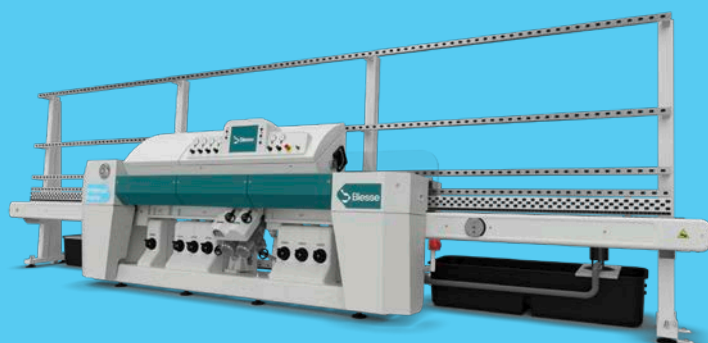
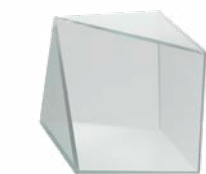


Intermac Edge Up S F50

Edging | Single Sided





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Intermac

Machines

Forvet

Extended Machines

Identify in a few words
the most suitable machine
for your needs from
our product portfolio.

Machining type

Cut

Cutting

Edge

Edging

Drill

Drilling

Multi

Multi-machining

Segment

Pro

Distinctiveness
and performance

Up

Agility
and expertise

Go

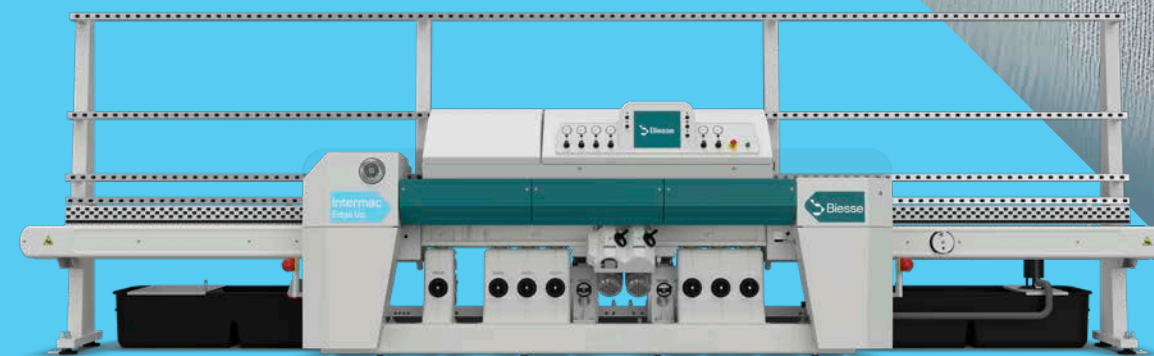
Simplicity
and compactness

Find your perfect fit



Evolution “in big”: the most versatile straight edger around

Its versatility and reliability answers to contemporary architecture demand for large and heavy glass sheet processing.



Intermac

Edge Up S F50



Heavy duty tasks are not a challenge

Unique in the market, our innovative glass conveying system is driven by two motors for greater mechanical efficiency which, combined with the solid structure of the machine, enables the handling of large and thick glass sheets up to 350Kg per linear meter of conveyor. This results in a significant increase in machine performance.

Smooth and vibration free

Separated spindles from the motor with belt transmission to reduce vibrations.

Jumbo mode

The operator can:

- pause the inlet arm via the foot pedal while the machine is running
- safely load a new sheet of glass, even a large one, which would not have been possible by loading in motion
- then restart the conveyor effortlessly with a simple action on the foot pedal.

Performance at low running costs

With decades of experience, this technology offers reliability, precision and exceptionally low operating costs. The glass conveyor features two of our reliable solutions:

- anti-friction and wear pads, which run directly on machined steel guides
- the conveyor system itself without ball bearings.

The goal is a system that is less subject to wear and produces very little vibration.

Digitally adjusted

The glass removal height can be precisely adjusted directly from the Human Machine Interface. This allows a flawless accuracy without the need for any manual adjustments.

Wide screen control panel

10,4" touch screen control panel improves data display. It stands for user-friendliness, flexibility and functionality: bright colors, very intuitive icons, easily understandable drawings.

Glass in, glass out

The glass transportation on inlet and outlet arms is by means of chains with rubber pads. Chain links and rubber pads can be rapidly replaced, ensuring low maintenance cost and fast change.

Materials

Mg Monolithic glass

Lg Laminated glass

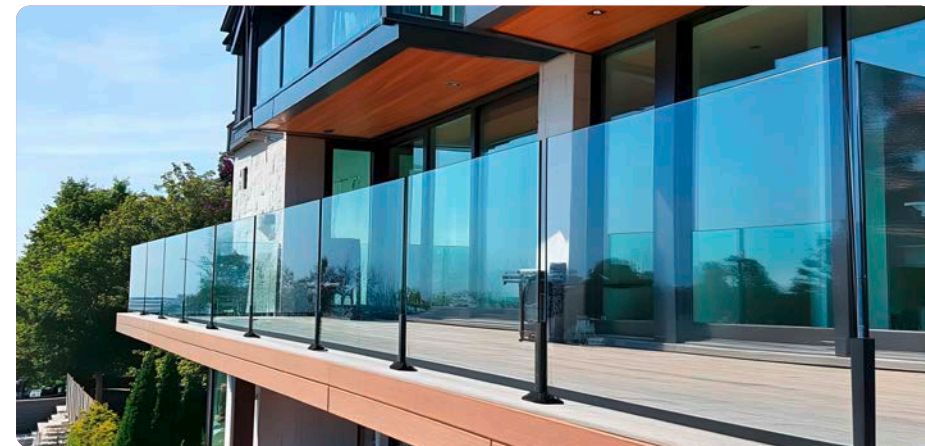
Glass

We design and manufacture machines for glass processing in the furniture, construction, and automotive industries, with a comprehensive portfolio enhanced by the integration of Forvet, Bavelloni, and Intermac technologies.

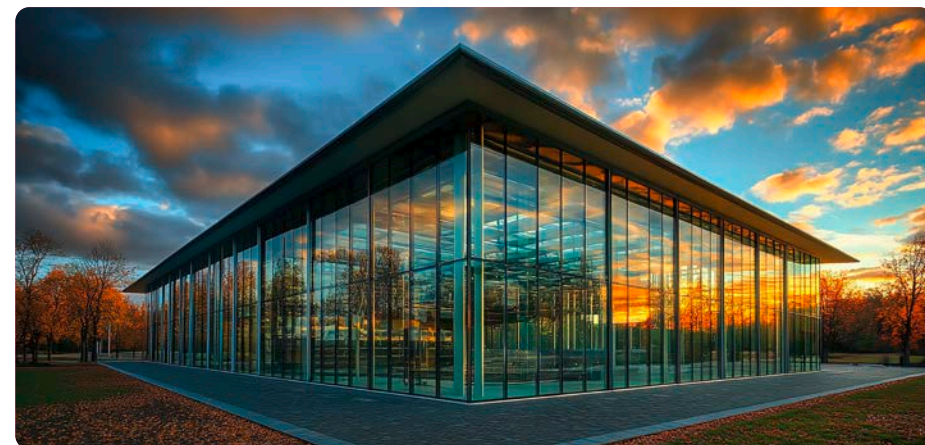
The expertise of these historic brands continues to evolve within the two new macro-categories, Intermac and Forvet, created to provide a clearer and more accessible offering.



Interiors



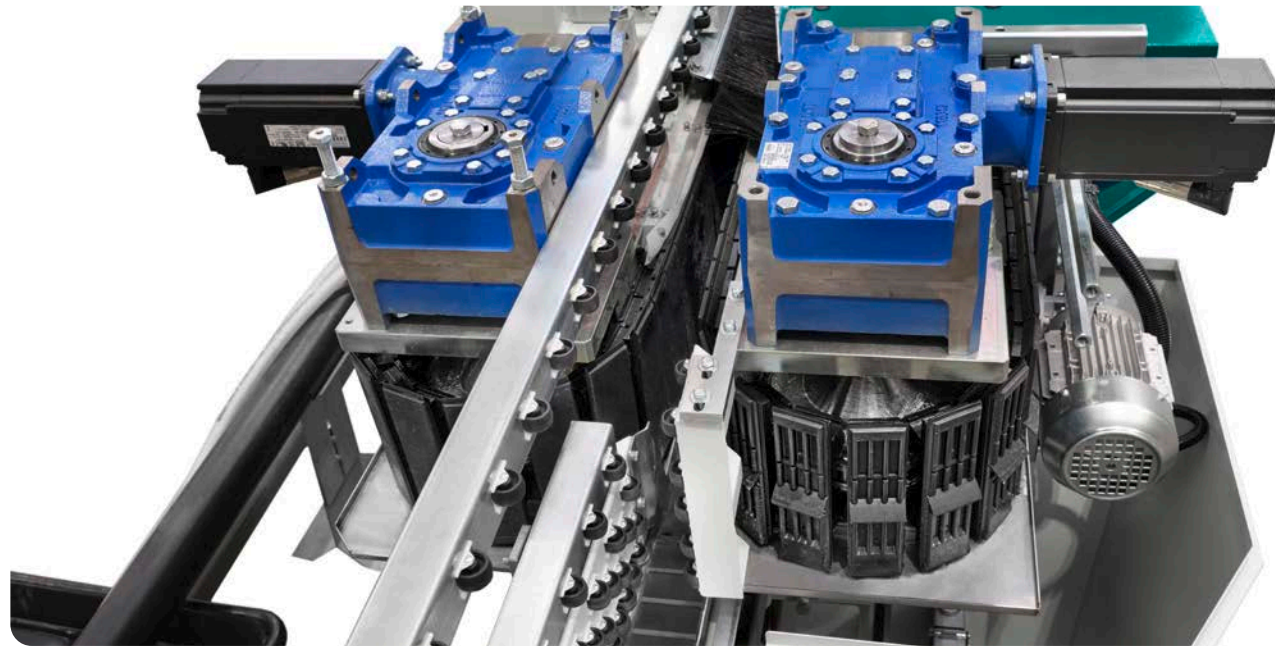
Balustrades



Facade



Showcases



Heavy duty tasks are not a challenge

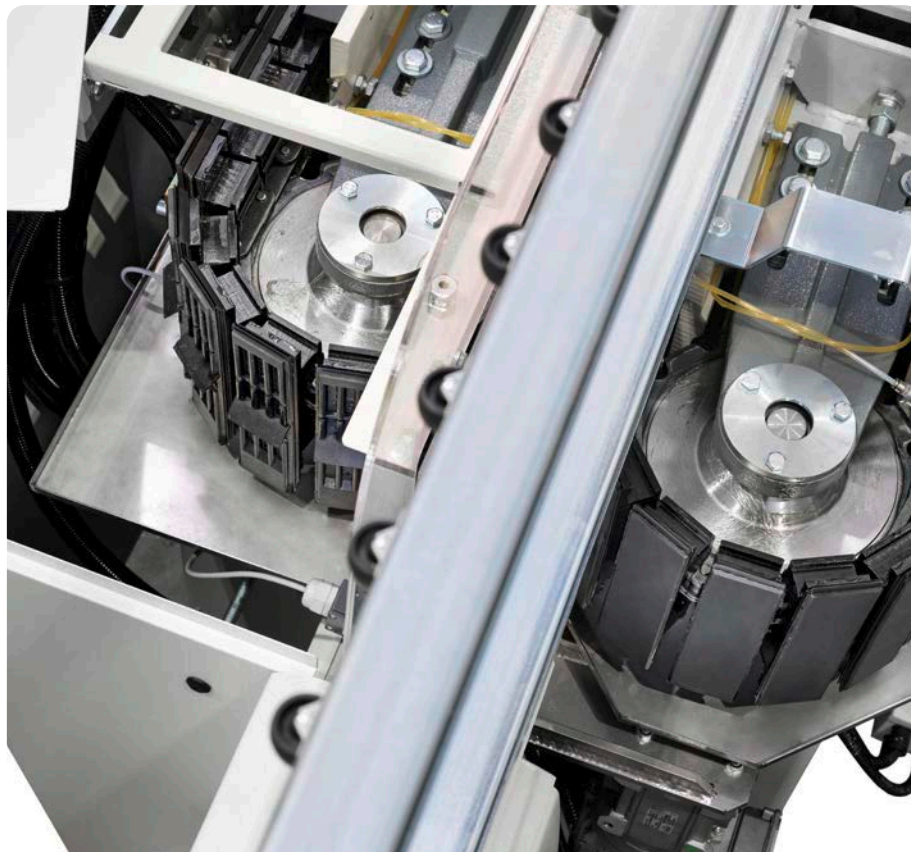
Unique in the market, our innovative glass conveying system is driven by two motors for greater mechanical efficiency which, **combined with the solid structure** of the machine, enables the handling of **large and thick glass sheets** up to 350Kg per **linear meter** of conveyor. This results in a significant increase in machine performance.

Performance at low running costs

With **decades** of experience, this technology offers reliability, precision and exceptionally low operating costs.

The glass conveyor features two of our reliable solutions:
-anti-friction and wear pads, which **run directly on machined** steel guides
-the conveyor system itself without ball bearings.

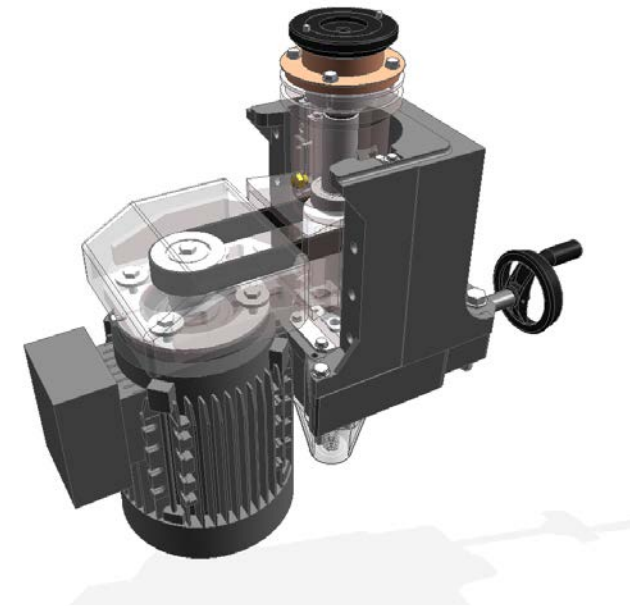
The goal is a system that is less **subject** to wear and produces very little vibration.



Spindles made to get the job done

Flat edge processing spindles are separated from the electric motor and the transmission is provided by belt and pulleys to eliminate any possible vibration.

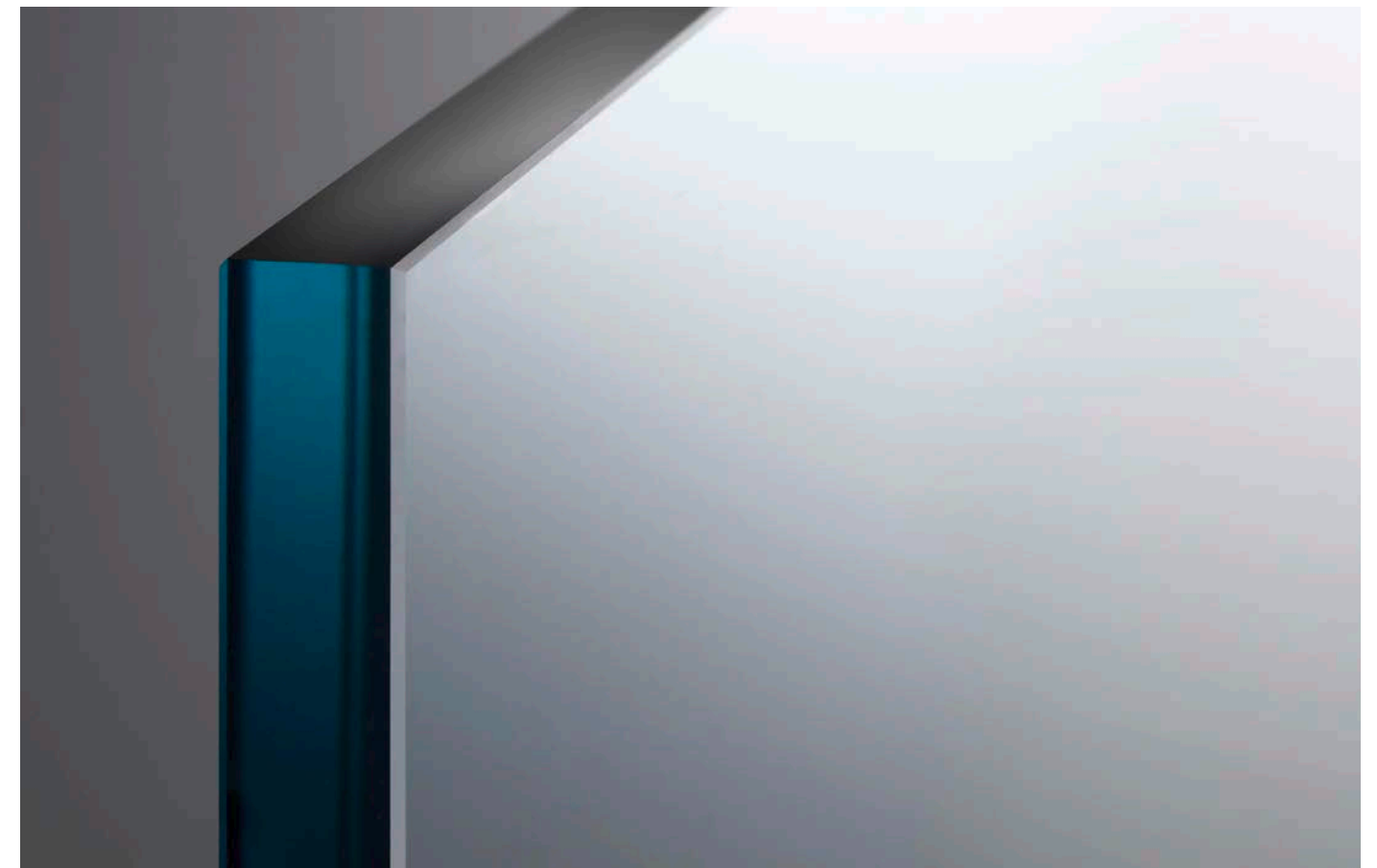
Lubrication is carried out by long-life grease type.



Performance and precision: the structure of the spindle is based on a cast iron body and tempered shafts

Reliability and low maintenance costs: the spindles are lubricated by long-life grease (periodical maintenance not required).

The spindle is separated from the electric motor and connected by transmission belt and pulleys, reducing vibration.





Jumbo mode

The operator can:

- pause the inlet arm via the foot pedal while the machine is running
- safely load a new sheet of glass, even a large one, which would not have been possible by loading in motion
- then restart the conveyor effortlessly with a simple action on the foot pedal.



Glass in, glass out

The glass transportation on inlet and outlet arms is by means of chains with rubber pads.

Chain links and rubber pads can be rapidly replaced, ensuring low maintenance cost and fast change.

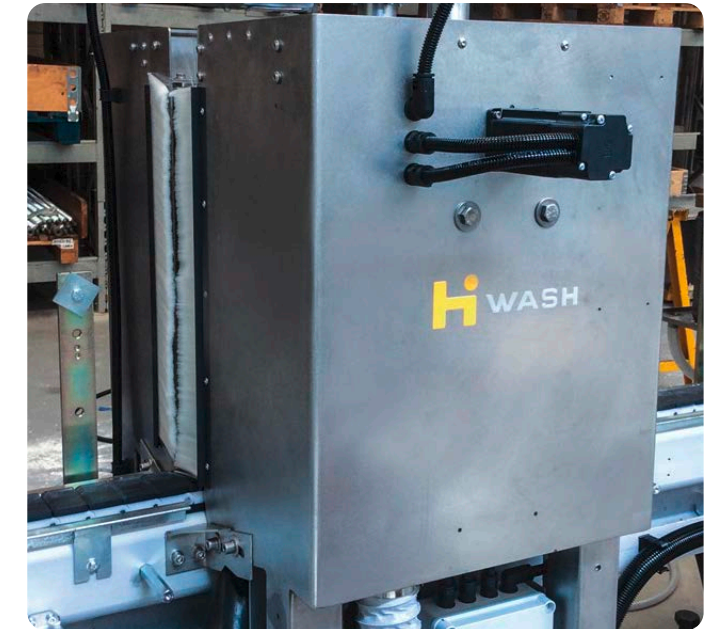
Different configurations with higher racks and longer arms

The machine can be equipped with racks of a maximum 3300mm height from the floor and longer arms (1500mm additional to the standard length) for loading and grinding big sizes in a safe way.



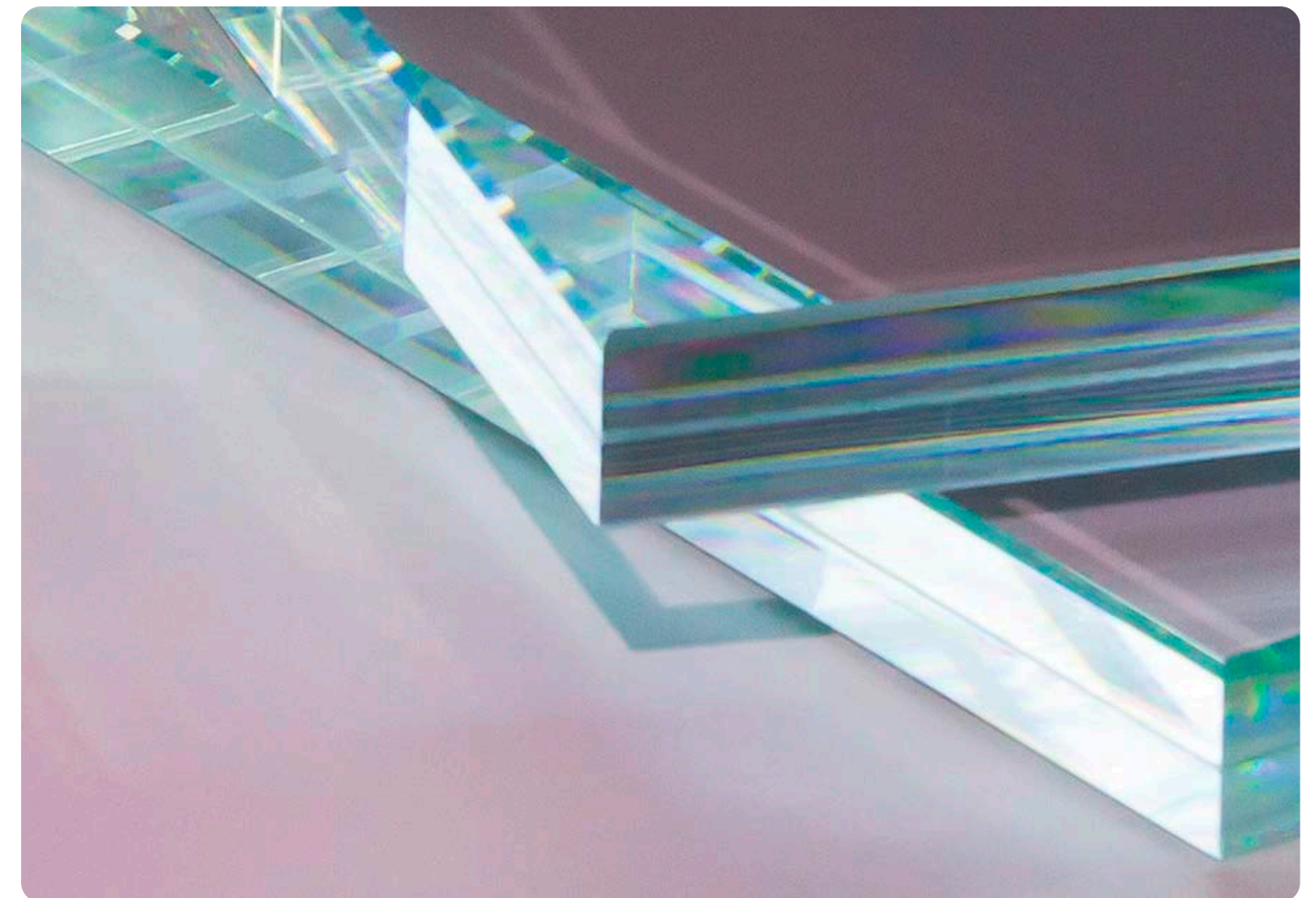
HiWash integrated washing machine

Vertical washer integrated on the machine outlet arm, equipped with a pair of brushes and a pair of blowers. Longer outlet arm is highly recommended.



Optional kit for a super bright finishing

Kit for polishing with liquid cerium oxide including felt wheel, cerium oxide tank, pump with mixer and relevant distribution circuit.



Adjustable glass removal

The glass removal height (from 0 to 5mm) can be precisely adjusted directly from the Human Machine Interface and performed automatically by the inlet arm's vertical movement (only on versions 10V and 14V).

This allows a flawless accuracy without the need for any manual adjustments.

The inlet arm is equipped with a device to set glass removal in a very quick and easy way.

- There is no need to move the diamond wheels.
- When big removal is required, it is possible to process the piece in one run without having to insert it twice or more times.
- Precise and rapid glass removal control

The system allows single-pass grinding, even for large removals, ensuring precise and efficient control. Setting to be done when the arm is empty (no glass on).



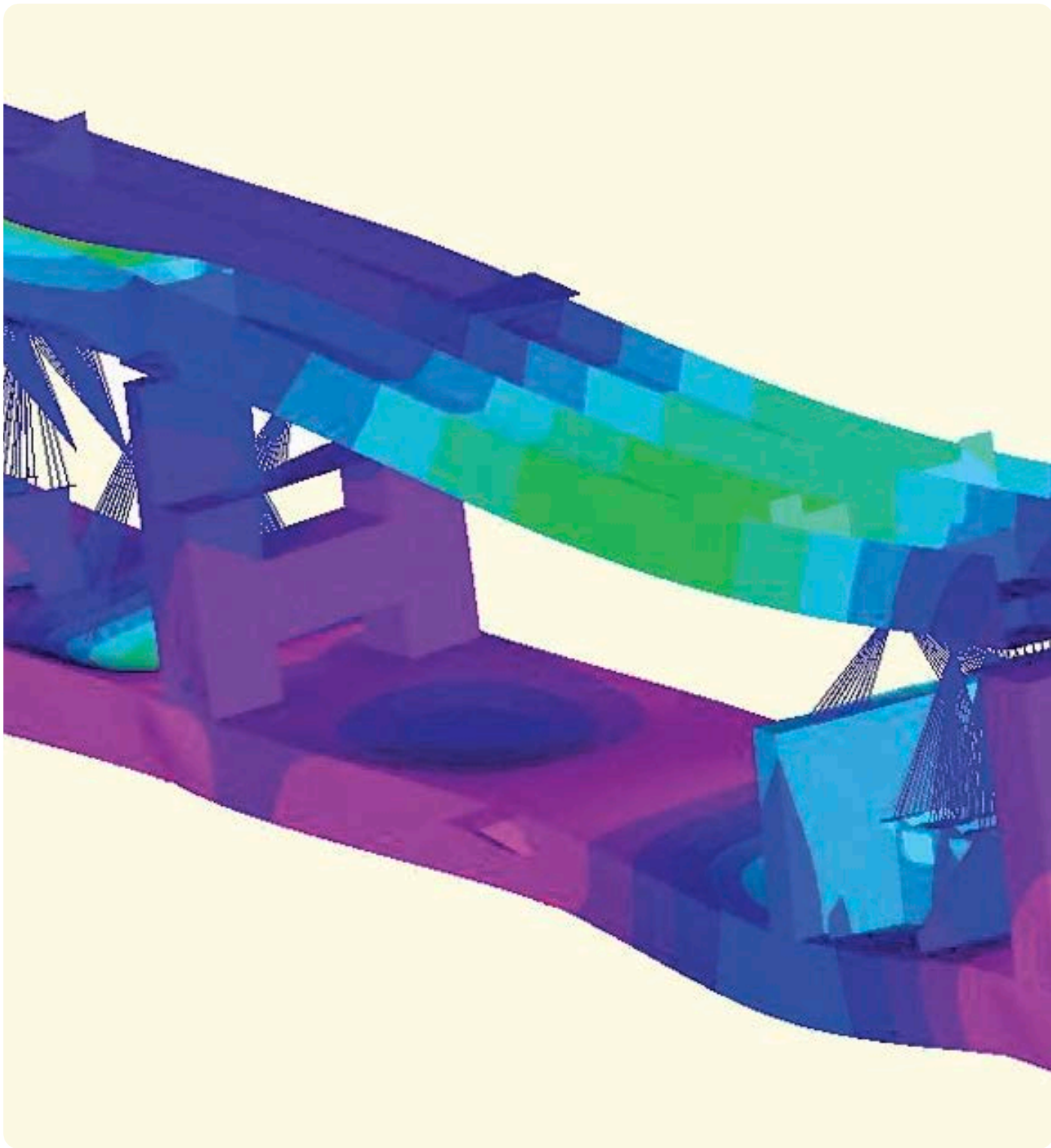
Smooth and vibration free

The flat edge processing spindles are separated from the electric motor, with power transmission handled by belt and pulleys to minimize any potential vibrations.

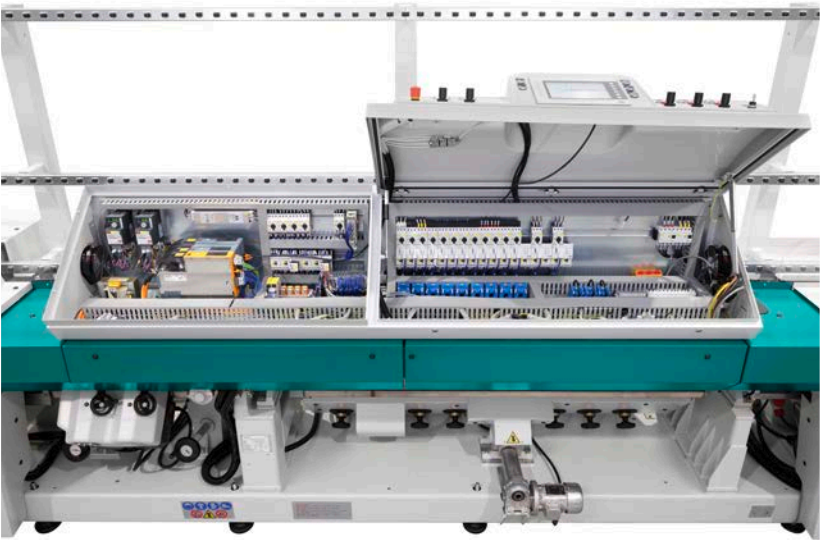


Full load capacity

The most modern modelling systems (FEM, Finite Element Method) in the structure design, combined with the double-drive conveyor motorization, allows processing of large and thick glass sheets.



Integrated electrical cabinet on board the machine, thus reducing its footprint



Safety first

The operator will be able to stop the inlet arm while the machine is working, safely load a new glass sheet and restart the conveyor using a pedal.



In and out with ease

The glass transportation on inlet and outlet arms is by means of chains with rubber pads. Chain links and rubber pads can be rapidly replaced, ensuring low maintenance cost and fast change.



Wide screen control panel

10,4" touch screen control panel improves data display

It stands for user-friendliness, flexibility and functionality: bright colors, very intuitive icons, easily understandable drawings.



Configurations



This document includes information about optional features. Scan the QR Code to access the configuration scheme and verify standard and optional equipment.

Technical Specifications

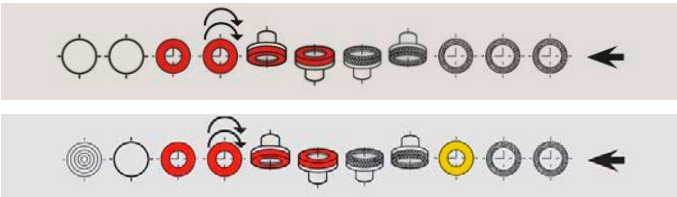
Version 11

N. of spindles		11
Glass thickness range	mm in	3 to 40 0.12 to 1.57
Maximum conveyor speed range	m/min ft/min	0,5 ÷ 5 1,64 ÷ 16.40
Maximum glass weight allowed per meter	kg lb	350 771.6
Maximum glass weight allowed	kg lb	1000 2204.6

Evolution “in BIG”

The best seller for architectural glass

Suitable for heavy loads and equipped with 11 tools, this model is the top choice for processing flat edge with arises on big size architectural glass, granting flexibility, productivity and very good finishing. It can work on 3 to 40mm glass and allow max 350 kg/m load on the conveyor.



Declared dual-number noise emission values in compliance with Standard ISO 4871:2009. A-weighted sound emission pressure level (LpA) in the operator's position. dB 90,7. Maximum A-weighted sound emission pressure level (LpA) in another operator's position. dB 79,9. Uncertainty (KWA) dB -. A-weighted sound power level (LWA) (with LpA value greater than 80 dB) dB 97,982. Uncertainty (KWA) dB 2. A-weighted sound emission pressure level (LpA) in the operator's position. dB 76,2. Maximum A-weighted sound emission pressure level (LpA) in another operator's position. dB 73,7. Uncertainty (KpA) dB 2. A-weighted sound power level (LWA) (with LpA value greater than 80 dB) dB /. Uncertainty (KWA) dB /.

Measurement taken in conformity with Standard ISO 15572:2015 Appendix A.
- Sound emission pressure level : standard ISO 11202:2010 with an accuracy level of 2/3.
- Sound power level: Standard ISO 3744:2010 with an accuracy level of 2, and Standard ISO3746:2010 with an accuracy level of 3.
Operating conditions during the measuring phase

Technical Specifications

Version 10V

N. of spindles		10
Glass thickness range	mm in	3 to 51 0.12 to 2.01
Maximum conveyor speed range	m/min ft/min	0,5 ÷ 5 1,64 ÷ 16.40
Maximum glass weight allowed per meter	kg lb	350 771.6
Maximum glass weight allowed	kg lb	1000 12204.6
Edge profile		0-45°

Edging and mitering: the right compromise

The customer's preferred choice for mitering

Suitable for heavy loads and equipped with 10 tools, this model is the preferred choice for processing flat edge with arises and variable angle from 0° to 45°. It can work on 3 to 51mm glass and allow max 350 kg/m load on the conveyor.



Technical Specifications

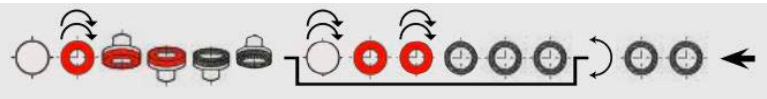
Version 14V

N. of spindles		14
Glass thickness range	mm in	3 to 51 0.12 to 2.01
Maximum conveyor speed range	m/min ft/min	0,5 ÷ 5 1,64 ÷ 16.40
Maximum glass weight allowed per meter	kg lb	350 771.6
Maximum glass weight allowed	kg lb	1000 2204.6
Edge profile		0-45°

The solution for edging and mitering in one cycle

All at once for large-scale productions: flat edge and chamfer in a single cycle

Suitable for heavy loads and equipped with 14 tools, this model can process flat edge with arises and variable angle from 0° to 45° in a single cycle, granting quality and productivity at the top of the range.



Overall dimensions

Version		11	10V	14V
H	mm in	2300 90.55	2300 90.55	2300 90.55
L	mm in	7800 307.09	8900 350.4	9900 389.8
W	mm in	1600 62.99	1600 62.99	1600 62.99

Refer to required safety clearances around the machine according to regulations and official layouts.
Optional components are not included.



Biesse

Customer Care

Beyond machines. Value that works longer.

Biesse Customer Care delivers global expertise and local support, every day, everywhere, to protect your investment and enhance long-term machine performance.



Services

- Installation & Warranty
- Remote assistance
- On-site assistance
- IoT Services



Maintenance

- Machinery maintenance
- Components maintenance



Components

- Spare parts
- Upgrades & Modernization
- Tooling
- Software



Training

- In-person coaching
- Customized education
- Remote training

Founded in Italy in 1969
International natives

We are an international company that manufactures lines, machinery and components for making products, enhancing the potential of a wide range of materials.

Thanks to our rooted competence nurtured by an ever-growing worldwide network, we support your business evolution - empowering your imagination.

Master of materials

We simplify your
manufacturing process
to make the potential
of any material shine

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Biesse Material·HUB

Network

Join the Biesse
Material Hub
experience

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Biesse Material Hubs are multi-material spaces designed to experience our company and our complete product portfolio in a unique and engaging way.

A place to explore technologies, share ideas and find the right solution for you.

The world map reflects our identity as 'International Natives', showcasing our global presence through Biesse Material Hubs and showrooms worldwide.

 Biesse Material Hub  Showroom



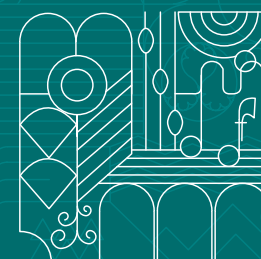
Reserve your visit
in one of our
multi-material
spaces around
the world



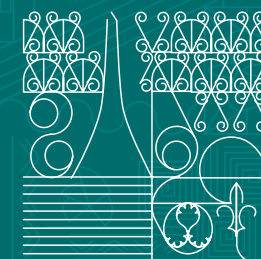
Canada | Toronto



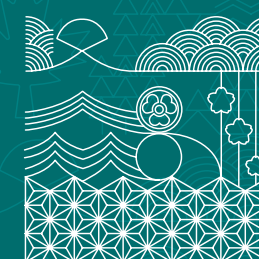
Portugal | Porto



Italy | Pesaro



France | Lyon



Japan | Osaka



Australia | Sydney

Note

This image shows a full page of white paper with horizontal dotted lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Note

[illegible]

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