



# **Bhambra International**

**DEALS IN GLASS PLANTS & MACHINERIES**

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*Bhambra International*





## *About Us*

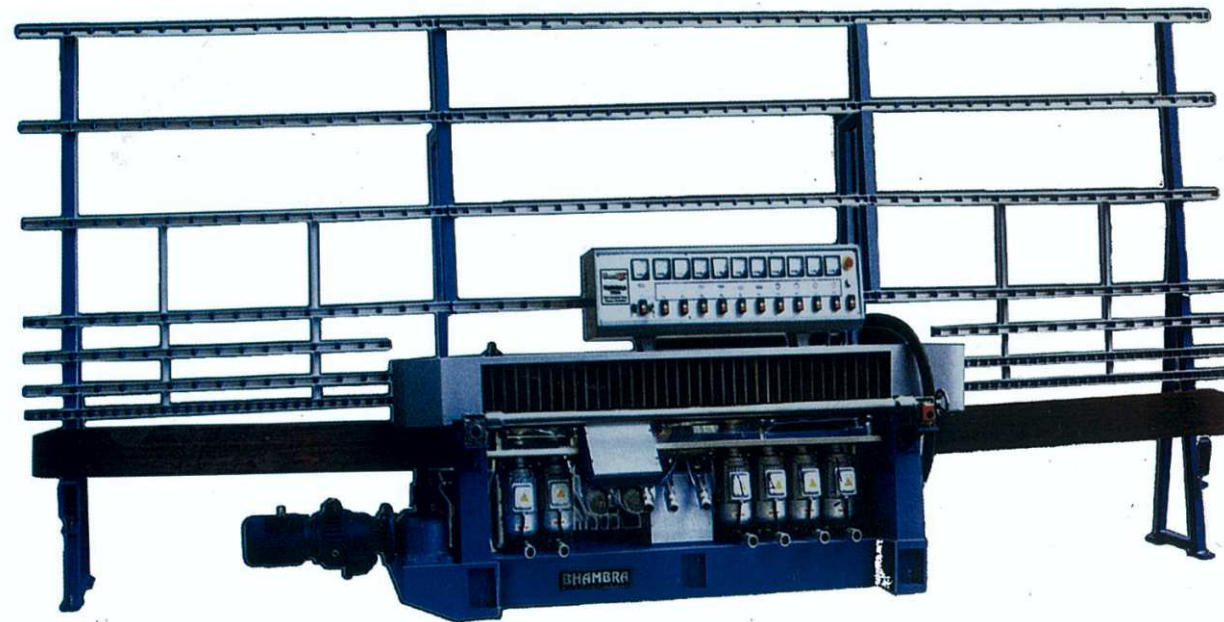
Bhambra International founded in the year 1982 has been dealing in various types of glass processing and working machine like Toughen Plant, Insulating Line, Cutting Line, Glass Grinding, Polishing, Beveling, Drilling, Sandblasting, Washing, Cutting and Laminating machines etc and its related accessories like Grinding Wheels, Drill Bits, EVA film Roll etc. The Products of this company being of international quality have been praised in the glass market of the country and abroad. The aim of the group is of providing the best services and high quality glass products for the national & international market. The constant focuses on developing new international quality products and research & development make Bhambra International distinct from others.

Mr. Balwinder Singh is the Proprietor of the company have developed and brought the business inherited from his father Late Kartar Singh Bhambra (well known name in the glass line) to new heights. It is not known only for Quality Products but for after sale service of the company also which is excellent. That is why, the high quality products of this company have gained popularity in the fast moving glass market of India.

For the Company "Quality is not just a concept or a word of distinction, but a complete culture adapted, developed and motivated in each point of process, committed to improve our capability on continuous basis to ensure the customer's utmost satisfaction. To provide a complete business solution by way of competitive rate, unmatched quality, timely delivery and complete satisfaction to the customers by the way of after Sales & Service.

# 1. Glass Straight Line Edging Machine

High-class glass Straight Line Edging Machine is specially for grinding and polishing the straight line flat edge of different thickness and size of the flat glass. The coarse grinding, fine grinding & polishing can be completed nicely in one time process. Its productive efficiency is high and operation & maintenance are easy.



## TECHNICAL SPECIFICATION

Processing speed	0.5-5m/min
Min. Processing size of glass	100 x 100mm
Max. Processing Size of glass	2440 x 3660mm
Glass Processing thickness	4-19mm
Total power	18.5 KW
Gross weight	3500 Kg
Occupation area (L x W x H)	6500 x 1500 x 2200mm

*Available in 9 Spindle, 10 Spindle & 11 Spindle*

## 2. Glass Straight Line Edging Machine

High-class glass Straight Line Edging Machine is specially for grinding and polishing the straight line flat edge of different thickness and size of the flat glass. The coarse grinding, fine grinding & polishing can be completed nicely in one time process. Its productive efficiency is high and operation & maintenance are easy. Advance lubrication system, Heavy Conveyor Belt, Improved motors with less Vibration & Noise



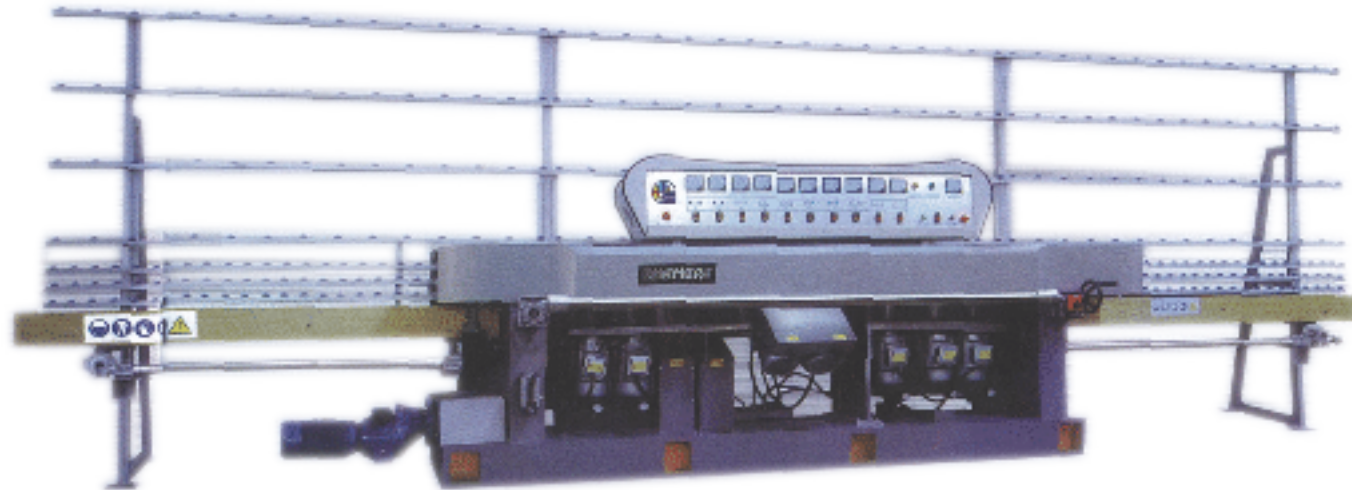
### TECHNICAL SPECIFICATION

Processing speed	0.5-5m/min
Min. Processing size of glass	100 x 100mm
Max. Processing Size of glass	2440 x 3660mm
Glass Processing thickness	4-19mm
Total power	18.5 KW
Gross weight	3800 Kg
Occupation area (L x W x H)	6500 x 1500 x 2200mm

*Available in 9 Spindle, 10 Spindle & 11 Spindle*

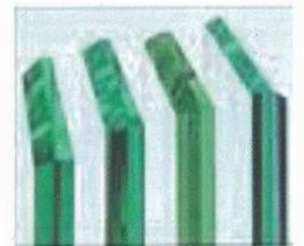
## 3. Glass Straight Line Edging Machine with 45°

Glass Straight Line Multi Level Edging machine is specially for grinding and polishing line flat edge & multilevel corner angle on different thickness of flat glass. The coarse grinding, fine grinding, polishing and angle-making can be completed nicely in one time process. The motor assembles and adjust in a large range. It uses stepless device to adjust the process speed. It has many assembled forms to suit different demand of grinding and different glass product. Automatic lubrication, system Adjustment for multiple Degree, Heavy Conveyor Belt & Improved Motors with less Vibration & Noise.



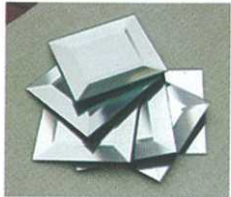
### TECHNICAL SPECIFICATION

Processing speed	0.5-5m/min
Min. Processing size of glass	100x100mm
Max. Processing size of glass	2440x3660mm
Glass Processing thickness	4-19mm
Total power	18.5KW
Gross weight	4000KG
Occupation area (L x W x H)	8000x1700x2200mm
Base Angles	45°-90°



## 4. Glass Straight Line Beveling Machine

This Machine is used in the Straight-Line Bottom Edge and Bevel Edge Grinding for the flat glass, Bevel Edge's coarse grinding and fine grinding, polishing, once-shape wheel's bottom edge grinding complete in one time. Using the Direct-connect Wheel Motos, it has advantage such as : compact structure, high precision, stable property, low noise and easy operation etc.



### TECHNICAL SPECIFICATION

Processing speed	0.5-5m/min
Min. Processing size of glass	100x100mm
Maximum Grinding Width	40mm
Glass Processing thickness	4-19mm
Total Power	20KW, 380V, 50Hz.
Gross Weight	4000Kg
Occupation area (L x W x H)	7000 x 1000 x 2500mm

## 5. Glass Straight Line Beveling Machine

This Machine is used on the Straight-Line Bottom Edge and Bevel Edge Grinding for flat glass, Bevel Edge's coarse grinding and fine grinding, polishing, once-shape wheel's bottom edge grinding complete in one time. Using the Direct-connect Wheel Motos, it has advantage such as : compact structure, high precision, stable property, low noise and easy operation, Automatic lubrication system, Heavy Conveyor Belt, Improved Motors with less Vibration.



### TECHNICAL SPECIFICATION

Processing speed	0.5-5m/min
Min. Processing size of glass	100x100mm
Maximum Grinding Width	45mm
Glass Processing thickness	3-19mm
Total Power	20KW, 380V, 50Hz.
Gross Weight	4200Kg
Occupation area (L x W x H)	7000 x 1000 x 2500mm

PLC Model Also Available



## 6. 10 Motors Glass Straight Line Beveling Machine

Glass Straight line Beveling Machine, suitable for beveling various sizes flat glass. The coarse grinding, fine grinding, polishing and bottom edge process are finished at one time. The front pressing plates can be adjusted up and down according to the glass size. All the pressing plates are using with thicker steel plate, which make machine more stronger, transmit steadier and in higher working precision and the working speed adjusted by continuously variable mechanism transmission, easy operation and high practicality. Automatic lubrication system, Suitable For Small Glass Pieces, Heavy Conveyor Belt, Improved Motors with less Vibration & Noise.



### TECHNICAL SPECIFICATION FOR 10 MOTORS

Voltage	380v/50hz
Power	22.7Kw
Bevel Angle	0°-35°
Max Bevel Width	45mm
Glass Thickness	3-19mm
Feeding Speed	0.5-5/min.
Min. Size	40x40mm
Weight Of Machine	4000Kg
Overall Size (LxWxH)	7200x1300x2500mm

### TECHNICAL SPECIFICATION FOR 11 MOTORS

Voltage	380v/50hz
Power	24kw
Bevel Angle	0°-35°
Max Bevel Width	50mm
Glass Thickness	3-19mm
Feeding Speed	0.5-5/min
Min. Size	25x25mm
Weight Of Machine	4200kg
Overall Size (LxWxH)	7300x1300x2500mm

PLC Model Also Available

## 7. 6 Spindle Glass Round Edging Machine

It can process pencil or OG edge according to the wheels of different shapes. Grinding glass with different thickness needs wheels with different thickness. equipped with 6 grinding wheels. BIV6 is equipped with 3 grinding wheel and adjust the speed by stepless regulator.



### TECHNICAL SPECIFICATION

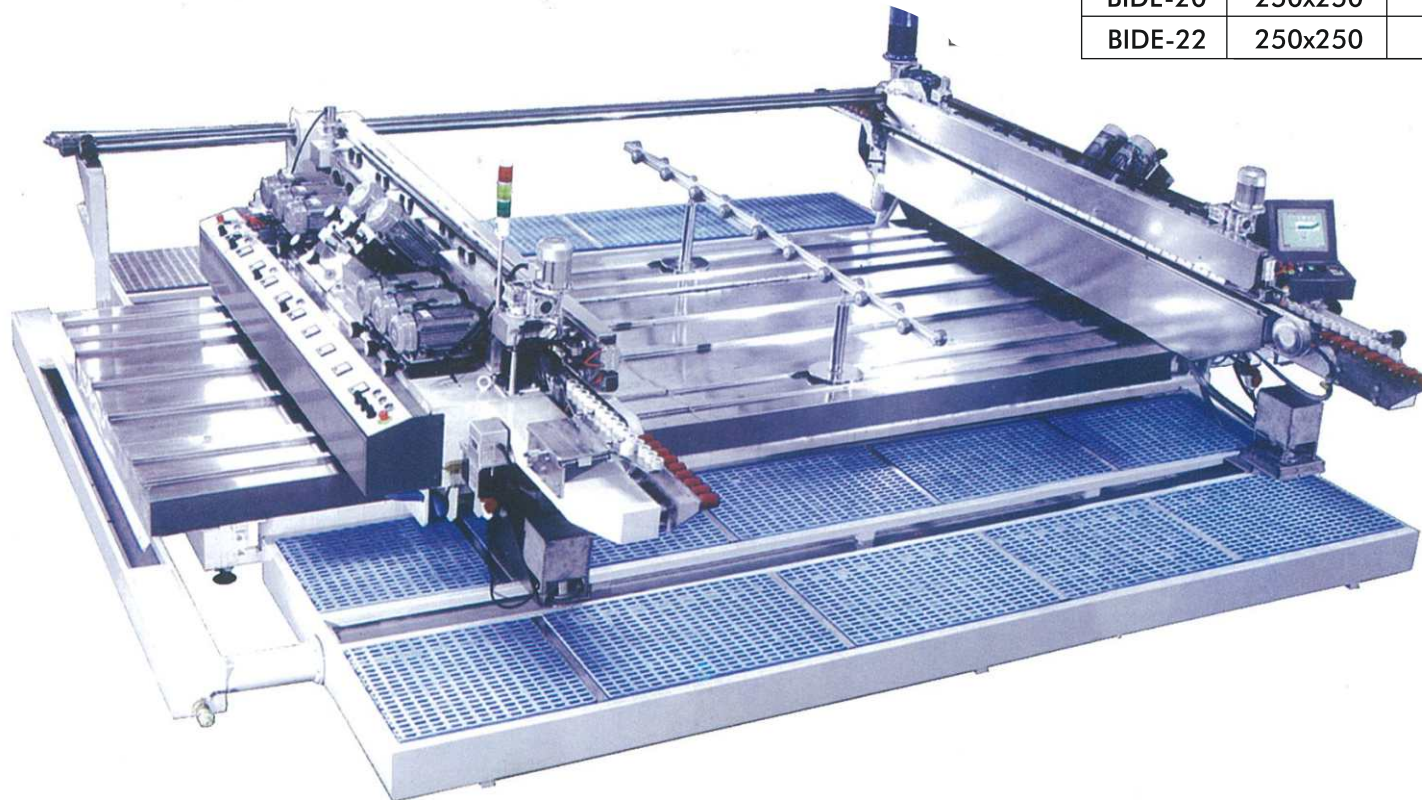
Processing Speed	0.8-3m/min
Min. Processing size of glass	100 x 100mm
Glass processing thickness	4~19mm
Total power	13KW
Gross weight	3000kg
Occupation area : (Lx Wx H)	6500 x 1000 x 2550mm

## 8. Glass Double Edging Machine Fully Computerised

BI series of Excellent Glass straight Line Double Edging Machine is specialized in grinding parallel double edge of flat glass. Glass is delivered horizontally, crude grinding, refine grinding and polishing are finished in due order. It adopts advanced machine tool moving technology, with PLC control, parallel processing result in high precision and easy operation, special size can be designed according to customer requirement. (Min. width can be 150mm but should be special order)

### TECHNICAL SPECIFICATION

Model No.	Min Processing Size (mm)	Processing Thickness of Glass (mm)	Processing Speed (m/min)	Power (kw)	Weight (kgs)
BIDE-12	250x250	4~25	0.4~4.8	26	4500
BIDE-16	250x250	4~25	0.4~4.8	33	5500
BIDE-18	250x250	4~25	0.4~4.8	37	6000
BIDE-20	250x250	4~25	0.4~4.8	42	6500
BIDE-22	250x250	4~25	0.4~4.8	45	7000





# 9. Glass Vacuum EVA Laminated Machine

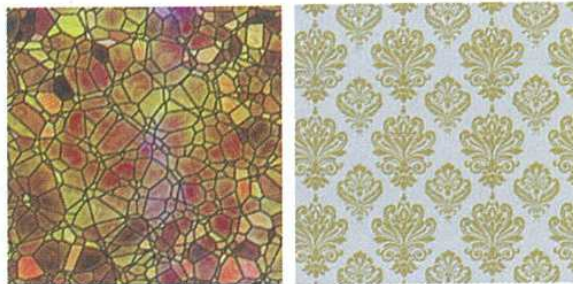
Glass Vacuum Laminating Machine is an excellent Lamination Machine for making high class laminating glass. It adopts vacuum principle to process double and single safe laminating glass by vacuum and heating glass with EVA Film. It can also apply to make various indoor and artistic laminating glass with Silk, Fabric Block, CLS Glass, Image, Furniture Glass, Church Glass, Dance, Floor Glass, Villa, Valance Curtain Windowpane & a various beautiful Artistic Craft Glass. ( We can make any special size according to customer needs)

### TECHNICAL SPECIFICATION

Machine Size	4200x2200x2050mm
Max. Glass	3200x1700mm
Voltage & Power	38V/415A, 50Hz, 3 Phase, 42KW
Gross Weight	3350kgs
Total Volumes	21.761 CBM
Including	<ol style="list-style-type: none"> <li>1. Machine</li> <li>2. Vacuum Pump 1 set</li> <li>3. Silicon Bed 5sets</li> <li>4. Power box 1set</li> </ol>



\*For Five Layers



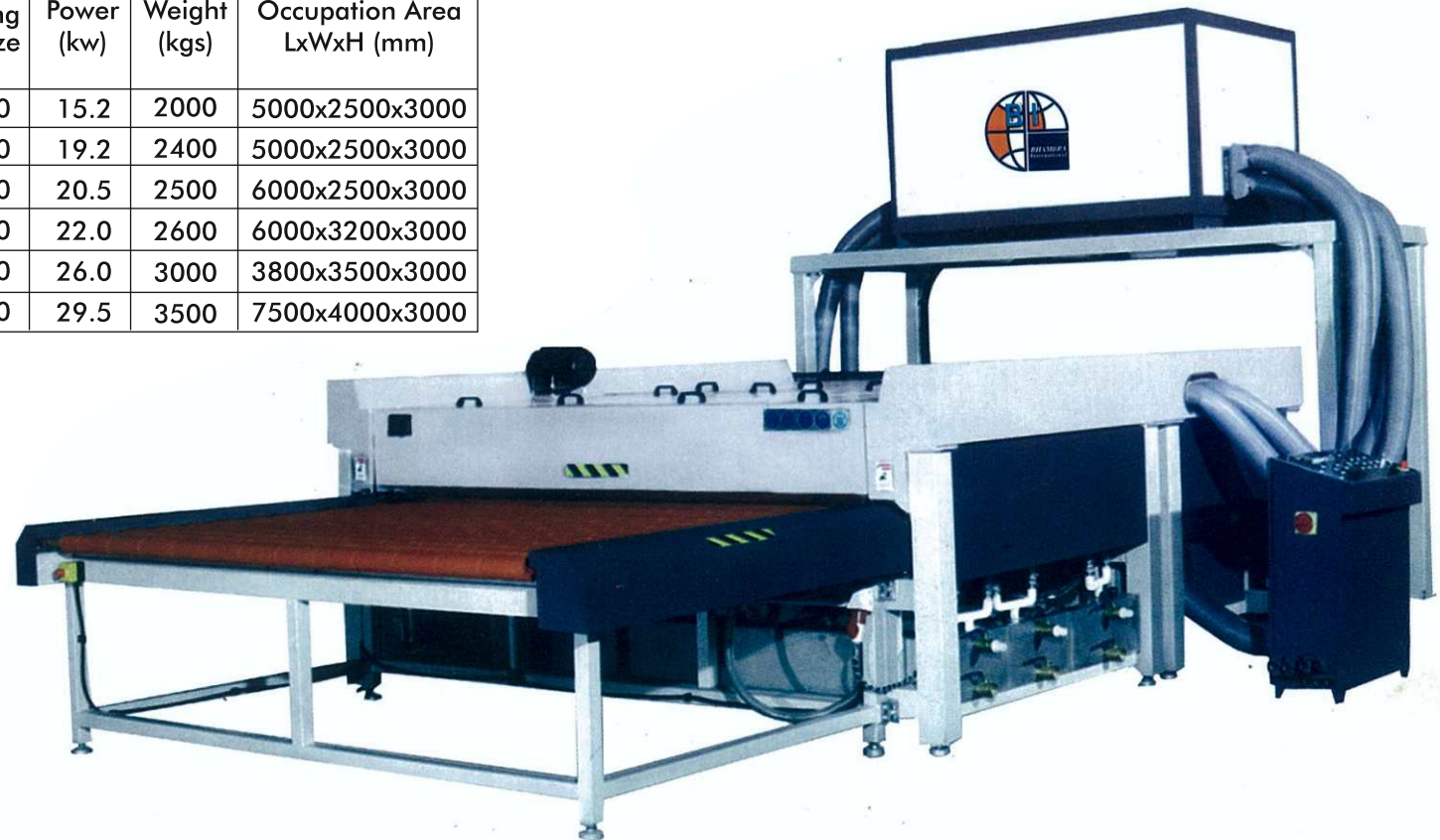
LPG Model Also Available •For Two Layers

## 10. Horizontal Glass Washing & Drying Machine

BI a series of our horizontal glass washing is special designed for tempering production line, laminating line, coated glass line. It combined function of three step washing, used with stepless regulator drive system, which is easy to wash different size of glass. Washing area installed with stainless steel or other special treatment steel. Optional for hard and soft brusher device, which is special design for hard low-E glass washing. Machine can be design according to customer requirement.

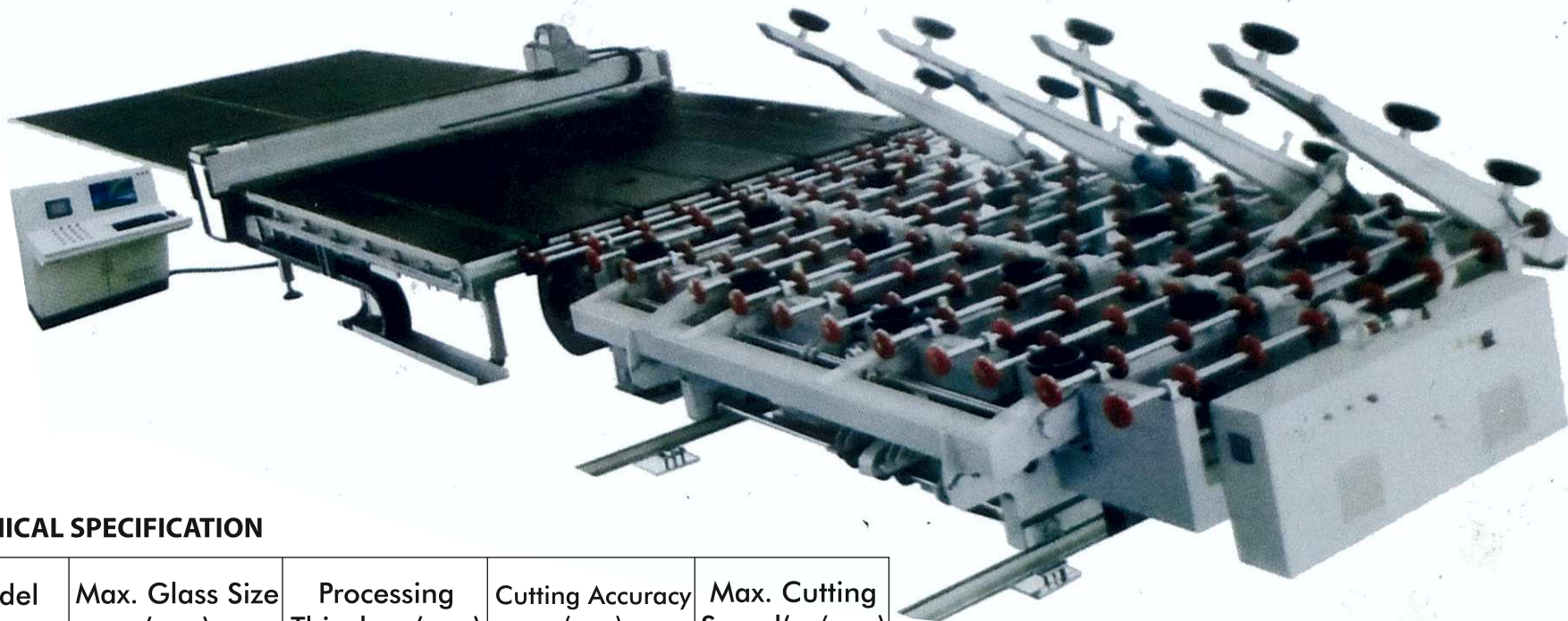
### TECHNICAL SPECIFICATION

Model No.	Glass Processing Thickness (mm)	Max. Processing Width Size (mm)	Min. Processing Width Size (mm)	Power (kw)	Weight (kgs)	Occupation Area LxWxH (mm)
BI-1200A	3-30	1200	200x200	15.2	2000	5000x2500x3000
BI-1500A	3-30	1500	200x200	19.2	2400	5000x2500x3000
BI-1600A	3-30	1600	300x300	20.5	2500	6000x2500x3000
BI-1800A	3-30	1800	300x300	22.0	2600	6000x3200x3000
BI-2000A	3-30	2000	300x300	26.0	3000	3800x3500x3000
BI-2500A	3-30	2500	300x300	29.5	3500	7500x4000x3000



## 11.CNC Automatic Glass Cutting Table Machine

This type of CNC automatic Glass cutting machine is specially for cutting straight line or any Kinds of irregular shape glass with high precision. It can connect with automatic glass loading machine to work together. AUTOCAD Designed graphs and figures, automatic cutting, with all the cutting data fully computer controlled. The operator can optimized the cutting size and give out the data for processing, driven the machine to cut glass sheet automatically in high speed and high precision.



### TECHNICAL SPECIFICATION

Model	Max. Glass Size (mm)	Processing Thickness(mm)	Cutting Accuracy (mm)	Max. Cutting Speed(m/mm)
BI-4028	4000x2800	3-19	$\leq \pm 0.20$	90
BI-4228	4000x2800	3-19	$\leq \pm 0.20$	180
BI-5133	5100x3300	3-19	$\leq \pm 0.20$	180

**NEW : MULTIPLE HEAD X & Y CUTTING MACHINE**

## 12. Horizontal Flat & Bending Tempering Production Line

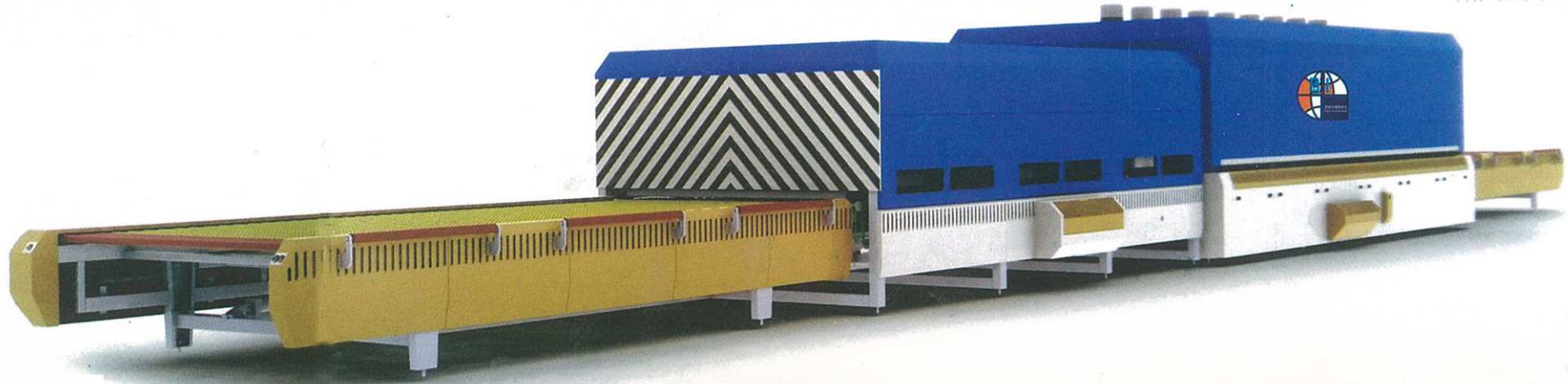
BI Flat & Bending Tempering Production Line is specially suitable for production for producing a various of bending tempered glass, such as automotive glass, reflective glass, furniture glass, shower door, display window etc. It will not require to make any extra moulds for making the tempered glass due to our newest advanced technique, it will save your mould cost, save the time to change the mould always. The innovative design has been appreciated by all of our worldwide customers. So if want to produce perfect flat tempered glass, our bending and tempering line will be your best choice definitely!



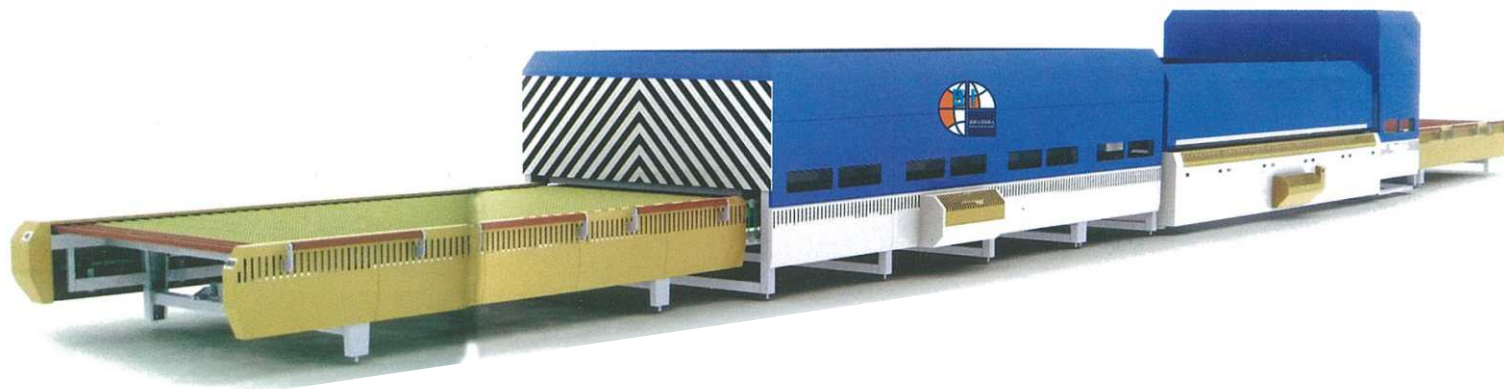
### TECHNICAL SPECIFICATION

Model	Max. Size (mm)	Min. Size (mm)	Thickness Range (mm)	Output (P/H)	Installed power capacity (KVA)
BI- 2512	2500x1250	160	4-12	17	250
BI- 3015	3000x1500	200	4-19	17	400
BI- 3624	3660x2440	240	4-25	17	500
BI- 4224	4200x2440	240	4-25	17	630
BI- 5024	5000x2440	240	4-25	17	800

## 13. Forced Convection Tempering Furnace



## Flat & Band Tempering Furnace

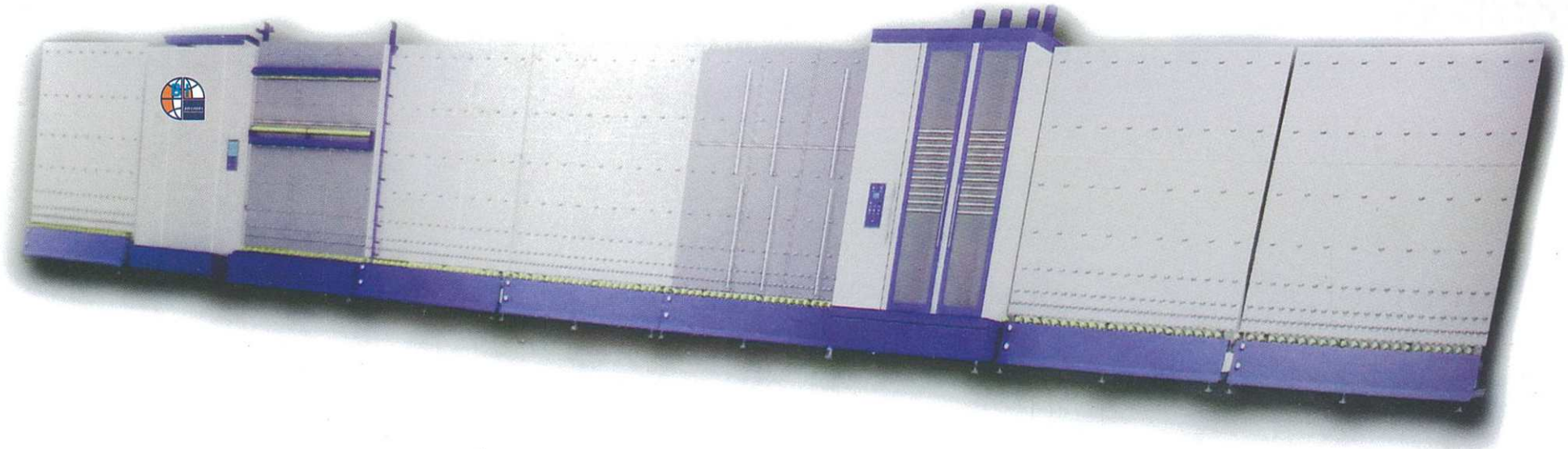




## 14. Automatic Insulating Glass Production Line

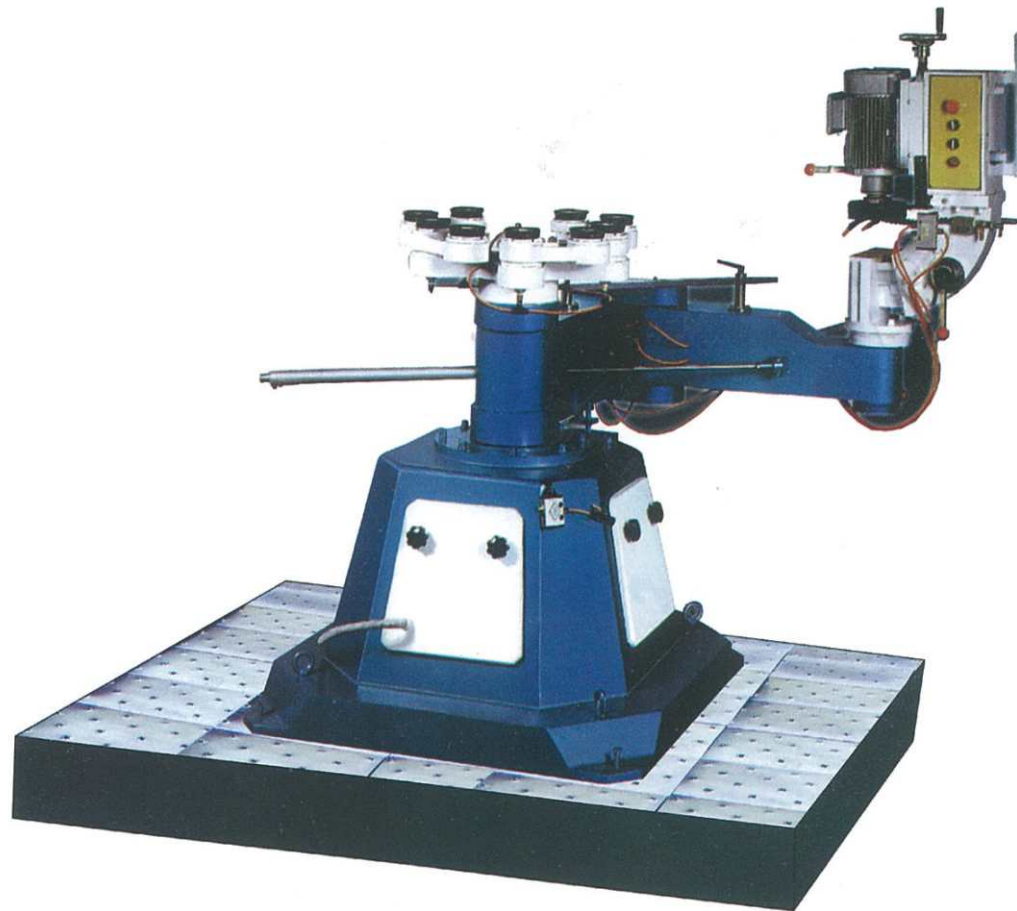


1. Adopt Plc control system With Touch Screen Interface, Easy To Operate, Highly Automatic Self-diagnosis of The Equipment's Faults.
2. Automatically Identify the Coating Side of Coated Glass and Low- E Glass.
3. Static State Load Glass when adding Glass Material to Ensure Safety in Production.
4. Washing Machine Adopt Non-oil Lubrication Bearing.
5. Low-E Glass Cleaning Brush with Variable Frequence Drive.
6. Automatic Water Compensation Function for Water Tank.
7. Center Positioning System for Press Plate.
8. Automatic Adjust Function for Processing with Hydraulic Compression.



# 15. Shape Edge Beveling Machine with Watertank

This Machine is designed for grinding irregular peripheries and hypotenuse glass absorbed onto a vacuum sucker. A spinning disc or an independent satellite disc, which is driven by an auxiliary motor enables the grinder to work moveably on irregular edges of flat glass.



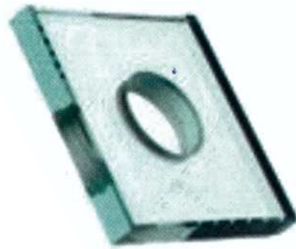
## TECHNICAL SPECIFICATION

Glass Turning Diameter	100-2100mm
Thickness of Angle	4-19mm
Bevel Edge Angle	0°-20°
Bevel Edge Wheel	150
Voltage	380V, 50Hz
Power	4.5 KW

## 16. Glass Drilling Machine



BI Horizontal glass drilling Machine is adopted pneumatically gmp. Drilling is alternatively done by upper and reverse drills. Feeding is automatically operated. Operation platform can be pneumatically elevated. It combined function of semi-automatically controlled and automatically controlled



### TECHNICAL SPECIFICATION

Drilling Diameters	3~100mm
Thickness of processed glass	4~25mm
Total power	2.3kw
Gross weight	1000.00kgs
Occupation aera (L x W x H)	2500x2000x2200mm

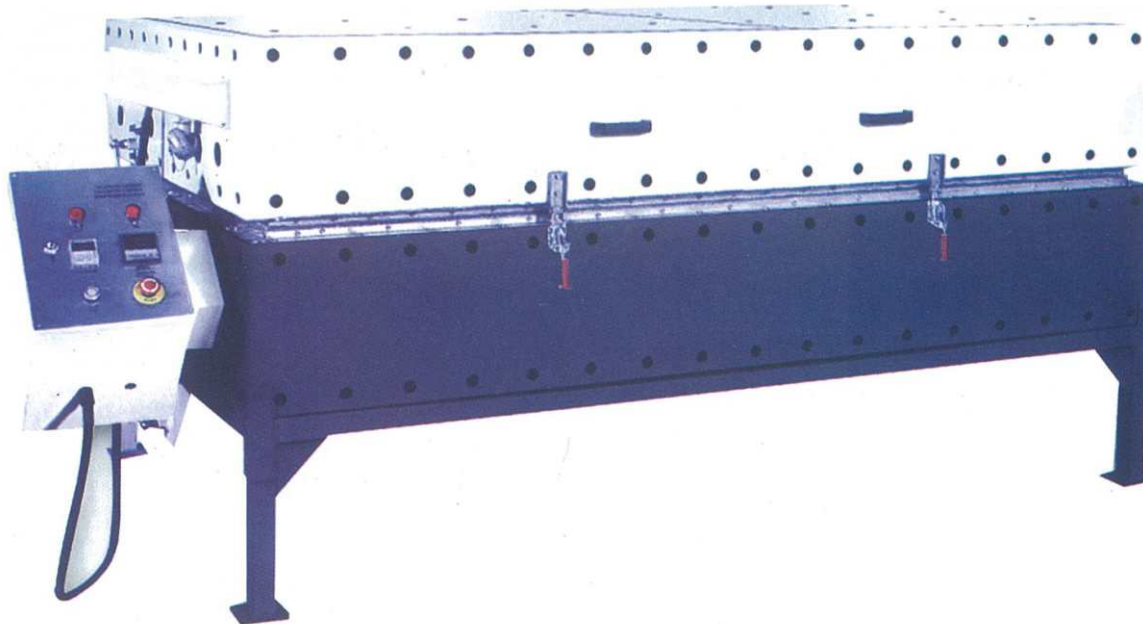
## 17. Glass Bending Furnace



BI Glass Furnace - This glass working furnace adopts automatic thermostat to control heating temperature during bending, fusing, melting & slumping procedure, which keeps heating steady and noiseless, the furnace cover is easy to open and close by installation of fluid drive. It is easy to be operated. It takes about 5 hours to finish the bending processing per time. It is suitable for heat bending glass, fusing glass, slumping, melting glass wash basin, furniture glass, decorative project glass etc.

### TECHNICAL SPECIFICATION

Model No.	Max. Glass Size (mm)	Bending Depth (mm)	Total Power	Dimension (mm)	Weight (kgs)
BIBF-1112	1100x1200	400	13.5kw	1600x2000	650
BIBF-1120	1100x2000	400	18kw	1600x2600	800
BIBF-1325	1300x2500	400+300	24kw	1800x3100	1600
BIBF-1525	1500x2500	400+300	30kw	2000x3100	1700
BIBF-1728	1700x2800	400+300	36kw	2200x3400	2000
BIBF-1830	1800x3000	400+300	40kw	2300x3700	2400
BIBF-1836	1800x3600	400+300	45kw	2300x4300	3000



## 18. Fully Automatic Sandblasting Machine (Computerised)

It is specially designed for sandblasting glass surface, This machine adopt Plc control, can carry out processing voluntarily according to program for the glass of various sizes and may continuous batch production effect is fine and Even, Mechanical Structure is strong, exterior is beautiful and match with dust removal machine, can separate the dust and sand grains automatically, operating environment to have no noise completely with dust collector.



### TECHNICAL SPECIFICATION

Size: (LxWxH)	3700x2900x1900mm
Working Width	3-20mm
Max. Working Width	1900mm
Precipitron Power	0.75kw
Conveyor Speed	0.1-0.8m/min.
Weight	2.6T
Power	5.9kw.



### TECHNICAL SPECIFICATION

Size: (LxWxH)	4800x2000x2400mm
The Transfer Rail Height	480mm
Processing Height	1600mm
Sandblasting Speed	20-30m <sup>2</sup> /H
Working Pressure	0.6-0.8MPA
Air Output	3m <sup>2</sup> /MIN
Power	3.5kw

## 19. Cross Belt Machine



### Triple Edge Grinding Machine

This machine has heavy duty base, fabricated with MS Plate. This machine is suitable for arries grinding and flat edge grinding ( wet type). Table size: 7x4 ft. with fully fabricated in MS angle and caster wheels fitted on the table for easy movement of glass. It has water tank 4x2ft, 6.5kw power consumption with electric panel.



### TECHNICAL SPECIFICATION

Table Size	2130x1220mm
Water Tank Size	1220x610mm
Total power	6.5kw
Gross weight	1700kg

## 20. Belt Grinder & Manual Machine



### Manual Beveling Set



**Dry Belt Grinding Machine**



**Glass Engraving Machine**

## 21. Universal Grinding Machine



Dry Belt Grinder 1800x75m power load 1.5HP, you can change the angle as per your application.  
Heavy Duty MS-Fabricated. Area Required 2'x2' & 7'x7' with Table.





## 22. Diamond Wheel Series

### Straight Edge Machine Diamond Wheels & Resin Wheels

This type of wheels are made of diamond power mixed with metal bond by sintering, and used for rough grinding fine grinding and chamfering on glass straight-line edging machine. Compared with similar products, they feature good sharpness and fine edging effect, which is helpful for fine processing and polishing after. It is divided into three types by segment structure, i.e. continuous rim, full segment, half segment.



Dia: 150mm/130mm  
Grit: 80/100/140  
Hole: 12,22,50



Dia: 150mm/130mm  
Grit: 240/280  
Hole: 12,22,50



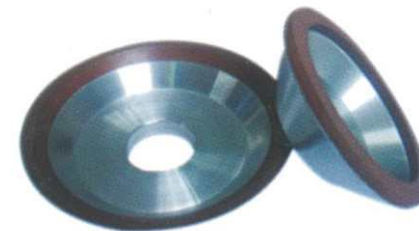
Dia: 150mm/130mm  
Grit: 240/280  
Hole: 12,22,50

### Beveling Machine Diamond Wheels & Resin Wheels

Mainly used for fine grinding & finish grinding after rough grinding on glass beveling edge machine. Good modifying effect features them. According to different working surface, they are divided into two different types, continuous rim and flume.



Dia: 150mm  
Grit: 280/320/700  
Hole: 12



Dia: 150mm  
Grit: 100/140  
Hole: 12

## 23. Polishing Wheels & Other Accessories

### 10S40/10S60 Polishing Wheels

Made of grinding materials together with rubber and Plastic materials, with certain flexibility, fine grinding, mainly used for polishing after finish grinding, specially in precision grinding and polishing bottom edges and chamfer of glass.



Series	Dimension	Function
10S40	130x60x35	Polishing on chamfering spindle of glass straight-line edge machine
10S40 10S60	150x70x40	For polishing on bottom edges on straight-line edge machine (the first round of polishing after fine grinding), for polishing on bottom edges and chamfered edges (the first round of polishing after fine grinding) on straight-line double edge machine and the first polishing after fine grinding on bevelling machine

### Spiral Felt Wheels

It's used for fine polishing glass and ceramic lite, it works accompany with the polishing powder and can repair scratched glass surface, moreover it has high polishing brightness

**Dimension: 150x70x35.**



### 3-Cup Suction Plate

For carrying marbles, granites, tiles and glass or removing those misplaced.

- Aluminum body
- 90-140KG Capacity
- Light Weight
- Easy to use

Also Available in 2-Cup & Single Cup Suction.



### Polishing Powder



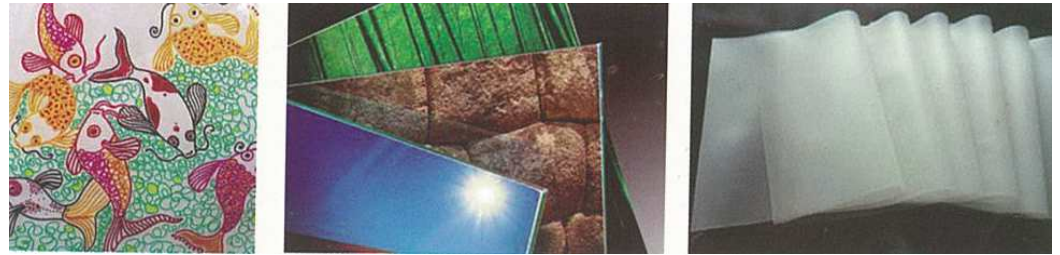
## 24. Drill Bits & Others Accessories

### Drill Bits & Counter Sunk



Available in 5-150mm

### EVA Film (Transparent/torque)



### Glass Processing Machine Accessories





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