

TOYOCC

TOYOCC

Tel: +86-532809792333

Add: 19F, Publishing Building, NO. 182 Haier Road, Qingdao, China

Email: info@toyocc.com

Website: www.toyocc.com



QINGDAO TOYO INDUSTRY CO.,LTD



TOYOCC is specialized in glass-making machines, systems, and tools for a wide variety of glass production, storage, and installation needs. With over 20 years of experience, not only can we manufacture the core products, but also maintain long-term and trusty business partnerships with well-known suppliers both domestic and overseas.

We are able to provide one-stop sourcing services and solutions with high efficiency for global clients. We aim to assist you to save communication & negotiation costs with different factories in China, thus, further reducing the total procurement cost.

TOYOCC's top-rated products include but not limited to glass grinding machines, glass cutting machines, glass handling & storage systems, laminating furnaces, and accessories.

We always put high technology and innovation in the first place. Our R&D team is constantly learning and upgrading our products, thus, customer's needs and feedback are highly valued by each member of the sales team. Reliability, security, performance, and efficiency are significant for our clients.

(Customer distribution map)

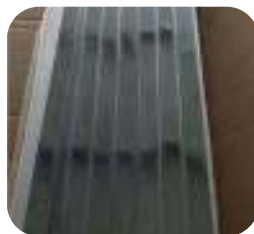


Contents

Hot Selling Consumables.....	01
Edge Grinding Machine Series.....	03
Cutting Machine Series.....	13
Glass Vacuum Lifter Series.....	17
Glass Sling Series.....	27
Hanging Bar Series.....	29
Crane Arm Series.....	30
Forklift Truck Skewer Series.....	32
Glass Supporting Clamp Series.....	33
Glass Stock Rack Series.....	35
Laminated Machine.....	43
Application.....	47
TOYOCC.....	49

Consumables

Aluminum



Model	Unbendable	Bendable	Color customization series
Specification	5.5A-29.5A	5.5A-26.5A	5.5A-26.5A
Length	5m/piece	5m/piece	5m/piece
Width	5.5mm-26.5mm	5.5mm-26.5mm	5.5mm-26.5mm
Thickness	0.18mm-0.26mm	0.30mm-0.35mm	0.30mm-0.35mm
Material	Aluminum	Aluminum	Aluminum
Color	Aluminum natural color	Aluminum natural color	Customized

Grinding wheel

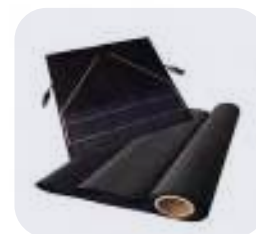
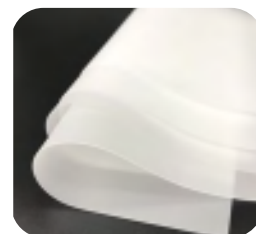


Cork Pad

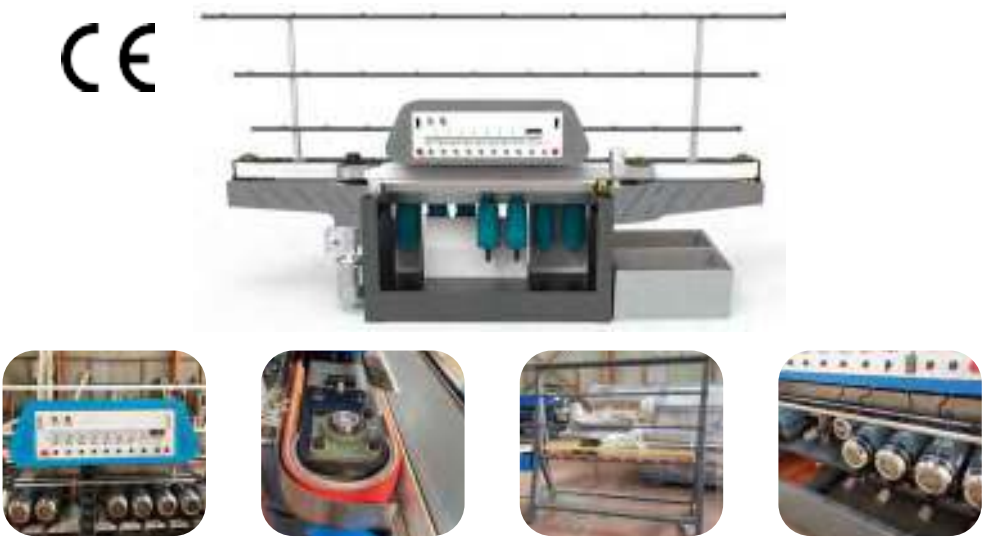


Model	Cork Packing - Glue Dhesive	Cork Packing - Sponge Static	EVA - Sponge Static
Thicknes s	1.5mm	1.5mm (+ 1mm sponge)	2mm (+ 1mm Sponge)
	2mm	2mm (+ 1mm Sponge)	3mm (+ 1mm Sponge)
	3mm	3mm (+ 1mm Sponge)	4mm (+ 1mm Sponge)
	4mm	4mm (+ 1mm Sponge)	5 mm(+ 1mm Sponge)
	5mm	5mm (+ 1mm Sponge)	8/9/10mm(+ 1mm Sponge)
Size	14.2mm(L)*14.2mm(W);	14.2mm(L)*14.2mm(W);	25*15mm; 12 sqm/Carton
	17mm(L)*17mm(W); 15 sqm/Carton	17mm(L)*17mm(W); 10 sqm/Carton	15*15/18*18/40*40mm; 9 sqm/Carton
	17mm(L)*17mm(W); 10 sqm/Carton	17mm(L)*17mm(W); 10 sqm/Carton	18*18mm; 7 sqm/Carton
	17mm(L)*17mm(W); 10 sqm/Carton	17mm(L)*17mm(W); 7 sqm/Carton	18*18/20*20*25*25/40*40mm; 6 sqm/Carton
	17mm(L)*17mm(W); 7.225 sqm/Carton	17mm(L)*17mm(W); 5.78 sqm/Carton	25*25/30*30/40*40mm; 7 sqm/Carton

EVA Film



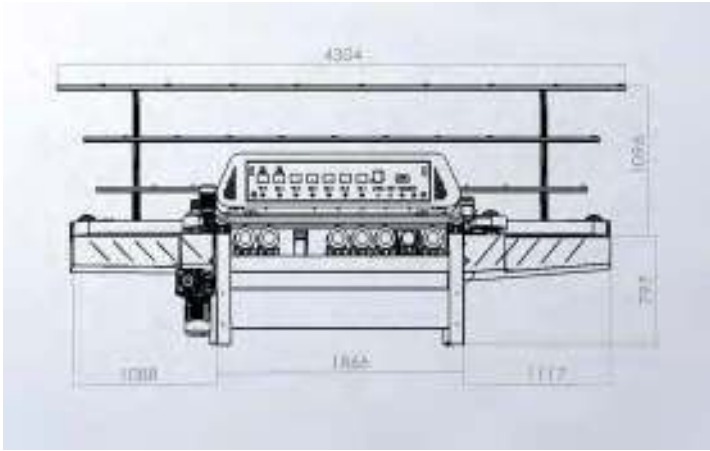
Vertical Glass Beveling Machine



The vertical beveling machine is a new type of glass deep processing equipment. It changes the traditional glass chain conveying method and adopts the method of synchronous belt conveying, which greatly improves the precision of edging. This machine has a compact structure, reasonable layout, and harmonious appearance. It is mainly composed of five major systems, which are control system, grinding system, clamping and conveying system, cooling system, and receiving system.

Model	TJLX-V8
Net Weight	2100Kg
Number of the Motor Head	8
Dimensions	4100*950*1900mm
Glass Processing Thickness	3-25mm
Angle	5-35-degree
Max Bevel Surface Width	20mm/25mm
Mini Glass Size	25*25mm/40*40mm
Max Glass Size	1800*1800mm
Max Glass Size with Support Frame	Customized
Speed	0-4m/min
Voltage	220V, 60Hz, 3Phrase
Power	13kW
Notes	The number of motor heads could be customized

Dimensional drawing



Edging Effect



Certificates

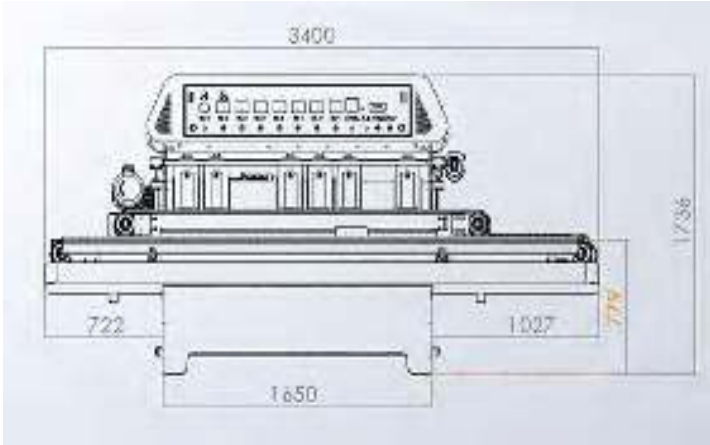


Horizontal Glass Beveling Machine



The horizontal beveling machine is an economical type of glass deep processing equipment. It changes the traditional glass chain conveying method and adopts the method of synchronous belt conveying, which greatly improves the precision of edging. This machine has a compact structure, reasonable layout, and harmonious appearance. It is mainly composed of five major systems, which are control system, grinding system, clamping and conveying system, cooling system, and receiving system.

Dimensional drawing



Edging Effect



Certificates

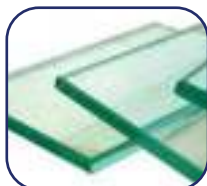


Model	TJWX-H8
Net Weight	1700Kg
Number of the Motor Head	8
Dimensions	3400*1000*1730mm
Glass Processing Thickness	3-8mm
Angle	5-35-degree
Max Bevel Surface Width	20mm/25mm
Mini Glass Size	25*25mm/40*40mm
Max Glass Size	1600*1600mm
Max Glass Size with Extension Tables	2440*3000mm
Speed	0-4m/min
Voltage	380V, 50Hz, 3 Phase 220V, 60Hz, 3 Phase
Power	13kW
Notes	The number of motor heads could be customized

Vertical Straight Edge Grinding Machine



1 Bottom Wheel	2 bottom wheels	3 chamfer wheel	4 chamfer wheel	5 chamfer wheel	6 chamfer wheel	7 bottom wheels	8 bottom wheels	9 Bottom Wheel
Diamond Round	Gold Steel Wheel	Resin wheel	Water Loose Wheel	Resin wheel	Water Loose Wheel	Resin wheel	Resin wheel	Water Loose Wheel



This machine is suitable for grinding straight edges and angles of flat glass of different sizes and thicknesses. The polished plane is close to the finish of the glass matrix. The front chamfer grinding head can move synchronously with the front beam, with advanced structure, high accuracy, convenient operation, and continuous processing of the same thickness.

Model	TYJGZM4-325	TYJGZM8-325	TYJGZM9-325	TYJGZM10-325	TYJGZM11-325
Motors	4	8	9	10	11
Power	9.85kW	17.25kW	19.75kW	22kW	
weight	1800Kg	2800Kg	3000Kg	3200Kg	
size	6000*1000*2500mm	6800*1000*2500mm	7000*1200*2500mm		
Min glass size	50mm*50mm		70mm*70mm		
Glass thickness	3mm-25mm				
Feeding speed	0.7-7m/min				

Horizontal Straight Edge Grinding Machine



Position 1	Position 2	Position 3	Position 4	Position 5	Position 6	Position 7
Diamond Round	Resin wheel	BD Buff wheel	Resin wheel	BD Buff wheel	Resin wheel	BD Buff wheel



This machine is supporting parts such as the guide rail frame and the motor base are cast from cast iron. The cast iron is naturally post-processed and has the advantages of flat appearance, smoothness, beautiful appearance, no deformation, etc., thereby ensuring the accuracy of the whole machine after long-term use. The rotating transmission part adopts worm gear to change the speed.

Model	TYTC-G7	TYTC-G8
Dimensions	3400*1000*1730mm	
Glass Processing Thickness	3-25mm	
Chamfer Angle	45-degree	
Mini Glass Size	40*40mm	
Max Glass Size	1600*1600	
Max Glass Size with Extension Tables	2440*3000	
Speed	0-4m/min	
Voltage	380V, 50Hz, 3Phase 220V, 60Hz, 3Phase	
Number of the Motor Head	7	8
Net Weight	2000Kg	2100Kg
Power	13kW	14.5kW

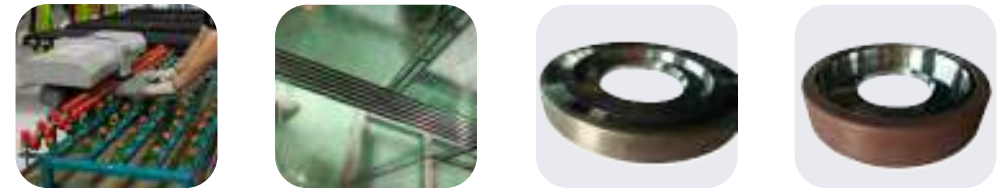
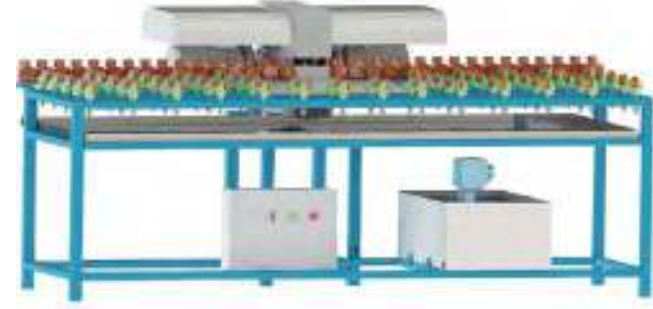
New X-02 Double Head Edge Grinding Machine



The edge grinding machine is my company's fifth-generation edge grinding machine, using quads sharpen edges principle and structure, with a buffer device, grinding wheel can move around, to meet the needs of the various specifications of glass edge grinding. Grinding wheel could be the diamond and resin wheel in the market, with the advantage of easy to replace the wheels, durable long using term of the machine, edge grinding effect is exquisite, decrease the rate of destruction for tempered glass.

Model	TRG-X-02
Power	3.1kW
Overall size	2800*1250*1270mm
Adaptive glass thickness	3mm-12mm
Small platform	1090*520*850mm
Minimum processing size	300*300mm
Maximum processing size	2000*2000mm

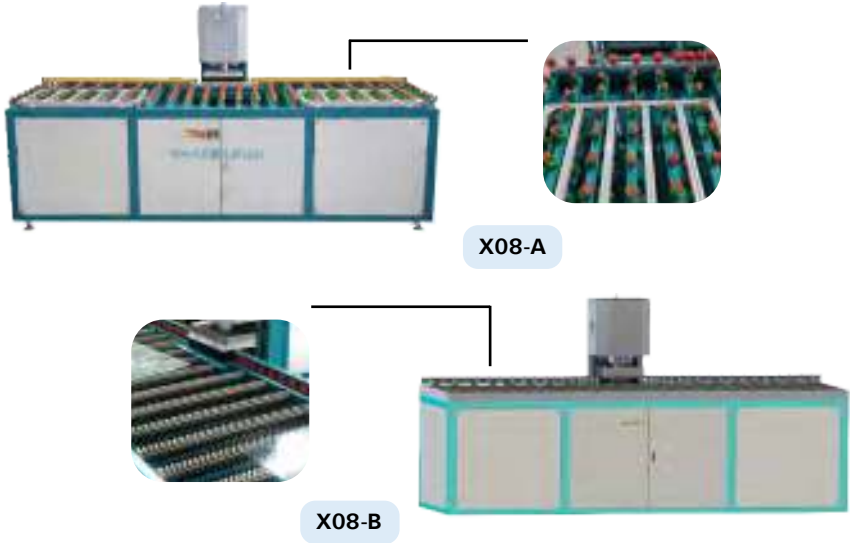
X-09 Edge Grinding Machine



X-09 glass edge grinding machine is the simplified version of the glass X-02 machine. It meets the demands of small and medium glass factories to do glass grinding. It is easy to operate, highly efficient, fine grinding effect, and low self-detonation rate. With itself owned water circulation, the machine is small and light could connect with the glass washing machine from the front or sideward of the platform. For different glass sizes, no need to take a long time to adjust the machine, so as to improve efficiency and reduce the cost.

Model	TRG-X-09
Power	1.6kW
Overall size	2000*1100*1050mm
Adaptive glass thickness	3mm-12mm
Small platform	1090*520*850mm
Minimum processing size	300*300mm
Maximum processing size	1500*800mm

Multifunctional Edge Grinding Machine



This series machine is especially suitable for processing glass rounded corners and car windshields. Widely used for different glass specifications without manual adjustment repeatedly. This machine could be connected with the washing machine from its front or side position, therefore making the processing line more smoothly and result in manpower and time-saving. What is more, it has zero influence on the existing connected four-side grinding and other mechanical equipment. This series machine solves the problems such as rough edges during glass processing, easy cracking in a high-temperature furnaces, and secondary chipping.

Model	TRG-08A/B
Power	2.3kW
Overall size	2840*1250*850mm
Adaptive glass thickness	3mm-12mm
Minimum processing size	280*280mm
Maximum processing size	2000*2000mm

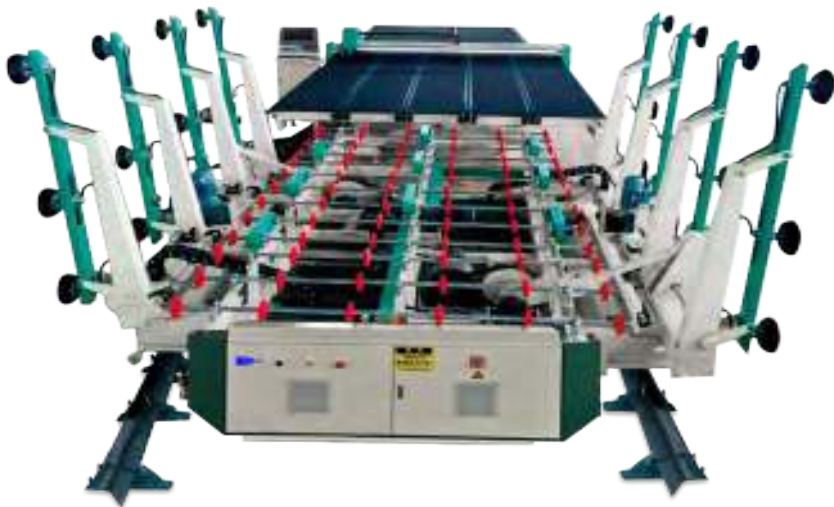
Water Type Belt Machine



This machine has a built-in water circulation system that avoids flying dust during the operation; the main body of the machine is built up with 304 stainless steel, with a lightweight, durable, and good looking. The surface of the platform is coated to prevent rusting. The special polyurethane universal wheels ensure that the glass will not be scratched; the pneumatic control valve can change the sanding belt synchronously and quickly; the main engine and the working platform can be assembled and disassembled quietly easily; the working platform with universal wheels can be used in multiple work stations.

Model	TRG-W-03A
Power	1.6kW
Host size	700*700*1300mm
Platform size	2200mm*1200mm
Adaptive glass thickness	3mm-12mm
Minimum processing size	200*200mm
Maximum processing size	2000*2000mm

Full-Automatic glass cutting line



Product description

The design draws on the concept of German Industry 4.0, and realizes the automation of the cutting process, information data, and intelligent operation. The overall frame of the equipment adopts bridge steel technology, which is treated with aging after welding. strength and stability. The frame structure material is made of high-strength steel, which has high strength and no deformation. The welding has undergone aging treatment. It has good physical properties and can be produced in conjunction with bilateral grinding and four-sided grinding.

Product features

Model	TC-4228	TC-6133
Accuracy	≤ ±0.15mm/m	≤ ±0.20mm/m
Apeed	0-200m/min	0-200m/min
Max Cutting Size	4200mm*2800mm	6100mm*3300mm
Thickness	3-19mm	3-25mm
Power	5-8KW	8-17KW
Power Supply	380V/50HZ	380V/50HZ
Loading Speed	Adjustable	Adjustable
Cutting Speed	Adjustable	Adjustable

Product components



Full automatic glass loading machine

Full automatic CNC glass cutting machine

Glass breaking machine

Product performance

The advanced mechanical structure matched with an advanced cutting and optimizing system from Italy improves greatly the stability of the cutting machine and glass-cutting quality and utilization to achieve glass-piece automatic loading, transferring, positioning, utilization, cutting, and breaking.

Product features

Strengthened security, faster speed, more accuracy, easy operation, higher utilization rate, better stability, full functionality, and more laborsaving.



Fully automatic top slicing and cutting machine



Product description

The automatic glass cutting all-in-one machine absorbs a single piece of glass through a suction cup, carries large and thick pieces of glass which are placed approximately vertically on a glass shelf, and then converts the glass to a horizontal state by mechanical transmission, and then uses a cutting system to cut it. It solves the current situation of difficult, unsafe, large cutting errors and low production efficiency which are caused by the large and thick pieces of glasses.

The machine is simple and safe to operate, features fast, high processing accuracy, and labor-saving. The control system of the loading mechanism is controlled by a microcomputer (PLC programmable controller), and the cutting system adopts a CNC numerical control operating system to make the entire control system reliable, simple, and high automation.

The machine can walk in the workshop and rotate 360 degrees. The machine automatically locates the angle and position of the glass and integrates linear cutting and heterosexual cutting. From the film loading to the cutting, it is fully controlled. The equipment adopts the latest generation control system, which truly realizes the linkage between the equipment and the computer, with high accuracy and fast speed.

Fully automatic top slicing and cutting machine



Smart suction

After the one-touch start of the glass, the machine automatically raises the boom, automatically walks and rotates to find the position and angle of the glass, and is equipped with a suction monitoring system to automatically lift the glass to the cutting table after the glass is sucked, automatically scan and cut the glass sheet.



Smart typography

Input the glass size, the size of the glass to be cut, and the cutting shape into the control panel, leaving the left work to this machine, highly improved the work efficiency and time-saving.



Automatic cutting

The cutter head is made of a German Bolero head and can be rotated freely in 360 degrees to cut any shape. Computer control,

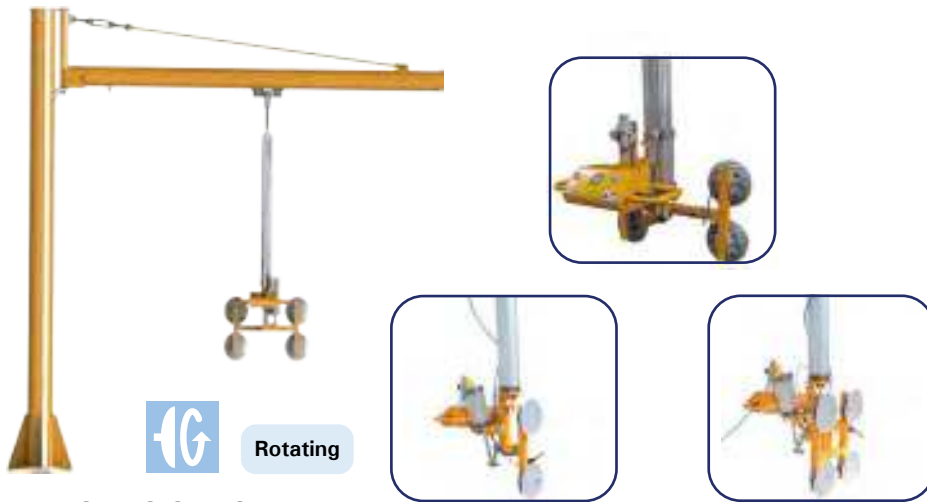


Air floating platform

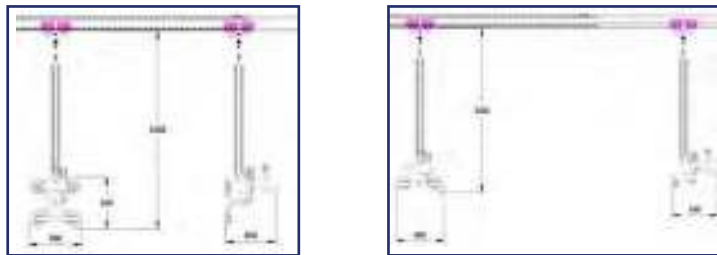
The machine has an air floating system, and more than one hundred air holes are evenly arranged on the cutting table to ensure the stability of the airflow. It is very easy to push and pull

Model	TJC-2420	TJC-3624
Dimensions	3100*3600*1400mm	3930*4700*1400mm
Glass Max Processing Size	2440*2000mm	3660*2440mm
Net Weight	2600Kg	3100Kg
Cutting Thickness	2-19mm (air pressure control)	
Cutting Speed	0-180m/min	
Voltage & Air pressure	380V/50Hz, 0.6MPa	
Loading Speed	15-40s	
Installed Power	11.8 kW	
Height of the WorkingTable	850mm	

Pneumatic Vacuum Glass Lifter Sucker



Dimensional drawing

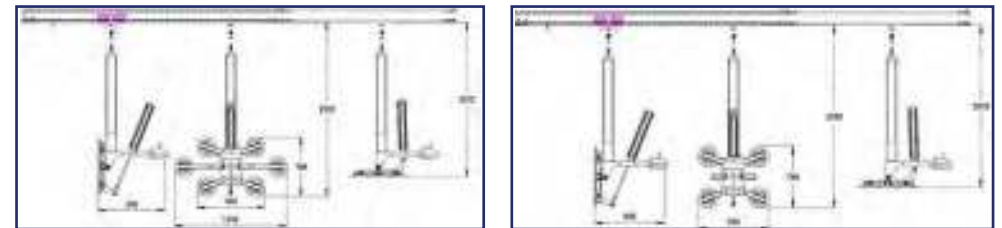


Model	TR-XZ260-2	TR-XZ350-4	TR-XZ450-6
Lifting Capacity	250	350	450
Pad Quantity	2	4	6
Rotation Degree	Rotating 90°		
Vertical Lifting Max Distance	1.2m		
Pad Diameter	250mm		
Pad Material	Silica Gel		

Pneumatic Vacuum Glass Lifter Sucker

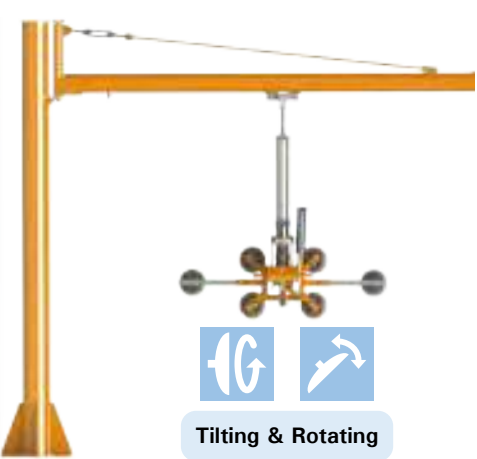


Dimensional drawing



Model	TR-FZ350-4	TR-FZ450-6
Lifting Capacity	350Kg	450Kg
Pad Quantity	4	6
Turn Over Degree	90°	
Vertical Lifting Max Distance	1.2m	
Pad Diameter	250mm	
Pad Material	Silica Gel	

Pneumatic Vacuum Glass Lifter Sucker



Tilting & Rotating



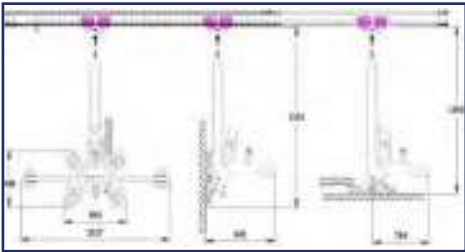
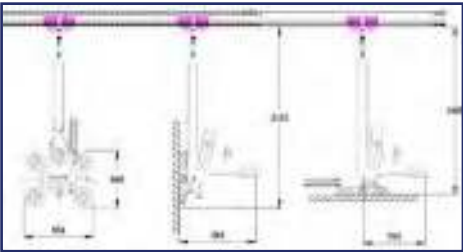
A



B

Telescopic armrest vacuum lifter

Dimensional drawing



Model	TR-XFZ350-4	TR-XFZ450-6A	TR-XFZ450-6B
Lifting Capacity	350Kg	450Kg	
Pad Quantity	4	6	
Vertical Lifting Max Distance	1.2m		
Pad Diameter	250mm		
Pad Material	Silica Gel		
Turn Over Degree	90° manual turn over & rotation		

Pneumatic Vacuum Glass Lifter Sucker



Tilting & Rotating



Suction cup trolley



180°rotating vacuum lifter
(Electric hoist)



180°rotating vacuum lifter
(Cylinder)



Vacuum lifter for straight edge
machine



Vacuum lifter for bending glass



Vacuum lifter film-combing room



Vacuum lifter for metal plate



180° tilting

Glass Installation Robot

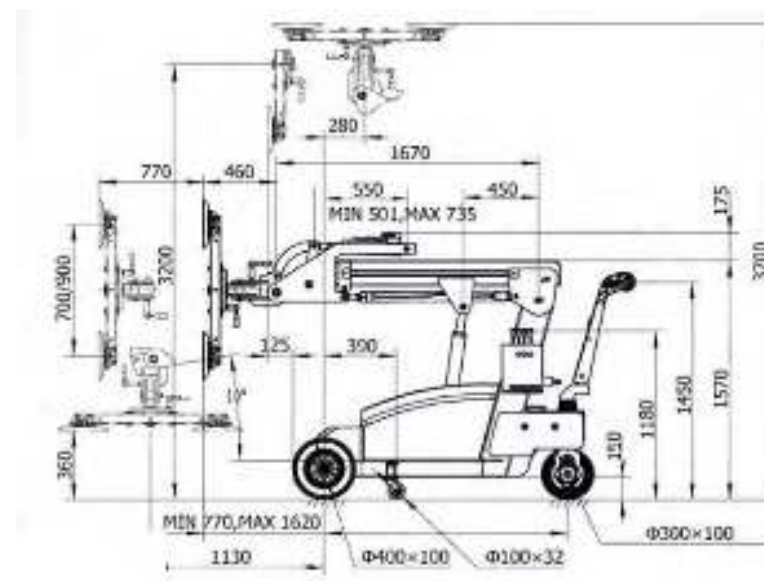


The machine featured battery-powered which makes sure that the machine could be applied for a glass plate or curtain installation indoors or outdoors without a cable connection, it was driven by front wheels with a mechanical differential axle, the wheel has a special big pattern for rough condition floor. The machine contained a hydraulic system, which provided powerful strength for lifting, extension, tilting, and side moving, with a sensible mechanical valve, all hydraulic cylinder moving speed could be sensible, which could be helpful for fine positioning.

Main Specifications

- Maximum load: 400kg while the arm back to end, 250kg while the arm full extended
- Maximum lifting height: 3300mm from ground to the center of the suction frame
- Moving: automatically moving, speed control by manual roller sensibly
- Lifting control: with a hydraulic ram, controlled by manual mechanism valve sensibly
- extension control: with a hydraulic ram, controlled by manual mechanism valve sensibly, maximum extension distance 710mm, maximum extension distance from the front wheel to the suction pads was 1310mm(the ram in parallel with the ground)

Dimensional drawing



Glass Installation Robot	TAR-300	TAR-350	TAR-400	TAR-500	TAR-600	TAR-800
Rated Load Capacity	300Kg	350Kg	400Kg	500Kg	600Kg	800Kg
Battery	2*12/80V/A	2*12/90V/A	2*12/100V/A	2*12/120V/A	2*12/210V/A	2*12/210V/A
Charger	24/12V/A	24/15V/A	24/18V/A	24/18V/A	24/18V/A	AC110-220V
Overall Length	2660mm	2660mm	2660mm	2800mm	2800mm	3045mm
Driving Wheel Dimension	250*80mm	250*80mm	250*80mm	300*100mm	300*100mm	450*200mm
Drive motor	24/1200V/W	24/1200V/W	24/1200V/W	24/1200V/W	24/1200V/W	AC 24V/2.2kW
Overall Width	810mm	810mm	810mm	810mm	810mm	850mm
Pads Diameter	300mm	300mm	300mm	300mm	300mm	400mm
Manual Rotating	360°	360°	360°	360°	360°	360°
Lifting Height	3500mm	3500mm	3500mm	3500mm	3500mm	3500mm
Lift motor	24/2000V/W	24/2000V/W	24/2000V/W	24/2000V/W	24/2000V/W	24/2000V/W
Glass Size	3660*2440mm	3660*2440mm	3660*2440mm	3660*2440mm	3660*2440mm	3660*2440mm
Manipulation	Walkle Type	Walkle Type	Walkle Type	Walkle Type	Walkle Type	Walkle Type

Cranage Equipment



The production and design of the TRYN series suction cup pallet truck combine the advantages of forklifts and suction cup spreaders, which can be used as the functions of ascending, descending, forward-tilting, backward tilting, side shifting, rotating, and side turning and can lift the glass from horizontal to vertical or Any switch from vertical to horizontal, generally used for handling, loading and unloading glass, iron plate, stainless steel plate, and other plates. Among them, TRYN-S requires manpower to push and pull to walk, TRYN-F can walk electrically, and RYN-N is a counterweight type without support legs, which is more convenient to operate. Can receive non-standard customization.

Model	TAYN-S	TAYN-F	TAYN-N
Max. Lifting Weight (horizontal)	800Kg	1000Kg	1000Kg
Max Lifting Plate Size	3660*2440mm	3660*2440mm	3660*2440mm
Lifting Height	1600mm	1600mm	1600mm
Safe Loading Weight (Vertical)	400Kg	500Kg	500Kg
Battery	24/120V/A	24/120V/A	24/120V/A(24/210V/A)
Suction Cup Diameter	300mm	300mm	300mm
Suction Cup Qty	4/6/8	4/6/8	4/6/8
Lifting Speed	90/120mm/s	90/120mm/s	90/120mm/s
Falling Speed	125/80mm/s	125/80mm/s	125/80mm/s
Lifting Motor	2.2kW	2.2kW	2.2kW
Front Wheel Size	80*70mm	80*70mm	80*70mm
Balance Wheel Size	150*50mm	150*80mm	150*80mm
Operation	Manual	Electrical	Electrical
Brake Method	Foot brake	AC	Electromagnetic brake
Walking Motor		1.2kW	1.5kW
Driving Wheel Size		Φ300*80 mm	
Power		AC	



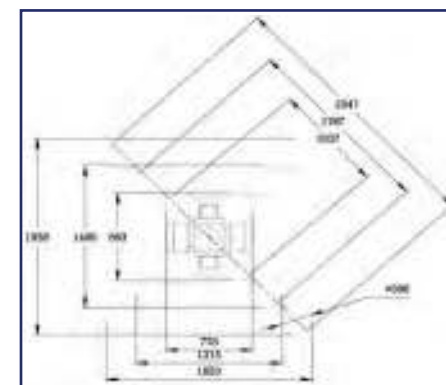
Electrical Glass Vacuum Lifter



Tilting & Rotating

We are specialized in high-quality Vacuum glass sucker, and all the pneumatic components are imported from those famous brands, such as Japan (SMC) and the USA. (Thomas). This product is widely used in processing filed like glass/ steel/wood/machinery and so on. Our team has been working in this field for over 10 years with their rich experiences, and we can produce different models of glass lifter with customer's needs or design is based on the actual situation. This device is widely purchased by Chinese companies, including some well-known companies, and it was sold abroad in Europe and the USA, the Middle East, Russia, Southeast Asia. Its shelf life is 18 months and it has a favorable price and perfect after-sale service.

Model	TR-X4/TR-X6/TR-X8
Capacity	350/500/600Kg
Pad Demeter	290mm
Pad Qty	2004/6/8
Tilt&Rotation Type	Manual
Tilt	0-90°
Rotation	0-360°
Optional Configuration	Extension Arm



Electrical Glass Vacuum Lifter



Electrical Turnover & Handle Rotation



Electrical Turnover & Electrical Rotation

Designed for big-sized glass, mainly suitable for outdoor screen installation/and outdoor large glass movement, it has rotating and reversal function. (customer also could choose single rotating and reversal function); the machine has power-off protection and alarm function for lack of vacuum. Make use safely, meanwhile could add telecontrol device, suitable for the glass in top outdoor screen.

Model	TR-DFSXZ-12A	TR-DFSXZ-12B
Voltage	380V	48V
Battery Life	N/A	15-20h
Capacity	1000-1500Kg	
Rotation	360°	
Tilt	90°	
Control mode	Wire/Remote Control	

Electrical Glass Vacuum Lifter



Line Type Electrical Glass lifter

Line type glass lifter with Battery can be suitable for the small size of glass indoor and outdoor use, which is designed lighter. It is also perfect for door and window glass installation within length 3.5 meters and wide 1.5 meters. It has a rotating and reversal function. (customer also could choose single rotating and reversal function); the machine has power-off protection and alarm function for lack of vacuum.



Super large electrical glass vacuum lifter



Super large double clamp lifter for insulating glass

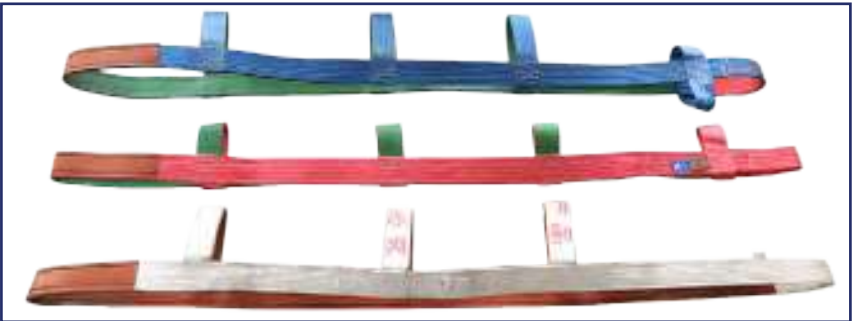
Glass Sling



We are very proud to say we have a high-quality and very designed glass sling in China. We use the Swiss ribbon loom to make it, one sling has four layers. It was made by the high-intensity polyester thread as the bearing core, and add high-tech materials in the inner glass contact area as the anti-cutting layer. Also, it originally creates the R-angle full-steel plate base which can be used in the lifetime. Product design conforms to the principle of mechanics, spreads the load, and the details are perfect.



Pictures Showing



Model	TY-GL
Capacity	5, 10, 20t
Length of the Sling (After Folding)	3.3m, 3.5m, 4m&customized
Width of the Sling	100mm
Steel Base	1)14 thickness *90 width*200 length (mm) 2)14 thickness *90 width*200 length (mm) 3)14 thickness *90 width*customized length (mm)
Length of the Anti-cutting layer	900mm

Glass Lifting Bar



Regular Model



Strengthened Model

The hanging bar has many advantages. Based on the different sizes of the glass pack, the hanging bar is universal for the glass length from 2000mm-3600mm. Designed in accordance with the principles of mechanics, the longitudinal and transverse bearing capacity is precisely calculated, and a new style of perfectionist suspension bar is designed by using the 3D model.

Model	TY-XSDG08
Capacity	4t
Length	3150mm
Diameter	146mm
Suitable glass length	2000,2200,2400,3050,3300,3600mm
Slots number	8



Forklift Truck Crane Arm



Classic forklift truck crane arm



Forklift truck crane with Base



Trapeze set-top forklift truck crane



New-style forklift truck crane arm



Double-jib forklift crane

Container U-Shape Suspension Arm



U-shaped booms are widely used in various manufacturing workshops, stations, docks, ocean freight, and other container lifting scenarios. This equipment can easily lift 20-foot general cabinets, high cabinets, and 40-foot general cabinets of large and small plates, glass, rock slabs, stone, wood boards, steel bars, etc. There is no need for two large-tonnage forklifts to work together. This equipment does not cause damage to the goods, does not need to drag wooden boxes, does not damage the container, has low loading and unloading costs, and is safe and reliable. It can be used in combination with cranes and cranes. It can make full use of the venue without being restricted by the venue. The weight of the product can be customized according to customer needs (2700KG-10000KG). According to the packing needs, you can choose the 20-foot container or the 40-foot cont.

Model	TRSY-JZXD05A	TRSY-JZXD05B	TRSY-40C
Lifting weight	2700kg	2700kg	3500kg-10000kg
Arm length	4800mm	8668mm	The arm length is determined according to the difference in weight.
Working range	Suitable for big size glass	Suitable for big size glass or small size glass	Suitable for all types of plates
Assembly range	20GP	20GP	40HQ

Note: The external dimensions are changed with the process, and the final interpretation right belongs to our company.



Forklift Truck Skewer



A forklift truck is a professional tool for loading and unloading container glass. It has a low purchase cost and can be installed without any modification to the forklift. It can also adapt to the loading and unloading of both large and small plates of glass.

The forklift trucker skewer can give full play to the performance advantages of forklift, which also break through the limitation of site area and work at any time.

This product has the advantages of reasonable structure, convenient operation, high work efficiency, and no need for maintenance.

Model	TRSY-CCCG-01
Lifting weight	2700Kg
Arm length	6000mm
Dead load	900Kg
Working range	Suitable for large and small glass loading and unloading



Glass Lifting LC Clamp



The hanging clamp originates from the Italian design concept. Its exquisite workmanship and stable performance make it have a good reputation in the world. Die-cast aluminum parts ensure the required strength during operation; die-cast aluminum parts are fused with natural rubber to ensure that the rubber and aluminum parts will not peel off; natural rubber guarantees affinity for glass and will never slip. It is designed with eight polyurethane casters; the outer four wheels slide against the outer glass for easy operation. The inner four wheels ensure that the clamped glass slides in along the wheel without touching aluminum and rubber.

Model	TR-YDLDJ
Specification	227*740*654mm
Self-Weight	25Kg
Working Load	20-1000Kg
Suitable glass Thickness	4-19mm
Types	Rubber and Cork



Glass Lifting Cayman Clamp



The clamp is an improved version of the original semi-automatic glass lifting Cayman clamp. The outside is more beautiful and smoother with brighter paintings.

The core ratchet mechanism is small and precise, and it is flexible to rotate. It doesn't need manual assistance during the work, it attaches and releases the glass sheet automatically with the crane moves up and down.

Model	TR-QZDJ500
Specification	250*260*560mm
Self-Weight	17.5Kg
Working Load	500Kg
Suitable glass Thickness	4-19mm
Types	Rubber and Cork



A glass lifting Clamp is an ideal tool to move a large glass plate. The clamp is lightweight, small-sized, easy to use, safe, and reliable. It can lift 4-19mm glass and is suitable for super-large and super-heavy glass for their rewind, loading, and unloading task.



AL Type/ Frame Glass Storage Rack

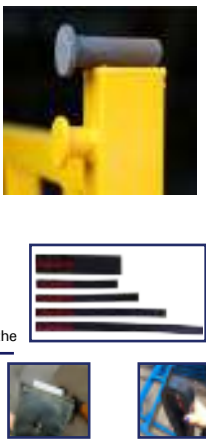
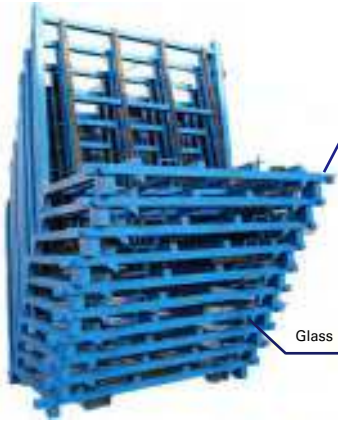


Designed for the same sizes of packs of glass storage, dozens of packages can be put in neat patterns with saving the most of warehouse space. The side of the A-frame rack can put beside the wall and the extension arms can be added unlimited quantity.

Model	AL type sheet glass stock shelf
Operating weigh	up to 20t
Height	2400mm
Length	2300mm
Self Weight	180kgs
Square steel tube	60*60*3mm
Function	Mainly for glass packs storage, saving themost of space.



L Frame Glass Rack



L-shape shelf is a mufti-functional glass stock rack integrating storage and transport all-in-one. It is the first choice to store fragmented glass or finished glass. Shelf angle strictly controlled at 90 degrees, so it will never be slipped for the Hollowed Glass. With crown block and forklift truck, it can move glass with great stability. And also can be directly handling by Crane. The shelf can be overlaid one by one to save storage space, transport space and improve utilization rate if warehouse.

Model	L frame glass rack	L frame glass rack	L frame glass rack
Specification	1800*1600*750mm	1800*1600*950mm	1800*1600*1150mm
Storing Thickness	540mm	690mm	890mm
Qty for 1*40HQ	86pcs	75pcs	68pcs
Self-weight	95kgs	100kgs	115kgs
Note	Customized size and design are available.		



A Shape Shelf



A Frame Glass Storage Rack



A Frame Glass Transportation Rack

A- shape shelf has two types; one is the storage rack and the other one is the transport shelf. Our products used national standard materials, safety, and design scientific, it is stable even when only one side has the glass. The extension is available to accommodate ten bags of large glass plates. The transport shelf meets the need for long-distance transportation for glasses. Our shelves can be customized according to the glass specification and customer's requirements.

Model	A Frame Glass Rack
Operating weight	up to 20t
Height	2400mm/1900mm
Length	2300mm/2300mm
Self-Weight	168kgs
Square steel tube	60*60*3mm
Function	Mainly for glass packs storage, saving the most of space.

Model	A Frame Glass Transportation Rack
Operating weight	4t
Height	2400mm/ 1900mm
Length	2200mm/2200mm
Self-Weight	200kgs
Square steel tube	60*60*3mm
Function	Mainly for glass packs storage, saving the most of space.

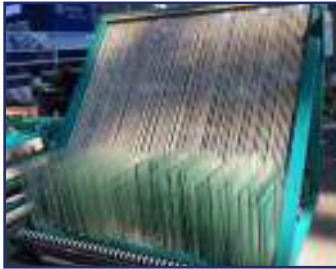


High Quality Glass Shelf



This product is widely used in high-end glass, hollow glass pairing, and other places with a strict requirement on glass placing. It can ensure that a single piece of glass is not hurt when placing. For hollow glass pairing, it can take and put glass accurately, to achieve the goal of saving manpower & time & space. The shelf has a device for fixing glass to avoid glass slide down when moving. It uses a separated structure, easy to assemble and install, can greatly reduce the cost of transporta-

Model	Harp glass rack	Harp glass rack
Specification	1500*1800*1200mm	1500*1800*1000mm
Storing Thickness	Less than 8mm	Less than 12mm
Spaces for one rack	84pcs	40pcs
Self-Weight	150kgs	125kgs
Working Load	1500kgs	1500kgs
Note	Customized size and design are available.	



Glass Storage System



Electrical

The equipment is composed of electrical part and mechanical part, and the operator will drive the motor via the remote-controlling equipment, which will drive the mechanical pushing rod to make mobile rack bodies of a certain amount on the equipment to move in a certain direction, and it can realize the storage and placing operation of the glass effectively. The number of racks for one system can up to 35.

Model	Electrical glass storage rack system-S	Manual glass storage rack system-S
Control	Electrical	Manual
Max System	35 racks	15 racks
Max size of glass	2440*3660mm/2440*1830mm	
Storing Thickness for one Rack	250mm	
Qty for 1*40HQ	20racks	
Weight Load for one rack	4000kgs	
Note	Customized size and design are available.	



Manual

Mobile storage rack can centrally manage glass, run remotely, and manually operate with easy control. It is convenient to take the glass and run smoothly. With running racks, you can easily put and pick a glass pack. It can help to save storage space and customized sizes and designs are available. The manual model can up to 15 racks one set. Our most popular model is 10 racks one set.



Mobile Storage Racks



Electrical

The mobile load of glass storage rack handles up to 300 tons. There are hundreds of different glass packs weighing 3-4 tons per pack that are placed properly in one rack system to avoid frequent movement.



Manual

The glass storage racks can be operated manually without using air and electricity, low maintenance cost, safe, convenient, and efficient.

Model	Electrical glass storage rack system-A Manual glass storage rack system-A	
Control	Electrical	Manual
Max System	100racks	20racks
Specification	2440*3660mm/2440*1830mm	
Storing Thickness for one Rack	350mm	
Qty for 1*40HQ	90racks	
Qty for 1*20GP	45racks	
Weight Load for one rack	4000kgs	
Note	Customized size and design are available.	

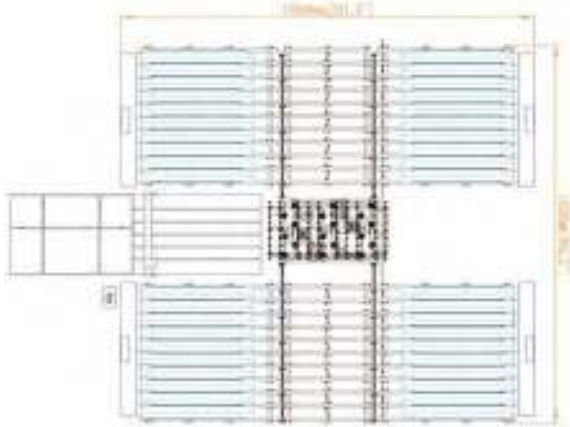


Intelligent glass storage system



The intelligent glass storage system is one kind of non-standard customization, which combines sets of full automatic glass storage frames、glass loading tables and glass cutting lines. The advantage of this system can be professionally managed with different sizes of glass and increase efficiency between loading and cutting.

It connects with the ERP system and can real-time information exchange the glass stock data. It moves the glass racks to the loading position according to the optimized results. The glass storage system has independent stock management and makeup stock function. The control system can operate the trolley to execute the order automatically according to the order and real situation at the site.



High Quality Glass Shelf

Our company strength is abundant, has a professional team, we can according to customer's idea and requirements, tailored for the customer.



Detachable conjoined A-frame



Removable upper sheet ALframe



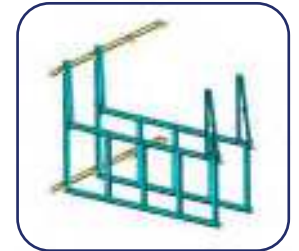
One-piece A frame for workshop



Container shipping rack



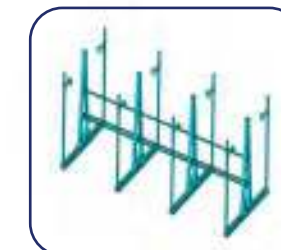
Stackable L-frame



Double-layer wooden box storage rack



Moving conjoined A-frame



Combined A-frame



Customized harp rack

Laminated furnace Upgrade



Note: Double station

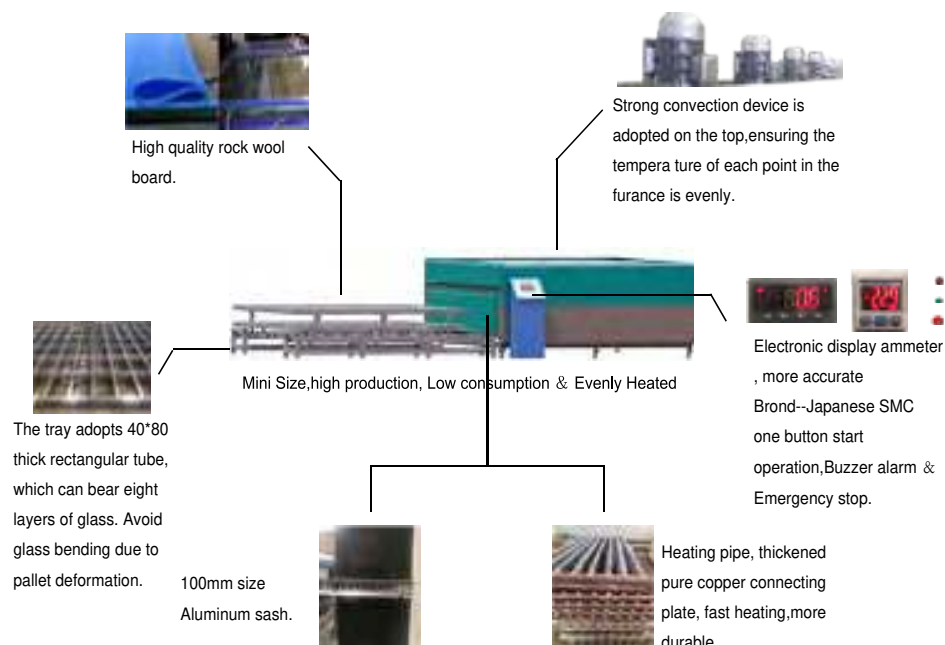
The use of wind circulation heating made, temperature equilibrium, so as to improve the quality of the products. PLC variable frequency control system, temperature control precision, the default multi-section temperature control, according to the different processes can be the arbitrary choice of the temperature section number. High yield, low energy consumption, small footprint, is ideal for the processing industry.

Equipment can be produced

Ordinary float laminated glass, tempered laminated glass, curved laminated glass, colored laminated glass, LED glass, dimming glass, bulletproof glass, multi-layer laminated glass, wired glass, sliding door reinforcement photo glass, crystal steel floor glass, home appliance panel glass, glass corner, photo studio crystal photo glass, background wall, and video wall glass, coffee table, partition screen, frame-less painting, and other personalized photo glass, etc.

Model	One layer single station	Double layers single station	Three layers single station	Four layers single station
Power	21.3kW	46.7kW	49.7kW	55.7kW
Machine size	3000*2250*1200mm	4200*2800*1590mm	4200*2800*1750mm	4200*2800*1910mm
Weight	980kgs	2400kgs	3050kgs	3300kgs
Vacuum bed sets	ONE	TWO	THREE	FOUR
Maximum processing size	1900*2500mm	3440*3660mm	2440*3660mm	2440*3660mm

Laminated furnace Upgrade



What upgrades did we do?

1. Change the disadvantages of the side air outlet of the traditional laminating furnace equipment, upgraded to the top air outlet so that the glass can be heated more evenly, and the heat is dispersed more quickly. The unique circulating air design not only saves energy but also improves product quality and reduces production time.
2. Due to the design advantage of the top air outlet, the new product adds a multi-task operating system. Double-stations can be designed on both sides of the laminating furnace, and the furnace can be cross-entered. When the furnace is heated, the sheets can be prepared on the reserved workbench, so that it will directly reduce the original waiting time during the laminating automatic operation process., greatly improving work efficiency and increasing output. If calculated according to 8 working hours per day, two workers can produce 400 square meters of high-quality laminated glass per day.
3. One-button operation, simple and easy-to-learn man-machine interface.
4. In terms of appearance, high-quality fire-retardant coating paint, and high-density. high-quality steel plates are used to maximize the quality, stability, and thermal insulation effect, while achieving a simple and beautiful appearance. The unique anti-overflow glue design ensures the safety of the operation and reduces waste. The size of 3030*4200*1750 can be used for laminating production of a large glass, saving time and effort.

Glass Laminated Line



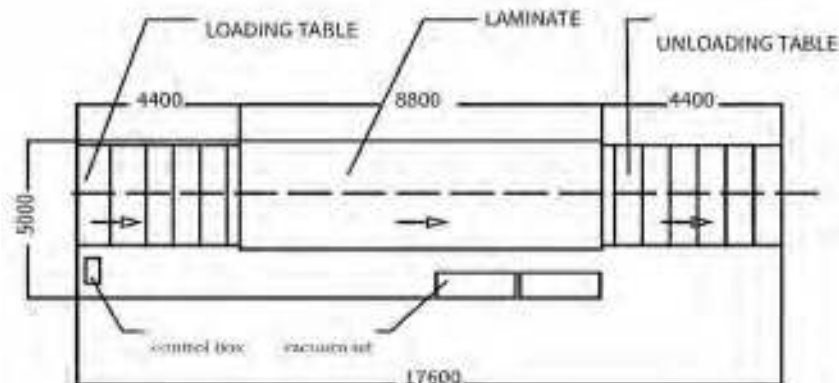
One step PVB/EVA laminating glass machine is no pressure vessel is very safe, not need autoclave, the machine has special technical to dehumidify, do not need pre-pressing exhaust, if the weather is too wet like in the south of China, you better use the room with temperature control and dehumidify equipment to close the glass and PVB film, the machine can produce PCB/ EVA laminating glass, it can laminating silk and clothe to produce artistic glass.

Features

1. Non-Autoclave process and no need for humidity controlled room.
2. Performs equally well with normal PVB/SGP/EVA film, etc.
3. Automated processing, just input specifications into the touch screen.
4. 6-17 Minutes cycle time per batch or piece. (Depends on the thickness of glass.)
5. Flexible for production, suitable for both bulk and single piece runs.

Model	TPSYQ70 24 4L	TPSYQ70 24 5HL	TPSYQ60 32 4L	TPSYQ60 32 5HL	TPSYQ50 24 4L	TPSYQ60 24 5HL	TPSYQ50 24 4L	TPSYQ50 24 5HL	TPSYQ35 24 4L	TPSYQ35 24 5HL
Glass Size	7000*2400*10mm	7000*2400*10mm	6000*3200*10mm	6000*3200*10mm	5000*2400*10mm	6000*2400*10mm	5000*2400*10mm	6000*2400*10mm	3600*2400*10mm	3600*2400*10mm
Output	270 440 m ²	440 670 m ²	290 500 m ²	450 700 m ²	230 380 m ²	340 570 m ²	190 310 m ²	280 480 m ²	140 230 m ²	200 340 m ²
Power	160KW	210KW	155KW	210KW	120KW	130KW	120KW	120KW	90KW	120KW
Machine Size	31.5*4.5*1.8mm	30.0*4.5*1.8mm	27.65*5*1.8mm	35.0*5.5*1.8mm	27.6*4.5*1.8mm	35.0*4.5*1.8mm	23.9*4.5*1.8mm	29.0*4.5*1.8mm	17.6*4.5*1.8mm	22.0*4.5*1.8mm
Machine Weight	35000KG	45000KG	30000KG	38000KG	27000KG	26000KG	25000KG	32000KG	23000KG	28000KG

Glass Laminated Line



Assembly Line



Outdoors

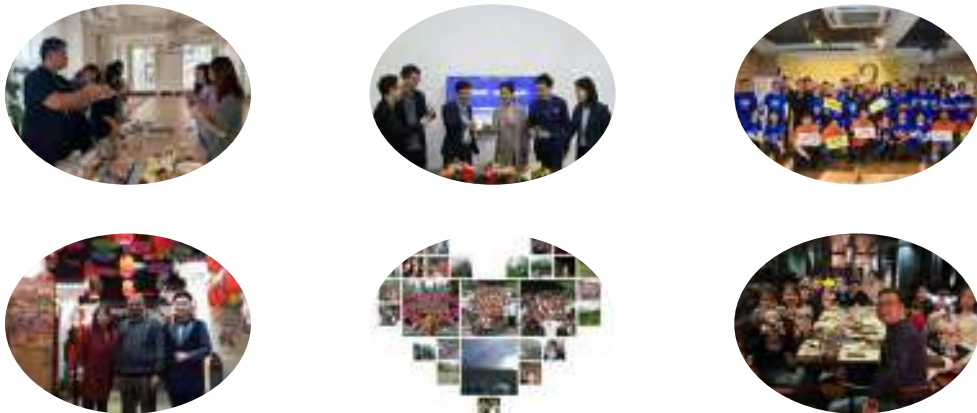


Our team

Exhibition style



Company Activities



Our service

Quality control

Each product has undergone five rigorous quality control



Raw Material QC

Production QC

Warehouse Entry QC

Outgoing QC

QC before Shipment.
The relative photos and videos are provided to customers.

We are deeply committed to quality control(QC) in all of our processes, from raw material to delivery, in order to offer safe and reliable products to our customers.

After-sales service



Customers can master the delivery schedule in real time



Ensure easy use by customers



Protect the rights of customers in the whole