



Biesse
Machinery

Product Portfolio

Edging





Product Portfolio



Founded in Italy in 1969
International natives

We simplify your
manufacturing
to make the process
of any material

Your ing process potential ial shine

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

Join the
Biesse world.

[biesse.com](https://www.biesse.com)



Wood

We manufacture wood processing machines for the furniture, window and door and building component industries.



Discover
all our machines
for wood



[biesse.com](https://www.biesse.com)

Rover

Machines

Stream

Extended Machines

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

Machining type

Segment

Cut

Cutting

Edge

Edging

Drill

Drilling

Fin

Finishing

Multi

Multi-machining

Pro

Distinctiveness and performance

Up

Agility and expertise

Go

Simplicity and compactness

Rover

Rover embodies the essence of machining operations on wood, representing the machine that is at the heart of the entire production process.

It is a comprehensive range of stand-alone machines, designed to work in perfect synergy with the operator, where human skill and experience is combined and enhanced, thanks to the coordinated and efficient management of each machining phase.

Intuitiveness, simplicity and flexibility are the foundations upon which the entire process is built.



Stream

Stream is the extension of the machine, rendered more powerful and fully automated.

Stream represents our combined machine offering with integrated automation. It is an independent solution which offers a high level of autonomy throughout the process, reducing operator intervention to a minimum.

It never stops, guaranteeing total efficiency and autonomy.



Machining Types

A machining operation
for every requirement



Cut

Cutting

Panel saws with blade cutting for panels made of wood and its derivatives.



Edge

Edging

Edgebanders and single-sided or double-sided squaring and edgebanding machines for processing panels made of wood and its derivatives.



Drill

Drilling

Boring and inserting machines for glue, dowels and hardware for panels made of wood and its derivatives.

The machining types represent the different kinds of machining operation, and define the specific end purpose or application of an operation.



Fin

Finishing

Calibrating-sanding machines for finishing the surfaces and assembly systems of panels made of wood and its derivatives.



Multi

Multi-machining

Range of machining centres for carrying out different types of operation: milling, boring, nesting, the shaped edgebanding of panels and the production of door/window frames, stairs and various applications on solid wood - all on one single machine.

Segment

Your needs,
our skill

Your daily challenges feed our experience, as they enable us to get to know your requirements, your production dynamics and your spaces.

In order to respond to your needs, we have designed a portfolio of products to guide you in the most appropriate choice for you.



Distinctiveness and performance

Pro represents excellence in terms of performance, designed for customers who wish to distinguish themselves with the latest-generation solutions that they choose.



Agility and expertise

The perfect choice for managing custom production requirements. The Up solutions combine advanced flexibility and functionality, guaranteeing efficient responses to constantly-evolving production challenges.



Simplicity and compactness

The Go solutions are designed for those looking for compact, easy-to-install machines that are simple to use. Ideal for those looking for a practical, immediate approach.

Edging

Edgebanders and single-sided or double-sided squaring and edgeling machines for processing panels made of wood and its derivatives.

A close-up photograph of an industrial edging machine. The machine features a series of rollers and belts, with a white panel being processed. The rollers are arranged in a row, and the belts are colored in shades of orange, purple, and white. The machine is made of metal and has various adjustment points and components visible.

Edge

Discover
all our edging
machines



biesse.com

Single side

Product Brand	Model	Segment
Rover	Rover Edge Pro S	Pro
	Rover Edge Up S	Up
	Rover Edge Up SP	Up
	Rover Edge Go S	Go
	Rover Edge Go SP	Go
Stream	Stream Edge Pro S	Pro
	Stream Edge Pro SS	Pro
	Stream Edge Pro SSP	Pro
	Stream Edge Up S	Up
	Stream Edge Up SP	Up
	Stream Edge Go SP	Go

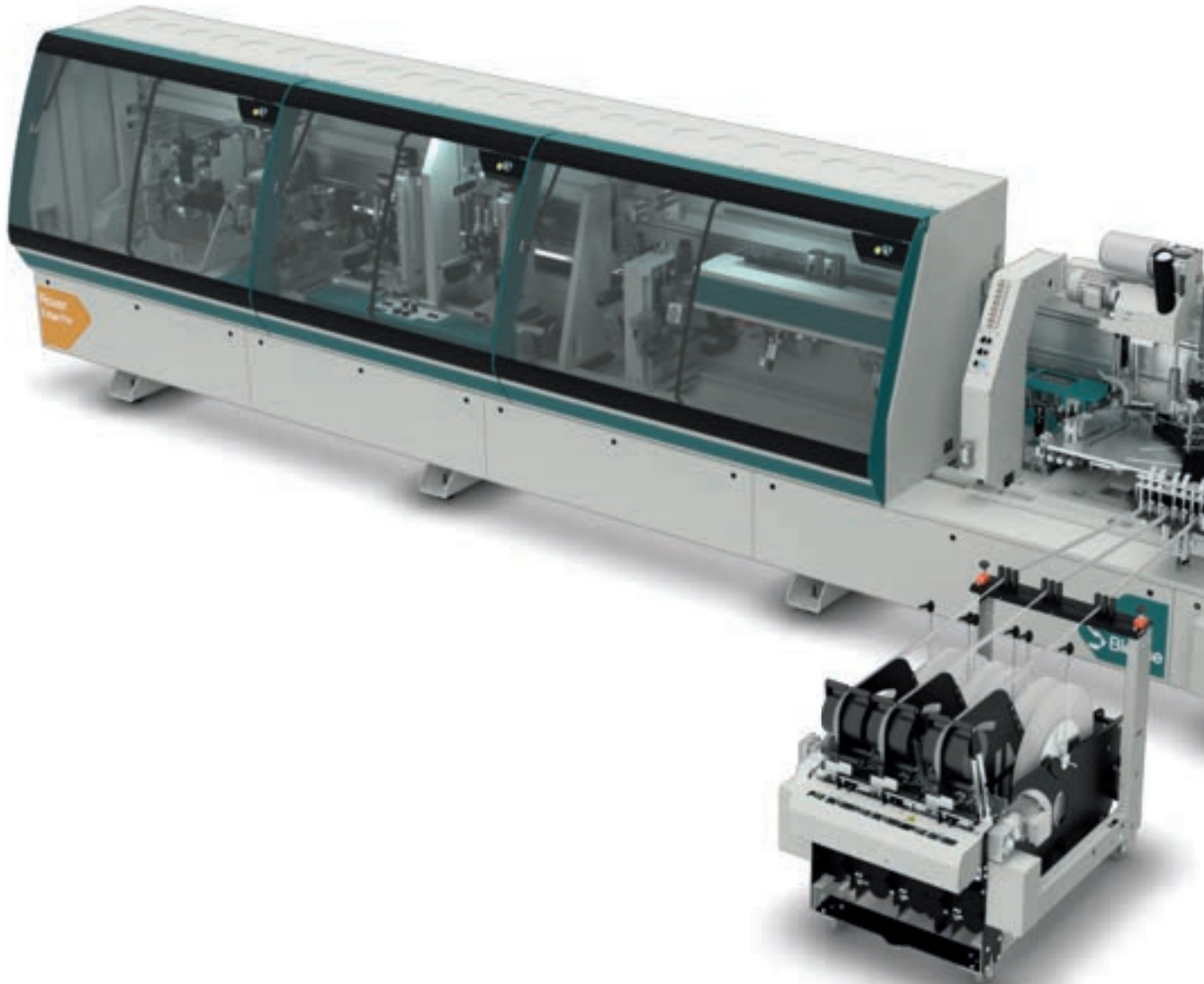
Double side

Product Brand	Model	Segment
Rover	Rover Edge Pro DS	Pro

Single side

Rover

Rover Edge Pro S



Water power

An innovative system for perfect bonding. Unique quality and high productivity for batch one flexible production...ensuring energy and CO₂ footprint saving.

High-quality finishing

Fine trimming and scraping groups in the 50 series are equipped with a panel thickness measurement system. This ensures optimal contact with the panel, delivering a consistent finishing across its entire length.

High Productivity

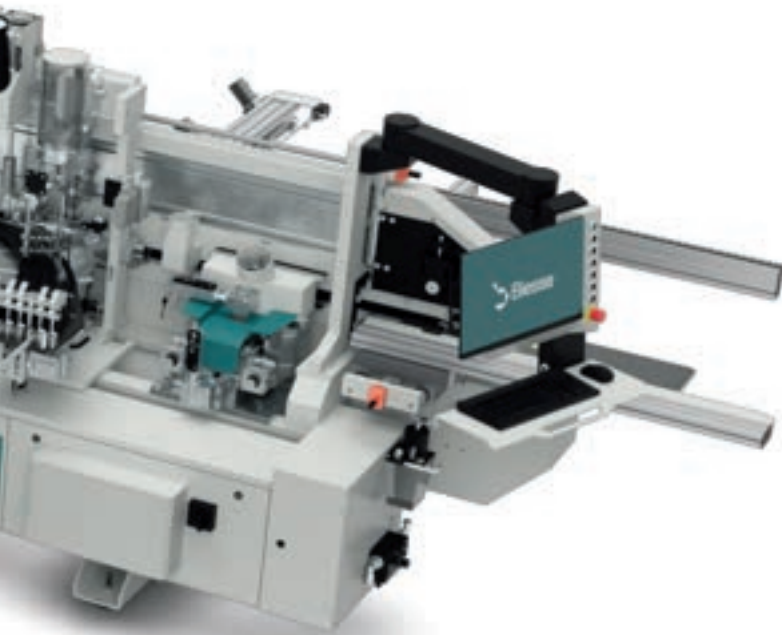
To ensure high productivity, the groups: Corner rounding unit AR80, End trimming unit IT90P and Gluing unit SP30, are designed to operate at a feed speed of 30 m/min.

The flexible edgebanding solution for medium and large companies

Perfectly designed to boost high-batch lines with unmatched precision on small batches and special parts.

Guaranteed response: Remote Assistance you can rely on

Remote assistance packages ensure fast technical response times and seamless. Machine Connectivity services to keep your operations running smoothly.



Edge Storage

Edge management system - ESM

Many edges? You can store them all forgetting machine setup.

Best Gluing Performance


Ensure optimal gluing quality thanks to:

- recirculation system that keeps the glue fresh and prevents any leakage
- knurled glue roller that ensures a uniform glue film thickness on the panel
- easy glue head changeover for quick and efficient maintenance

NC Glue scraper

- NC axis management via control board
- High flexibility
- Infinite positions available
- Perfect for Peel Coated panels.

Water power



High-quality finishing



Grooving Unit

This unit is capable of performing grooving operations, transitioning between horizontal and vertical position. It is equipped with a 5-position tool changer, providing enhanced operational flexibility.

Different edges Same perfect finishing quality



Thin edge

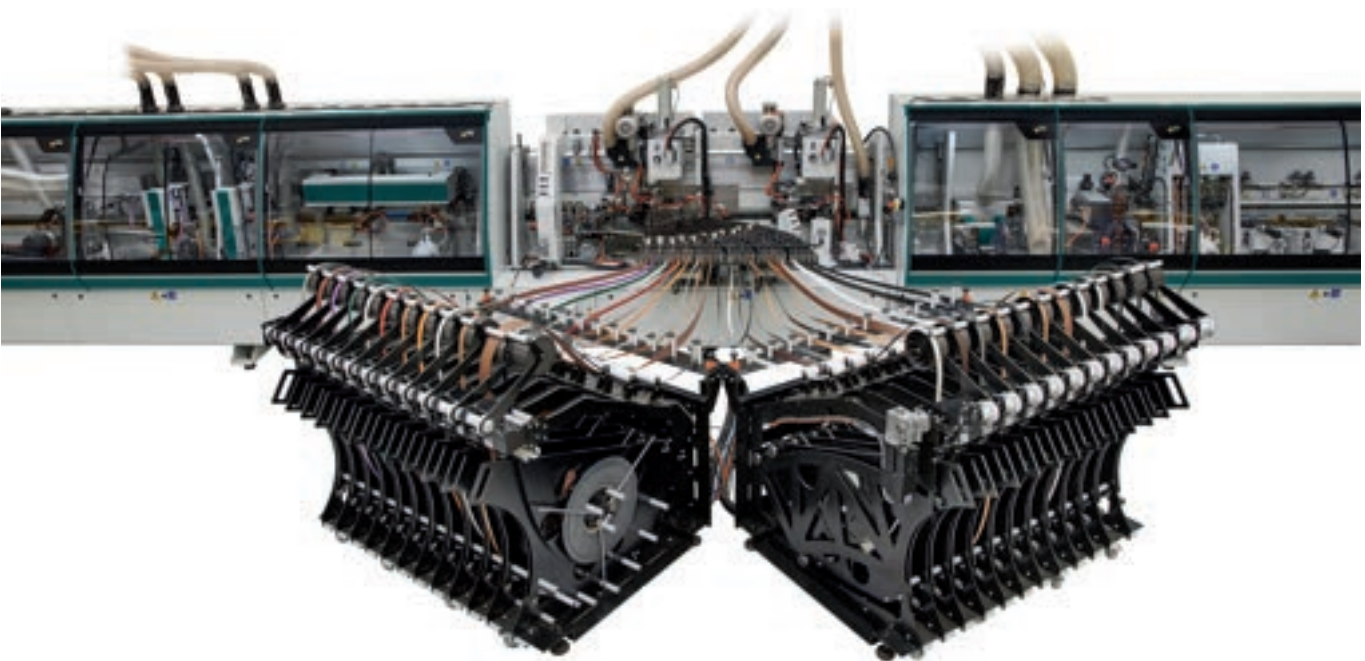
Thin edges for modern and minimalist design, giving pieces a clean and understated look. Typically used in settings where a lightweight visual profile is desired.

Thick & wooden edges

The thick and wooden edges provide a robust appearance, enhancing the sense of durability. The wooden edges add a warm, rustic charm to furniture designs.

No joint

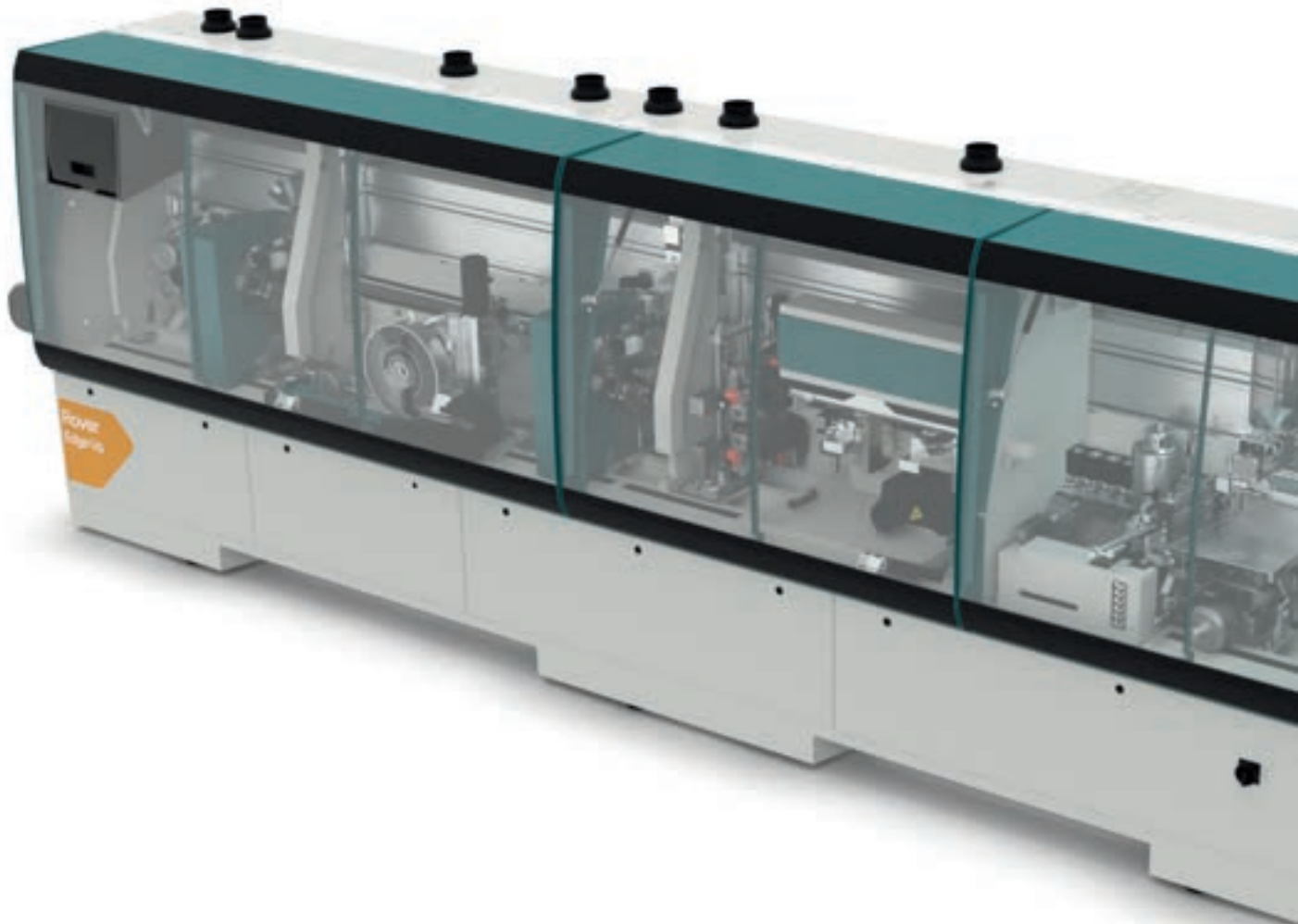
Furniture with no visible joint edges achieves a smooth, seamless finish, delivering a sophisticated and refined look suitable for elegant, high-end interiors.



Single side

Rover

Rover Edge Up S



Flawless finish without interruptions

No signs of junction on the corners.

Innovative corner rounding unit to work on whole panel's profile. AR 70 can manage up to 5 profiles at the same time, without need for tool re-setting.

Many configurations for different jobs

This machine is available in multiple configurations, with differences on working units, to supply the best solution for the desired application.

Easy and fast maintenance

Wide accessibility to operating units, minimized cleaning operations.

User-friendly design to improve efficiency, saving time on daily tasks.

Big results, small footprint

**Functionality on a reduced footprint:
edgebanding machine for small
companies.**

Versatile single-sided edgebander
designed to reach perfect results on
multiple materials and application.

Guaranteed response: Remote Assistance you can rely on

Remote assistance packages ensure fast technical
response times and seamless. Machine Connectivity
services to keep your operations running smoothly.



Up

Smart edges management

ESM together with an edge container
(2 or 6 positions) ensure the machine
is always equipped and ready to use,
handling a large variety of edges
on one site.

Advanced statistics available to monitor
and improve the production.

One gluing unit, multiple solutions

Located inside machine's cabinet, VC710
unit will provide users with a versatile
approach to meet different needs.

Invisible edge banding

Air Force System delivers a superior
finished product with nearly invisible joints
offering greater resistance and durability.

Many configurations for different jobs



Smart edges management



Easy and fast maintenance

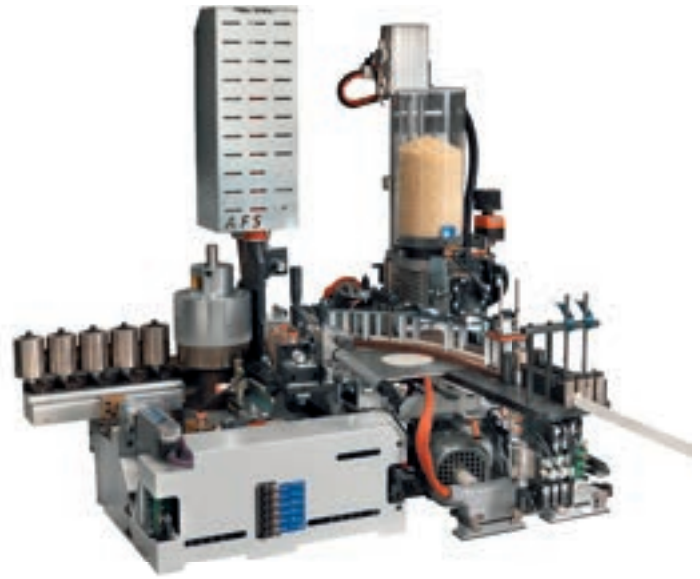


Up

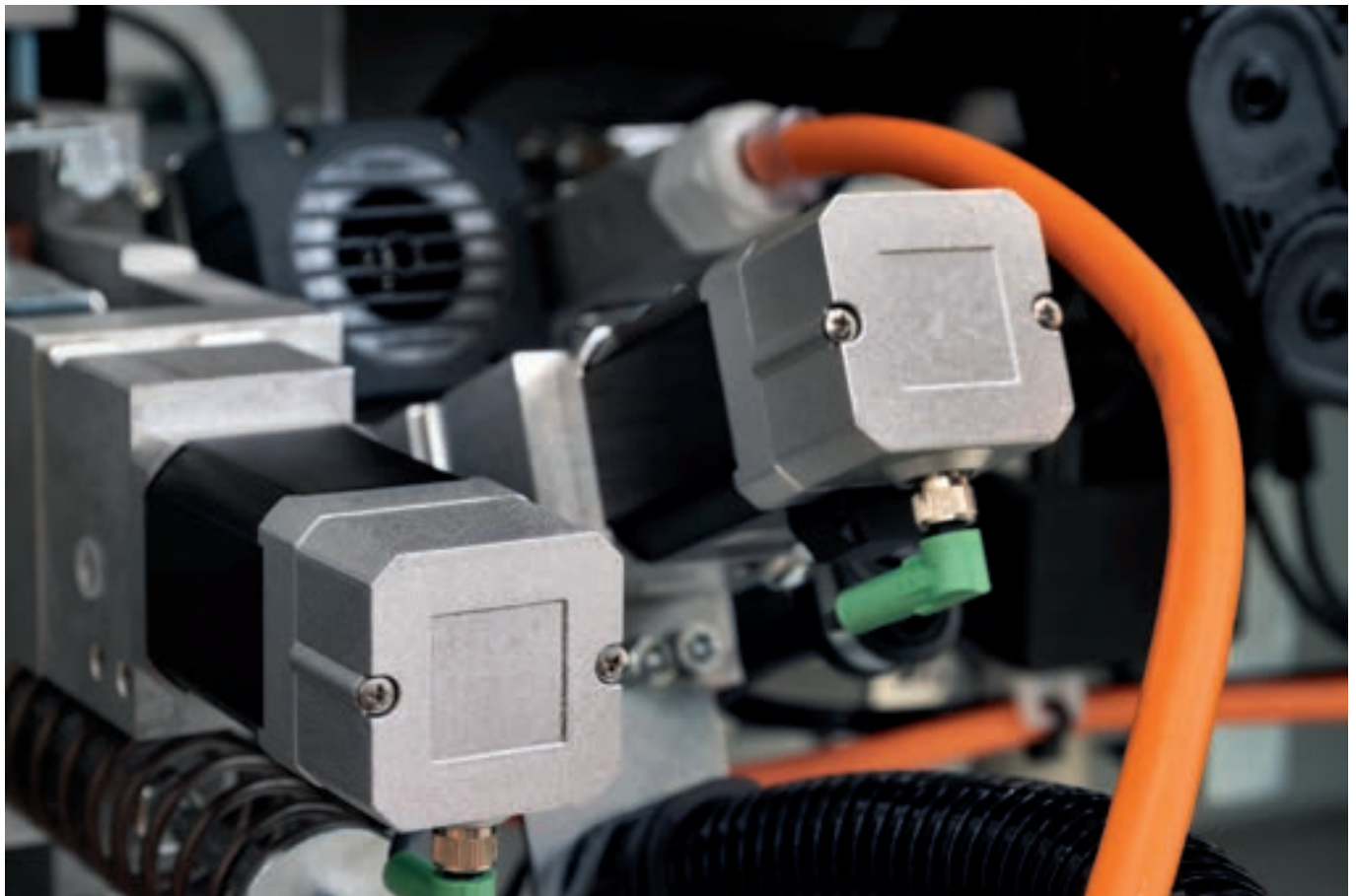




Flawless finish without interruptions



One gluing unit, multiple solutions



NC operating groups

Working units on the machine are numerically controlled (either as standard or as optional), to ensure better precision and faster re-setting throughout the work shift.

Invisible edge banding

**Different edges
Same perfect finishing quality**

Thin edge

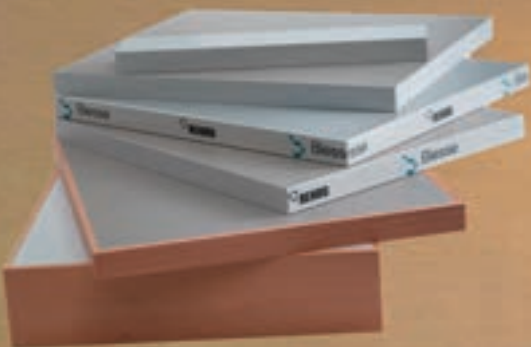
Thin edges for modern and minimalist design, giving pieces a clean and understated look. Typically used in settings where a lightweight visual profile is desired.

Thick & wooden edges

The thick and wooden edges provide a robust appearance, enhancing the sense of durability. The wooden edges add a warm, rustic charm to furniture designs.

No joint

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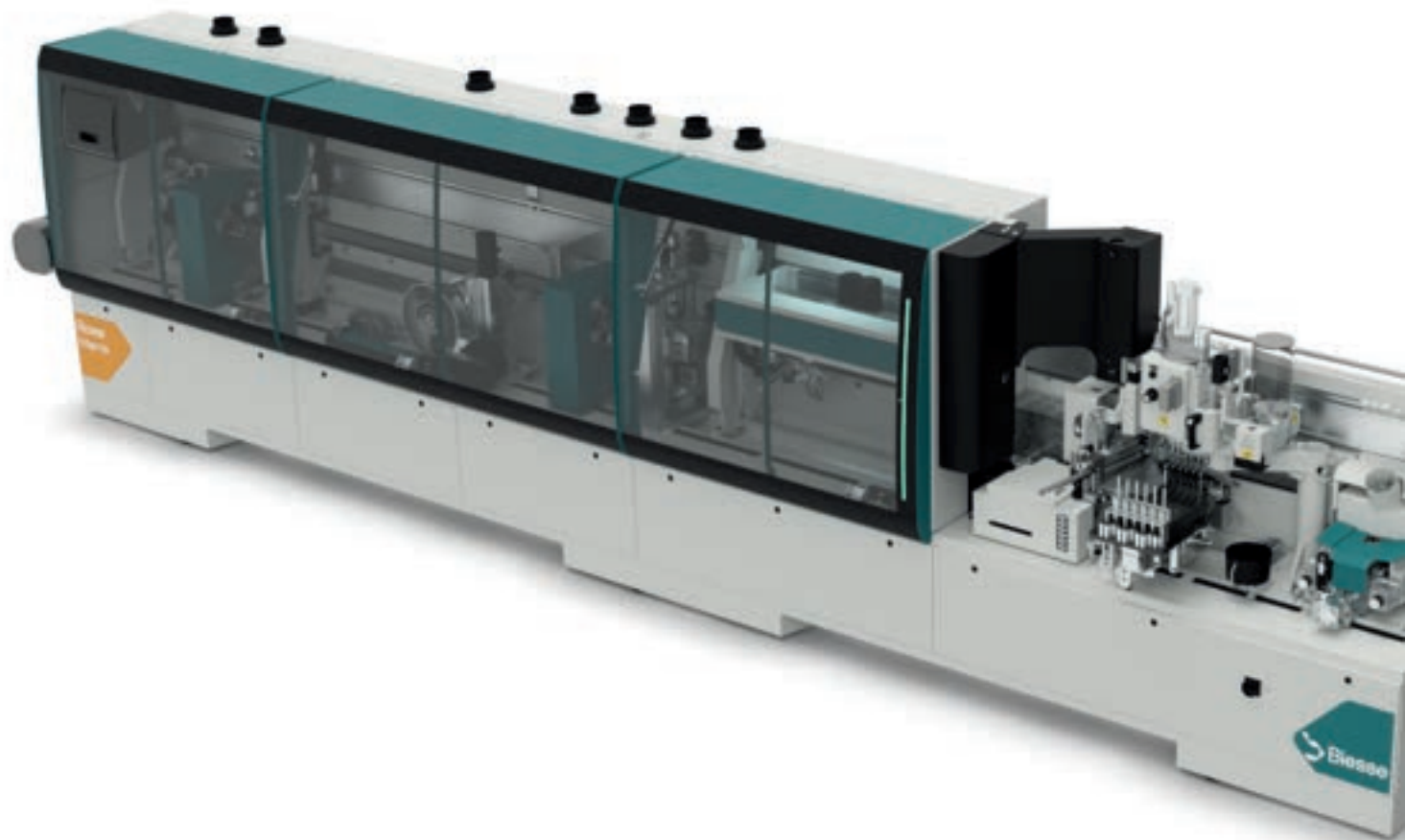


Up

Single side

Rover

Rover Edge Up S P



Flawless finish without interruptions

No signs of junction on the corners.

Innovative corner rounding unit to work on whole panel's profile. AR 70 can manage up to 5 profiles at the same time, without need for tool re-setting.

More than one work shift

Designed to ensure continuous efficiency, up to two shifts. Ideal for customers with demands for productivity over a long period of time.

Easy and fast maintenance

Wide accessibility to operating units, minimized cleaning operations.

User-friendly design to improve efficiency, saving time on daily tasks.

Functional and high-performing

Edgebanding machine suited for multiple jobs.

Single-sided edgebander for structured companies seeking productivity and flexibility.

Multiple configurations for many different requirements.

Guaranteed response: **Remote Assistance** you can rely on

Remote assistance packages ensure fast technical response times and seamless. Machine Connectivity services to keep your operations running smoothly.



Up

Smart edges management

ESM together with an edge container (2 or 6 positions) ensure the machine is always equipped and ready to use, handling a large variety of edges on one site.

Advanced statistics available to monitor and improve the production.

One gluing unit, multiple solutions

Located inside machine's cabinet, VC710 unit will provide users with a versatile approach to meet different needs. Switch between glue types and different edge thicknesses without extra setup.

Invisible edge banding

Air Force System delivers a superior finished product with nearly invisible joints offering greater resistance and durability.

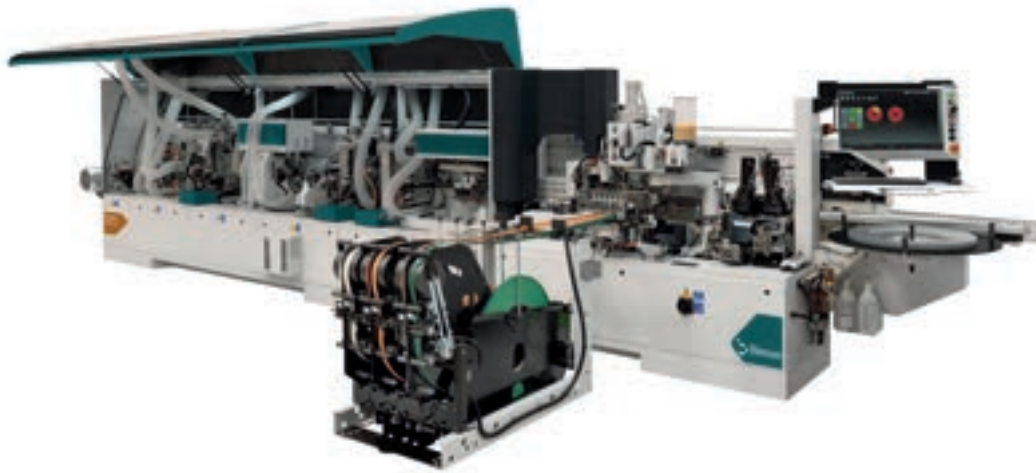
Smart edges management



Easy and fast maintenance



More than one work shift



Easy and fast maintenance

Up



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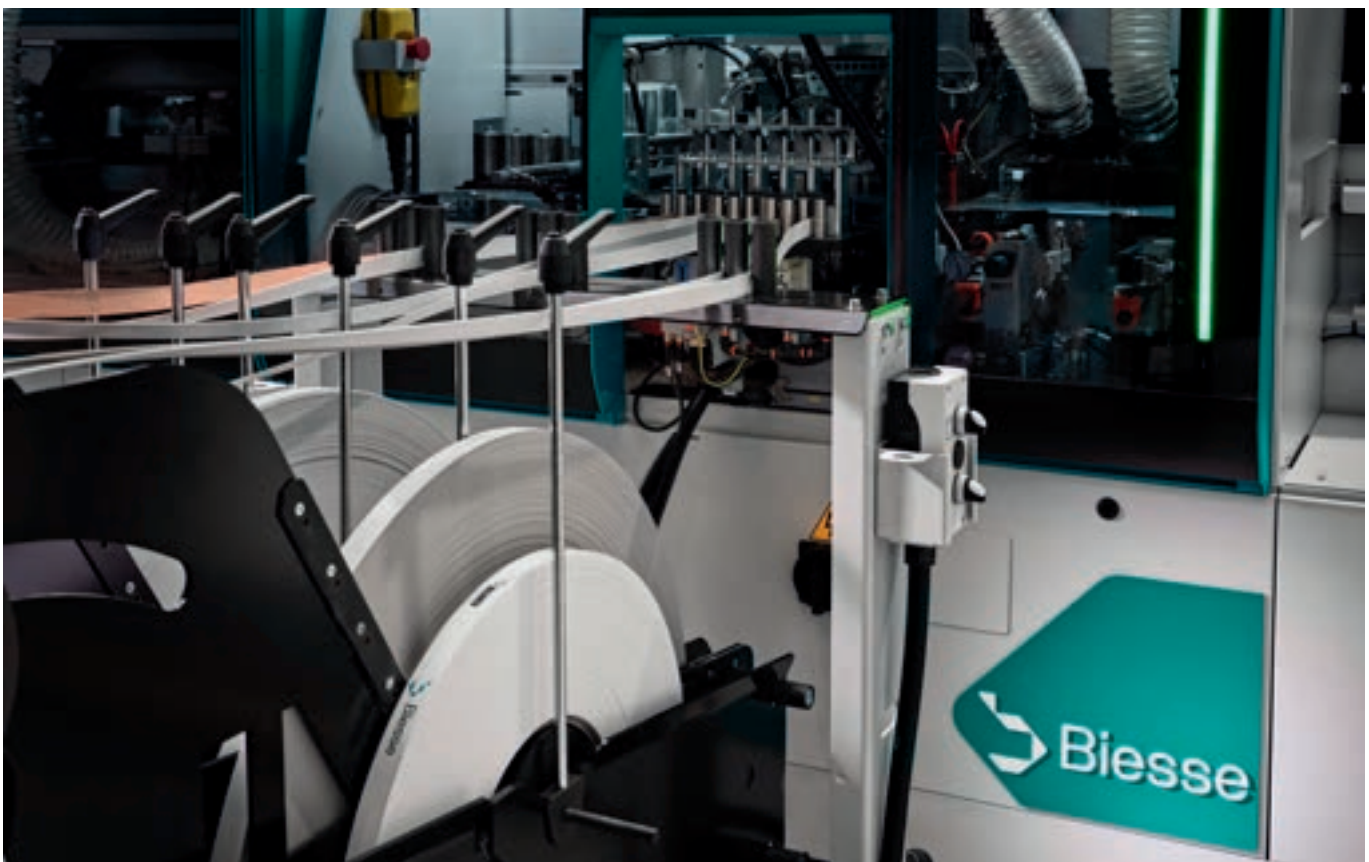


NC operating groups

Working units on the machine are numerically controlled (either as standard or as optional), to ensure better precision and faster re-setting throughout the work shift.



One gluing unit, multiple solutions



Up

Single side

Rover

Rover Edge Go S



Compactness

A space-saving machine that combines all the essential features needed to produce high-quality products, in a minimal footprint.

Multi profile tools on fine trimming

Provide flexibility and precision, allowing for efficient processing of diverse edge finishing while ensuring consistent quality and reduced setup times.

Technology you can trust, value you'll appreciate

Equipped with the same operating units as upper class models to offer the best reliable solution.

7" Smart touch screen control board

Ergonomically positioned at the machine entry, features a simple and intuitive interface, enabling the operator to easily manage the machine and all process parameters and statistics.

Compact, reliable, and built for your workshop

Compact and User-Friendly: the essential edgebanding solution
A simple, easy-to-use machine designed for small-scale operations, offering all the features needed for reliable edgebanding.

Guaranteed response: **Remote Assistance** you can rely on

Remote assistance packages ensure fast technical response times and seamless. Machine Connectivity services to keep your operations running smoothly.



EVA-PUR

Interchangeable glue pot provides to the craftsmen a versatile approach to meet different customer needs.

Diamond-coated milling cutters

Diamond coated milling cutters on pre-milling unit provide higher precision, quality and longer service life.

Pro-nesting kit

Allows to process panels with holes and/or grooves. Improve versatility and efficiency by supporting a wider range of panel designs.

Different edges Same perfect finishing quality

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Go

Single side

Rover

Rover Edge Go S P



Compactness

A space-saving machine that combines all the essential features needed to produce high-quality products, in a minimal footprint.

Manual and NC operating groups

Manual operating groups versions for low-variability tasks, or NC-controlled groups for high-variability production.

Gentle with delicate finishing

High-quality and productivity kit specifically designed to handle even the most delicate panels with exceptional care, ensuring precise and safe operations without compromising the machine's speed.

Technology you can trust, value you'll appreciate

Equipped with the same operating units as upper class models to offer the best reliable solution.

Linear end trimming

Stand out from the market by processing panels without scratches, with a very high-quality finishing and a minimal panel gap.



Precision meets simplicity: The compact edgebanding solution for modern craftsmen

Compact and intuitive: Edge banding solution for the modern craftsman.

Compact single-sided edge banding machine for craftsmen and small companies looking for a compact and easy to use machine.

Guaranteed response: **Remote Assistance** you can rely on

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Invisible edge banding

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EVA-PUR

Different solutions to provide craftsmen with a versatile approach to meet different customer needs.

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Go

Single side

Stream

Stream Edge Pro S S P



High Productivity

Improved performance, thanks to high-speed working units and the fully automated solution, enables the processing of a large number of parts per shift, meeting all customer needs and maximizing productivity.

Automated Solutions

Stream Edge Pro S S P is an automated solution to ensure high level of flexibility and productivity.

Perfect square parts

Stream Edge Pro S S P is able to square panels dimensionally different between each other. This is the perfect solution when double side edgebander is not the right answer.

Water power

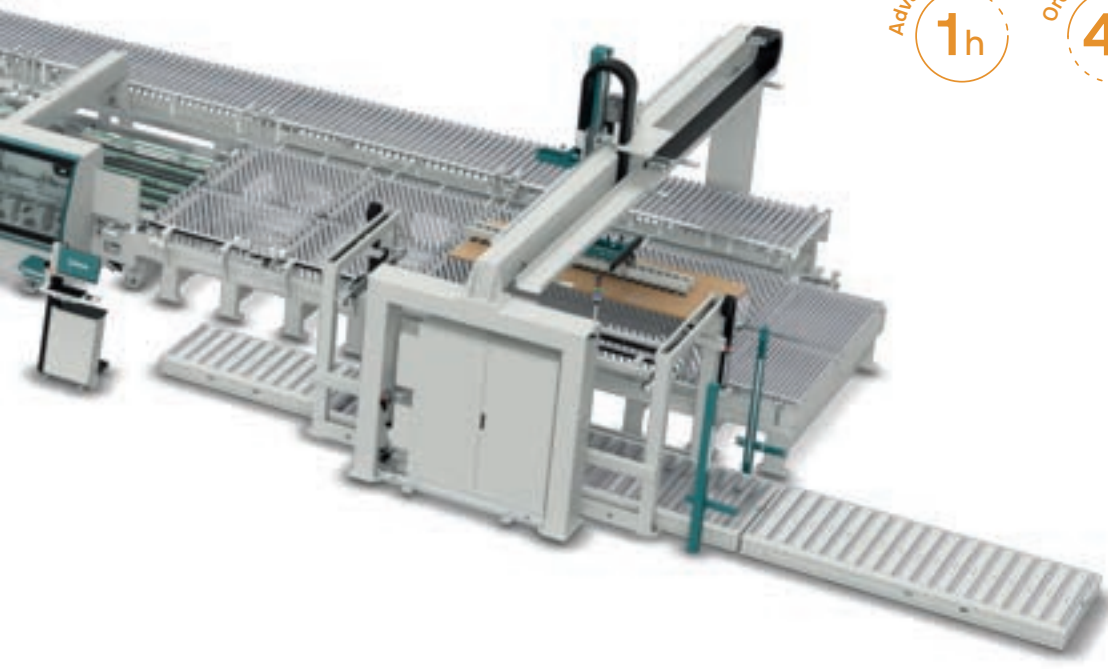
An innovative system for perfect bonding. Unique quality and high productivity for batch one flexible production...ensuring energy and CO₂ footprint saving.

The edgebanding game changer

Flexible Single-Side Edge Banding Machine with Squaring Module
 Optimizing performance with automated panel handling and precise squaring, delivering enhanced productivity, reduced downtime, and distinctive final quality.

Guaranteed response: Remote Assistance you can rely on

Remote assistance packages ensure fast technical response times and seamless. Machine Connectivity services to keep your operations running smoothly.



High End Quality

The best innovations and technologies at disposal to your manufacturing processes.

Water Power

An innovative system for perfect bonding. Unique quality and high productivity for batch one flexible production...ensuring energy and CO2 footprint saving.

Flexibility

Matching high variable production mix: colors, size and edge technology change panel by panel.

No-glue Technology

High quality products made by no-joint technology process.

High Productivity



Perfect square parts



Automated Solutions



Different edges Same perfect finishing quality



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Water Power



Single side

Stream

Stream Edge Up S



One person, full control: smarter use of man- power

Only one operator needed to manage an entire batch of panels.

Automatic return of pieces to reduce resources demand for a single process, letting the company engage operators on other tasks.

Not only panel returns

This edge banding loop can also be configured with a finished panel offloading station. This solution will increase flexibility and reduce processing times, relieving the operator from an additional task.

Smart edges management

ESM together with an edge container (2 or 6 positions) ensure the machine is always equipped and ready to use, handling a large variety of edges on one site.

Advanced statistics available to monitor and improve the production.

Continuous efficiency, nonstop results

Automatized edgebanding loop.

Single-sided edgebander with handling system to boost productivity.

Designed for customers willing to reach a continuous outcome over the day-shift.

Guaranteed response: Remote Assistance you can rely on

Remote assistance packages ensure fast technical response times and seamless. Machine Connectivity services to keep your operations running smoothly.



Up



Flexible and functional gluing unit

VC710 unit to provide users with a versatile approach to meet different needs.

Switch between glue types and different edge thicknesses without extra setup.

Located inside machine's cabinet to give the machine even more compactness, without losing functionalities.

Seamless process, continuous flow

Stream Edge Up SP-MT enables continuous loop processing of all four sides of panels with unmatched efficiency. Handle panels of varying sizes without interruptions, for consistent performance and precision.

Invisible edge banding

Air Force System delivers a superior finished product with nearly invisible joints offering greater resistance and durability.

One person, full control: smarter use of manpower





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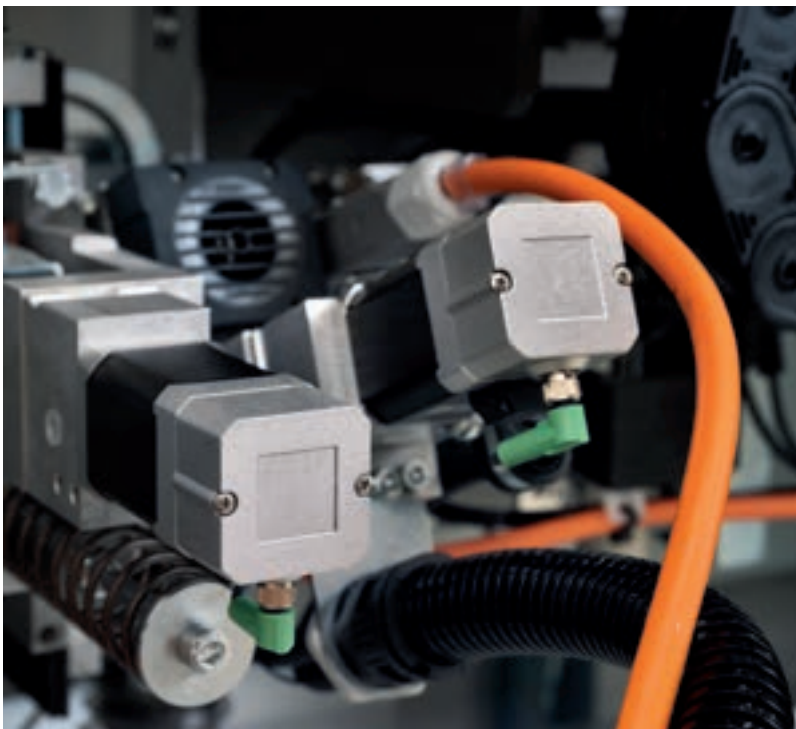
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Flexible and functional gluing unit



Up



NC operating groups

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Single side

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Stream Edge Up S P



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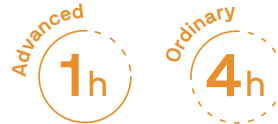
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Up

One gluing unit, multiple solutions

VC710 unit to provide users with a versatile approach to meet different needs.

Switch between glue types and different edge thicknesses without extra setup.

Located outside machine's cabinet gives enough space for maintenance and allows to have 2 pre-melters at the same time, for more autonomy and flexibility

Seamless process, continuous flow

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the \mathbb{R}^n -valued function \mathbf{f} is a solution of the system (1) if and only if \mathbf{f} is a solution of the system (2). The system (2) is called the *variational system* of (1) and is a linear system with constant coefficients. The matrix \mathbf{A} is called the *variational matrix* of (1).

Let \mathbf{f} be a solution of (1) and let \mathbf{g} be a solution of (2). Then $\mathbf{f} + \mathbf{g}$ is a solution of (1) if and only if \mathbf{g} is a solution of (2). This shows that the solutions of (1) are the sum of a particular solution of (1) and a solution of (2).

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