

The background of the entire page is a black and white photograph of a young child with their back to the camera, standing on a high-rise building's glass facade. The child is looking up at a dramatic, cloudy sky. The building's grid-like structure of windows and frames creates a strong sense of height and perspective.

CATALOGUE SEALING ROBOT

Sealing robots model SRM 2000 2500 and 2700 for the last sealing
of the IG units.

WWW.BATTELLINO.IT

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.



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.

First of all quality



01

Automatic sealing robot for the sealing of rectangular and shaped, double and triple, glazed unit with high efficiency & stable quality sealing performance .

02

These three models of robots for the automatic sealing of IG panels are economical , practical , and suitable for medium-sized companies

MAKE BUSINESS MORE GROWTH

These robots are designed and created for small and medium-sized businesses that want to grow.

Super smart and easy to use is the perfect sealing robot even for those who have always sealed by hand

By cutting production time and costs and greatly improving the quality of the final product, they are an effective tool for increasing business competitiveness



Easy to use

These three models of robots for the automatic sealing of IG panels are economical, practical, and suitable for medium-sized companies. They have been designed for all glassworks that want to automate the process of sealing of the insulating glass, reducing labor intensity, saving manpower and improving production efficiency.

Compatible with many of the existing plants, or also suitable for processing off-line, ensure a considerable



Perfect quality job

reduction of production times associated with a higher precision of sealing, eliminating waste of time and material.

Designed and manufactured entirely in Italy in our factory, it allows a wide range of modifications and customizations.

Equipped with Mitsubishi's electronics parts and with components made in Italy guarantees reliability, stable performance, easy use and maintenance.

Intuitive, simple and ergonomic...



Friendly, easy and multilingual touch screen operating interface to control all the working phases complete with remote assistance

Automatic detection of all glass dimensions

Possibility of work shaped panels

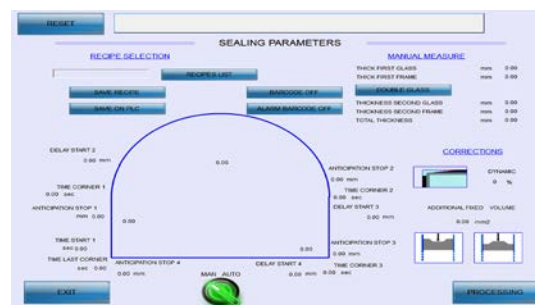
Automatic reading of panel characteristics with bar code

Inlet conveyor made by plastic rollers easy to remove and clean

Double position o inlet arm to work triple glass

Minimal loss of mixed material when cleaning the mixing units

Easy to connect to a lot of lines for the insulating glass



Whole machine adopt man-machine touch screen interface , easy to use and with memory function.

The control panel is divided into 6 areas: manual, working, shaped glasses, extra long glasses, PLC and parameters, all these areas allow to the operator to control the machine in every phase of work.

During the work is possible to set some of the parameters to obtain the perfect sealing , or, suspend the work and restart it from the same point in case of problems (finish of the material and so on).

The manual area, crucial for the operations of cleaning, allows the movement of all the axes, PLC's and parameters' zones are used for diagnostic and remote assistance.

All the dimensions of the machine are thought for helping the operator to work easily and comfortably, mechanical and electronic safety devices avoid all dangers.



Double and triple glazed

High quality sealing performance

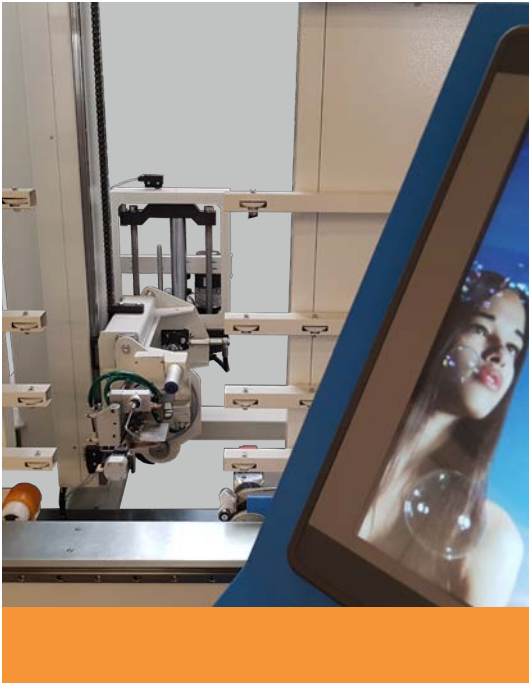
Compatible with many of the
existing plants

Reduction of production times

Manufactured entirely in Italy

Reduction of production costs

... our sealing robots are thought for You!



Particular attention was paid to the reduction of production costs, operation and maintenance.

At the end of each work session an electronically device allows a minimal loss of mixed material for the cleaning of the mixing units.

A barcode reader automatically detects the kind of recipe required by the glass, first glass, spacer and second glass thickness if the glass is a duplex or a triplex, and, in this last case, second spacer and third glass thickness.

Insulating glass units are feed into the sealing area by a suction device that slides on a linear guides' set controlled by a servo motor, to assure the accurate positioning of the glass.

The rollers of the inlet arm are made in plastic easy to clean, they are easy to remove and they can move in two position for the working of the triple glass.



Accurate control of all the phases of work...

Material is applied to the glass unit by means of a rotating nozzle head which moves along the edges of the unit on a vertical guide carriage in back of the machine.

Material's refill and dosage are electronically controlled, while mixing ratio is mechanically locked, feed, mixing and metering unit areas are on the guide carriage together with the nozzle head.

The electronic depth scanning device mounted on the nozzle head continuously calculates the amount of material needed.

A special knife finishes the corners.

The edge and corners of coated panels result full without air bubbles, smooth surface, with no need to pare the corner.

At the end of the sealing work the glass is transported out of sealing area by a chain that mounts special V pads which support the glass unit's bottom edge only slightly without touching the sealing cavity, here the glass can be collected by hand or by lifting frame, V pads are easy to clean and changeable.

The triple glass made in two passages, this allow to produce also triple glass with different frames.

Processing of monumental glass (4 mm strip)

Processing of extra-long glass (metres longer than 3 m)

Shaped processing

Processing of special glass such as fireproof glass



...precision is always our
target!

More the

100 robots

sold all over the world

Touch screen interface

Triple glass made in two passages

Minimal loss of mixed material

Accurate positioning of the glass

Material's refill and dosage electronically
controlled

- Fast and precise reaction in metering the amount of sealant
- Mechanically locked mixing ratio
- Automatic nozzle centering according to glass thickness
- The machine can work both with single or two-component sealing products
- Precise sealing of corners
- Automatic correction of spacer attachment errors and glass cutting errors
- Opportunity to work also monumental glass (frame of 4 mm)
- The spare parts are produced with high standardization and high precision, ensure the machine can be used with long-term stability
- V pads are easy to clean and changeable
- The triple glass is made in two passages to ensure the perfect result
- Oversized glazing system to process longer panels (up to 5 meters)
- More than 10 shaped figures to choose from
- High strength suction cup for the processing of larger glass in safety
- Opportunity to work also fire glass (optional)
- Real-time control of all machine processing steps to ensure the best possible sealing





Technical data

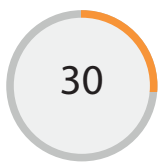
Technical data	SRM 2000	SRM 2500	SRM 2700
Speed	0-18 mt /min	0-18 mt /min	0-18 mt /min
Air Supply	0.5-0.7 mpa	0.5-0.7 mpa	0.5-0.7 mpa
Weight	2000 Kg	2000 Kg	2000 Kg
Dimensions	6505 x 3310 x 1595 mm	6505 x 3442 x 1595 mm	6505 x 3830 x 1595 mm
Power supply	220V 4,5Kw 50Hz	220V 4,5Kw 50Hz	220V 4,5Kw 50Hz
Glass characteristics	SRM 2000	SRM 2500	SRM 2700
Min. Size	390x190mm	390x190mm	390x190mm
Max. Size tripple glass	3000x2000 mm	3000x2500 mm	3000x2700 mm
Max. Size double glass	4500x2000 mm	4500x2500 mm	4500x2700 mm
Max. Weight	400 kg	400 kg	400 kg
Glass Thickness	3-12 mm	3-12 mm	3-12 mm
Panel Thickness	12-65 mm	12-65 mm	12-65 mm
Sealing Width	4-32 mm	4-32 mm	4-32 mm
Sealing Depth	2-9 mm	2-9 mm	2-9 mm
Optional			
Double exit			

*Some data may have changed since the printing of this brochure, always contact the manufacturer for more detailed information

After sale assistance

Our attention and our help, always.

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

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.



Note



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