

LET THE WORLD
FALL IN LOVE WITH **GHL**®

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LOW-CARBON HARMONY SHARE DEVELOP



TPSS MACHINE
For Your Best Insulating Glass

Honor and qualification Come from strength





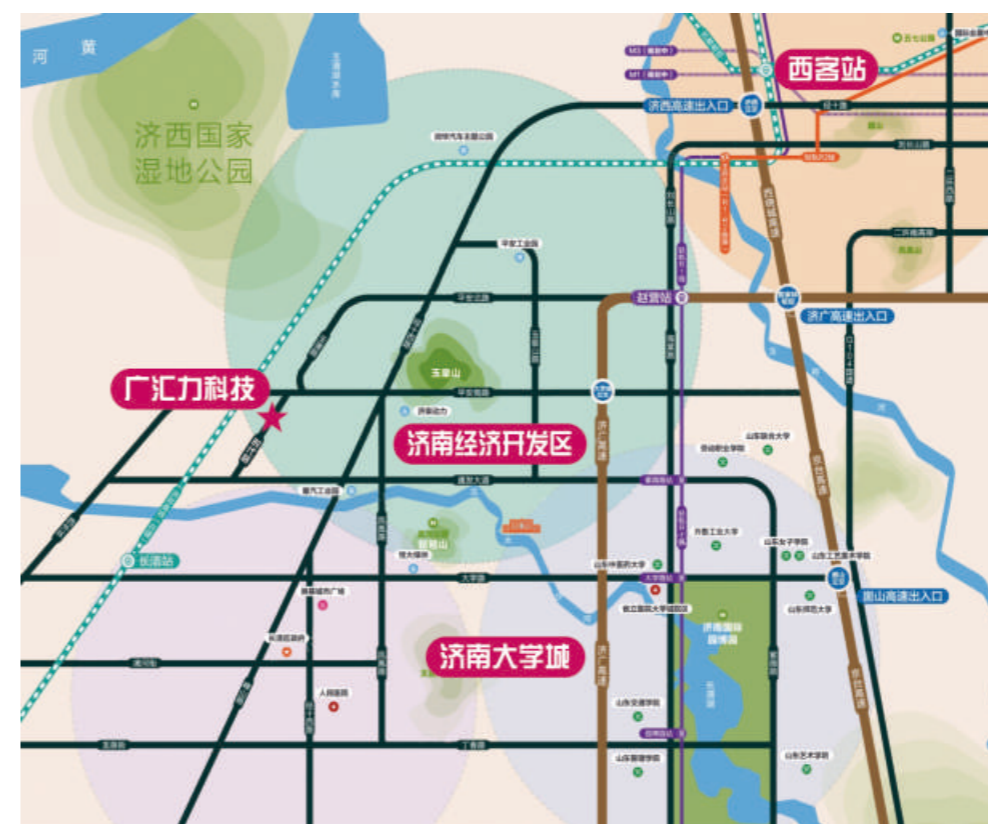
Company Introduction

Shandong GHL CNC Machinery Co., Ltd. founded in 2002, covers an area of 30000 square meters, is the high-tech enterprise specializing in the production of Insulating glass machine, curtain wall glass machine, automobile robot, solar photovoltaic machinery, market share ranks first in the same line. Main products are: insulating glass production line, automatic insulating glass cnc sealing machine, two component sealant extruder, butyl sealant coating machine, aluminium spacer bending machine, desiccant filling machine etc, full set processing machines for insulating glass.

We have passed European CE certificate, Switzerland SGS certificate, ISO 9001: 2015 quality control system, win good reputation from domestic and international customers, with strict management, excellent processing, perfect service.

Company not only provide customers with high-quality equipment, and also provide free installation, training staff operating machines etc, a full range of after-sale service, to make the customers without worries.

“Professional decides quality, strength cast brand, integrity create forever”, GHL company willing to work with you to create brilliant!



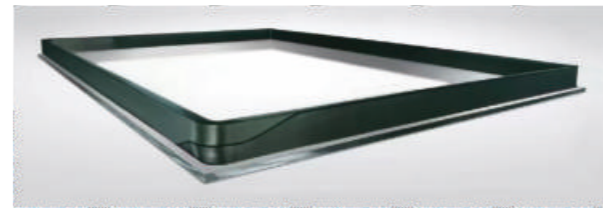


TPSS3060/2850/2840/2540

High Efficiency Auto Argon Gas Filling Insulating Glass Production Line



TPSS MACHINE
For Your Best Insulating Glass



Machine Performance Introduction

- International advanced gemstone inlay device, special surface treatment technology, high precision, high wear resistance, long service life.
- Special structure for panel pressing ensures the quality of TPSS IG.
- Servo control in panel pressing with digital control device to accurately position the pressing thickness and parallelism.
- Guiding and positioning structure of the sealant barrel ensures accurate positioning and stability of the barrel. Humanized settings, easy replacement of sealant, convenient operation, and time-saving.
- Air float transport without wheel trace, more suitable for home decoration enterprises.
- Connection is aesthetically pleasing and standardized, clean and tidy.

Model	TPSS3060	TPSS2850	TPSS2840	TPSS2540
Voltage Power	380V 50Hz 95kw	380V 50Hz 89kw	380V 50Hz 86kw	380V 50Hz 83kw
Air Pressure	0.6~0.8MPa	0.6~0.8MPa	0.6~0.8MPa	0.6~0.8MPa
Extruding Pressure	30Mpa	30Mpa	30Mpa	30Mpa
Max. Glass Size	3000×6000mm	2800×5000mm	2800×4000mm	2500×4000mm
Min Glass Size	500×300mm	500×300mm	500×300mm	500×300mm
Glass Thickness	3~15mm	3~15mm	3~15mm	3~15mm
Working Speed	1~27m/min	1~27m/min	1~27m/min	1~27m/min
Overall Dimension	12600×6500×3950mm	10300×6500×3800mm	8300×6500×3800mm	8300×6500×3450mm



KLC3060

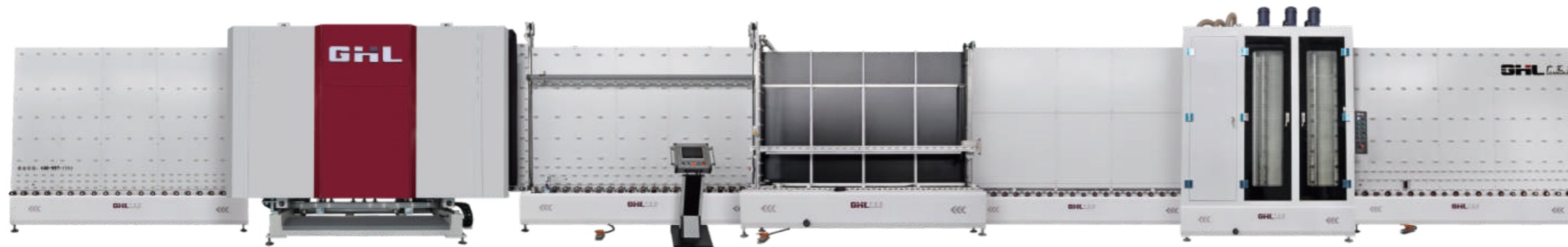
High Efficiency Auto Argon Gas Filling Insulating Glass Production Line

*Suitable for jumbo glass,
private customized, high-end intelligent,
flexible connection with ERP MES*



KLC2030 High Efficiency Auto Argon Gas Filling Insulating Glass Production Line

KLVS2030 Automatic Insulating Glass Flat-pressing Production Line



*Specialized equipment for home decoration
win-door processing, air float transport,
flexible connect with ERP MES*



Model	KLC3060	KLC2030	KLVS2030
Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz
Total Power	43kw	32kw	30kw
Max. Glass Size	3000×6000mm	2000×3000mm	2000×3000mm
Min Glass Size	300×500mm	300×500mm	300×500mm
Glass Thickness	5~30mm	3~12mm	3~12mm
Working Speed	8~45m/min	8~45m/min	8~45m/min
Total Weight	18000kg	6200kg	6000kg
Overall Dimension	42500×1800×4100mm	22000×1800×3100mm	22000×1800×3100mm



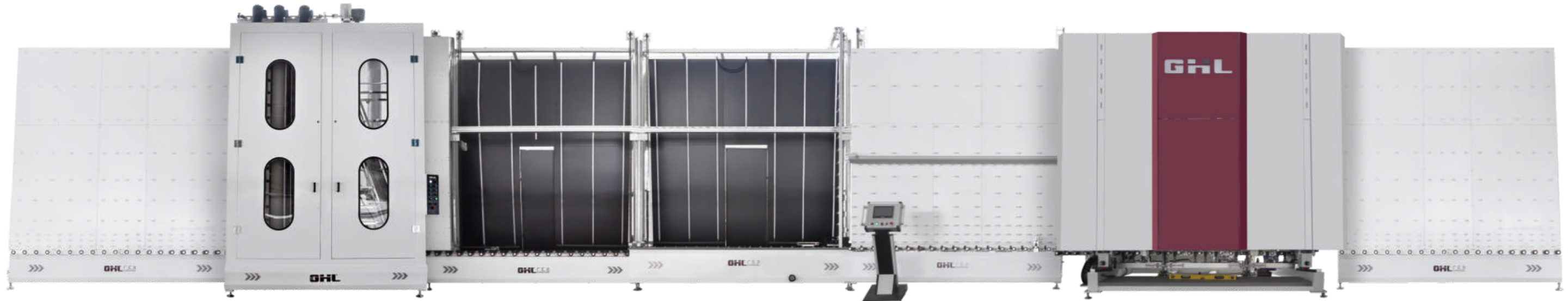
KLC2850/2840/2540

High Efficiency Auto Argon Gas Filling Insulating Glass Production Line

KLVS2840/2540

Automatic Insulating Glass Flat-pressing Production Line

*Specialized equipment
for home decoration win-door processing,
flexible connect with ERP MES*



Machine Performance Introduction

- Internationally famous brand PLC control, HMI touch screen interface, can realize manual and automatic control.
- Automatic identification of coated glass and Low-E glass. Air knives automatic adjustment according to the thickness of glass.
- The third section can prestore glass, improve efficiency.
- Panel pressure adjust automatically, integrated with assembling, pressing and gas filling, ensure pressing effect.
- Automatic detection of glass length, height, thickness (optional), auto adjust for best filling space.
- Suitable for double glass, triple glass, step glass (optional) curtain wall insulating glass.
- Automatic process control program, save waiting time and improve efficiency.
- High standardization of spare parts, ensure long-term and stable performance of machines.
- Calculate gas amount according to glass size and monitor in real time, improve the gas utilization rate and production efficiency. (KLC type optional)

Model	KLC2850	KLC2840	KLC2540	KLVS2840	KLVS2540
Input Voltage	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz	380V 50Hz
Total Power	40kw	38kw	36kw	36kw	34kw
Max. Glass Size	2800×5000mm	2800×4000mm	2500×4000mm	2800×4000mm	2500×4000mm
Min Glass Size	300×500mm	300×500mm	300×500mm	300×500mm	300×500mm
Glass Thickness	3~30mm	3~30mm	3~12mm	3~30mm	3~12mm
Working Speed	8~45m/min	8~45m/min	8~45m/min	8~45m/min	8~45m/min
Total Weight	10000kg	8000kg	7500kg	7000kg	6500kg
Dimension	36000×1800×3900mm	29000×1800×3900mm	29000×1800×3600mm	29000×1800×3900mm	29000×1800×3600mm



KLC30120

High Efficiency Auto Argon Gas Filling Insulating Glass Production Line

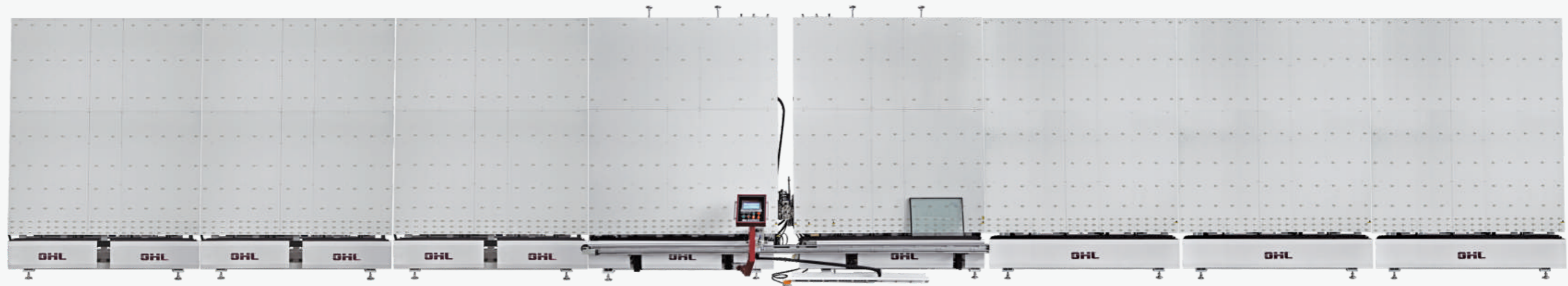
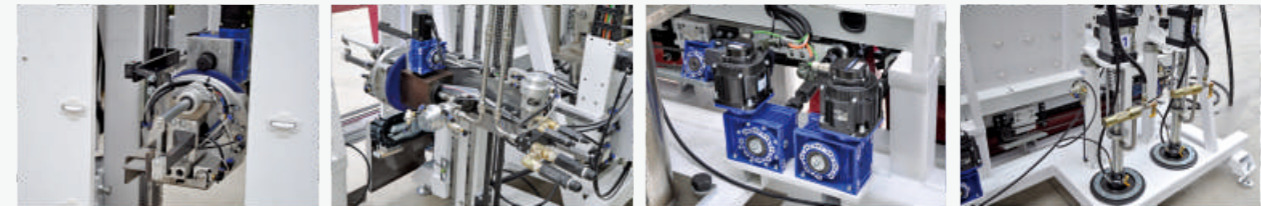


*Specialized equipment
for home decoration win-door processing,
flexible connect with ERP MES*



ZNJ30120-I/II

Automatic Insulating Glass CNC Sealing Machine

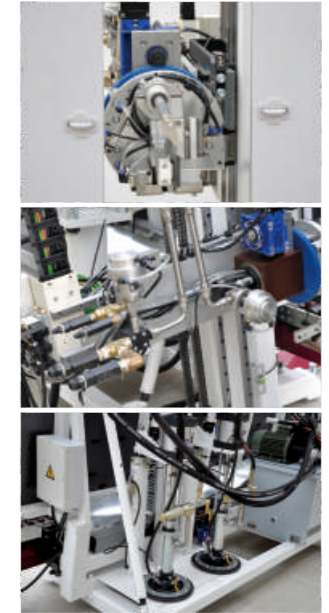
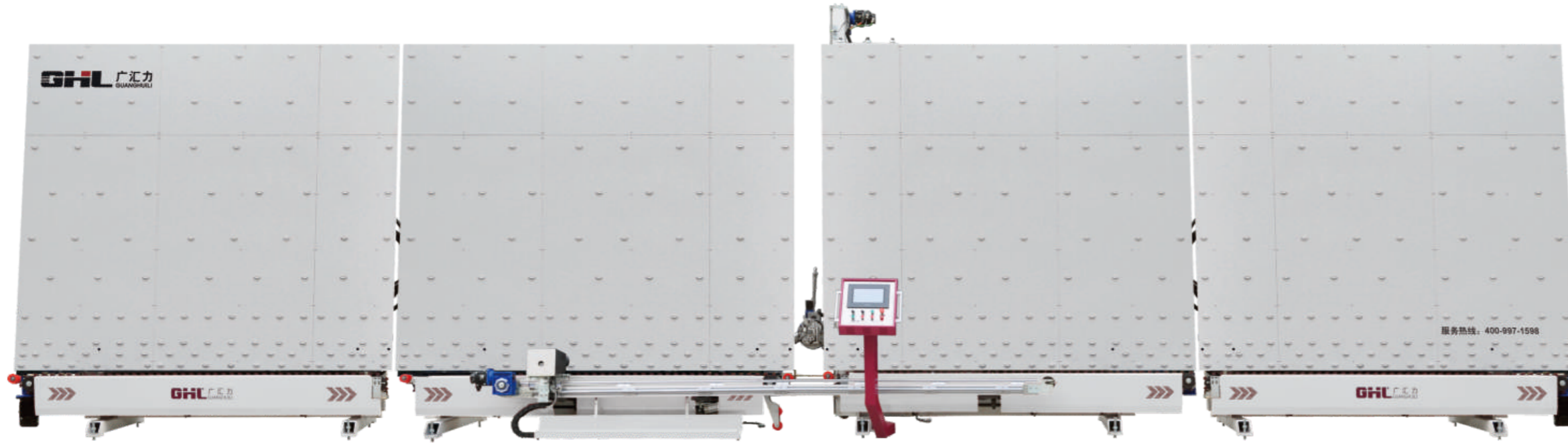




ZNJ3060-I/II

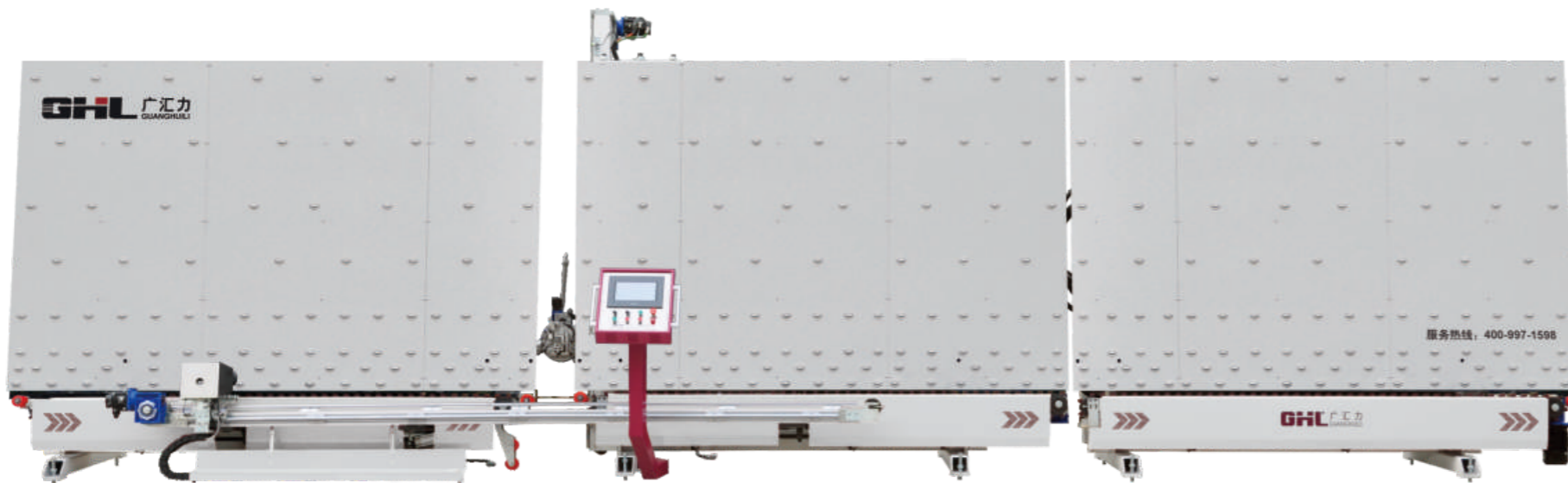
Automatic Insulating Glass CNC Sealing Machine

*Specialized equipment
for home decoration win-door processing,
flexible connect with ERP MES*



ZNJ2030-I/II

Automatic Insulating Glass CNC Sealing Machine



Model	ZNJ3060-I/II	ZNJ2030-I/II
Voltage Power	380V 50Hz 13kw	380V 50Hz 7kw
Air Pressure	0.6~0.8MPa	0.6~0.8MPa
Extruding Pressure	32Mpa	32Mpa
Max. Glass Size	3000×6000mm	2000×3000mm
Min Glass Size	300×300mm	300×300mm
Glass Thickness	12-56mm	12-56mm
Working Speed	5-40m/min	5-40m/min
Overall Dimension	13800×1400×5000mm	9500×1400×2950mm



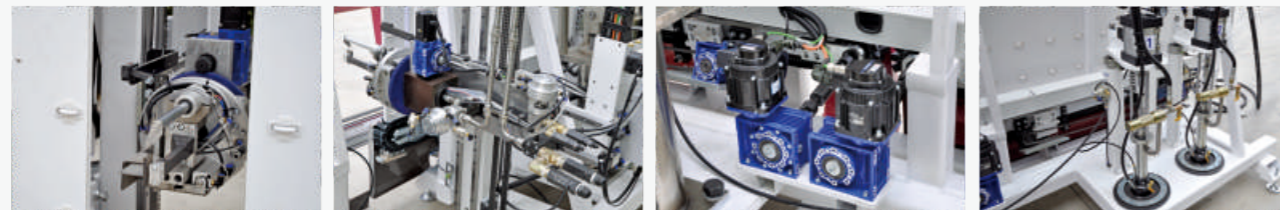
ZNJ2850/2840/2540-I/II

Automatic Insulating Glass CNC Sealing Machine



GW2850/2840/2540

Glass Washing Machine



Model	ZNJ2850-I/II	ZNJ2840-I/II	ZNJ2540-I/II
Voltage Power	380V 50Hz 11kw	380V 50Hz 10kw	380V 50Hz 9kw
Air Pressure	0.6~0.8MPa	0.6~0.8MPa	0.6~0.8MPa
Extruding Pressure	32Mpa	32Mpa	32Mpa
Max. Glass Size	2800×5000mm	2800×4000mm	2500×4000mm
Min Glass Size	300×300mm	300×300mm	300×300mm
Glass Thickness	12-90mm	12-90mm	12-56mm
Working Speed	5-40m/min	5-40m/min	5-40m/min
Overall Dimension	10630×1400×3900mm	8630×1400×3900mm	8630×1400×3500mm

GW2030

Glass Washing Machine





LPL2028

Efficient and Intelligent
Sorting and Storing System

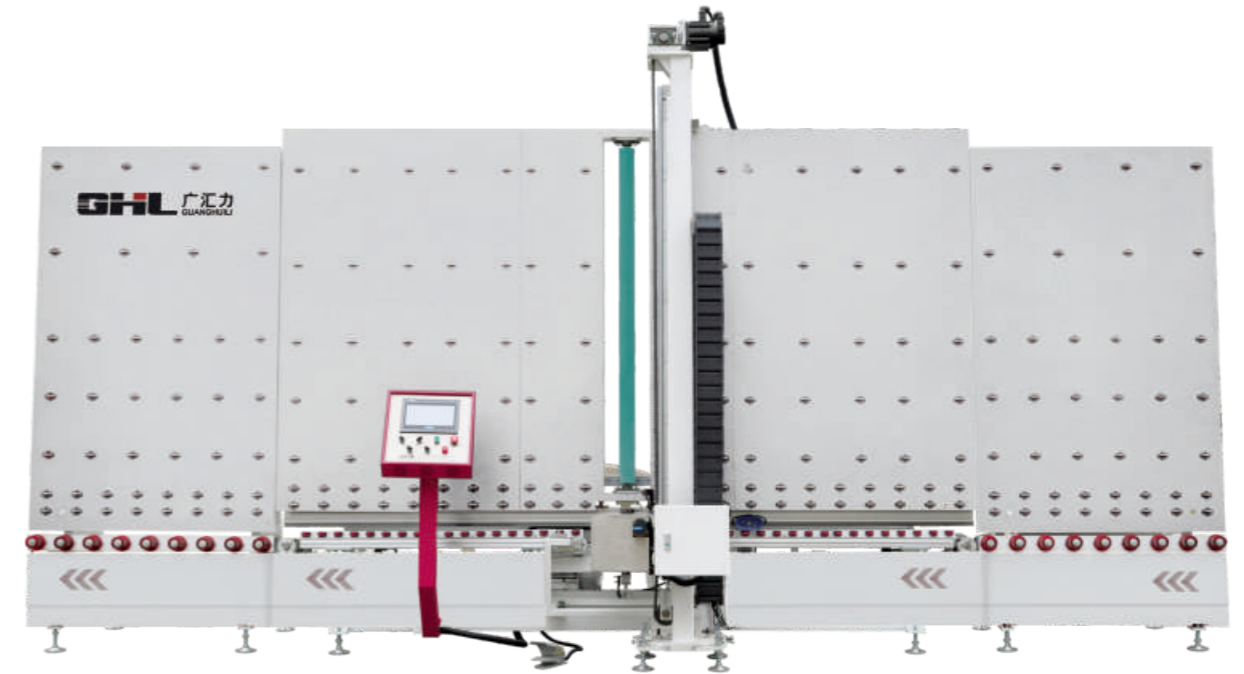
Suitable for limited space which is unable to connect the whole intelligent line, sorting and storing glass after tempering, can be flexibly connected to ERP MES



Model	Voltage power	Air pressure	Max. Glass size	Min. Glass size	Glass thickness	Overall dimension
LPL2028	380V 9kw	0.6-0.8MPa	2000×2800mm	500×300mm	4-8mm	14000×10000×2800mm

CMJ2500/2000

Automatic Vertical Coating
Remove Machine



ZWJ1430/1420

Full Automatic Door and
Window Sealing Machine

Suitable for two component sealant, quick drying, high efficiency



ZL 2021 2 0344369.X



Model	Air pressure	Max. Air Consumption	Max. Squeeze pressure	Max. Glass size	Output	Overall dimension	Total weight
ZWJ1430	0.8~1.0Mpa	0.8 M³/min	30Mpa	1400×3000mm	4~10L/min	4200×2300×1600mm	800kg
ZWJ1420	0.8~1.0Mpa	0.8 M³/min	30Mpa	1400×2000mm	4~10L/min	3000×2300×1600mm	700kg



Machine Performance Introduction

- Input the film size need to be removed, no need to input the glass size.
- Remove unequal film in one time and can remove film many times.
- The grinding wheel motor for AC servo motor speed adjustable.
- Film dust is equipped with suction device to reduce dust pollution.
- Grinding wheel can be mechanical finishing grinding, make more clean.
- Grinding pressure, grinding speed and grinding wheel speed adjusted at any time according to different film.
- Compatible with left and right feeding direction.

With bidirectional coating deletion function and flexible connection with ERP MES

Model	Voltage power	Air pressure	Film width	Max. Glass size	Min. Glass size	Working speed	Overall dimension
CMJ2500	380V 50Hz 9kw	0.6MPa 1.5m³/min	8~300mm	2500×3600mm	500×500mm	15~30m/min	8400×1500×3600mm
CMJ2000	380V 50Hz 6kw	0.6MPa 1.5m³/min	8~300mm	2000×3000mm	500×500mm	15~30m/min	8400×1500×3000mm



Specialized equipment for window,
door and curtain wall

Specialized equipment
for solar photovoltaic

BST03
Pneumatic
Two Component
Sealant Extruder



BDT05-5
Single Component
Sealant Extruder



BDT05-55
Single Component
Sealant Extruder



BST06



Model	BST03	BST06	BDT05-5	BDT05-55
Mixing ratio	6:1~14:1	6:1~14:1	/	/
Material drum	55Gal(200L)	55Gal(200L)	55Gal(200L)	55Gal(200L)
Curing agent drum	5Gal(20L)	5Gal(20L)	/	/
Platen diameter	/	/	Φ570mm	Φ570mm
Max. air consumption	0.8M ³ /min	0.8M ³ /min	0.5M ³ /min	0.8M ³ /min
Max. dispensing pressure	30Mpa	26Mpa	20Mpa	30Mpa
Output	4~10L/min	3~7L/min	2~4L/min	4~10L/min
Air pressure	0.6~1.0Mpa	0.8~1.0Mpa	0.5~0.8Mpa	0.8~1.0Mpa
Overall Dimension	1750×950×1980mm	1100×950×1980mm	660×500×1200mm	950×700×1700mm
Total Weight	510kg	460kg	100kg	280kg



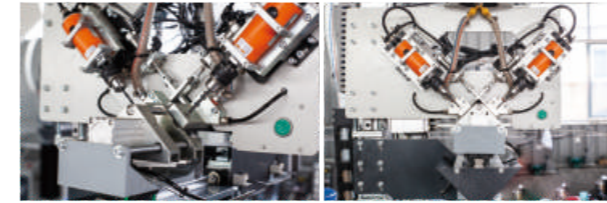
BTM05 Butyl Sealant Coating Machine



Patent No:
ZL 2017 3 0174041.7



FZS02 Automatic Molecular Sieve Filling Machine



Model	FZS02
Voltage Power	220V 50Hz 0.6kw
Air Pressure	0.5~0.8MPa
Air Consumption	60L/min
Filling Speed	3S/1000×1000×9mm
Width of Aluminum Spacer	6~30mm
Max. Processing Size	2000×2000mm
Min. Processing Size	300×300mm
Overall Dimension	1400×1200×3800mm
Processing quantity	60L/min



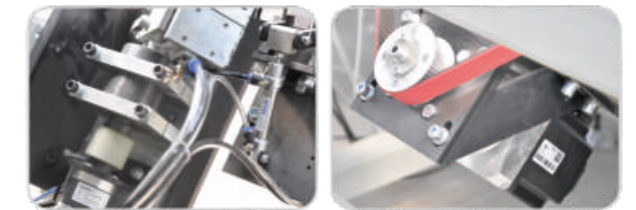
BTM06 Butyl Sealant Coating Machine



Model	Input Voltage	Total Power	Squeeze Pressure	Working Speed	Air Pressure	Overall Dimension
BTM05	220V 50Hz	3.0Kw	12~18Mpa	18~40m/min	0.6Mpa	3000×700×900mm
BTM06	220V 50Hz	4.2Kw	12~18Mpa	18~40m/min	0.6Mpa	3000×750×1020mm

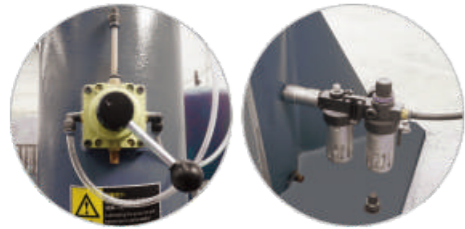
LZJ02 CNC Aluminum Bar Bending Machine

Model	LZJ02
Voltage Power	220V 50Hz 2.18kw
Air Pressure	0.5~0.8MPa
Air Consumption	60L/min
Feeding Speed	0~90m/min
Aluminum Spacer Width	5.5~30mm
Aluminum Spacer Length	4000~6000mm
Max. Processing Size	2000×2000mm
Min. Processing Size	200×280mm
Overall Dimension	10000×2600×2500mm





XPJ-300
Glass Unloading Machine



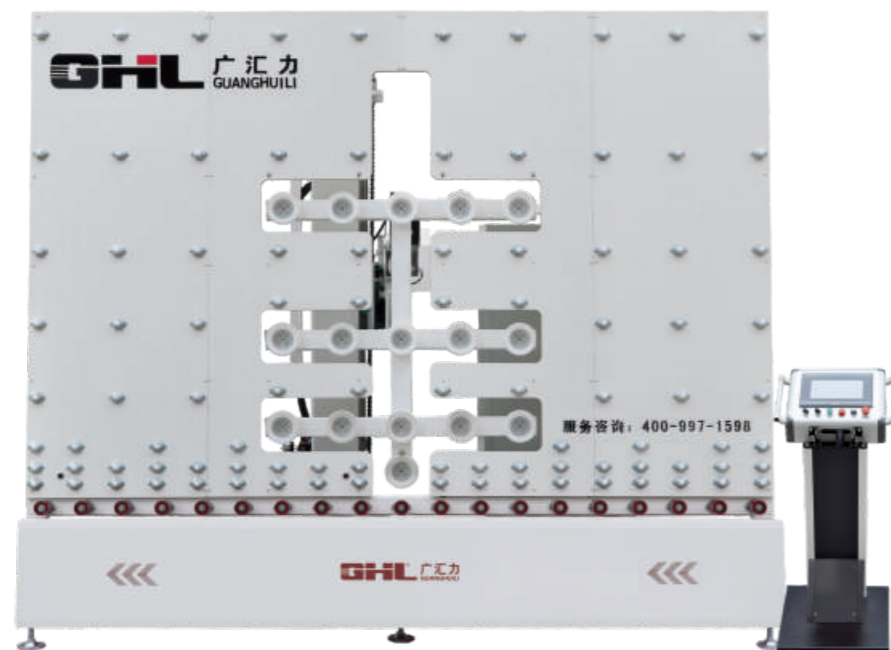
MBJ Glass Edging Machine



SSJ01 Aluminium
Spacer Transfer Machine

ZDSXP2030/2536

Auto Glass Loading / Unloading Machine



*Flexible connection
with ERP MES*



HZT01 Rotary Sealant Spreading Table



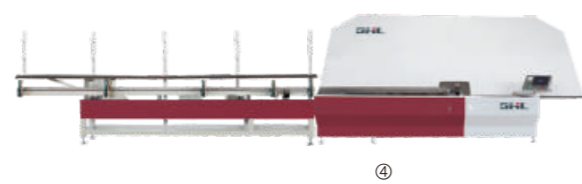
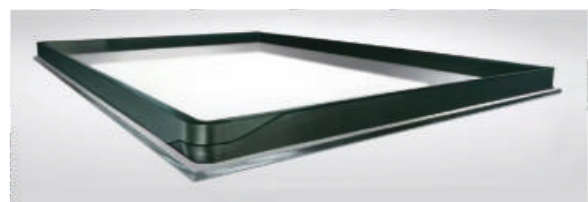
CQJ02 Inert Gas Inflator



XLT01 Aluminium Spacer Cutting Table

Model	Voltage power	Air pressure	Max. Glass size	Min. Glass size	Working speed	Max. Glass thickness
ZDSXP2030	380V 50Hz	0.6-0.8MPa	2000×3000mm	500×300mm	2-18m/min	10mm
ZDSXP2536	380V 50Hz	0.6-0.8MPa	2500×3600mm	500×300mm	2-18m/min	10mm

Special for Doors and Windows Home Decoration System, Fully Automatic Intelligent Insulated Glass Production Line



- ① Auto Glass Loading Machine
- ② Automatic Vertical Coating Detaching Machine
- ③ Auto Glass Loading Machine
- ④ Aluminium Spacer Bending Machine
- ⑤ Desiccant Filling Machine

- ⑥ Butyl Sealant Coating Machine
- ⑦ Aluminium Spacer Transfer Machine
- ⑧ Insulating Glass Flat Press Production Line
- ⑨ Automatic Insulating Glass CNC Sealing Machine
- ⑩ Auto Glass Unloading Machine