求。2.低压电器采用法国施耐德，可靠性高。3.软件EasyCAM由兼具有专业的软件与工艺工程师团队开发，图库中自带50个常用图形，基于尺寸驱动的参数化绘图，仅需要输入必要的尺寸和位置，便可以自动生成最优的加工工艺路径。EasyCAM支持办公室绘图、现场调用图加工等功能。4.本机床的主机结构使用有限元分析软件，经过多次迭代分析，结构优化后，使得主机的固有频率避开加工频率段，避免了共振，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，电主轴功率为7.5kW，最大转速12000rpm。

1. The GC-LDM adopts the advanced Japanese Mitsubishi CNC control system, which realizes the functions of continuous contour trajectory control of each feed axis, precisely high-speed positioning, and multi-task concurrent processing. So as to meet the urgent needs of customers for machining accuracy, quality and efficiency. 2.Low-voltage electrical appliances are from France Schneider, with high reliability. 3.The software EasyCAM is developed by a team of professional software and process engineers. There are 50 common graphics in the library. Based on dimension-driven parametric drawing, you only need to input the necessary data and positions then machine will generate the processing path automatically. EasyCAM supports office drawing, on-site call drawing processing and other functions. 4.The host structure of this machine tool uses finite element analysis software. After several iterative analysis and structure optimization, the natural frequency of the host machine avoids the processing frequency band, avoids resonance, and obtains a stable accuracy guarantee within the effective working range. 5. GC-LDM is equipped with two coolant Electro-spindles produced 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



LBW2000PB/1800PB/2500PB 立式全自动中空玻璃板外合片平压生产线

LBW2000PB/1800PB/2500PB Vertical Automatic Insulating Glass Outside Assembly Flat Press Production Line

LBW2000PB/1800PB/2500PB Вертикальная автоматическая линия для производства стеклопакетов

输出传送机
output conveyor

压片机
← press machine

合片机
assembly conveyor



该生产线由高性能不锈钢清洗机、人工上框、板外自动合片装置、自动平压装置、自动出料装置组成。可根据用户要求进行升级和扩展。
This production line comprises the stainless steel washing machine, spacer attaching section, automatic outside assembly, automatic flat press, glass storage section.
This line can be upgraded and expanded according to customer's demands.

性能特点 Main Feature

1. 全程 PLC 控制系统，触摸屏人机界面
Adopts the PLC to control the working condition, touch screen and man-machine interface.
2. 自动识别镀膜玻璃膜层 Low-e glass automatic diagnosis system.
3. 可清洗镀膜、Low-E 玻璃 Cleans coating glass and low-e glass.
4. 清洗机采用无油润滑防水轴承 Adopts no oil water-proof bearing in the washing section.
5. 程序化控制生产线间断工作节能系统
Conserves energy interrupted type automatic operation system.
6. 可生产两层、三层 Produce double glazing and triple glazing.
7. 液压提供板压动力，能打开 450mm 进行维护
Hydraulic pressure provides power for plate press section, able to open the 450mm for maintenance.

技术参数 Main technical parameter

- 最小玻璃尺寸 (Min. glass size) : 300mm × 400mm
- 清洗玻璃厚度 (Washing glass thickness) : 3~15mm
- 清洗玻璃速度 (Washing glass speed) : 3~10m/min
- 电功率 (Power supply) : 380V 50Hz 34/35Kw
- 中空玻璃厚度 (Insulating glass thickness) : 15~50mm
- 传送玻璃速度 (Transmission glass speed) : 45m/min
- 压缩空气 (Compressed air) : 800L/min
- 流量 (Flow volume) : 0.8m³/min
- 气压 (Air pressure) : 1Mpa



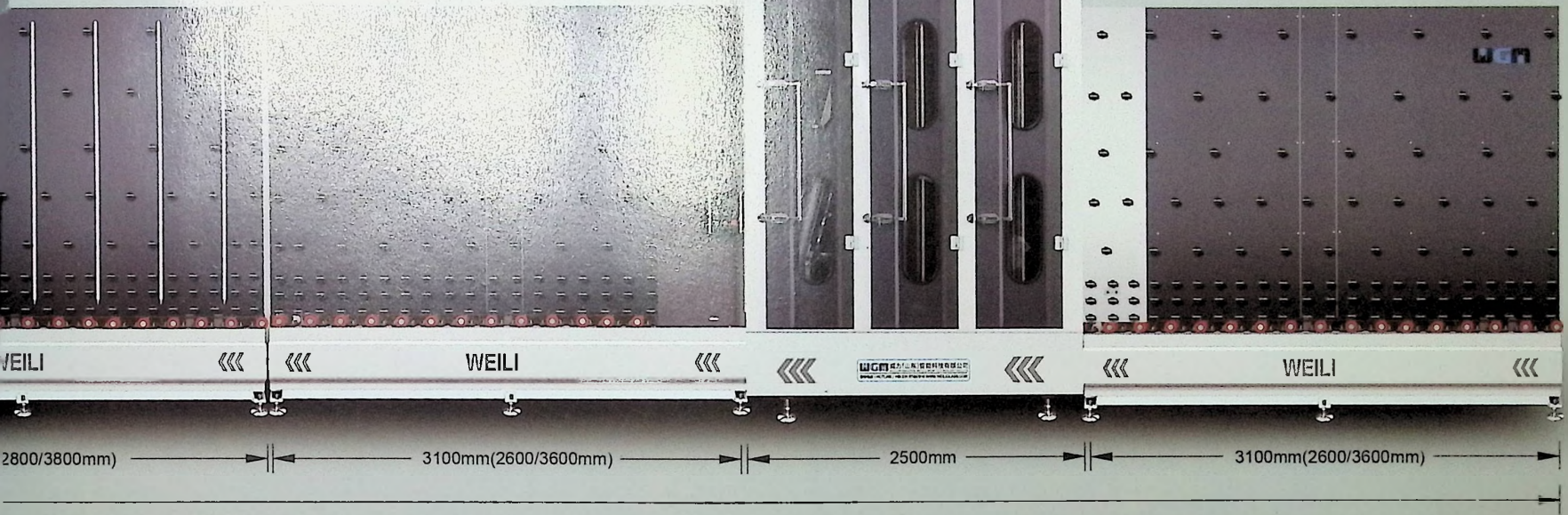
专业玻璃机械制造商
TO BE EXCELLENT GLASS EQUIPMENT MANUFACTURER

上框机 检查机
Spacer attaching
inspecting section

传送机
conveyor

←清洗烘干机 washing machine

输入传送机
← input conveyor



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	三层 triple glazing	设备尺寸 L×W×H Dimension mm	功率 Power supply	功能段 Function section	板外合片 outside assembly	备注 Remarks
LBW1800PB	1800 × 2500	✓	✓	18800 × 2500 × 2950	30KW	7	✓	
LBW2000PB	2000 × 3000	✓	✓	21800 × 2600 × 3050	34KW	7	✓	
LBW2500PB	2500 × 3500	✓	✓	24700 × 2800 × 3450	35KW	7	✓	

LBW2000PC/2500PC 气浮式全自动在线充气中空玻璃平压生产线

LBW2000PC/2500PC Automatic Air Floating Insulating Glass Gas Filling Production Line

LBW2000PC/2500PC Вертикальная автоматическая линия для производства стеклопакетов



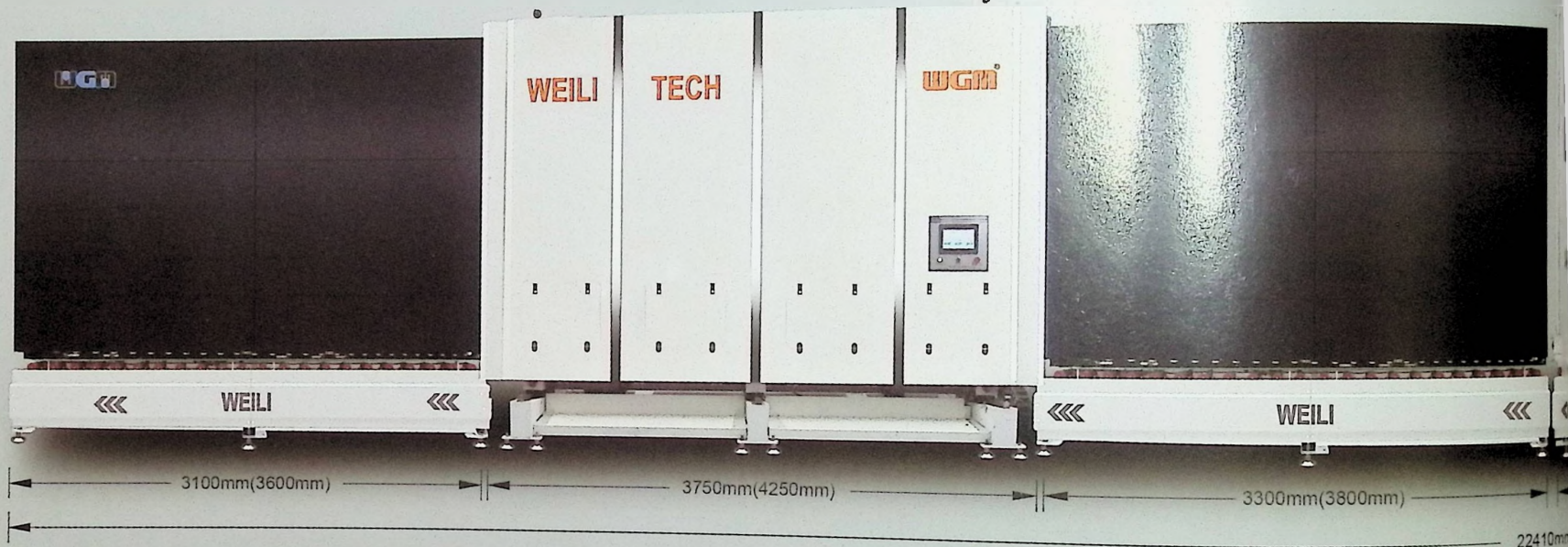
国家发明专利

专利号: ZL2016 10281136-3

输出传送机
output conveyor

压片机
← press machine

合片机
assembly conveyor

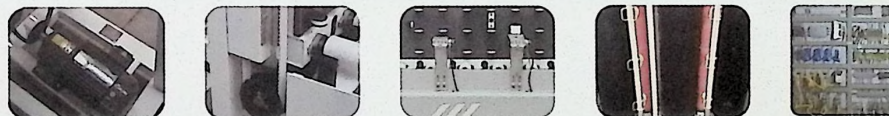
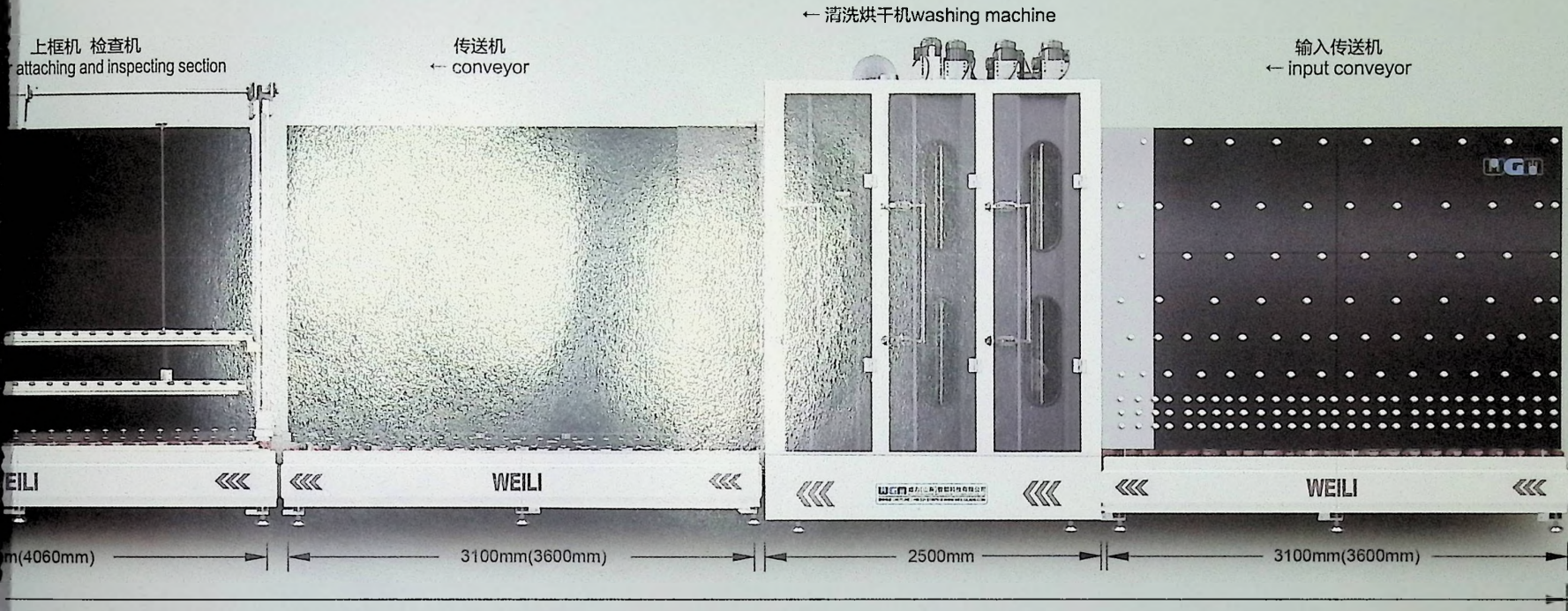


性能特点 Main Feature

1. 能实现板内板外和片, 充气时采用板内合片, 板内合片可实现大小片、玻璃幕墙的生产。
Achieve the functions of outside and inside assembly, automatically fill argon gas and stepped glazing
2. 全程 PLC 控制系统, 触摸屏人机界面 Adopts the PLC to control the working condition and touch screen
3. 自动识别镀膜和 Low-E 玻璃的膜层面 Automatic detect coated surface of coating glass and Low-E glass
4. 清洗机风刀根据玻璃厚度自动调整 Air knife can automatic adjust according to glass thickness.
5. 清洗镀膜、Low-E 玻璃时, 毛刷转速可变频驱动。Brushes' rotate speed variable frequency drive.
6. 铝框自动定位, 玻璃自动定位系统 Aluminum spacer and glass automatic positioning system
7. 自动检测玻璃长度、高度, 自动调节最佳充气时间, 节省用气量
Automatic detect the length and height of glass, automatic adjust the best gas filling time
8. 板内充气压片机采用四轴伺服联动, 具有合片、压片、充气一体功能, 保证中空玻璃氩气含量 $\geq 85\%$
Automatic gas filling press machine adopt 4 servo motors, which has assembling, pressing and automatic gas filling functions. Ensure the insulating glass argon gas concentrate $\geq 85\%$
9. 具有远程监控和程序升级功能 It has remote monitor and program upgrade functions.

技术参数 Main technical parameter

最小玻璃尺寸 (Min.glass size): 300mm × 400 mm
清洗玻璃厚度 (Washing glass thickness): 3~15 mm
清洗玻璃速度 (Washing glass speed): 3~10m/min
电功率 (Power supply): 380V/50Hz 37.5kw
中空玻璃厚度 (Insulating glass thickness): 15~60mm
传送玻璃速度 (Transmission glass speed): 45 m/min
压缩空气、流量 (Compressed air, Flow volume): 0.8m³/min
气压 (Air pressure): 0.7Mpa
充气时间 (Gas filling time) 3~5s
环境温度 (Environment temperature): 7~50℃
毛刷 (brush): 6 根 pieces (3 根 low-e 毛刷 / 3 low-e brushes)



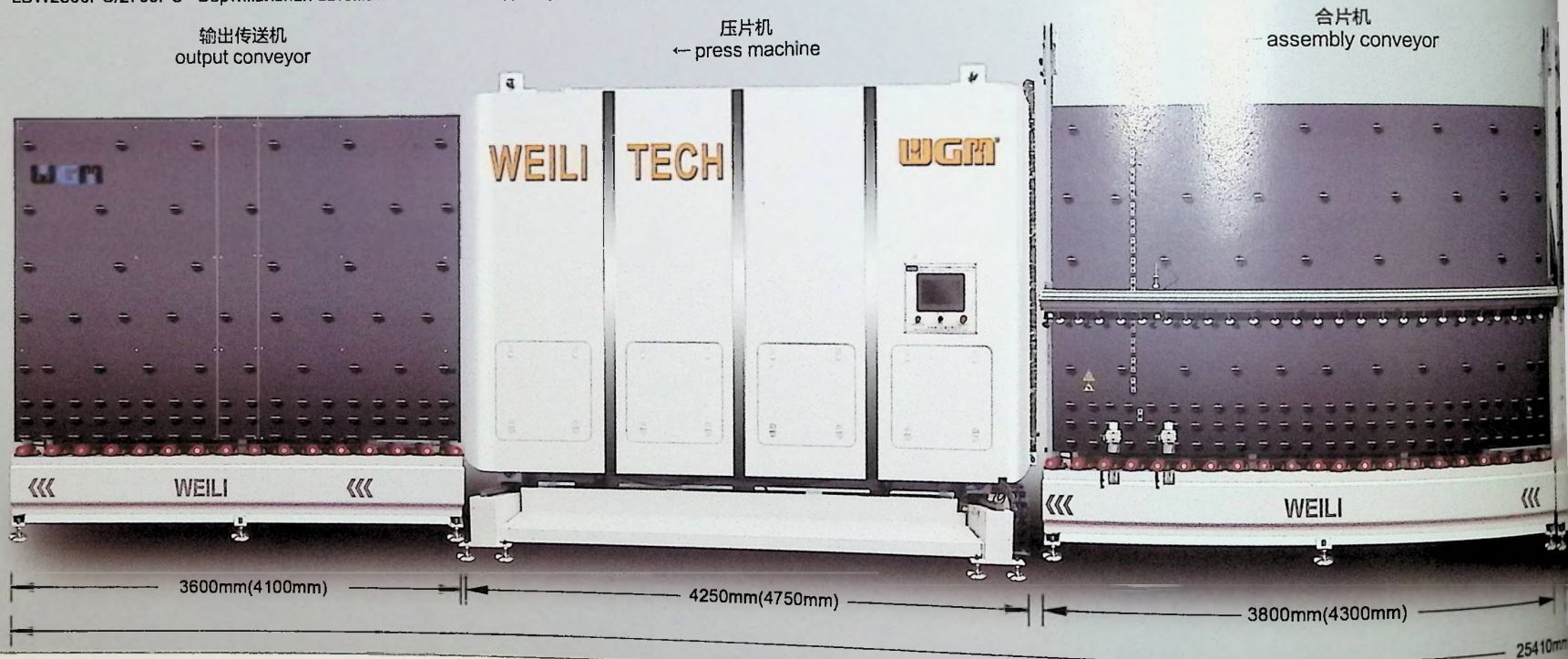
主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大玻璃尺寸 mm Max.glass size	Low-E	大小片 Stepped glass	三层 Triple glazing	四层 four layers	设备尺寸 L×W×H Dimension mm	功率 Power supply	功能段 Function section	翻转台 Overturning platform	备注 Remarks
LBW2000PC	2000 × 3000	✓	选装 optional	✓	✓	22410 × 2600 × 3050	34KW	7	选装 optional	
LBW2500PC	2500 × 3500	✓	选装 optional	✓	✓	25410 × 2800 × 3450	37.5KW	7	选装 optional	

LBW2500PC/2700PC 立式全自动中空玻璃板内自动充气平压生产线

LBW2500PC/2700PC Vertical Automatic Insulating Glass Gas Filling Inside Flat Press Production Line

LBW2500PC/2700PC Вертикальная автоматическая линия для производства стеклопакетов

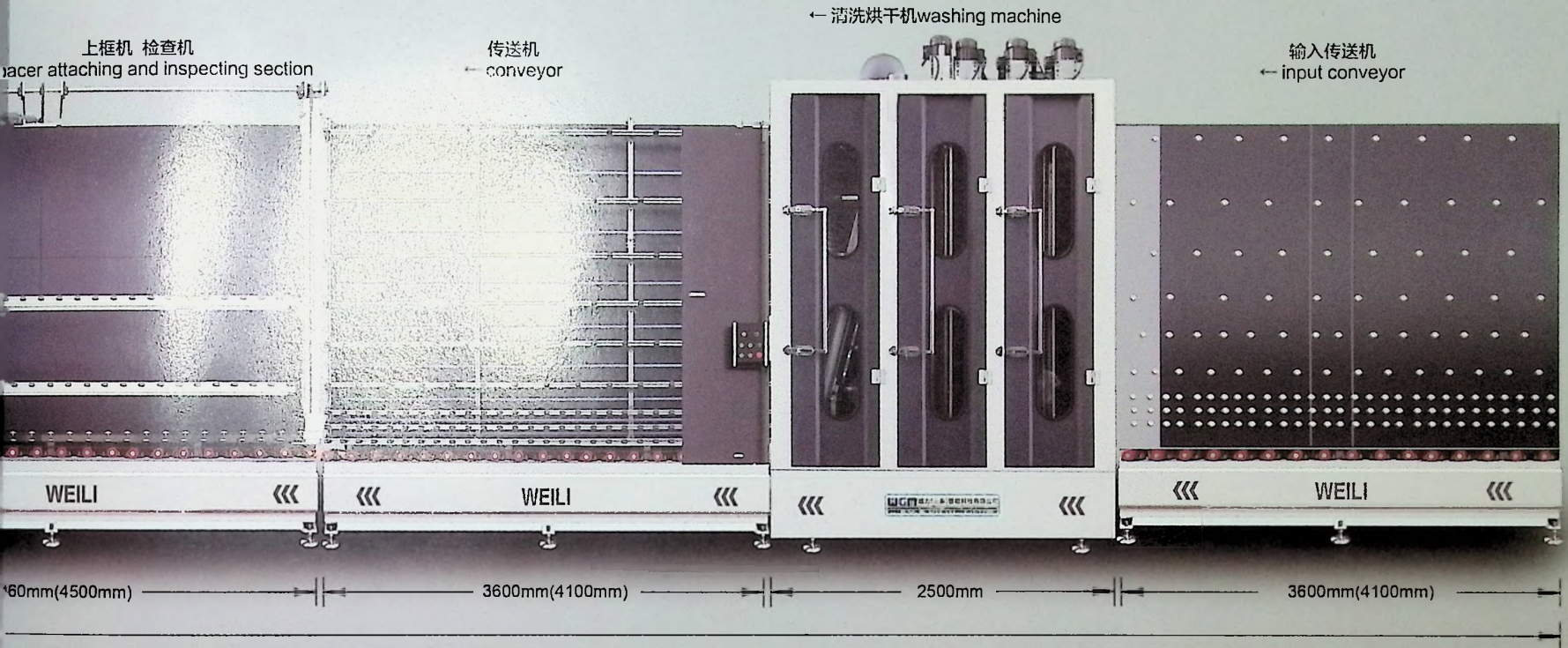


性能特点 Main Feature

1. 能实现板内板外和片, 充气时采用板内合片, 板内合片可实现大小片、玻璃幕墙的生产。
Achieve the functions of outside and inside assembly, automatically fill argon gas and stepped glazing
2. 全程 PLC 控制系统, 触摸屏人机界面 Adopts the PLC to control the working condition and touch screen
3. 自动识别镀膜和 Low-E 玻璃的膜层面 Automatic detect coated surface of coating glass and Low-E glass
4. 清洗机风刀根据玻璃厚度自动调整 Air knife can automatic adjust according to glass thickness.
5. 清洗镀膜、Low-E 玻璃时, 毛刷转速可变频驱动。Brushes' rotate speed variable frequency drive.
6. 铝框自动定位, 玻璃自动定位系统 Aluminum spacer and glass automatic positioning system
7. 自动检测玻璃长度、高度, 自动调节最佳充气时间, 节省用气量
Automatic detect the length and height of glass, automatic adjust the best gas filling time
8. 板内充气压机采用四轴伺服联动, 具有合片、压片、充气一体功能, 保证中空玻璃氩气含量 $\geq 85\%$
Automatic gas filling press machine adopt 4 servo motors, which has assembling, pressing and automatic gas filling functions. Ensure the insulating glass argon gas concentrate $\geq 85\%$
9. 具有远程监控和程序升级功能 It has remote monitor and program upgrade functions.

技术参数 Main technical parameter

- 最小玻璃尺寸 (Min.glass size): 300mm $\times$ 400 mm
- 清洗玻璃厚度 (Washing glass thickness): 3~15 mm
- 清洗玻璃速度 (Washing glass speed): 3~10m/min
- 电功率 (Power supply): 380V/50Hz 37.5kw
- 中空玻璃厚度 (Insulating glass thickness): 15~60mm
- 传送玻璃速度 (Transmission glass speed): 45 m/min
- 压缩空气、流量 (Compressed air, Flow volume): $0.8\text{m}^3/\text{min}$
- 气压 (Air pressure): 0.7Mpa
- 充气时间 (Gas filling time) 3~5s
- 环境温度 (Environment temperature): 7~50°C
- 毛刷 (brush): 6 根 pieces (3 根 low-e 毛刷 / 3 low-e brushes)



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	大小片 Stepped glass	三层 Triple glazing	四层 four layers	设备尺寸 L×W×H Dimension mm	功率 Power supply	功能段 Function section	翻转台 Overturning platform	备注 Remarks
LBW2500PC	2500 × 3500	✓	选装 optional	✓	✓	25410 × 2800 × 3450	37.5KW	7	选装 optional	
LBW2700PC	2700 × 4000	✓	选装 optional	✓	✓	28350 × 3000 × 3650	39.5KW	7	选装 optional	

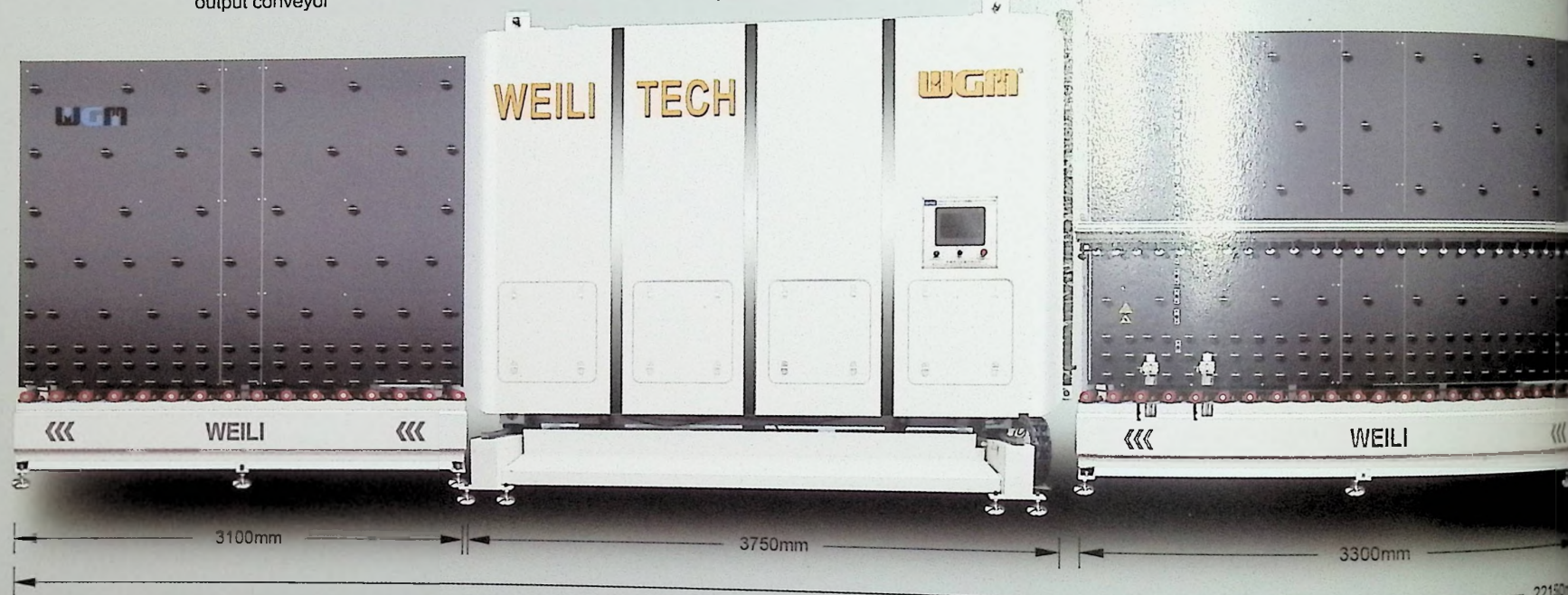
LBW2000PC/2200PC 立式全自动中空玻璃板内自动充气平压生产线

LBW2000PC/2200PC Vertical Automatic Insulating Glass Gas Filling Inside Flat Press Production Line
LBW2000PC/2200PC Вертикальная автоматическая линия для производства стеклопакетов

输出传送机
output conveyor

压片机
← press machine

合片机
← assembly conveyor

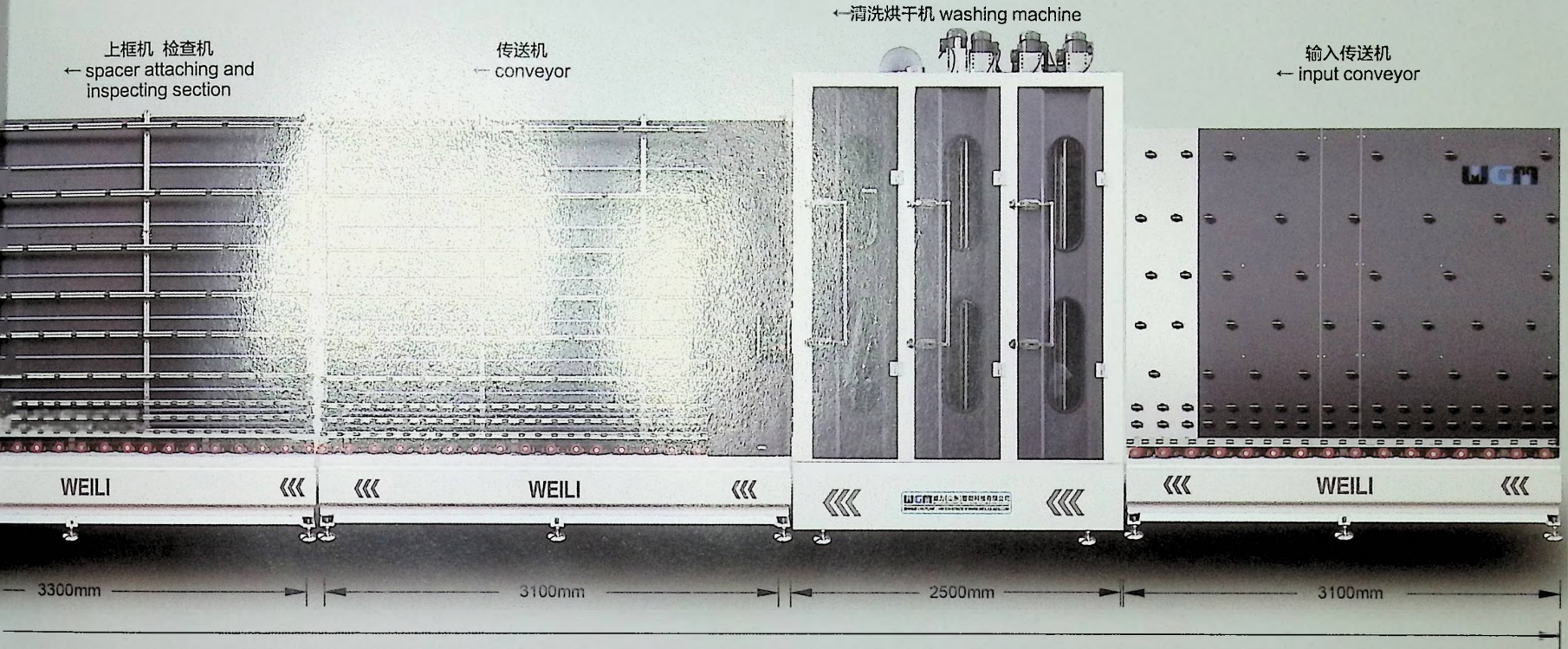


性能特点 Main Feature

1. 能实现板内板外和片, 充气时采用板内合片, 板内合片可实现大小片、玻璃幕墙的生产。
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7. 自动检测玻璃长度、高度, 自动调节最佳充气时间, 节省用气量
Automatic detect the length and height of glass, automatic adjust the best gas filling time
8. 板内充气压片机采用四轴伺服联动, 具有合片、压片、充气一体功能, 保证中空玻璃氩气含量 $\geq 85\%$
Automatic gas filling press machine adopt 4 servo motors, which has assembling, pressing and automatic gas filling functions. Ensure the insulating glass argon gas concentrate $\geq 85\%$
9. 具有远程监控和程序升级功能 It has remote monitor and program upgrade functions.

技术参数 Main technical parameter

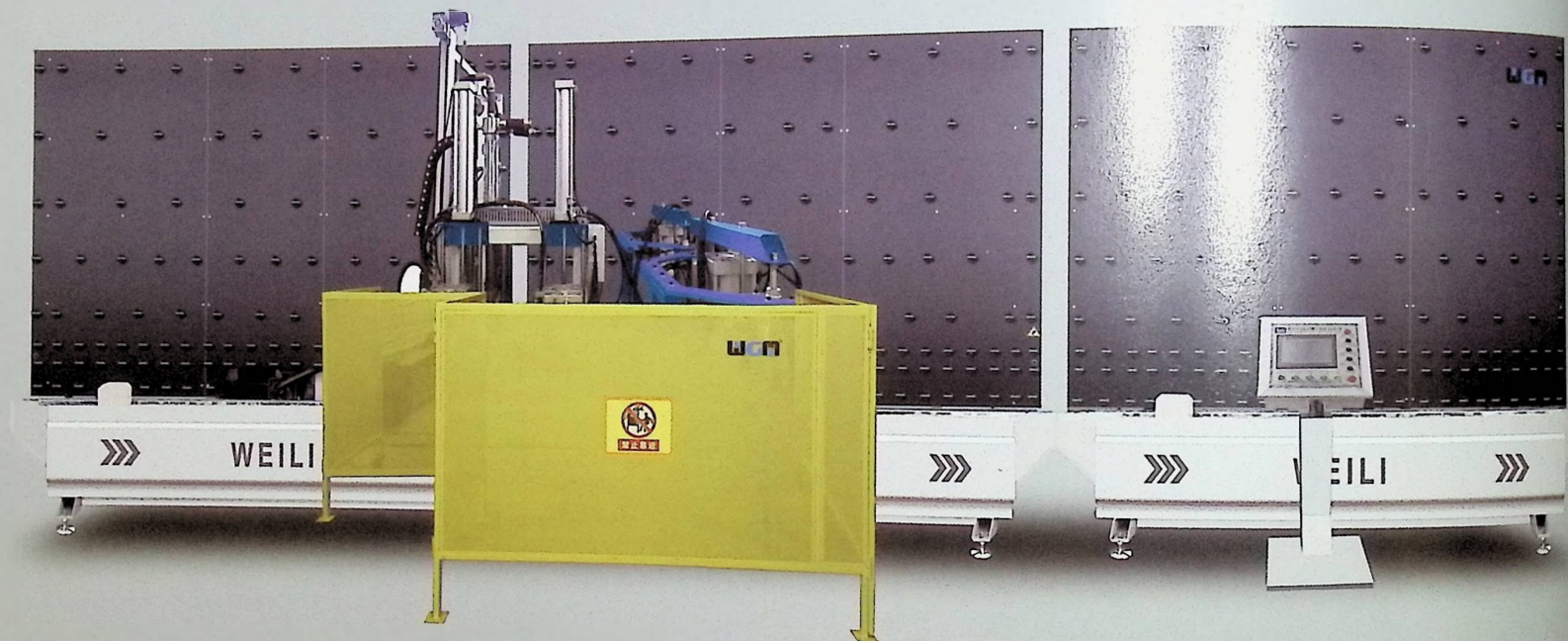
最小玻璃尺寸 (Min.glass size): 300mm × 400 mm
清洗玻璃厚度 (Washing glass thickness): 3~15 mm
清洗玻璃速度 (Washing glass speed): 3~10m/min
电功率 (Power supply): 380V/50Hz 37.5kw
中空玻璃厚度 (Insulating glass thickness): 15~80mm
传送玻璃速度 (Transmission glass speed): 45 m/min
压缩空气、流量 (Compressed air, Flow volume): 0.8m³/min
气压 (Air pressure): 0.7Mpa
充气时间 (Gas filling time) 3~5s
环境温度 (Environment temperature): 7~50℃
毛刷 (brush): 6 根 pieces (3 根 low-e 毛刷 / 3 low-e brushes)



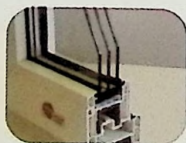
主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大玻璃尺寸 mm Max.glass size	Low-E	大小片 Stepped glass	三层 Triple glazing	四层 four layers	设备尺寸 L×W×H Dimension mm	功率 Power supply	功能段 Function section	翻转台 Overturning platform	备注 Remarks
LBW2000PC	2000×3000	√	选装 optional	√	√	22150×2600×3050	34KW	7	选装 optional	
LBW2200PC	2200×3000	√	选装 optional	√	√	22150×2800×3250	37.5KW	7	选装 optional	

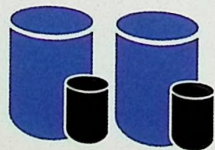
WL2500-32/WL2000-32 中空玻璃异形全自动封胶线
 WL2500-32/WL2000-32 Insulating Glass Automatic Sealing Machine----Shape IG
 WL2500-32/WL2000-32 Автоматическая машина запечатывания



默认功能default function



三玻两腔
three glass two space



双套供胶
double sealant supply system

可选功能optional function



四边大小片
stepped insulating glass

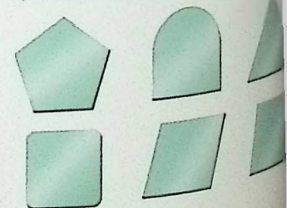


异形玻璃
heteromorphic glass



供胶加热
supplying sealant and heating

异形玻璃样式
heteromorphic glass type





专业玻璃机械制造商

TO BE EXCELLENT GLASS EQUIPMENT MANUFACTURER

性能特点 (Main Features)

1. 可实现各种尺寸的中空玻璃连续生产，打胶效率高，质量稳定
2. 两套完全独立的供胶系统，两种密封胶可任意切换
3. 第三段可预存玻璃，加强玻璃的连续性，提高生产效率
4. 人机界面友好，操作简单
5. 边部涂胶充实无气泡，涂层均匀，无需人工修整
6. 世界知名品牌的伺服控制系统，性能稳定
7. 精确的同步带传输系统，确保玻璃运行平稳无污染
8. 独特的胶量自动报警装置
9. 异形可选图形：半圆形、三角形、矩形、梯形、直边半圆形、多边形、大小片等

1. Achieve various size of rectangular insulating glass automatic continuously sealing, high efficiency & stable quality sealing performance
2. Two separate sealant supply (pump, mixing device) system, which can be switched freely (MODEL# WL2500-32 with this function)
3. Finished IG unit can be stored on the third section, strengthen the continuity of machine's operation, and improve the production efficiency
4. Friendly interface, easy for operation
5. The sealing of all edges and corners enriches no air bubbles, fully coating, without manual trimming
6. Adopt World-renowned servo control system, stable performance
7. Accurate synchronous belt transmission system to ensure glass convey stable and clean
8. The automatic alarm device with unique sufficient sealant
9. Shape: Semicircle, Rectangle, Trapezium, Straight Edge + Semicircle, Polygon and Step Glazing etc.

主要技术参数 (Main Technique Parameter)

1. 最小玻璃尺寸 Min. glass size: 300 × 300mm
2. 最大玻璃尺寸 Max. glass size: 2500 × 3500mm
3. 玻璃厚度范围 Glass thickness: 3~12mm
4. 中空玻璃厚度 Insulating glass thickness: 15~60mm
5. 打胶速度 Sealing speed: 5~30m/min
6. 打胶宽度 Sealing width: 6~24mm
7. 打胶深度 Sealing depth: 2~15mm
8. 传送速度 Conveyor speed: 0~48 m/min
9. 功率 Power supply: 13KW
10. 气源 Air supply: 0.5~0.8MPa
11. 工作高度 Working height: 520~580mm
12. 外形尺寸 Dimension: 9500 × 3000 × 3400mm

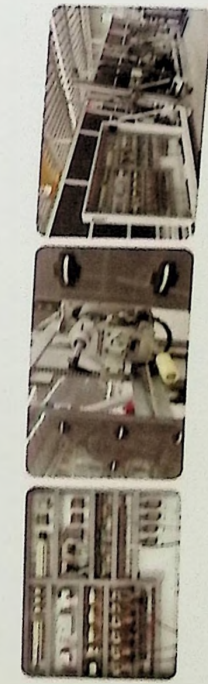
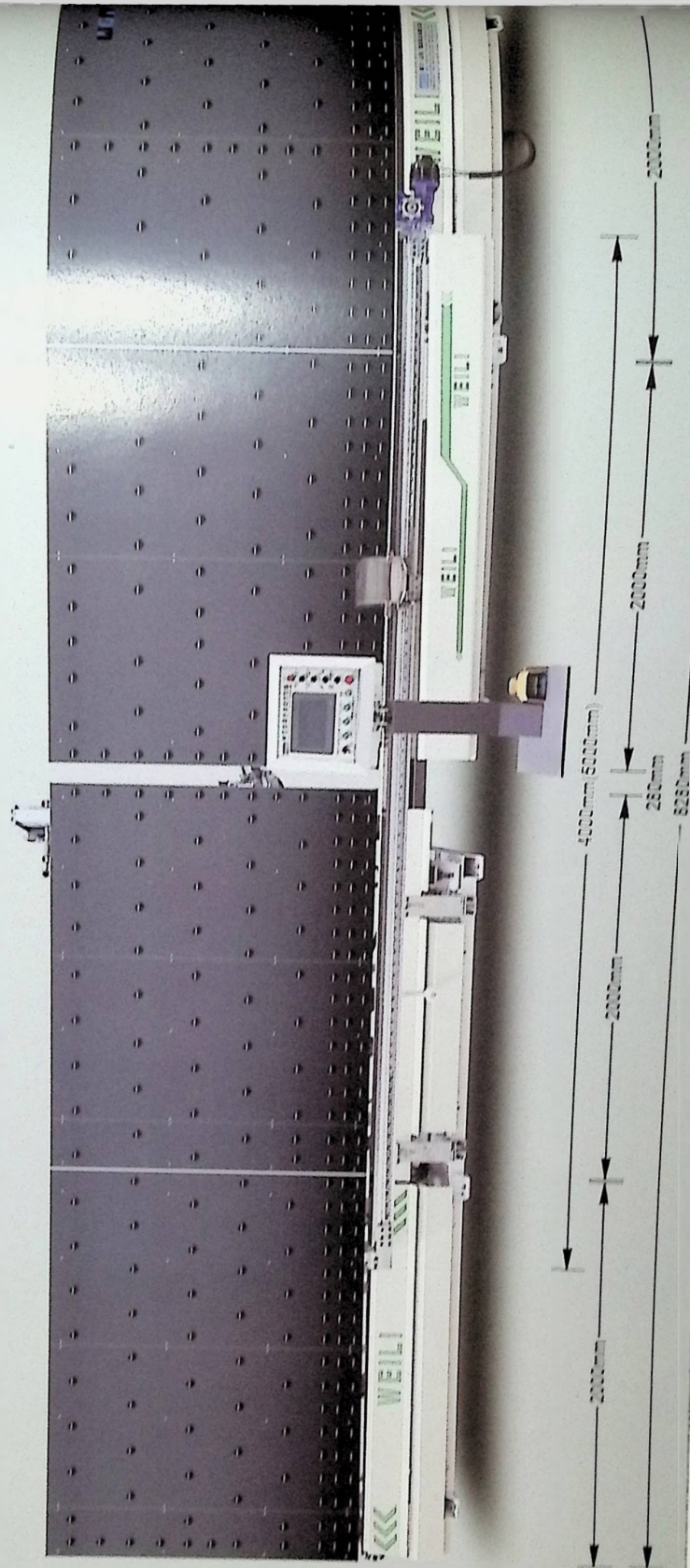
主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大玻璃尺寸 Max. glass size	供胶系统 Sealant-mixing System	两层 Double glazing	三层 Triple glazing	四层 four layers	异形 shape glass	大小片 Step glazing	设备尺寸 L × W × H Dimension mm	功能段 Function section
WL2000-32	2000 × 3000mm	双供胶系统 Two separate	√	√	选配	√	√	8290 × 2800 × 2950	3
WL2500-32	2500 × 3500mm	双供胶系统 Two separate	√	√	选配	√	√	9500 × 3200 × 3400	3

WL2000-42 WL2500-42 中空玻璃全自动封胶线

WL2000-42 WL2500-42 Insulating Glass Automatic Sealing Line

WL2000-42 WL2500-42 Автоматическая машина герметизации



可选功能
optional function



圆弧玻璃
semi-circular glass



钢化玻璃
strengthened glass



异形玻璃件式
heteromorphic glass type

[Http://www.weillglass.com](http://www.weillglass.com)

匠心匠制 保来福御

性能特点 (Main Feature)

1. 可实现各种尺寸的矩形中空玻璃连续打胶的连续性, 打胶效率高, 质量稳定
2. 两套完全独立的供胶系统, 两种密封胶可任意切换 (WL2500-32 型号具有此性能)
3. 第一段和第三段可预先存胶, 加强设备运转的连续性, 提高生产效率
4. 人机界面友好, 操作简单
5. 边部涂胶饱满无气泡, 涂胶饱满, 无需人工修整
6. 世界知名品牌伺服电机驱动, 性能稳定
7. 精确的同步带传动系统, 确保玻璃运行平稳无污染
8. 独特的胶量检测报警装置

1. Achieve various size of rectangular insulating glass automatic continuously sealing, high efficiency & stable quality sealing performance
2. Two separate sealant supply (pump, mixing device) system, which can be switched freely (MODEL# WL2500-32 with this function)
3. Finished IG unit can be stored on the first and third section, strengthen the continuity of machine's operation, and improve the production efficiency
4. Friendly interface, easy for operation
5. The sealing of all edges and corners enriches no air bubbles, fully coating, without manual trimming
6. Adopt World-renowned servo control system, stable performance
7. Accurate synchronous belt transmission system to ensure glass convey stable and clean
8. The automatic alarm device with unique sufficient sealant

主要技术参数 (Main Technique Parameter)

1. 最小玻璃尺寸 Min. glass size: 300 × 300mm
2. 最大玻璃尺寸 Max. glass size: 2000 × 3000mm/2500 × 3500mm
3. 玻璃厚度范围 Glass thickness: 3~12mm
4. 中空玻璃厚度 Insulating glass thickness: 15~60mm
5. 打胶速度 Sealing speed: 5~30m/min
6. 打胶宽度 Sealing width: 6~24mm
7. 打胶深度 Sealing depth: 2~15mm
8. 传送速度 Conveyor speed: 0~48 m/min
9. 功率 Power supply: 13KW
10. 气源 Air supply: 0.5~0.8MPa
11. 工作高度 Working height: 520~580mm

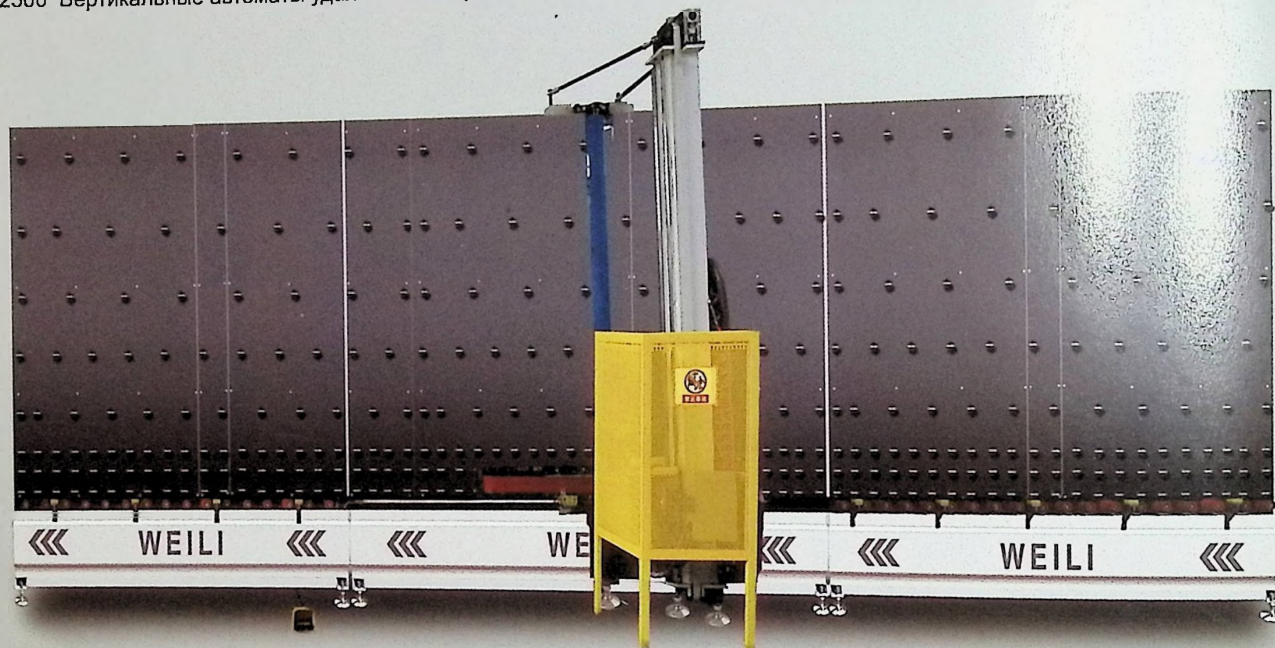
主要技术参数 (Main Technique Parameter)

产品型号 Product model	最大玻璃尺寸 Max. glass size	供胶系统 Sealant-mixing System	两层 Double glazing	三层 Triple glazing	四层 four layers	设备尺寸 L × W × H Dimension mm	功能段 Function section
WL2000-42	2000 × 3000mm	双供胶系统 Two	√	√	√	8280 × 3000 × 2950	4
WL2500-42	2500 × 3500mm	双供胶系统 Two	√	√	√	8280 × 3200 × 3400	4

WLCM2000/2500 立式全自动除膜机

WLCM2000/2500 Vertical Automatic Coating Deletion Machine

WLCM2000/2500 Вертикальные автоматы удаления мембраны



主要性能特点 (Main Feature)

1. 全程采用基恩士运动控制系统, 人机界面触摸屏
 2. 自动识别LOW-E 玻璃镀膜层面
 3. 四轴伺服控制系统
 4. 双向上料工作方式
 5. 磨轮接触膜面自动调压系统
 6. 自动除尘功能、磨轮自动修整功能
1. The machine adopts KEYENCE motion control system and touch screen interface
2. LOW-E glass automatic coating identification
3. Four axis servo control system
4. Two-way glass input
5. Abrasive wheel contact surface pressure auto adjustment system
6. Auto dedusting function、Auto abrasive wheel modification function

技术参数 Technical Parameter

- 加工玻璃最大尺寸 (Max.glass processing size) : 2000 × 3000mm/ 2500 × 3500mm
加工玻璃最小尺寸 (Min.glass processing size) : 300 × 400mm
除膜玻璃厚度 (Glass thickness) : 3~19mm
玻璃传送速度 (Glass transmission speed) : 30m/min
玻璃除膜速度 (Edge deleting speed) : 0~15m/min
磨轮宽度 (Abrasive wheel width) : 10/12/15mm
气源 (Air supply Flow) : 0.2m³/min
流量 (Air pressure) : ≥0.8Mpa
电功率 (Total Power) : 3P 380V 50HZ 15KW
外形尺寸 (Dimension) L*W*H : 7900 × 2100 × 3350mm

LQ2000/2500/2700/3000/3300 立式玻璃清洗干燥机

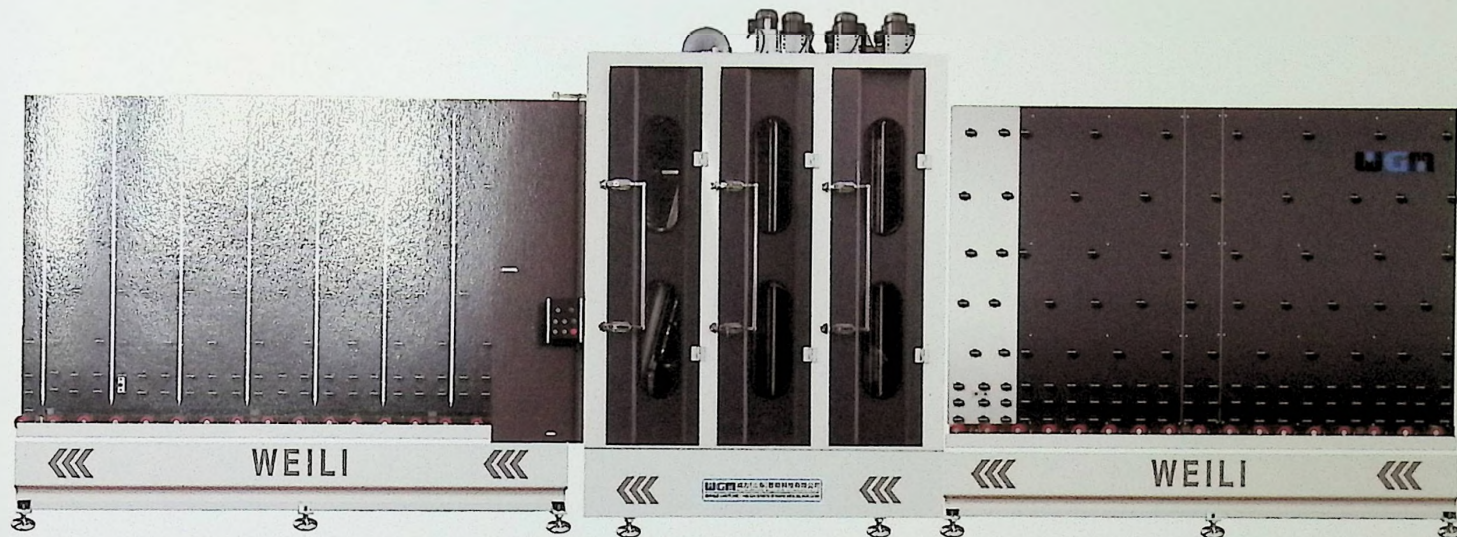
LQ2000/2500/2700/3000/3300 Vertical Automatic Glass Washing And Drying Machine

LQ2000/2500/2700/3000/3300 Вертикальная автоматическая стеклянная стиральная машина для сушки



专业玻璃机械制造商

TO BE EXCELLENT GLASS EQUIPMENT MANUFACTURER



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	
LQ2500	2500×3500 2500×4200	✓	选装 optional	9700×2800×3450 11100×2800×3450	选装 optional	选装 optional	
LQ2700	2700×4500	✓	选装 optional	11500×3000×3650	选装 optional	选装 optional	
LQ3000	3000×6000	✓	选装 optional	16000×3300×4250	选装 optional	选装 optional	
LQ3300	3300×6000	✓	选装 optional	16000×3300×4250	选装 optional	✓	

WL-2000 丁基胶涂布机

WL-2000 Butyl Extruder Machine

WL-2000 Машина нанесения клея бутила модели



主要性能特点 (Main Feature)

1. 根据铝条宽度自动调节两个胶嘴的距离, 可达27mm
 2. 可加工弧形铝框
 3. 最大装胶量14L
 4. 设备自带缺胶报警系统
1. Butyl extruder can automatically process frames from 27mm width.
2. A timer enables the pre-heating of butyl ahead of the start of operation.
3. Possible to control the length of butyl application and monitoring current production quantity on the touch screen.
4. The machine has sealant shortage alarm system

主要技术参数 (Main Technique Parameter)

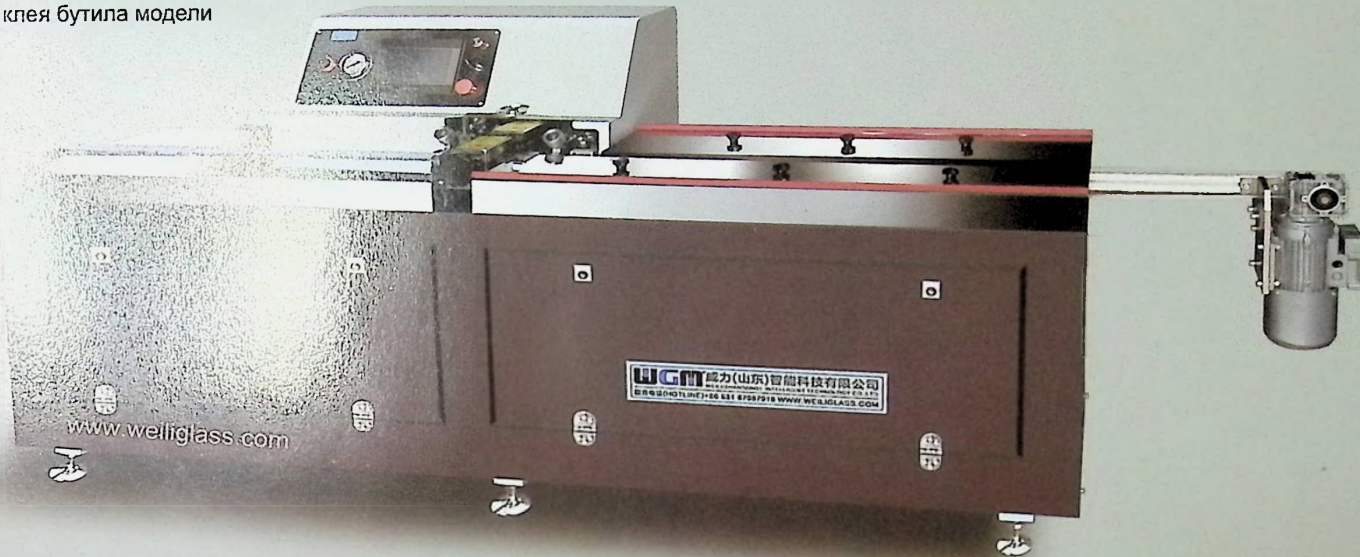
- 设备尺寸 (Machine sizes) :
- 3000mm(L) × 600mm(w) × 950mm(H)
- 铝框宽度 (Spacer width) : 6~27mm
- 最小铝框 (Minimal size) : 250mm × 250mm
- 速度 (Speed) : 0~35m/min
- 容量 (Butyl volume) : 14L(2blocks)
- 电压 (Power source) : AC 380V 3ph 50HZ
- 功率 (Total power) : 3.75kw
- 气源压力 (Air pressure) : ≥8kgf/cm²
- 总重量 (Total weight) : 850kg



WL-3000 丁基胶涂布机

WL-3000 Butyl Extruder Machine

WL-3000 Машина нанесения клея бутила модели



主要性能特点 (Main Feature)

1. 根据铝条宽度自动调节两个胶嘴的距离, 可达27mm
Butyl extruder can automatically process frames from 25mm width.
2. 液压可启动双路系统确保稳定性能
The feeding nozzles can be positioned to deliver uniform sealing.
3. 工作速度可调节至5~47m/min
Pneumatic operation of the butyl process is controlled by a PLC that electronically regulates the temperature of the butyl heaters.
4. 可加工弧形铝框 A timer enables the pre-heating of butyl ahead of the start of operation.
5. PLC和触摸屏控制 The height adjustment is available according to the frame size. And the nozzle width shall be controlled by pneumatic and hydraulic parallel method.
6. 可以选择定时开机 Conveyor speed can be adjusted with 5 conveyor speed.
7. 设备自带缺胶报警系统 The machine has sealant shortage alarm system

主要技术参数 (Main Technique Parameter)

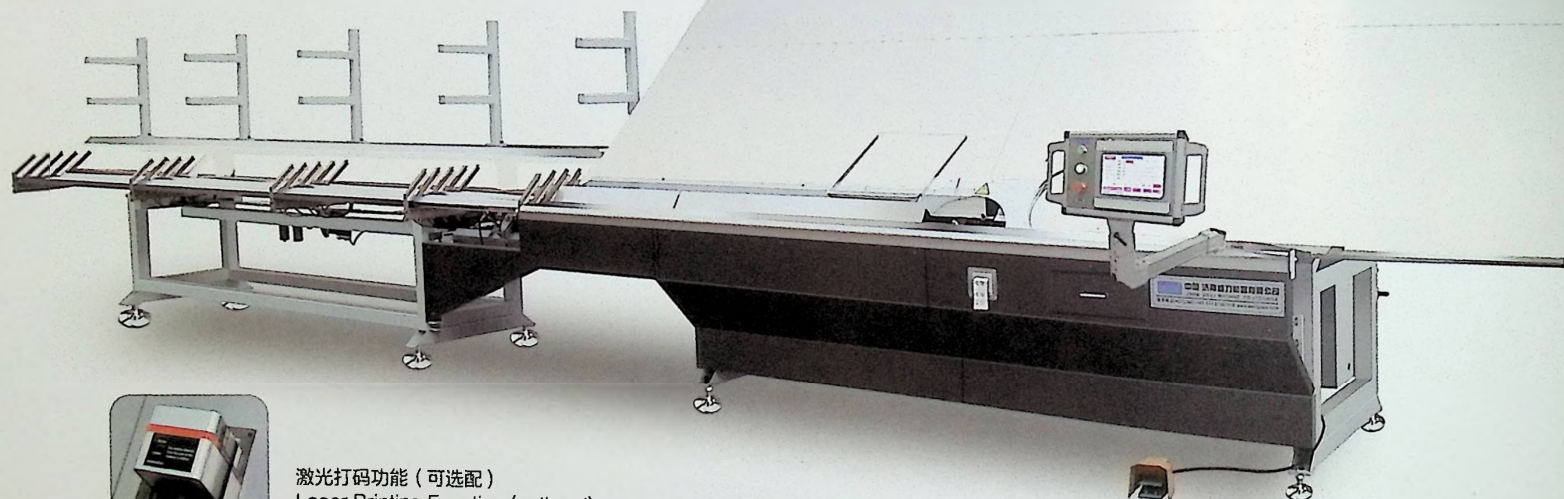
- 设备尺寸 (Machine sizes) : 3000mm(L) × 700mm(w) × 950mm(H)
 铝框宽度 (Spacer width) : 6~27mm
 最小铝框 (Minimal size) : 250mm × 250mm
 速度 (Speed) : 5~47m/min
 容量 (Butyl volume) : 14L(2blocks)
 电压 (Power source) : 380V 50HZ 功率 (Total power) : 5.7kw
 气源压力 (Air pressure) : ≥0.6MPa
 总重量 (Total weight) : 890kg



LWJ01 铝条全自动折弯机

LWJ01 Automatic Bar Bending Machine

LWJ01 Стол ломка бар полуавто



激光打码功能 (可选配)
Laser Printing Function (optional)

主要性能特点 (Main Feature)

1. 采用伺服电机送料和折弯, 折弯速度快, 误差少。
2. 四个储料槽, 可以分别存放4种不同规格长度的铝条。
3. 折弯和切割时自动避让铝条连接处、圆弧处, 折弯后自动切割
4. 可以折方形, 异形间隔框。
1. It adopts servo motor for feeding and bending, the bending speed is fast and the error is reduced.
2. There are four storage areas, which can store aluminum spacer strips with 4 different specifications and lengths respectively.
3. When bending and cutting, it can automatically avoid the joints and arcs of spacer strips, and it can cut after bending automatically.
4. Can bend rectangle and shaped frame spacers.

主要技术参数 (Main Technique Parameter)

- 加工铝条最大尺寸 (Max spacer frame size) : $2500 \times 3000\text{mm}$
加工铝条最小尺寸 (Min spacer frame size) : $250 \times 300\text{mm}$
铝条宽度 (Spacer width range) : $5.5 \sim 30\text{mm}$
尺寸误差 (Size tolerances) : $\leq \pm 0.5\text{mm}$
气压 (Air pressure) : $\geq 0.8\text{MPa}$
角度误差 (Angle tolerances) : $\leq \pm 1$
加工速度 (Production speed) : $\leq 30\text{s/ps}$
电功率 (Power supply) : 3P 380V 50HZ 3.5KW
外形尺寸 (Dimension) : $10500 \times 2100 \times 2200\text{mm}$

BFGJ03 全自动分子筛灌装设备

BFGJ03 Automatic Desiccant Filling Machine

BFGJ03 Станок автоматического заполнения

主要性能特点 (Main Features)

1. 采用欧姆龙PLC控制，采用台湾威纶触摸屏，
2. 操作界面直观、简洁
3. 采用台湾亚德克气动元件
4. 可自动钻孔、灌装、封胶
5. 可灌装自动折弯机成形的铝框和普通插角铝框
6. 灌装高度可以根据铝框大小调节

1. Adopt Omron PLC control, Weilun (Taiwan) touch screen,
2. Intuitive and concise operation interface
3. Adopt Taiwan AirTAC pneumatic components
4. Can automatic drilling the hole, filling the molecular sieve and sealing the hole
5. It can fill the molecular sieve into the formed aluminum frames bended by automatic bending machines, as well as the ordinary connected aluminum frames by plastic connectors
6. The filling head height can be adjusted according to the size of the aluminum frame

主要技术参数 (Main Technique Parameter)

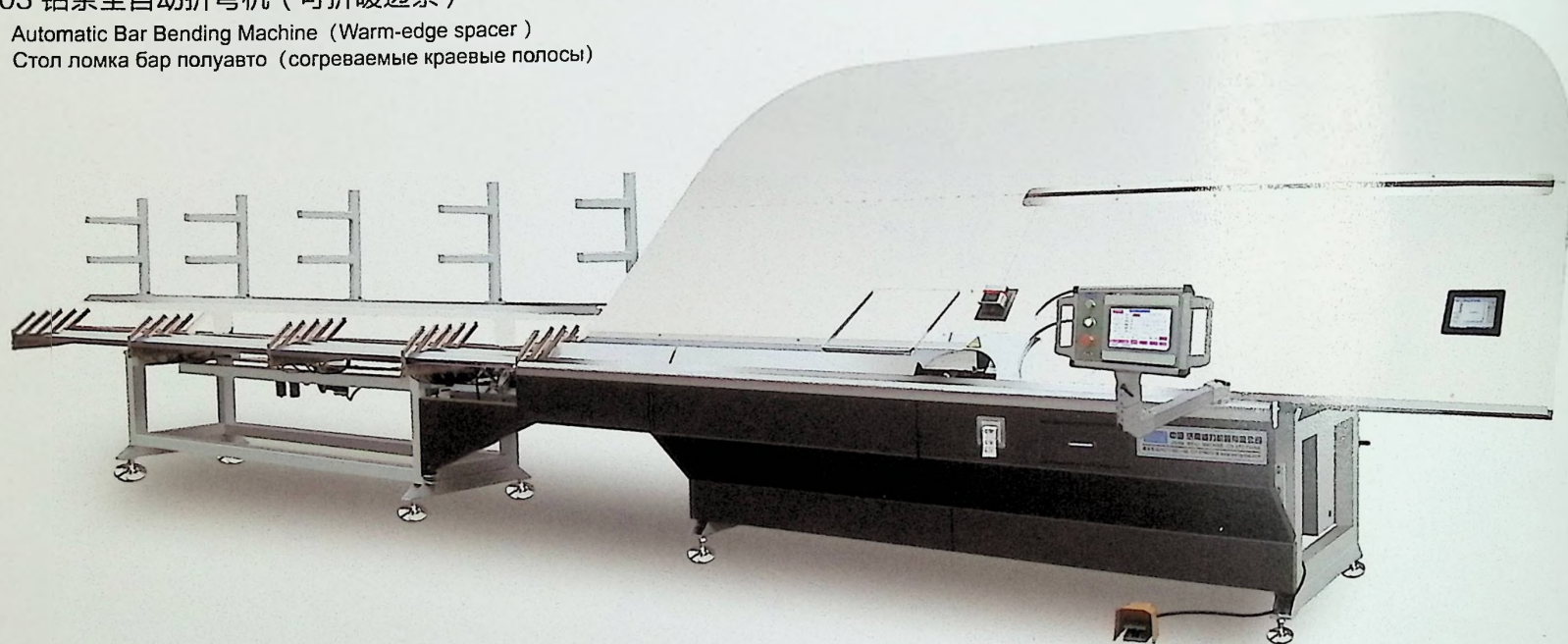
- 分子筛直径 (Desiccants' Diameter) : 0.5~0.8mm
 铝条宽度 (Aluminum Frame Width) : 5.5~27mm
 加工铝条最大尺寸 (Max spacer frame size): 2000 × 2000mm
 加工铝条最小尺寸 (Max spacer frame size): 250 × 300mm
 气压 (Air Pressure) : 0.6~0.8MPa
 电功率 (Power supply) : 220V 50HZ 1KW
 外形尺寸 (Dimension) : 1100 × 1100 × 3600mm



LWJ03 铝条全自动折弯机 (可折暖边条)

LWJ03 Automatic Bar Bending Machine (Warm-edge spacer)

LWJ03 Стол ломка бар полуавто (согреваемые краевые полосы)



主要性能特点 (Main Feature)

1. 每个折弯角部采用特殊的加热装置, 提高角部折弯效果。
 2. 设有辅助夹持装置, 提高大框折弯及运行速度, 保证折弯铝框整体效果。
 3. 配有冷却定型专用装置, 缩短成型时间, 提高折弯角部平整度。
 4. 具有激光打码功能。
1. Each bending corner is processed by the special heating device, to improve the corner bending effect.
2. Equipped with an auxiliary clamping device, which can increase the bending and running speed of big spacer frame, and ensure the overall effect of bending aluminum frame.
3. Equipped with special cooling and shaping device, which shorten the forming time, improve the smoothness of the bending corner.
4. Laser Printing Function.

主要技术参数 (Main Technique Parameter)

- 加工铝条最大尺寸 (Max spacer frame size) : $2500 \times 3000\text{mm}$
- 加工铝条最小尺寸 (Min spacer frame size) : $250 \times 300\text{mm}$
- 铝条宽度 (Spacer width range) : $5.5 \sim 30\text{mm}$
- 尺寸误差 (Size tolerances) : $\leq \pm 0.5\text{mm}$
- 气压 (Air pressure) : $\geq 0.8\text{MPa}$
- 角度误差 (Angle tolerances) : $\leq \pm 1$
- 加工速度 (Production speed) : $\leq 30\text{s/ps}$
- 电功率 (Power supply) : 3P 380V 50HZ 3.5KW
- 外形尺寸 (Dimension) : $10500 \times 2100 \times 2200\text{mm}$

FZJ02 分子筛灌装机 (半自动)

FZJ02 Desiccant Filling Machine (Semi-automatic)

FZJ02 Станок для заливки силикагеля

技术参数 (Technical Parameter)

电功率 (Power supply) : AC220V 50Hz

气压 (Air Pressure) : 0.5~0.8Mpa

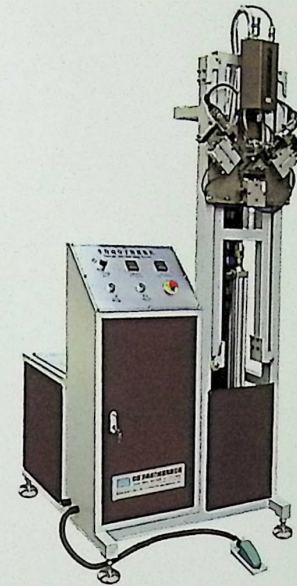
铝条宽度 (Aluminum Frame Width) : 5.5~22.5mm

分子筛直径 (Desiccants' Diameter) : 0.4~0.6mm

加工铝条最大尺寸 (Max spacer frame size): 2000 × 2000mm

加工铝条最小尺寸 (Max spacer frame size): 250 × 250mm

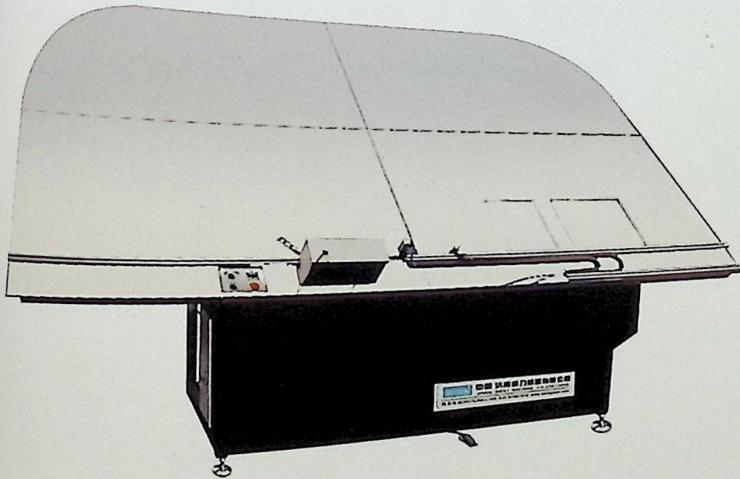
外形尺寸 (Dimension) : 1080 × 980 × 2680mm



LWJ02 铝条半自动折弯机

LWJ02 Semi-automatic Bar Bending Machine

LWJ02 Стол ломка бар полуавто.



主要性能特点 (Main Feature)

1. 本机用于中空玻璃铝间隔框矩形折弯
2. PLC控制系统, 定位可靠, 运行平稳, 加工铝框范围大

1. This machine is used for bending rectangular aluminum spacer frame of insulating glass
2. PLC control system, reliable positioning, stable operation, large processing range of aluminum spacer frame

主要技术参数 (Main Technique Parameter)

气源压力 (Air pressure) : 0.5~0.8MPa

铝框尺寸 (alu spacer Size) : Max. 2000 × 2500mm Min: 250 × 250mm

折弯角度 (Bending angle) : 90°

铝隔条宽度 (Width of alu spacer) : 5.5~22.5mm

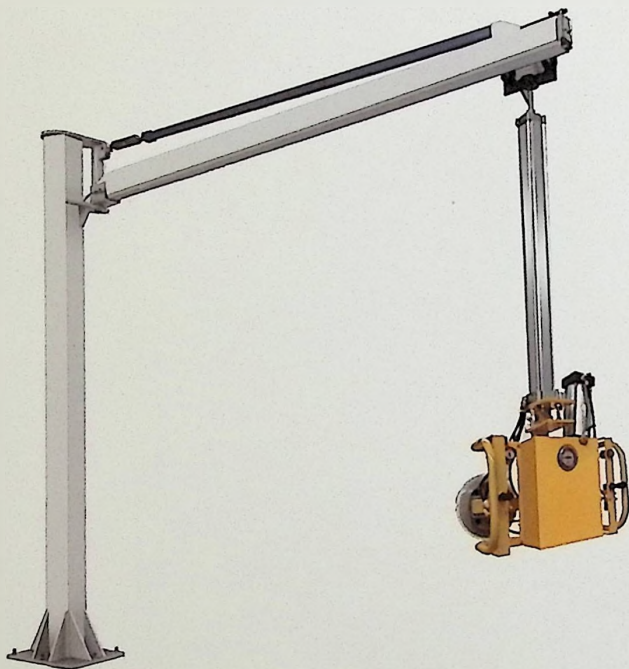
电功率 (Power supply) : 220V 50HZ 2.5KW

外形尺寸 (Dimension) : 4000 × 1500 × 1950mm

WL150/200玻璃吸盘吊架(2个吸盘/4个吸盘)

WL150/200 Glass Vacuum Lifter(2/4 suckers)

WL150/200 Стекло присоски вешалка(2/4 Присоска)



主要技术参数 (Main Technique Parameters)

产品型号 Product model	WL150	WL200
吸盘数量 Sucker number	2个	4个
吸盘尺寸(mm) Sucker Dimension	600 × 600 × 10	700 × 700 × 800
吸盘限重 Sucking weight	150KG	200KG
翻转角度 Turning angel	侧翻90°	侧翻90°
气缸行程(mm) Cylinder stroke	1250	1050
立柱高度(mm) Pillar height	3950	3950
悬臂长度(mm) Cantilever length	4270	4270

FZG03 分子筛灌装机

FZG03 Desiccant Filling Machine

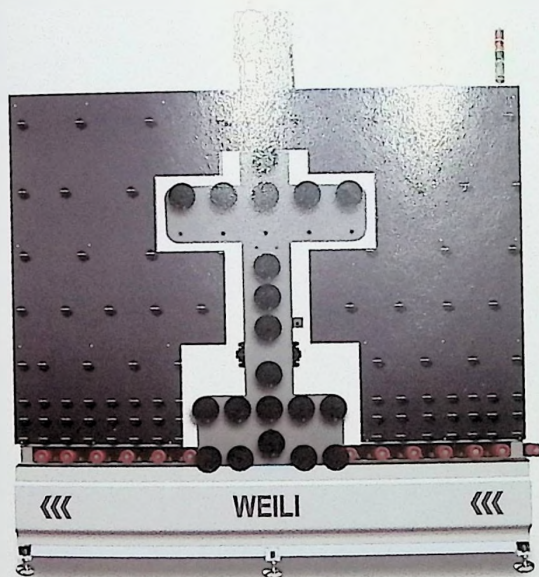
FZG03 Машина погрузки наливом молекулярного сита модели



WLSP2000/2500中空玻璃全自动上片机

WLSP2000/2500 Automatic Insulating Glass Loading Machine

WLSP2000/2500 Автоматическая машина Показы



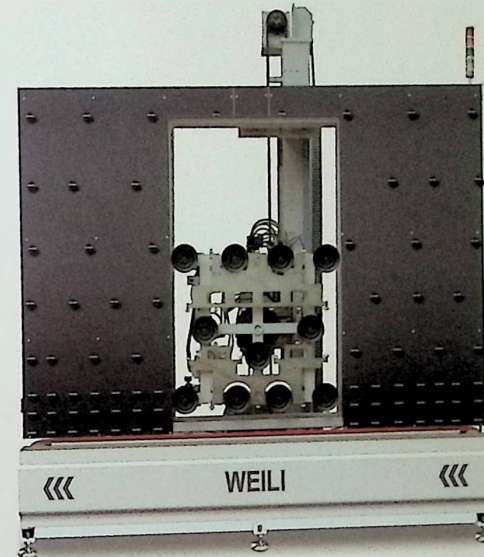
技术参数Technical Parameter

最大玻璃尺寸 (Max Glass size) : 2000 × 3000 mm / 2500 × 3500mm
 上片玻璃厚度 (Glass thickness) : 4~12mm
 吸臂速度 (Suction arm speed) : 0~12m/min
 吸臂伸出最大尺寸 (The Max size of suction arm stretched out) : 800mm
 摆臂工作角度 (The work angle of swing arm) : 84~100°
 总耗气量 (Air consumption) : 100L/min
 总功率 (Total Power) : 10KW
 总重量 (Total weight) : 2000KG
 外形尺寸 (Dimension) : 2650 × 2600 × 2900mm / 3150 × 2600 × 3350mm

WLXP2000/2500中空玻璃全自动下片机

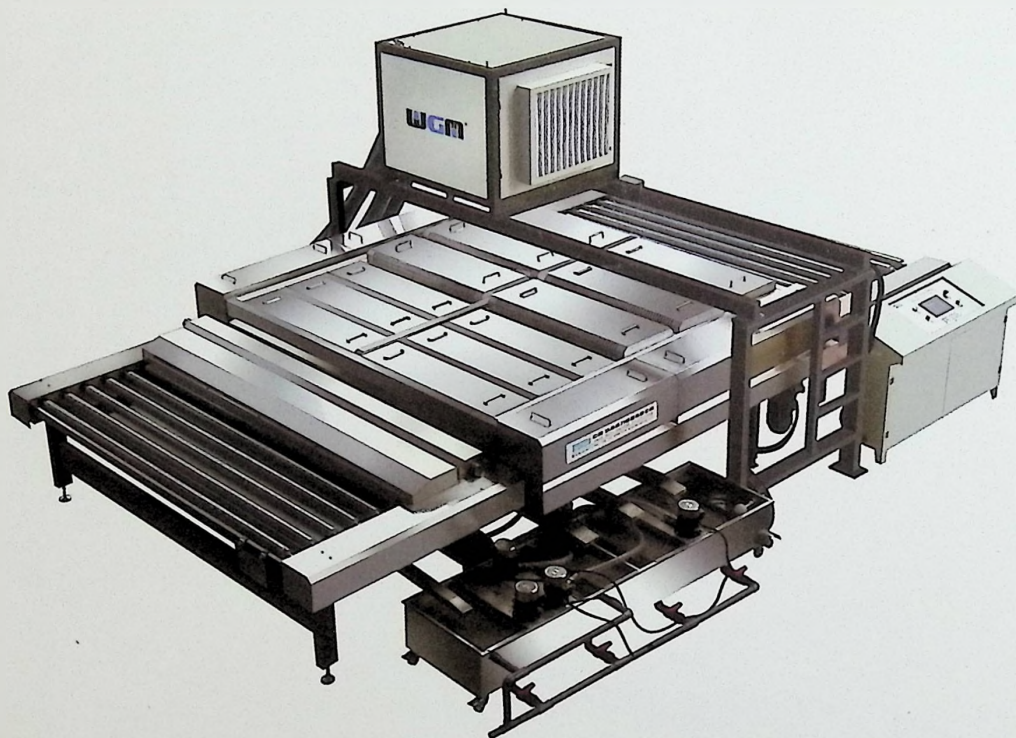
WLXP2000/2500 Automatic Insulating Glass Unloading Machine

WLXP2000/2500 Автоматическая машина Показы



技术参数Technical Parameter

最大玻璃尺寸 (Max Glass size) : 2000 × 3000 mm / 2500 × 3500mm
 下片玻璃厚度 (Glass thickness) : 12~60mm
 吸臂速度 (Suction arm speed) : 0~12m/min
 吸臂伸出最大尺寸 (The Max size of suction arm stretched out) : 800mm
 摆臂工作角度 (The work angle of swing arm) : 84~100°
 总耗气量 (Air consumption) : 100L/min
 总功率 (Total Power) : 10KW
 总重量 (Total weight) : 2000KG
 外形尺寸 (Dimension) : 2650 × 2600 × 2900mm / 3150 × 2600 × 3350mm



QX2500C 玻璃清洗机 (LOW-E)

QX2500C Glass Washing and Drying Machine (LOW-E)

QX2500C Стекломывальная установка для очистки стекла (LOW-E)

技术参数 (Main technical parameter)

- 最大玻璃宽度 (Max width of glass) : 2500mm
- 最小玻璃规格 (Min length of glass) : 400 × 400mm
- 玻璃厚度 (Glass thickness) : 3~19mm
- 玻璃传送速度 (Glass conveyor speed) : 0.6~6.5m/min
- 台面高度 (Height of operation platform) : 880mm ± 20
- 总功率 (Total power) : 29.95KW
- 电源 (Power) : 380VAC 50HZ
- 重量 (Weight) : About 4200kg
- 外形尺寸 (Dimension) : 6590 × 3800 × 3100mm

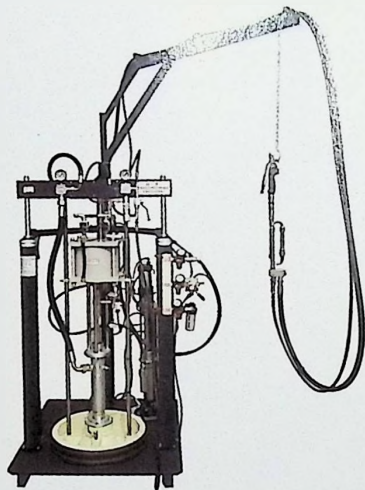
主要性能特点 (Main Features)

- 1、传送胶辊直径为75mm，胶辊经久耐用。
- 2、主传动采用伞齿轮传动，变频调速、数字显示、清洗段毛刷辊转动分别由上、下毛刷由三组电机分别驱动，上部两组，下部一组电机通过皮带带动毛刷转动；
- 3、清洗段和风干段可整体电动升降到400 mm，配有高强度螺杆升降机构，操作简单，方便设备的维护、保养和检修。
- 4、毛刷(150mm)三对，轴头采用不锈钢材料加工配置、可洗硬/软LOW-E、普通镀膜和阳光镀膜玻璃。
- 5、适应于对清洗风干效果要求极高的玻璃钢化炉、丝印线、夹层线等设备的配套使用。

1. Transmission rollers adopt diameter of 75mm durable rubber rollers.
2. Main transmission adopts bevel gear drive with frequency control and digital display. The upper and lower brushes are driven separately by three motors (upper two, lower one) through belt driving to ensure smooth rotation speed with high cycle life.
3. Top frame of both washing and drying sections equipped with high strength screw can be elevated by 400mm as a whole, easy to operate, for the convenience of cleaning and maintaining.
4. Three pairs of brushes(150mm), of which shafts are processed with stainless steel material, can wash hard and soft LOW-E glass, normal coated glass and sunshine coated glass.
5. It is especially suitable for supporting use of glass tempering furnace, screen printing line, laminating line and other equipment on highly demanding for cleaning and drying effect.

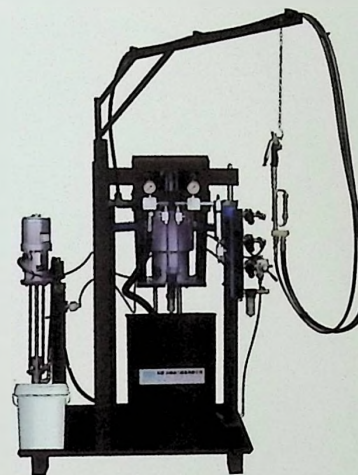
ST05双组份涂胶机 (气动型)

ST05 Sealant-spreading Machine (pneumatic working system)
ST05 Машина для нанесения двухкомпонентных клеев типа



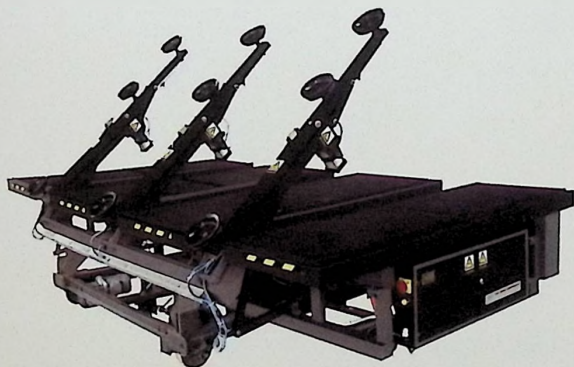
ST06 双组份涂胶机 (气马达型)

ST06 Sealant-spreading Machine (air motor system)
ST06 Машина для нанесения двухкомпонентных клеев типа



WL4323 三臂多功能切割桌

WL4323 Three-arms Multi-functional Glass Cutting Table
WL4323 три руки таблицы многофункциональный резки



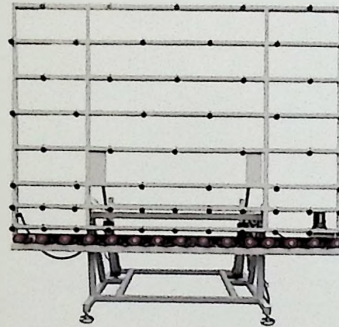
HZT01 回转涂胶台

HZT01 Rotated Sealant-spreading Table
HZT01 Ротационная платформа накатывания



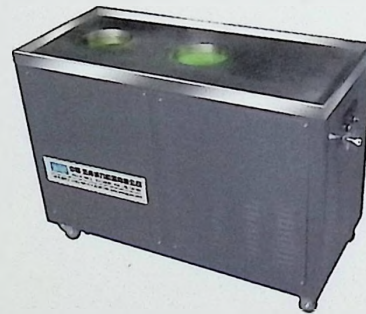
FZT08 玻璃翻转台

FZT08 Glass Tilting and Breaking Table
FZT08 Стекло Флип стол



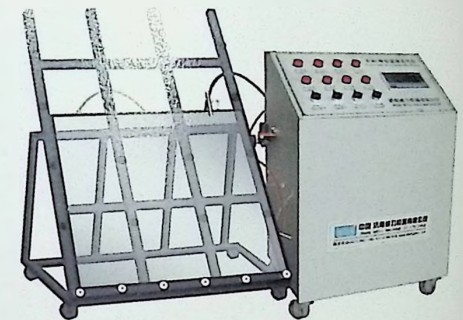
LDX03 胶枪冷冻箱

LDX03 Sealant Gun Freezer
LDX03 Клей пистолет Морозильники



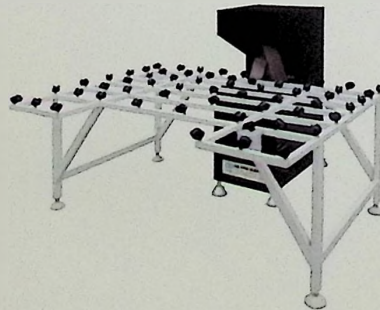
ZCJ03 中空玻璃充气机

ZCJ03 Air Filling Glass Machine
ZCJ03 Газонаполнениеаэратор для стеклопакета



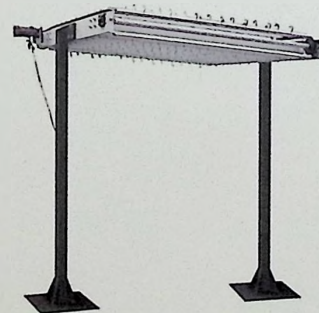
BMB95玻璃磨边机

BMB95 Edge Polishing Machine
BMB95 Машина фасетировки стекла модели



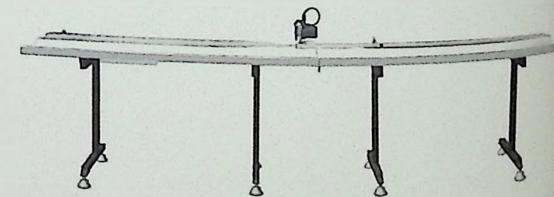
SKJ03 铝间隔框输送机

SKJ03 Semi-auto Aluminum Spacer Transfer Machine
SKJ03 Перекладчик алюминиевых промежуточных рам модели



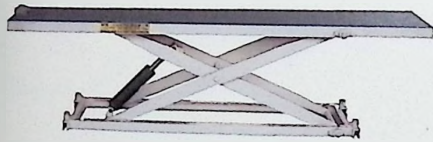
LQJ03 铝间隔条切割机

LQJ03 Aluminum Spacer Bar Cutting Machine
LQJ03 Резательная машина алюминиевых Промежуточных прутков модели



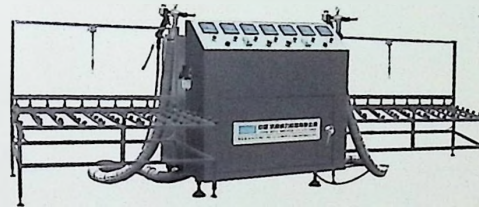
YSJT03 液压升降平台

YSJT03 Hydraulic Lifting Platform
YSJT03 Автоматический подъемник



WLRD01/02 热熔胶打胶机

WLRD01/02 Hot Melt Glue Sealing Machine
WLRD01/02 Плавящееся покрытие машины



ZSJ03 中空玻璃制水机

ZSJ03 Generating Water Machine of Insulating Glass
ZSJ03 Изоляционные стекла воду, делая машину



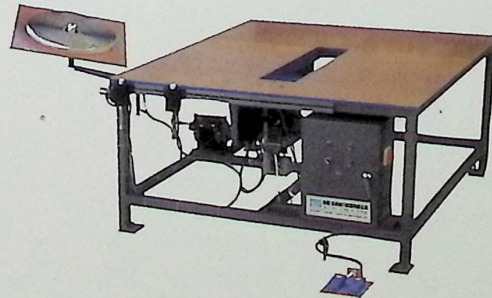
RY1500A 热压机

RY1500A Heated Roller Press Machine
RY1500A Валец для нагрева внутри-пустого стекла



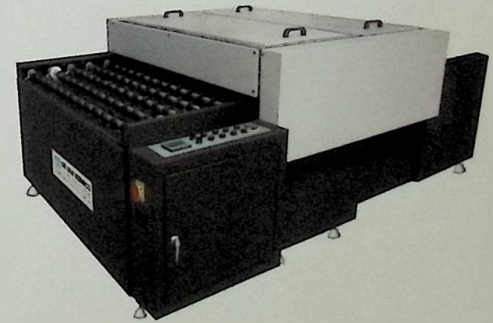
JZT1600(A) 胶条装配台

JZT1600(A) Rubber Strip Assembly Table
JZT1600(A) Лента монтаж станции



WX1600B 卧式玻璃清洗干燥机

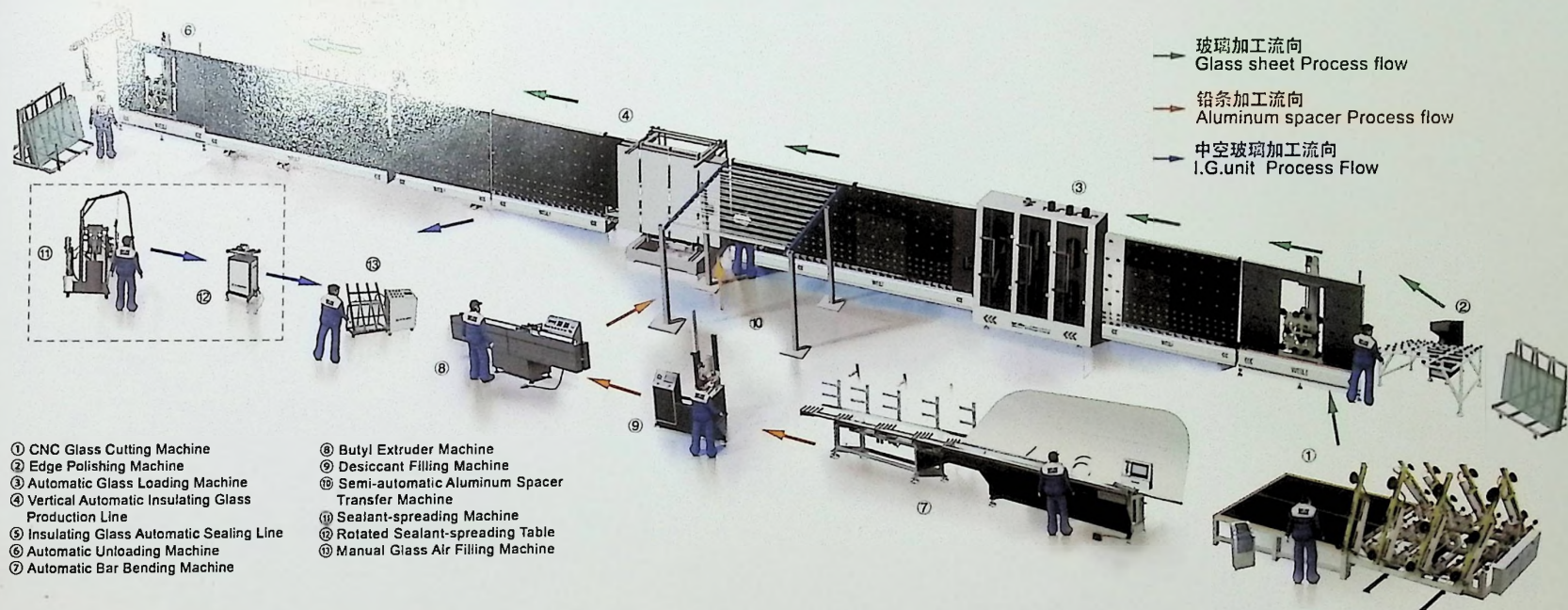
WX1600B Horizontal Glass Washing & Drying Machine
WX1600B Сушильная установка для очистки стекла



【 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	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						

工艺流程图 Technological Process





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For service, we are very careful to keep each trivial demand of our customers in mind and extend our helping hands to overcome each difficulty;

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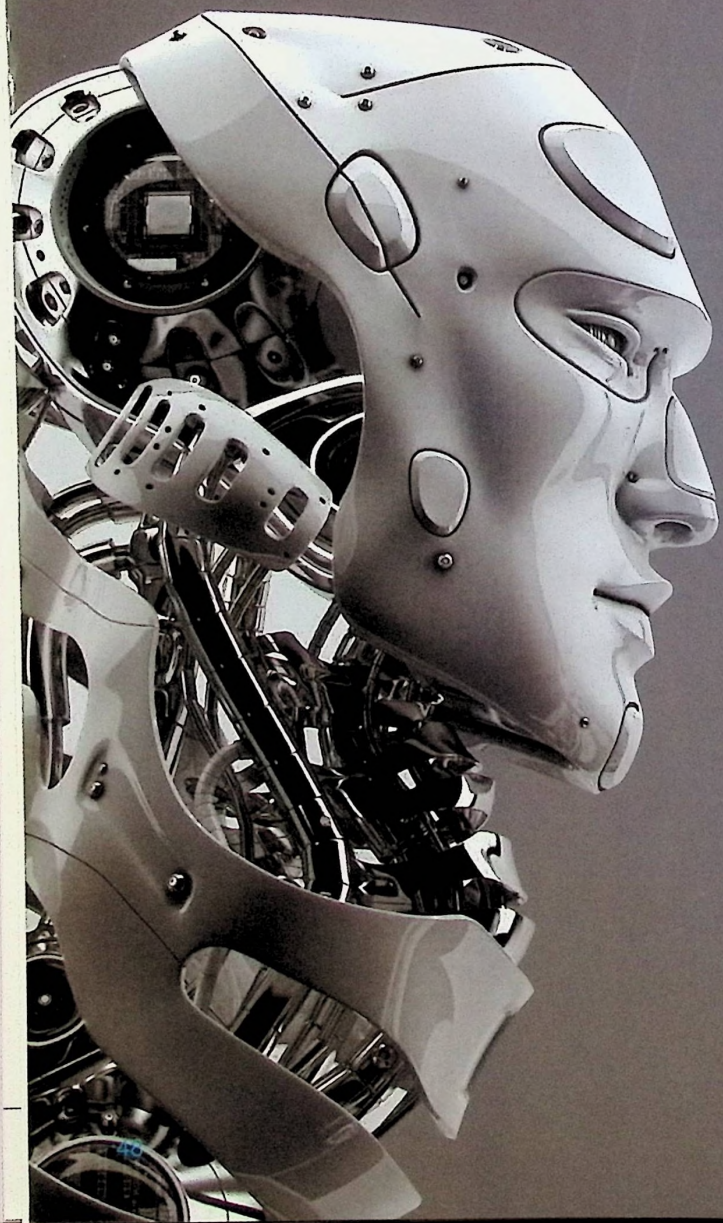
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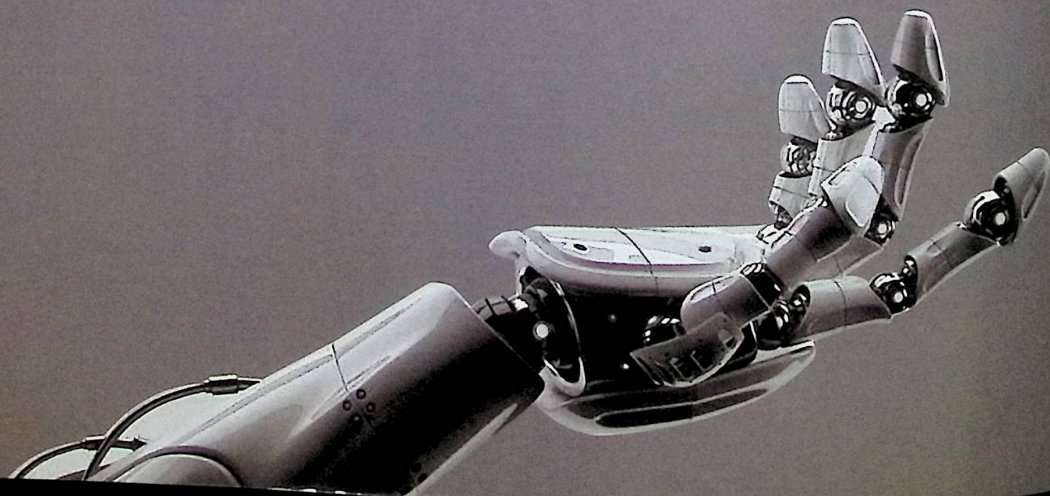
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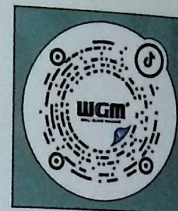
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