深圳市汉东玻璃设备制造有限公司

Shenzhen Handong Glass Equipment Manufacturing Co., Ltd.

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2022 VERSION

深圳市汉东玻璃设备制造有限公司

Shenzhen Handong Glass Equipment Manufacturing Co.,Ltd.

汉东制造 | 建筑、光伏系列产品目录

Handong Manufacturing | Architecture、Photovoltaic series products



2003年，汉东玻璃设备制造扬帆启航，2004年推出首台行业LOW-E平板玻璃清洗机；2009年推出光伏平板玻璃清洗机；2014年推出手机玻璃清洗机；2019年推出首台手表玻璃盖板清机。

乘风破浪二十载，汉东秉承工匠精神，逐渐发展成为集设计研发、加工制造、市场营销及售后服务为一体的大型玻璃设备加工企业。开发出玻璃清洗机、夹胶玻璃生产线二大系列100多个型号的设备。2022年初，通过强强合作成立江苏常州优和智能科技有限公司，为汉东发展，增添了玻璃磨边机产品系列。

汉东取得了国家高新技术企业、中国建筑玻璃与工业玻璃协会常委单位、广东省著名商标、广东玻璃行业科技创新先进企业、深圳市专精特新企业认定等诸多荣誉。

经过20年的匠心打磨，建立了钣金、焊接、机加、喷涂、电气安装等工序齐全的加工生产部门。强大的生产能力，保障了产品的及时交付，全方位的质量管控，为客户提供可靠的品质保障。汉东与国内蓝思科技、华星光电、信利光电、富士康、伯恩光学、福莱特集团、中建材、旗滨集团、耀皮集团、福耀集团、圣戈班集团、台玻集团等一千多家加工企业深度合作，汉东制造的设备出口到五大洲、四大洋几十个国家和地区。

2022年，汉东迎来发展的新起点，正建设面积五万平方米的江苏常州生产基地，未来的汉东，立足深圳、常州两个生产基地，继续在建筑玻璃深加工、电子产品薄片玻璃加工、太阳能光伏玻璃深加工、新能源汽车玻璃深加工这四个领域深耕细作，围绕玻璃清洗机、玻璃磨边机、玻璃夹胶生产线三大核心系列产品，做精做透，不断推出满足客户需求的产品。

为客户创造价值是汉东人不懈的追求！

Year 2003, Handong Glass Equipment Manufacturing Co. LTD made sail; year 2004 , Handong launched the first high-end industry low-E flat glass washing machine;year 2009, Handong launched the photovoltaic flat glass integrated washing machine; year 2014,Handong launched the glass plate washing machine for mobile phones. Year 2019,Handong launched the first watch glass cover washing machine.

In the past 20 years, Handong has been adhering to the craftsman spirit,gradually developed into a large-scale glass deep processing equipment manufacturer integrating design, research and development, processing and manufacturing, marketing and after-sales service. developing glass washing machine series, the whole line of laminated glass production project series,this two series include more than 100 models of equipment.In early 2022, through strong cooperation, Changzhou Youhe Intelligent Technology Co., Ltd. was established, which added edge grinding machine product series to the development of Handong.

Handong has obtained 'the National High-tech Enterprises';'China Building Glass and Industrial Glass Association Member Units'; 'Guangdong Famous Trademark'; 'Advanced Enterprise of Guangdong Science and Technology Innovation in the glass industry'; 'specialization New Enterprises in shenzhen city cognizance', and many other honors.

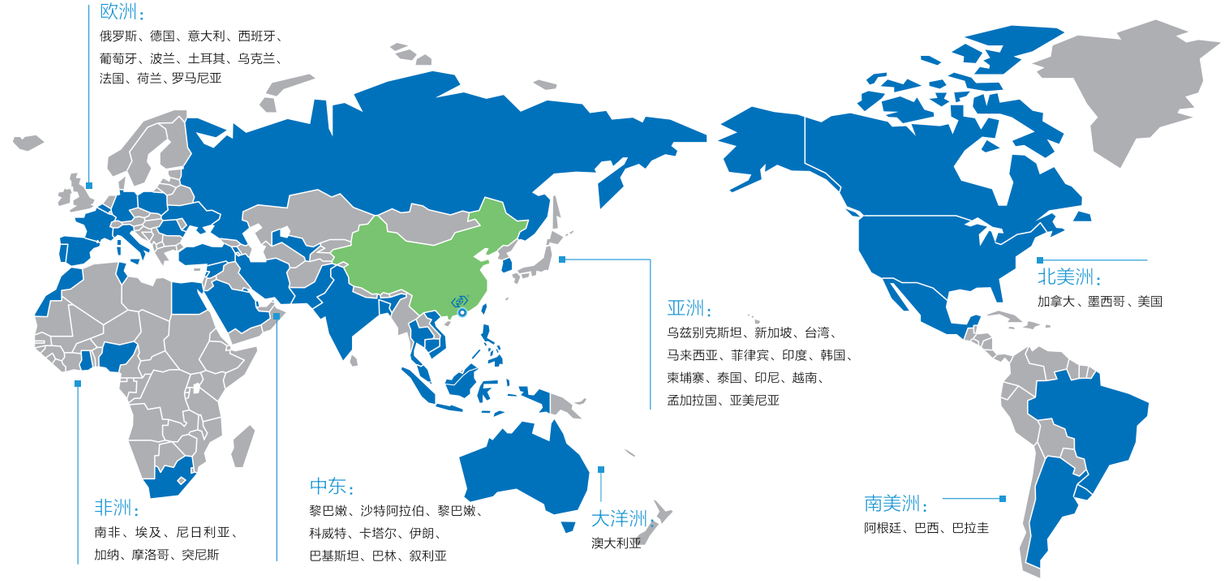
Shenzhen Handong Glass Equipment Manufacturing Co., LTD., 20 years of craftsmanship grinding, established sheet metal, welding, machine adding, spraying, electrical installation and other processes complete processing production department, strong production capacity to ensure the delivery and aging of products, a full range of quality control, to provide customers with reliable quality assurance. Deep cooperation with Lens Technology, Huaxing Optoelectronics, Xinli Optoelectronics, Foxconn, Born Optics, Flat Group, China Building Materials, South Glass Group, kibing Group, PSG Group, Fuyao Group, Taiwan Glass Group, Saint-Gobain Group and other more than 1,000 processing enterprises.The machine of Handong is exported to dozens of countries and regions on five continents and four oceans.

In 2022, Handong ushered in a new starting point for its development.Handong is building a production base in Changzhou with an area of 50,000 square meters. Handong will owns two production bases in shenzhen and changzhou in the future,it Continuing to work intensively in this four fields: deep processing of archetecture glass, thin sheet glass processing of electronic products, deep processing of solar photovoltaic glass and deep processing of new energy vehicle glass. focusing on this three core series of glass washing, glass edge grinding, glass laminated products, do fine and thorough, constantly introduce products to meet customer needs.

Creating value for customers is the unremitting pursuit of Handong people!

科技造就汉东　创新服务世界

Science and Technology Create HANDONG. Innovation Serves World.



Certificate of Honor
荣誉证书

国家高新技术企业

注意技术创新，不断开发新产品，为了给用户提供满意的产品和技术服务，我们将一如既往的坚持与奋进











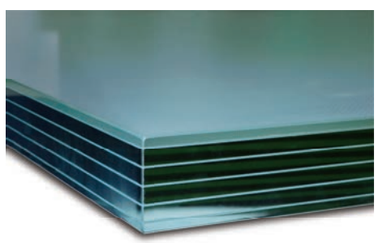




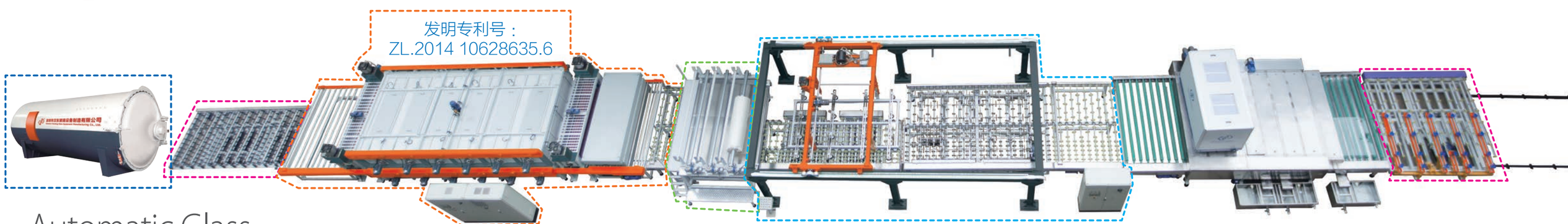


Letters of Patent
专利证书









Automatic Glass Production Lines
全自动安全玻璃生产线

产品优势

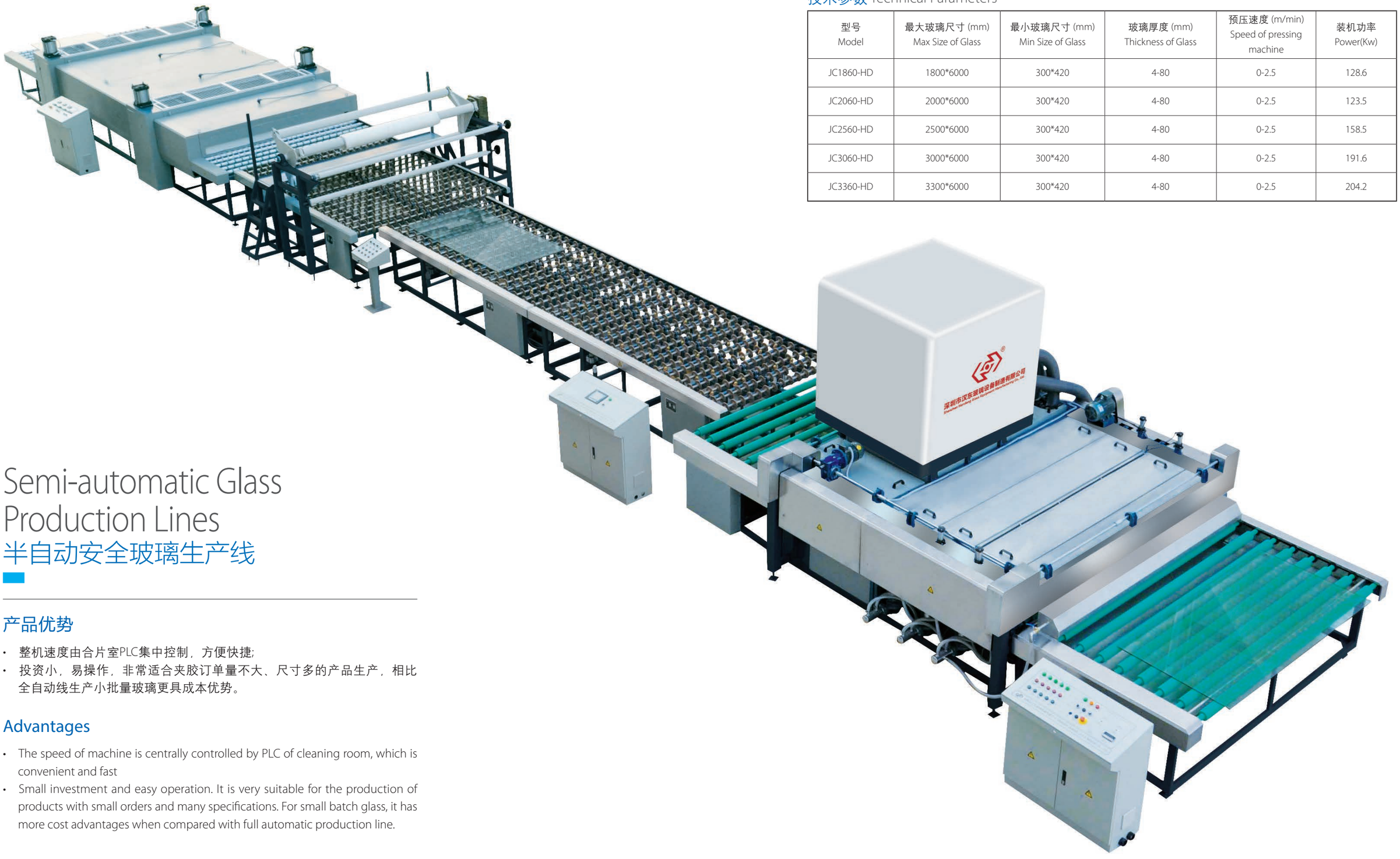
全自动夹层玻璃生产线采用PLC系统集中控制，自动完成玻璃上片、清洗、合片、预压到下片整个生产过程。
- 自动化、智能化夹层玻璃生产线；
- 可通过网络实时远程监控生产线运行状态及维护；
- 玻璃自动定位、自动完成合片、合片精度±0.5mm；
- 模块化设计，可提供不同的配置。

Advantages

Automatic laminated glass production line is centrally controlled by PLC and automatically complete whole production processes:
- Loading, cleaning, assembling, pre-pressing and unloading.
- Automation and intelligence laminated glass production line;
- It can monitor the running status and maintenance of production line through network;
- It can achieve position and laminate glass automatically with accuracy of ±0.5mm;
- Modular design and can provide different configurations.

技术参数 Technical Parameters

型号 Model	玻璃尺寸 (mm)（自动合片）Size of Glass (Automatically)	玻璃尺寸 (mm)（手动合片）Size of Glass (Manually)	最小玻璃尺寸 (mm) Min Size of Glass	玻璃厚度 (mm) Thickness of Glass	传动速度 (m/min) Speed of Transmission	预压速度 (m/min) Speed of pressing machine	装机功率 Power(Kw)
Jc1840Q-HD	1800*4000	1400*6000	300*400	4-80	5-25	0-5	299.5
JC2040Q-HD	2000*4000	2000*6000	300*400	4-80	5-25	0-5	302.6
JC2540Q-HD	2500*4000	2500*6000	300*400	4-80	5-25	0-5	319.8
JC2560Q-HD	2500*6000	2500*10000	300*400	4-80	5-25	0-5	322
JC3060Q-HD	3000*6000	3000*10000	300*400	4-80	5-25	0-5	330.8
JC3360Q-HD	3300*6000	3300*10000	300*400	4-80	5-25	0-5	332.6
JC33200Q-HD	3300*10000	3300*20000	500*500	4-80	5-25	0-5	414.37
JC36180Q-HD	3600*9000	36000*18000	500*500	4-80	5-25	0-5	475



Semi-automatic Glass Production Lines
半自动安全玻璃生产线

产品优势

- 整机速度由合片室PLC集中控制，方便快捷;
- 投资小，易操作，非常适合夹胶订单量不大、尺寸多的产品生产，相比全自动线生产小批量玻璃更具成本优势。

Advantages

- The speed of machine is centrally controlled by PLC of cleaning room, which is convenient and fast
- Small investment and easy operation. It is very suitable for the production of products with small orders and many specifications. For small batch glass, it has more cost advantages when compared with full automatic production line.

技术参数 Technical Parameters

型号 Model	最大玻璃尺寸 (mm) Max Size of Glass	最小玻璃尺寸 (mm) Min Size of Glass	玻璃厚度 (mm) Thickness of Glass	预压速度 (m/min) Speed of pressing machine	装机功率 Power(Kw)
JC1860-HD	1800*6000	300*420	4-80	0-2.5	128.6
JC2060-HD	2000*6000	300*420	4-80	0-2.5	123.5
JC2560-HD	2500*6000	300*420	4-80	0-2.5	158.5
JC3060-HD	3000*6000	300*420	4-80	0-2.5	191.6
JC3360-HD	3300*6000	300*420	4-80	0-2.5	204.2

Full Forced Convection Furnace
强制对流炉



技术参数 Technical Parameters

型号 Model	最大玻璃尺寸 (mm) Max Size of Glass	玻璃厚度 (mm) Thickness of Glass	预压速度 (m/min) Speed of pressing machine	装机功率 (Kw) Power
UY18Q-HD	1800*6000	4-80	0-5	249
UY20Q-HD	2000*6000	4-80	0-5	251
UY25Q-HD	2500*6000	4-80	0-5	255
UY30Q-HD	3000*8000	4-80	0-5	260
UY33Q-HD	3300*8000	4-80	0-5	265
UY36Q-HD	3600*8000	4-80	0-5	270

产品优势

- 满足所有夹胶玻璃：钢化平板夹胶、原片玻璃夹胶、LOW-E玻璃夹胶、SGP夹胶玻璃及BIPV组件夹胶等；
- 产品质量高：强制对流结构采用交叉式风栅结构，风压均匀，温度自动调节；
- 生产效率高：采用强制对流加热方式，提高热交换率，与传统预压机速度提高30%；
- 自动化控制系统：采用PLC集中控制，PID自动调节温度，菜单式管理。

Advantages

- Suitable for all laminated glass: tempered flat laminated glass, sheet laminated glass, low-E laminated glass, SGP laminated glass and BIPV module laminated glass, etc;
- High product quality: Forced convection adopts cross-type wind grid structure to ensure uniform wind pressure; The temperature can be automatically adjusted;
- High production efficiency: full forced convection heating can improve the heat exchange rate, which is 30% faster than the ordinary prepressing machine;
- Automatic control system: PLC centralized control, PID automatic temperature adjustment, recipe management.

Automatic Glass Loading Table
自动上片台



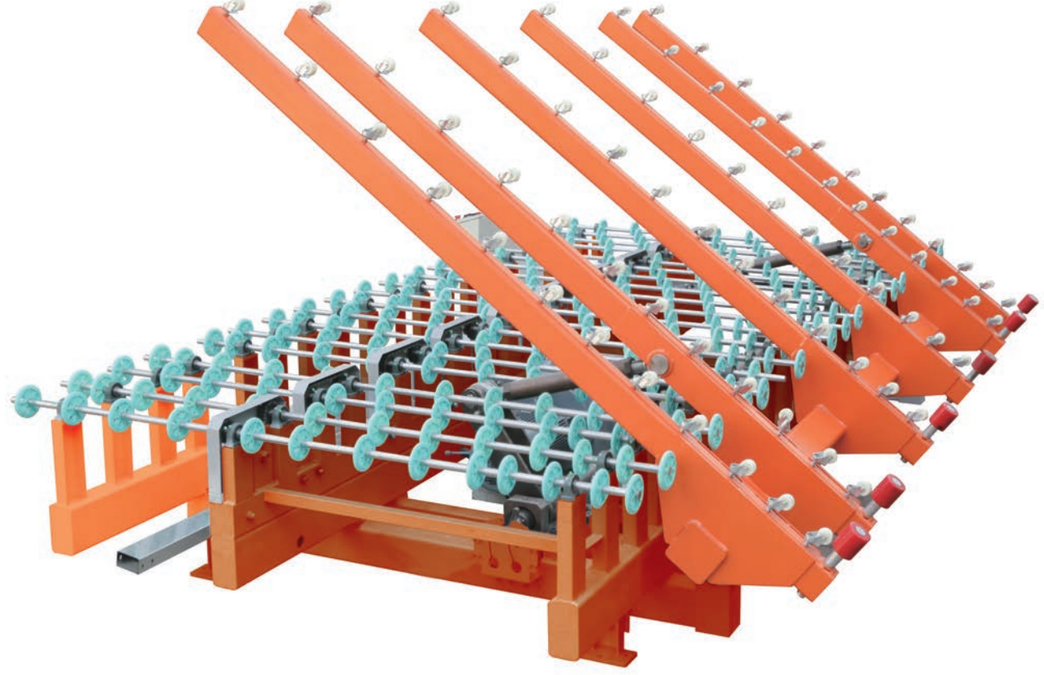
技术参数 Technical Parameters

型号 Model	玻璃尺寸 (mm) Size of Glass	翻转角度 (°) Tilting An	翻转重量 (KG) Weight Capacity	最小周期 (s/circle) Min Period	装机功率 (Kw) Power
SP1711-HD	1700x1100	98° ±2°	100	12	3.55
SP2530-HD	3000x2500	98° ±2°	400	35	5.2
SP2542-HD	4200x2500	98° ±2°	550	35	5.2
SP2737-HD	3700x2700	98° ±2°	600	50	5.55-9.8
SP13361-HD	6100x3300	98° ±2°	1000	50	6.65-13.55

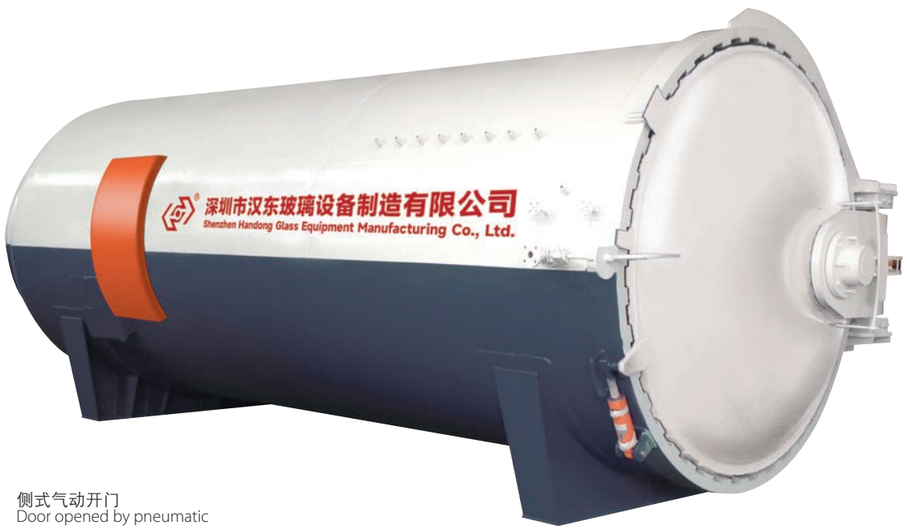
Mechanical Glass Unloading Table
机械式翻转下片台

技术参数 Technical Parameters

型号 Model	玻璃尺寸 (mm) Size of Glass	翻转角度 (°) Tilting An	翻转重量 (KG) Weight Capacity	最小周期 (s/circle) Min Period	装机功率 (Kw) Power
XP2540J-HD	2500 × 4000	85° ±2°	800	15S	8.0
XP2560J-HD	2500 × 6000	85° ±2°	1000	20S	9.7
XP3040J-HD	3000 × 4000	85° ±2°	800	15S	8.0
XP3060J-HD	3000 × 6000	85° ±2°	1000	20S	9.7
XP3340J-HD	3300 × 4000	85° ±2°	1000	15S	9.7
XP3360J-HD	3300 × 6000	85° ±2°	1500	20S	9.7



Autoclave 蒸压釜



侧式气动开门
Door opened by pneumatic



吊式电动开门
Door opened by Electric

产品优势

- 釜内空气循环、采用两侧加热，尾部风机强对流方式；
- 温度、压力程序自动控制；
- 一键启动，菜单式管理；
- 安全联锁装置。

Advantages

- Air circulating inside autoclave. heating on both sides, tail fan. adopting conveciton mode;
- Temperature and pressure can be controlled by program automatically;
- One-button startup, recipe management;
- Safety interlocking device.

技术参数 Technical Parameters

型号 Model	玻璃尺寸 (mm) Size of Glass	工作压力 (Mpa) Pressure of Working	工作温度 (℃) Temperature of Working	工作介质 Medium of Working	釜内轨距 (mm) Distance of Rail in Autoclave	装机功率 (Kw) Power
YF18-HD	1800*4000	1.3Mpa	130	压缩空气 (compressed air)	850	135
YF20-HD	2000*4000	1.3Mpa	130	压缩空气 (compressed air)	850	198
YF25-HD	2440*6000	1.3Mpa	130	压缩空气 (compressed air)	850	198
YF28-HD	2800*6000	1.3Mpa	130	压缩空气 (compressed air)	850	202
YF30-HD	3000*6000	1.3Mpa	130	压缩空气 (compressed air)	1000	300
YF33-HD	3300*6000	1.3Mpa	130	压缩空气 (compressed air)	1000	380
YF33A-HD	3300*10000	1.3Mpa	130	压缩空气 (compressed air)	1000	517
YF33B-HD	3300*20000	1.3Mpa	130	压缩空气 (compressed air)	1000	1080
YF36-HD	3600*8000	1.3Mpa	130	压缩空气 (compressed air)	1000	405
YF36A-HD	3600*20000	1.3Mpa	130	压缩空气 (compressed air)	1000	1100

Glass Washing Machine with High Efficiency and Energy Saving

高效节能玻璃清洗机

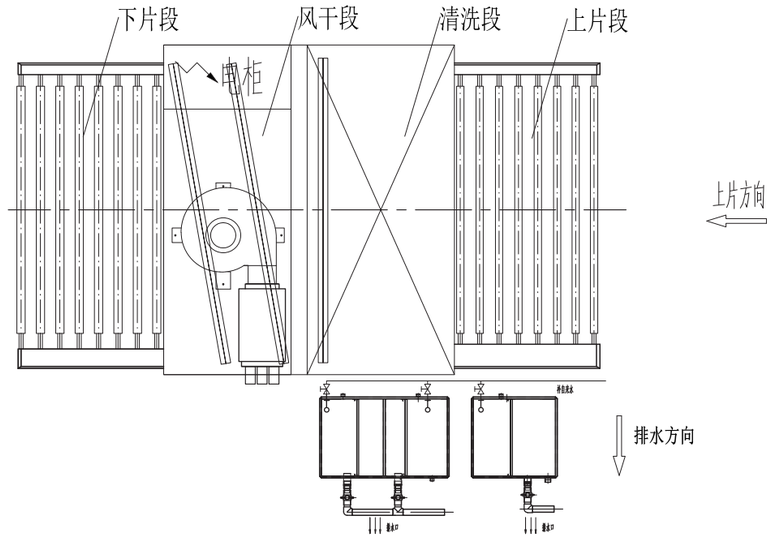


产品优势

- 整体PLC控制，触摸屏显示；
- 清洗段、风干段整体升降，升降高度：400mm，便于清洗和保养；
- 三对毛刷配置，可清洗LOW-E玻璃、普通镀膜和阳光镀膜玻璃；
- 三对特制风刀配置、风压大、噪音小、风干效果佳。

Advantages

- It is controlled by PLC and displays on touch screen;
- The washing section & air-drying section can be lifted as a whole and it can reach 400mm, which is easy for cleaning and maintenance
- It is equipped with three pairs of brushes, which can wash low-E glass, ordinary, coated glass and sun coated glass;
- It is equipped with three pairs of special air knives with low noise to ensure high wind pressure and good drying effect.



技术参数 Technical Parameters

型号 Model	最大玻璃宽度 (mm)Max Width of Glass	最小玻璃尺寸 (mm)Min Size of Glass	玻璃厚度 (mm) Thickness of Glass	传动速度（m/min）Speed of Transmission	设备尺寸 (L*W*H) Dimension of Machine	装机功率 (Kw) Power
QX13P-HD	1300	300*300	3-25	0-15	5200*2015*2650	28.97
QX18P-HD	1800	300*300	3-25	0-15	5200*2515*2650	29.37
QX20P-HD	2000	300*300	3-25	0-15	5250*2900*2650	29.37
QX25P-HD	2500	300*300	3-25	0-15	5980*3200*2650	38.9
QX28P-HD	2800	300*300	3-25	0-15	6000*3500*2650	38.9
QX30P-HD	3000	300*300	3-25	0-15	6250*3700*2650	38.9
QX33P-HD	3300	400*400	3-25	0-15	7040*4000*3100	46.65
QX36P-HD	3600	400*400	3-25	0-15	7130*4300*3100	49.65

Solar Glass Washing Machine
太阳能玻璃清洗机

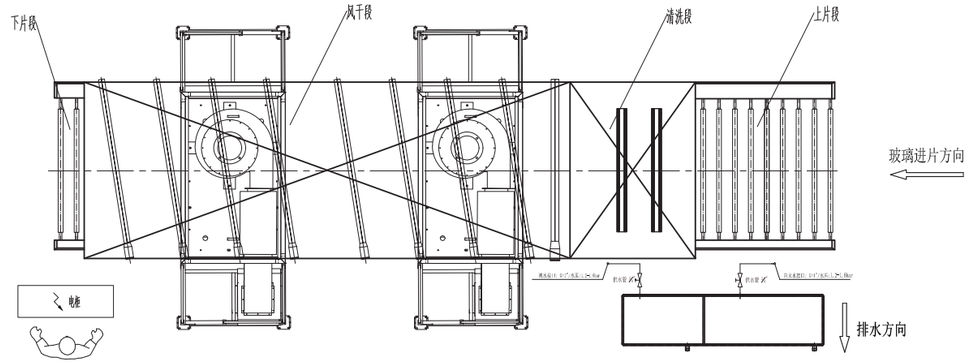


产品优势

- 整体PLC控制，触摸屏显示，运行可靠，可长时间运作；
- 为不同的玻璃深加工工序提供相关针对性优化设计。
- 风箱配置单独风箱架，采用内循环结构；
- 水箱外置，溢流水循环系统；
- 工业铝合金拼接式结构。

Advantages

- It is controlled by PLC and displays on touch screen, which works reliably and operates for a long time;
- It can provide targeted optimization design for different glass deep processing processes.
- Air blower with internal circulation structures equipped with a separate frame of air blower;
- Output water tank with overflow water circulation system;
- Industrial aluminum alloy splicing structure.

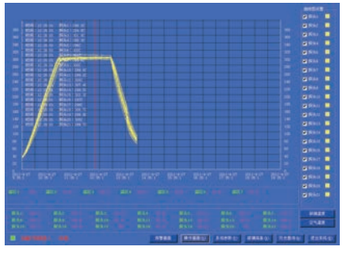


技术参数 Technical Parameters

名称 Name	型号 Model	最大玻璃宽度 (mm) Max Width of Glass	最小玻璃尺寸 (mm) Min Size of Glass	玻璃厚度 (mm) Thickness of Glass	工作速度 (m/min) Working speed	设备尺寸 (L*W*H) Dimension of Machine	装机功率 (Kw) Power
磨边后清洗机 Washing machine after Edgegrinding	QX15M20-HD	1500	300*300	1.6-6	5-20	6100*2300*3000	28.62
磨镀综合清洗机 Grinding coating comprehensive washing machine	QX15DM20-HD	1500	300*300	1.6-6	5-20	9100*2300*3000	35.09
镀膜 / 丝印清洗机 coating / screen printing washing machine	QX15SY20-HD	1500	300*300	1.6-6	5-20	6665*2300*3000	31.75
包装清洗机 packing washing machine	QX15B32-HD	1500	300*300	1.6-6	5-32	7350*2300*3000	31.19
包装清洗机 packing washing machine	QX15B40-HD	1500	300*300	1.6-6	5-40	8720*2300*3000	48.97
包装清洗机 packing washing machine	QX15B45-HD	1500	300*300	1.6-6	5-45	9000*2300*3000	51.04

Heat Soak Furnace
钢化玻璃均质炉









HTS INSPECTION & CERTIFICATION UK LIMITED

Certificate of Conformity

No.: E2014 10 490368 002

Holder of Certificate : Shenzhen Handong Glass Machinery Co., Ltd

Address : Floor 1 Building 3 No.65 Songpeng Road, Tonghaiyi Industrial Zone, Tangtoukeng, Songgang Town, Bao'An, Shenzhen, China

Machine : Heat Soak Furnace

Model(s) : JZ3060-HD, JZ2540-HD, JZ2560-HD, JZ2580-HD, JZ3360-HD, JZ3380-HD, JZ33120-HD, JZ36200-HD, JZ3060-HDS, JZ3360-HDS, JZ3380-HDS, JZ33120-HDS, JZ2540-HDS, JZ2560-HDS, JZ2580-HDS, JZ3060-HDD, JZ3360-HDD

Test Report No. : Handong-2014002-A1

Test Standards : EN 746-1:1997/A1:2009
EN 1863-1:2000/2011
EN 60204-1:2006/AC:2010

According to the European Machinery Directive 2006/42/EC article 12 paragraph 2 and European Low Voltage Directive 2006/95/EC, following the formation of the Technical File and the Declaration of Conformity, which clearly states that it meets the basic prerequisites regarding the safety and health of Appendix I of the above European Directives, the company is obligated to affix the above equipment with the CE marking as follows:

CE

Technical certifier : William

Date of Issue : 20th Oct, 2014

HTS INSPECTION & CERTIFICATION UK LIMITED
KEMP HOUSE 152-160, CITY ROAD, LONDON, UNITED KINGDOM, EC1V 2NX
(http://www.hts-uk.com.uk, E-mail: info@hts-uk.com.uk)
Page 1 of 1

产品优势

- 智能化控制，人机界面，灵活的温度采集控制点；
- 支持曲线图、实时温度采集数据、客户信息等储存；
- 可以同时监控多路温度曲线（每分钟记录一次保存）；
- 可以选择多种控制模式；
- 完善的程序保护和准确的故障报警功能；
- 加热采用PID运算控制方式，稳定准确；
- 采用上抽下吹循环风道设计，保证室内热风均匀分布。

Advantages

- Intelligent controlled, man-machine interface, flexible temperature collection control point;
- Support curve, real-time temperature collection data, customer information storage etc
- Multi-channel temperature curve can be monitored at the same time (record once per minute and save).
- Can choose a variety of control mode;
- Perfect program protection and accurate fault alarm function.
- Heating adopts PID operation control mode, stable and accurate.
- Adopt the design of upper suction and lower blowing circulation air duct,to ensure the uniform distribution of hot air indoors
- Output water tank with overflow water circulation system;
- Industrial aluminum alloy splicing structure.

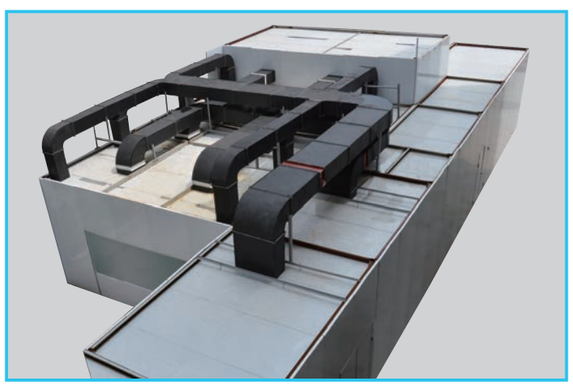
技术参数 Technical Parameters

型号 Model	玻璃尺寸 (mm)Size of Glass	最高温度 (℃) Max T emperature	工作温度 (℃) Working Temperature	恒温时间 (h) Holding time	生产能力 (t/ 炉) Production Capacity (t/Furnace)	装机功率 (Kw)Power
JZ2540-HD	2500*4000	290	260±7	1-8	3	304.4
JZ2560-HD	2500*6000	290	260±7	1-8	5	454.4
JZ2580-HD	2500*8000	290	260±7	1-8	6.5	608.8
JZ3060-HD	3000*6000	290	260±7	1-8	6	536
JZ3360-HD	3300*6000	290	260±7	1-8	7.5	548
JZ3380-HD	3300*8000	290	260±7	1-8	9	727
JZ33120-HD	3300*12000	290	260±7	1-8	13.5	982
JZ36200-HD	3600*20000	290	260±7	1-8	25	1583

Optional configurations

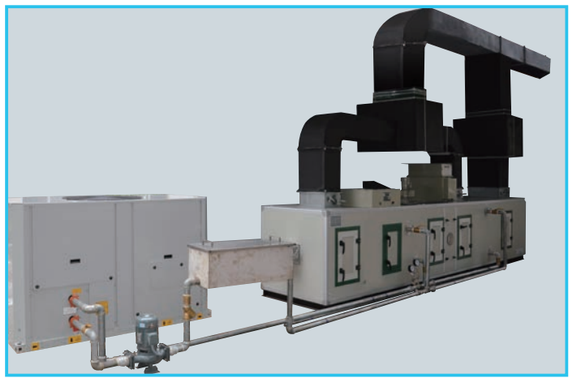
可选配置

客户可根据产品结构要求按以下配置择项组合成线
Customer can select the below different options to combine.



合片房 Cleanling room

10万级净化无尘合片房，使用标准型材和岩棉保温板制作，保温阻燃，吸音降噪，安全环保。
The assembling room has the capacity of 100,000-level purification to keep dust-free. It is made of standard profile and rock wool insulation board. It can keep temperature, block combustion, reduce sound and noise, and is safe and environmentally friendly.



除湿机组 Dehumidifier

工业转轮除湿机组+水冷空调系统，可完全达到夹层玻璃生产要求的温度20±5℃，相对湿度18-28%的要求，确保产品质量。It has industrial wheel dehumidifier and water cooling air-conditioning system，which can fully meet the requirements of temperature 20±5℃ and relative humidity 18-28% of laminated glass production to ensure product quality.



供气系统 Air supply system

螺杆式空压机+空气冷冻式干燥机，有效去除空气中的水分，是夹层玻璃生产的有效保证。It has air compressor with screw type and dryer with air freezing type, which can effectively remove moisture in the air to ensure laminated glass production.



抽真空系统
Vacuum system



凹型车 Trolley



KBK吊膜系统
KBK hanging film system



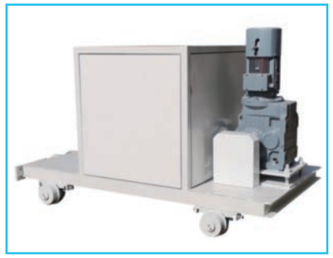
进/排气系统
Air intake & exhaust system



自动吸盘吊架
Automatic vacuum lift device



剪式吸盘吊架
X frame vacuum lift device



电动推车
Electric cart