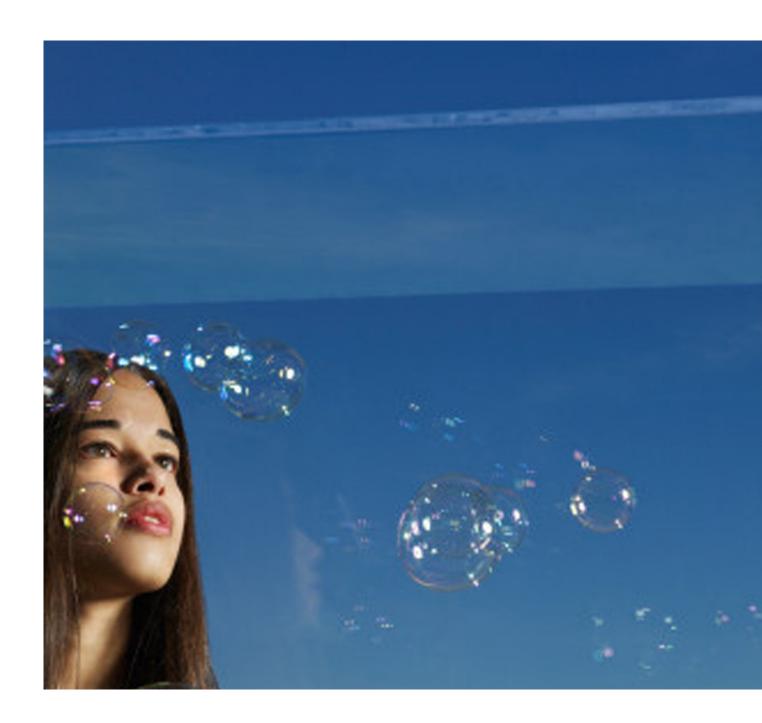


Company Introductions

Our company, Battellino Srl, was established in 1990 from the passion and ingenuity of its founder, Mr Gianni Battellino. We have always operated in the production of glass processing machines, which are completely designed and manufactured in our factory and equipped with the best technologies and materials available on the market. In our products you will find all the quality of Made in Italy.



All stages of both the production and design process take place within our factory.

In our products you will find all the quality of Made in Italy.

More then 35 years of history



Our company is based in north-eastern Italy a few kilometres from the Austrian border, not far from the airports of Ronchi dei Legionari, Venice and Treviso.

The machinery catalogue we offer includes:

- Machines for the production of insulating glass:

1 kg butyl machine mod. BK 100 LX;

7 kg butyl machine mod. BK 700 LX;

Automatic robot for sealing insulating glass model SRM 2000 - SRM 2500 - SRM 2700

Rotating table for automatic sealing of insulating glass units;

Profile cutter with display;

Manual profile bender;

- Flat glass grinding machines:

Straight-line grinding machine with 4 grinding wheels mod. FP4;

Straight-line grinding machine with 5 grinding wheels mod. FP5;

Straight-line grinding machine with 6 grinding wheels mod. FP6;

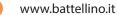
Straight-line grinding machine with 7 grinding wheels mod. FP7;

- Bevelers:

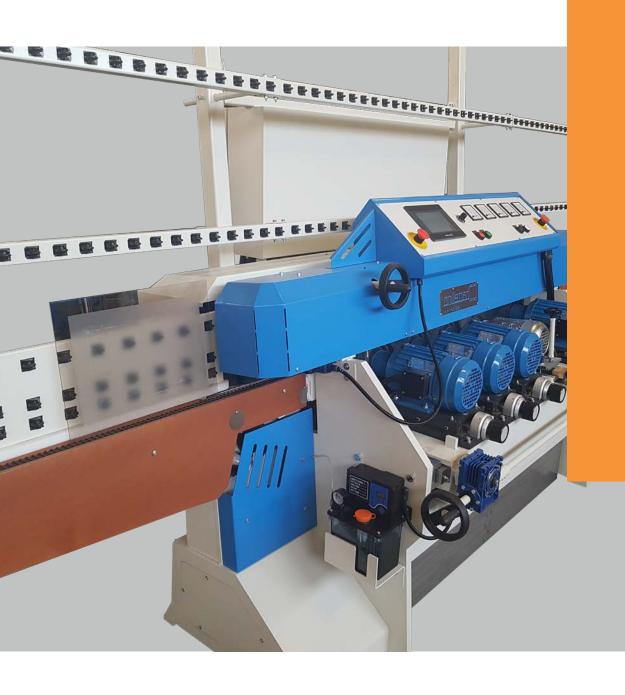
Bevelling machine with 5 wheels mod. BEVEL 400;

We assure you competitive prices and a high quality support and after-sales service, characterised by the possibility of contacting us not only by telephone or e-mail but also using means such as Skype and messenger to guarantee continuous and immediate contact that allows you to overcome physical distances.





Bevel machine model Bevel 400



01

This model of bevelling machine will process edging and bevelling simultaneously with the help of liquid cerium oxide in one single pass. 02

Constructed for the glass companies with limited working space and small and medium production with features for an easy handling and great flexibility.

MAKE BUSINESS MORE GROWTH

Super smart and easy to use are the perfect beveler for those who want a simple and efficient machine Working with these machines is simple and intuitive with all the controls on the frontal section of the machine and a working height designed to help the customer maintain a good posture. These machines are extremely functional.



Easy to use

Designed and manufactured entirely in Italy in our factory since 1990 with the best technology and components currently available on the market, these machines combine the ease of use, the reliability and the durability.

Battellino beveler is simple to use ,and feature a heavy duty conveyor that is rated to work for 1000KM with very few maintenance.

PLC control allows both manual and semi-automatic



Perfect quality job

functions for the operator to easily switch for the best choice of operation.

Water containment is excellent and the usage of stainless steel in wet areas eliminates corrosion problems.

Modifying the glass thickness is quick and easy.

The Battellino bevellers are for all that customers who are looking for a machine built tough for a long life, with consistent edge quality at a competitive price

Intuitive, simple and ergonomic...



All working phases can be controlled from the PLC

All functions can be operated at the front of the machine

Conveyor speed adjustment by inverter

Easily changeable glass thickness

Easy regulation when passing from one glass to another

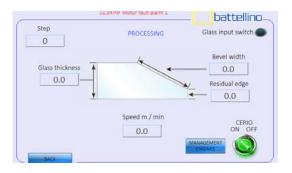
Motor current absorption amp-meters

No additional settings required when changing of the thickness of the glass

Easy setting of bevel's characteristics by a hand wheel

7-inch full-colour touch screen







All functions and maintenance controls including the thickness adjustment, are controlled from the front of the machine.

It is simple and fast to change the settings when going from one thickness of glass to another.

Each spindle has its own ammeter to monitor the current load on their respective motor.

Thanks to this system, it is possible to monitor the amperage loads of each wheel while it is working.

Running speeds of 0 to 4 meters per minute (up to 156Inch/minute) are adjusted with a control on the front panel.

Glass thickness and bevel dimensions are easily set via a hand-wheel and the required measures are visualized on the PLC. Anintuitive multi-language PLC, monitors the work in process, the glass thickness, the height of bevel, the edge and

the wear of the springs. It is equipped with a USB input for the updating of the machine.



Great performance and user friendly

High quality beveling performance

Edging and bevelling simultaneously

Manufactured entirely in Italy

Water containment is excellent





All the regulations of the wheels can be easily done from the front of the machine.

Changing wheels is quick and easy, thanks to the large door of the wheels' compartment.



Heavy Duty Glass Conveyor ...

The conveyor of this machine is a result of a consolidated know-how and heavy investment in R&D, all our efforts are aimed to ensure you amaximum precision of work for an extended Lifetime.

The main conveyor of our bevelers are composed of pads made of steel and have been coated with an antirust treatment.

These pads are mounted on precision chains and round nitride guides and are made with high quality steel.

The conveyor pads are made of vulcanized rubber and equipped with insulated bearings.

The glass is held by a heavy duty conveyor which ensures the glass is held well in place with high precision which ensures great linearity of the finished piece.

Rated tolerance of the finished glass is less than 0.1mm for every 2 meters of glass. The central conveyor capacity is 100kg

The processing speed is of 0.4-4M/min.

Speed adjustment is carried out via a potentiometer on the control panel with a display for the running speed. The thickness of the glass is easy to adjust manually and a digital readout is provided on the main panel, which displays the glass thickness.

Automatic lubrication of the conveyor is easy and quick thanks to the automatic pump.

The glass is transported inside the working area by a belt which slides on a low-friction coefficient material with high-resistance to wear and tear.

Special devices protect the conveyor from human mistakes, and long run work



... precision is always our target!

More then

3000 glass machines

sold all over the world

Maximum precision

Vulcanized rubber pads

Extended lifetime

Automatic lubrication of the conveyor



- Automatic input and output of the glass
- Motorized belt conveyor for glass transport from right to left
- Exact glass thickness adjustment (adjustment of the front carriage) by hand wheel and PLC
- Easy-open covers for maintenance
- High precision of processing, tolerance on linearity of less than 0.1mm every 2 meters of glass
- Lubricated chains
- Isolated ball bearings
- · Round rectified nitride steel guides
- The pads are coated with vulcanized rubber and anti-rust treatment
- · Back conveyor with rectified pads
- Adjustable chain tensioner for the rear glass retaining chain
- Hand wheel for glass thickness adjustment
- Safety systems preventing human mistakes
- Maximum precision and extended lifetime
- Low noise level
- Work speed electronically adjustable with potentiometer shown on PLC and controlled by inverter
- Automatic lubrication

Battellino's motors are made with cast iron high quality bearings ...

Our motors are fully made of cast iron and directly coupled with the conveyor which ensures an absence of vibration and guarantees sturdiness. Each motor is equipped with 4 high quality precision bearings.

3 bearings are placed on each spindle to ensure thebest stability possible.

The direct transmission for the spindles, motors, and wheels, besides ensuring a quietly running machine, reduces the number of mechanical moving parts. Neither belts or driving units ar used, which means a great longevity and a machine that requires minimal maintenance interventions. The wheels are fitted on spindles in order to ensure a uniformity of rotation and to avoid vibrations. Installing new wheels on the motors is quick and easy. Spindle maintenance is simple thanks to the easily changeable mechanical seals.

All spindles are mounted on high precision guides, adjustable from the front side of the machine.

The machine is equipped with a manual adjustment for the position of the front beam and of the plane of motors in order to adapt them to the various glass thicknesses. The beams have been constructed so as to avoid stressing or bending which would cause problems in glass production.



... built for durability!

The beams and the mobile section for motors are fixed on the shoulders (front and rear), to ensure the maximum accuracy of work.

The adjustment of the spindles and wheels is obtained by a graduated hand-wheel that permits the adjustment and compensation for wheel wear with high precision.

Thanks to this system, it is easy to adjust and monitor the wheel wear.

01

Direct connection between the wheel spindle and motor

Cast iron motors

Cast iron spindles

Impeccable rotation with no vibration

Easily changeable seals for the mechanical vacuum

Amp meters for the motors current

Regulators control the air pressure of the grinding spindles

Spindles equipped with 3 bearings for increased stability

High quality bearings

Precise visualization of the power load of the spindles

Success is no accident. It is hard work, perseverance, sacrifice and most of all, love of what you are doing.

Research and development and the use of stainless steel and brass, are Battellino's recipe for a long life machine:

All parts in contact with water including the water tank is built to resist corrosion and guarantees a good lifespan thanks to clever engineering that allows for easy cleaning.

The refrigeration circuit of water and cerium are divided and work independently.

Each wheel is cooled by two water jets that help maintain a long reliability period and a great

performance for the wheels for an optimal removal of glass swarf from the machine.

The stainless steel tank is equipped with a security Race to avoid spillage.

The water pump's immerged arm is also made of stainless steel.

All the wet areas in the machine are easy to reach and clean and all the wheels can be easily changed from the back of the machine.

Quick and easy wheel changing
Stainless steel tank of the wheels with back
access

Pumps with immerged arm made of stainless steel

Easy to remove and clean hydraulic plant Security race

Cerium wheel tank with motorized system for the mixing of cerium

Separated circuits for the water and cerium



Technical data	Bevel 400
N° of wheels	5
Min. thickness of the glass	3 mm
Max. thickness f the glass	15 mm
Min dimensions of the glass	80 x 80 mm
Max. weight of the glass	100 kg
Speed	0-3 m/min
Machine dimensions	5229X811X2087h mm
Height of worktable	830 mm
Water tank Capacity	200 lt
Air pressure requirement	6 Bar
Angle of the bevel	5°
Max width of the bevel	40 mm
Power supply	380V 50Hz 3 phases
Power required	10 KW
Configuration of wheels:	The machine use 4 cup wheels. and 1 pencil wheel for the arris (MADE IN ITALY)
1^ POSITION	DIAMOND WHEEL GRAIN D181 (140/170) DIMENSIONS : 150X5X12I
2^ POSITION	RESINOID WHEEL DIMENSIONS 150X15X10
3^ POSITION	RESINOID WHEEL DIMENSIONS 150X15X10
4^ POSITION	DIAMOND WHEEL FOR THE EDGE (pencil) DIMENSIONS 100X10 45° (Pencil wheel on demand
5^ POSITION	FELT WHEEL (CERIUM) DIMENSIONS 150X25X70

STRAGHT LINE EDGERS

Straight line edgers



01

The Battellino edgers are for avoid customers who are looking for a machine built tough for a long life, with consistent edge quality at a competitive price.

02

Constructed for the glass companies with limited working space and small and medium production with features for an easy handling and great flexibility.

MAKE BUSINESS MORE GROWTH

Super smart and easy to use are the perfect edgers for those who want a simple and efficient machine

Working with these machines is simple and intuitive with all the controls on the frontal section of the machine and a working height designed to help the customer maintain a good posture.

These machines are extremely functional.



Easy to use

Designed and manufactured entirely in Italy in our factory since 1990 with the best technology and components currently available on the market, these machines combine the ease of use, the reliability and the durability.

Battellino edgers are simple to use, and feature a heavy duty conveyor that is rated to work for 1000KM with very few maintenance.

Water containment is excellent and the usage of



Perfect quality job

stainless steel in wet areas eliminates corrosion problems.

Modifying the glass thickness is quick and easy.

A multilingual touch screen allows to set easily the speed of work, the glass thickness, the operations of the pneumatic motors and the working of the water pump, moreover shows to the customer the total and partial meters worked and the phase of work of the machine to the end helps also in the maintenance.

Intuitive, simple and ergonomic...



All working phases can be controlled from the PLC

All functions can be operated at the front of the machine

Conveyor speed adjustment by inverter

Easily changeable glass thickness

Easy regulation when passing from one glass to another

Motor current absorption amp-meters

No additional settings required when changing of the thickness of the glass

Rear arris, is easy and from the front of the machine

Polishing wheels working controlled by a PLC







All functions and maintenance functions, including the thickness adjustment are controlled from the front of the machine.

It is simple and easy to change settings when going from one thickness of glass to another. Each spindle has it's own ammeter to monitor the current load on their respective motor. Thanks to this system, it is possible to monitor the working loads of each wheel while it is working.

Running speeds of 0 to 4 meters per minute (up to 156"/minute) are adjusted on via a control on the front panel. Glass thickness is easily set via a handwheel, and is coupled to a digital display for fast changes and precise accuracy. An intuitive, Multilingual PLC controls and monitors the pneumatic movement of the polishing wheels, and also shows the working speed of the conveyor.



Great performance and user friendly

High quality edging performance

Easy passage from manual to automatic working

Manufactured entirely in Italy

Excellent water containment

Two emergency stop buttons

... our edgers are thought for You!



The PLC also has the ability to show the total working duration, as well as a resettable partial working duration, ideal for tracking wheel life.

A optional hand-wheel on the inlet arm allows the easy setting of glass removal, and is adjustable from 0 to 4MM. The standard machine comes with a non-adjustable inlet conveyor with afixed removal of 1MM. Wheel adjustment, including the rear arris, is easy and from the front of the machine.

No additional adjustments are needed when changing glass thickness.

Changing wheels is quick and easy, thanks to the large door to the wheel compartments. The door also features a glass viewport.



Heavy Duty Glass Conveyor ...

The conveyor of this machine is a result of a consolidated know-how and heavy investment in R&D, all our efforts are aimed to ensure you a maximum precision of work for an extendedLifetime.

The main conveyor of our edgers is composed of pads made of steel and have been coated with an anti-rust treatment.

These pads are mounted on precision chains and round nitride guides and are made with high quality steel.

The conveyor pads are made of vulcanized rubber and equipped with insulated bearings.

The glass is held by a heavy duty conveyor which ensures the glass is held well in place with high precision which ensures great linearity of the finished piece.

Rated tolerance of the finished glass is less than 0.1mm for every 2 meters of glass.

The central conveyor capacity is 200kg.

The processing speed is of 0.4-4M/min.

Speed adjustment is carried out via a potentiometer on the control panel with a display for the running speed. The thickness of the glass is easy to adjust manually and a digital readout is provided on the main panel, which displays the glass thickness.

Manual lubrication of the conveyor is easy and quick thanks to the easy-open covers.

The glass is transported inside the working area with a belt which slides on a low-friction material with highresistance to wear, made for durability.

An optional entry arm is available to adjust the glass removal (through a graduated hand-wheel) adjusted to your production requirements from 0 to 4 mm.

To end the machine is equipped with a special device to ensure the linearity of th glass.



... precision is always our

target!

More then

3000 glass machines

sold all over the world

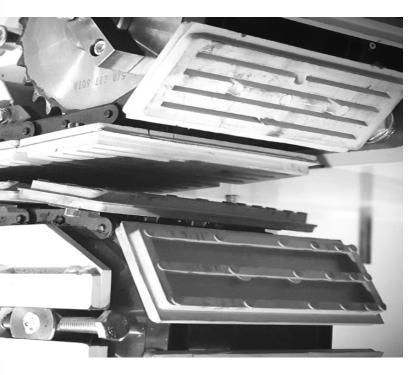
Maximum precision

Vulcanized rubber pads

Extended lifetime

Special device to ensure the linearity of th glass

Processing speed 0.4-4M/min.



- Motorized belt conveyor for glass transport from right to left
- Exact glass thickness adjustment (adjustment of the front carriage) by hand wheel and digitally displayed
- Easy-open covers for maintenance and manual lubrication
- High precision of processing, tolerance on linearity of less than 0.1mm every 2 meters of glass
- · Lubricated chains
- Precision ball bearing
- Safety devices protect the conveyor from human mistake.
- Nitride round rectified steel guides
- The pads are coated with vulcanized rubber and an anti-rust treatment
- Adjustable chain tensioner for the rear chain
- Settings for the glass removal of the in feed conveyor (Optional)
- Hand wheel for glass thickness adjustment
- Safety systems against possible human mistake
- Maximum precision and extended lifetime
- Low noise level
- Work speed electronically adjustable via potentiometer, display and also controlled by inverter
- Conveyo capacitu of 200 Kg
- Max thikness of the glass 20 mm

Battellino's motors are made with cast iron high quality bearings ...

Our motors are fully made of cast iron and directly coupled with the conveyor which ensures anabsence of vibration and guarantees sturdiness.

Each motor is equipped with 4 high quality precision bearings 3 bearings are placed on each spindle to ensure the best stability possible.

The direct transmission for the spindles, motors, and wheels, besides ensuring a quietly running machine, reduces the number of mechanical moving parts. Neither belts or driving units are used, which means a great longevity and a machine that requires minimal maintenance interventions.

The wheels are fitted on spindles in order to ensure a uniformity of rotation and to avoid vibrations.

Installing new wheels on the motors is quick and easy.

Spindle maintenance is simple thanks to the easily changeable mechanical seals.

All spindles are mounted on high precision guides, adjustable from the front side of the machine. The machine is equipped with a manual adjustment for the position of the front beam in order to adapt it to the various glass thicknesses. The beams have been constructed so as to avoid stressing or bending which would cause problems in glass production.



... built for durability!

Beams and spindles for grinding and polishing the edge are fixed on the shoulders (front and rear). The adjustment of the diamond spindles and wheels are obtained by a graduated handwheel which permits the adjustment and compensation for wheel wear with high precision. Polishing wheels are controlled by PLC.

The polishing spindles are equipped with a (completely automatic) pneumatic wear recovery system.

01

Direct connection between wheel, spindle and motor

Cast iron motors

Cast iron spindles

Uniform rotation with no vibration

The mechanical seal obtained with seals which are easy to change

Engines current absorption amp-meters

Polishing wheels controlled by PLC

The machine in alternative to the PLC controller can also be operated

completely manually

Control of air pressure of the grinding spindles by ammeter

Spindles equipped with 3 bearings for stability

Bearings of high quality

Precise visualization of the absorption of the spindles

Regulation of the rear arris from the front

Pneumatic recovery system for easy regulation of polishing wheels

The secret of joy in work is contained in one word - excellence. To know how to do something well is to enjoy it.

Research and development and

the use of stainless steel and brass...

All parts in contact with water including the water tank is built to resist corrosion and guarantees a good lifespan thanks to clever engineering that allows for easy cleaning.

Each wheel is cooled by two water jets that help maintain a long reliability period and a great performance for the wheels for an optimal removal of glass swarf from the machine.

The stainless steel tank is equipped with a security Race to avoid spillage. The water pump's immerged arm is also made of stainless steel.

All the wet areas in the machine are easy to reach and clean and all the wheels can be easily changed from the front of the machine.

Quick and easy wheel changing
Stainless steel tank of the wheels with
frontal access

Stainless steel water tank

Pump with immerged arm made of stainless steel

Easy to remove and clean hydraulic circuitry
Two pipes for each wheel made of brass
Security race

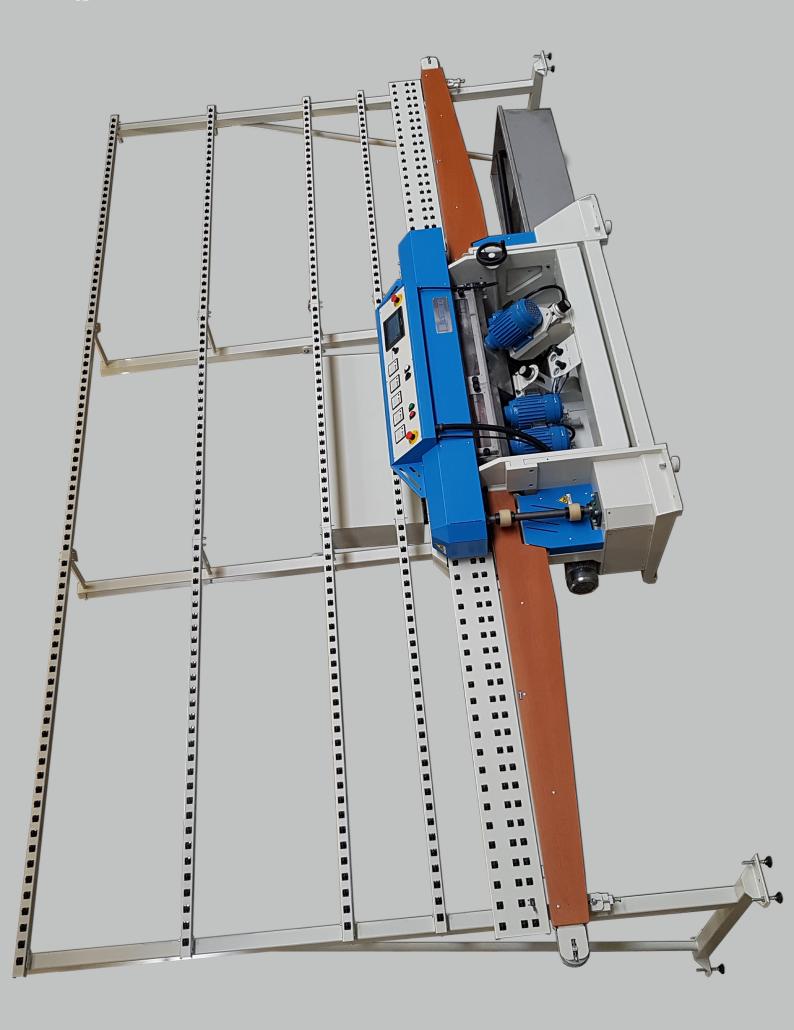


... are Battellino's recipe for a long life

machine:



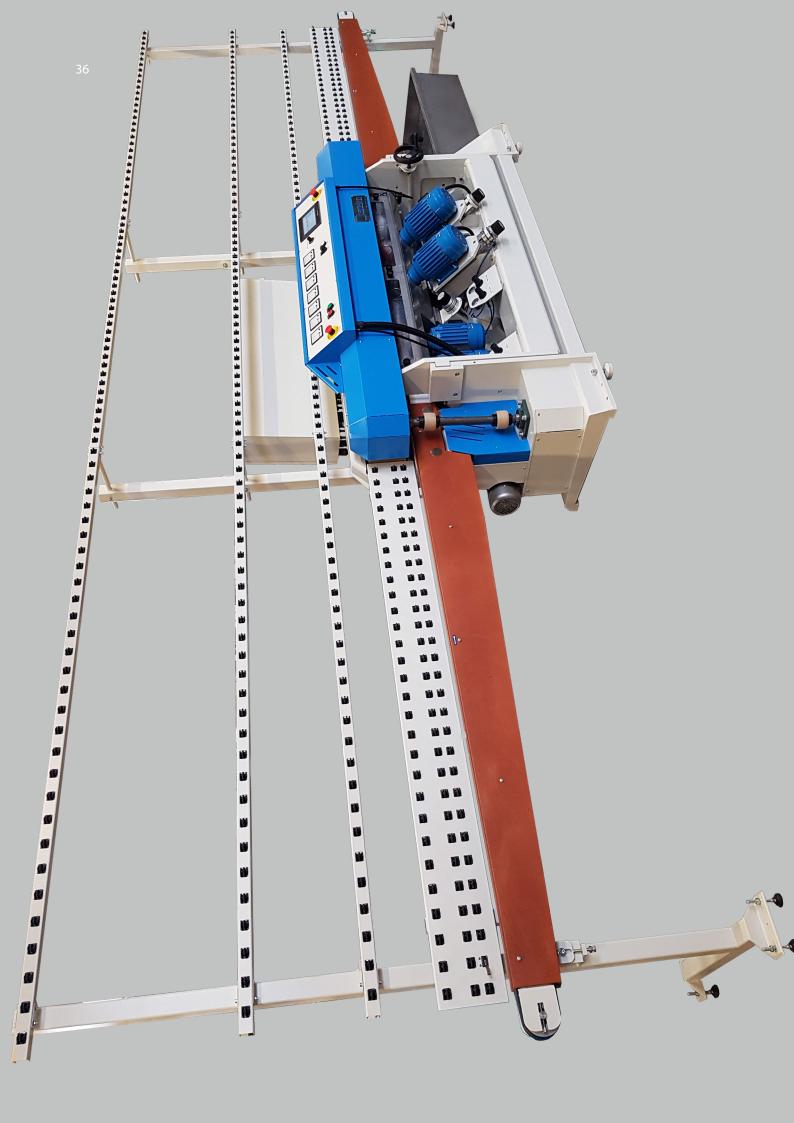
Technical data	FP4
N° of wheels	4
Min. thickness of the glass	3 mm
Max. thickness f the glass	15 mm
Min dimensions of the glass	80 x 80 mm
Max. weight of the glass	150 kg
Speed	0-4 m/min
Machine dimensions	5200X811X2087h mm
Height of worktable	830 mm
Water tank Capacity	200 lt
Air pressure requirement	6 Bar
Linearity of the glass	0,1 mm for 2 meters of glass
Power supply	380V 50Hz 3 phases
Power required	6,8 KW
Configuration of wheels:	The machine use 4 cup wheels (MADE IN ITALY)
1^ POSITION	DIAMOND WHEEL GRAIN D180 (140/170) DIMENSIONS : 150X8X8 HOLE 50 MM
2^ POSITION	ARRIS WHEELS GRAIN 280 DIMENSIONS 130X35 HOLE 50 MM
3^ POSITION	ARRIS WHEELS GRAIN 280 DIMENSIONS 130X35 HOLE 50 MM
4^ POSITION	POLISHING WHEELS GRAIN 80 DIMENSIONS 150X30 HOLE 50



Technical data	FP5
N° of wheels	5
Min. thickness of the glass	3 mm
Max. thickness f the glass	20 mm
Min dimensions of the glass	80 x 80 mm
Max. weight of the glass	150 kg
Speed	0-4 m/min
Machine dimensions	5458X811X2087h mm
Height of worktable	830 mm
Water tank Capacity	200 lt
Air pressure requirement	6 Bar
Linearity of the glass	0,1 mm for 2 meters of glass
Power supply	380V 50Hz 3 phases
Power required	8,3 KW
Configuration of wheels:	The machine use 5 cup wheels (MADE IN ITALY)
1^ POSITION	DIAMOND WHEEL GRAIN D180 (140/170) DIMENSIONS : 150X8X8 HOLE 50 MM
2^ POSITION	ARRIS WHEELS GRAIN 280 DIMENSIONS 130X35 HOLE 50 MM
3^ POSITION	ARRIS WHEELS GRAIN 280 DIMENSIONS 130X35 HOLE 50 MM
4^ POSITION	POLISHING WHEELS GRAIN 40 DIMENSIONS 150X30 HOLE 50
5^ POSITION	POLISHING WHEELS GRAIN 120 DIMENSIONS 150X30 HOLE 50



Technical data	FP6
N° of wheels	6
Min. thickness of the glass	3 mm
Max. thickness f the glass	20 mm
Min dimensions of the glass	80 x 80 mm
Max. weight of the glass	150 kg
Speed	0-4 m/min
Machine dimensions	5580X811X2087h mm
Height of worktable	830 mm
Water tank Capacity	200 lt
Air pressure requirement	6 Bar
Linearity of the glass	0,1 mm for 2 meters of glass
Power supply	380V 50Hz 3 phases
Power required	9,6 KW
Configuration of wheels:	The machine use 6 cup wheels (MADE IN ITALY)
1^ POSITION	DIAMOND WHEEL GRAIN D107 (140/170) DIMENSIONS : 150X8X8 HOLE 50 MM
2^ POSITION	DIAMOND WHEEL GRAIN D76 (200/230) DIMENSIONS : 150X8X8 HOLE 50 MM
3^ POSITION	ARRIS WHEELS GRAIN 280 DIMENSIONS 130X35 HOLE 50 MM
4^ POSITION	ARRIS WHEELS GRAIN 280 DIMENSIONS 130X35 HOLE 50 MM
5^ POSITION	POLISHING WHEELS GRAIN 40 DIMENSIONS 150X30 HOLE 50
6^ POSITION	POLISHING WHEELS GRAIN 120 DIMENSIONS 150X30 HOLE 50



Technical data	FP7
N° of wheels	7
Min. thickness of the glass	3 mm
Max. thickness f the glass	20 mm
Min dimensions of the glass	80 x 80 mm
Max. weight of the glass	150 kg
Speed	0-4 m/min
Machine dimensions	6628X811X2467h mm
Height of worktable	830 mm
Water tank Capacity	200 lt
Air pressure requirement	6 Bar
Linearity of the glass	0,1 mm for 2 meters of glass
Power supply	380V 50Hz 3 phases
Power required	11,3 KW
Configuration of wheels:	The machine use 7 cup wheels (MADE IN ITALY)
1^ POSITION	DIAMOND WHEEL GRAIN D180 (140/170) DIMENSIONS : 150X8X8 HOLE 50 MM
2^ POSITION	DIAMOND WHEEL FOR THE ARRIS DIMENSIONS 130X35 HOLE 50 MM
3^ POSITION	POLISHING WHEELS FOR THE ARRIS DIMENSIONS 130X35 HOLE 50 MM
4^ POSITION	DIAMOND WHEEL FOR THE ARRIS DIMENSIONS 130X35 HOLE 50 MM
5^ POSITION	POLISHING WHEELS FOR THE ARRIS DIMENSIONS 130X35 HOLE 50 MM
6^ POSITION	POLISHING WHEELS GRAIN 40 DIMENSIONS 150X30 HOLE 50
7^ POSITION	POLISHING WHEELS GRAIN 120 DIMENSIONS 150X30 HOLE 50

After sale assistance

Our attention and our help, always.

After sale assistance Our attention and our help, always.

The strong points of all our products is the ease of use, their long life, the limited maintenance required and the high processing quality thanks to the functional design and assembling criteria adopted.

Every day we work to ensure to all our customers the best after sale assistance, from bigger problems to smaller one our first aim is to ensure a long and laborious life at our machines. For that reason, near a fast answer and every assistance every day, we give with our machines a manual really complete with detailed pictures from where the client can understand easily what he needs and if necessary, order the spare parts that his machine needs for its entire life, we ensure providing of all parts in less than 5 labor days.



Complete manual with detailed layouts

After-sale assistance 24/7 Worldwide agents

Spare parts stock

Qualified technical assistance

Thanks to our network, we are able to provide you with the support and presence you need at all stages of the machine's life, helping you to enjoy your work to the fullest.



countries where we are present



machines sold all over the world



hours, we are always with you



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