

Plast RANGE

machines for processing advanced materials



 **BIESSE**

Innovation is our driving force

Biesse Group, a multinational company and leader in the wood, glass, stone and metal processing sectors, is consolidating its presence in the machining of advanced materials thanks to custom made solutions for a growing sector.





Technology to create products for

- packaging,
- visual communication (signs, prints, etc.),
- construction (coverings for indoors and outdoors, soundproofing, etc.),
- industries (filters, seals, etc.),

machining solutions for expanded and compact plastics, cardboard and composite materials.

Plus technology developed for machining the more complex materials used in such sectors as

- aviation,
- aerospace,
- automobiles,
- nautical,
- construction,
- railways,
- medicine.

Made In Biesse

Biesse's cutting-edge technology meets the needs of operators who process plastic and composite materials with a full range of machining centres, beamsaws, water-jet cutting systems and sanders for machining operations of advanced materials.

Machining Centres



Rover Plast J FT



Rover Plast A FT



Rover Plast B FT



Rover Plast M5



Materia CL



Materia LD

Machining Centres



Materia FC



Materia MR



Materia XB

Water jet cutting systems



Primus Plast 202-322-324-326



Primus Plast 184

Panel saws



Selco Plast SK4



Selco Plast WN6

Vertical machining centres



Brema Plast Eko 2.1

Sanding



Viet Plast S211-S1-S2



Viet Plast Opera 5-7-R



Viet Plast Valeria



Viet Plast Narrow

Machining Centres Rover Plast

Rover Plast is a range of machining centres for artisans and medium to small industries which, thanks to innovative developments for the machining of advanced materials, has proven to be extremely reliable and competitive on the market.



Rover Plast J FT



Rover Plast A FT



Rover Plast B FT



Rover Plast M5

Performance without limits



The only solution for performing milling and cutting operations on technological materials. The tangential/oscillating blade, coupled with a camera for reading print markers, supports the full processing of materials for the graphic arts industry. The precision and quality of Rover's technology support the perfect execution of all machining operations typical of a processing centre.

ROVER TECHNOLOGY

The high technological content of the world's most popular machining centres meets the requirements of operators who process technological materials. A perfect combination of Biesse innovation and Italian genius.

Machining Centres Materia

The new Materia range of machining centres, designed for the machining of thermoformed plastics, composites and aluminium, offers a vast selection of technologies for the processing of materials considered complex because of their shape, size or the type of material used.



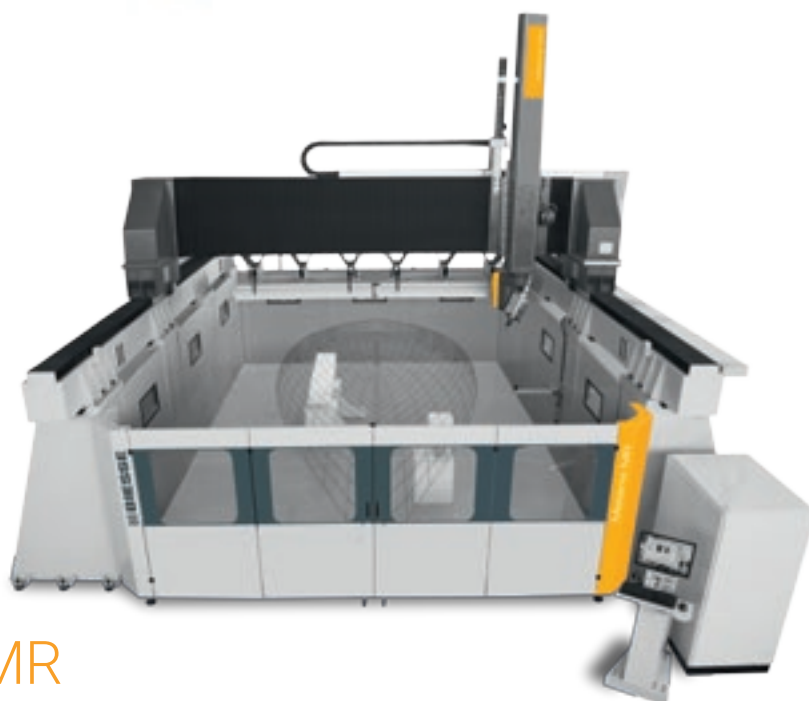
Materia CL



Materia LD



Materia FC



Materia MR



Materia XB

Creative Technology



High quality, precise electrospindles, several standard and optional systems depending on the material to be machined, three different numerical controls available including the Heidenhain iTNC 530 and the Siemens Sinumeric 840D model, which is in high demand in the automotive sector, a robust structure and a perfect blend of speed and precision. A variety of models to match every production need.

A close-up photograph of a metal drill bit with a multi-flute design, positioned diagonally across the frame. The bit is resting on a white, curved plastic component. In the background, a perforated metal mesh is visible, and the overall scene is brightly lit, creating soft shadows and highlights on the surfaces.

MATERIA TECHNOLOGY

The materia range stands out for being versatile, precise and dynamic. Numerical control machining centres that can handle very diverse plastics and composites, guaranteeing precision and reliability. A perfect combination of Biesse innovation and Italian genius.

Panel saws

Selco Plast is a range of single line panel saws that can meet the widest ranging production needs. Solutions for producing single pieces, small quantities and medium-sized batches.



Selco Plast SK4



Selco Plast WN6

Precision cutting

SELCO TECHNOLOGY

Selco beam saws' cutting-edge technology responds to the needs of operators who process technological materials. A perfect combination of Biesse innovation and Italian genius.

Water jet cutting systems

Primus Plast is the new waterjet range designed to meet the needs of companies that desire maximum versatility. These machines can cut any type of material and easily adapt to any production setting.



Primus Plast 202-322-324-326



Primus Plast 184

A close-up photograph of a waterjet cutting machine. A high-pressure nozzle is cutting through a white material, creating a circular hole. The machine's components are dark and industrial. A white hose is visible on the right side. The background is a bright, slightly hazy white.

The power
of water

PRIMUS TECHNOLOGY

The high technological content of Primus water-jet cutting systems meets the requirements of operators who process technological materials. A perfect combination of Biesse innovation and Italian genius.

Vertical machining centres

Brema Plast is the patented range of compact, versatile vertical machining centres that can handle formats of varying size and thickness, advanced materials, plastics and composites.



Brema Plast Eko 2.1

The background of the page is a close-up photograph of a vertical drilling machine. A metal drill bit is shown in the process of drilling into a metal workpiece. The machine's frame is grey, and there are green and yellow safety components visible. The lighting is dramatic, highlighting the textures of the metal and the precision of the machinery.

Incomparable solutions

VERTICAL DRILLING

The only patented vertical alignment technology on the market, equipped with devices dedicated to machining technological materials. A perfect combination of Biesse innovation and Italian genius.

Calibrating and Sanding machines

Viet Plast is the range of sanders that offers specific solutions for working composite, plastic foam or compact materials. A wide range of groups available, combined and repeatable within the machine allow you to calibrate, sand and glaze surfaces of various sizes.



Viet Plast S211-S1-S2



Viet Plast Opera 5-7-R

Even surfaces

VIET PLAST

Optimal quality, less waste and significant cost reduction. A wide range of finishing centres for machining advanced materials. A perfect combination of Biesse innovation and Italian genius.

Service & Parts

Direct, seamless co-ordination of service requests between Service and Parts.
Support for Key Customers by dedicated Biesse personnel, either in-house and/or at the customer's site.

Biesse Service

- ▶ Machine and system installation and commissioning.
- ▶ Training centre dedicated to Biesse Field engineers, subsidiary and dealer personnel; client training directly at client's site.
- ▶ Overhaul, upgrade, repair and maintenance.
- ▶ Remote troubleshooting and diagnostics.
- ▶ Software upgrade.

500 / Biesse Field engineers in Italy and worldwide.

50 / Biesse engineers manning a Teleservice Centre.

550 / certified Dealer engineers.

120 / training courses in a variety of languages every year.

The Biesse Group promotes, nurtures and develops close and constructive relationships with customers in order to better understand their needs and improve its products and after-sales service through two dedicated areas: Biesse Service and Biesse Parts.

With its global network and highly specialised team, it offers technical service and machine/component spares anywhere in the world on-site and 24/7 on-line.



Biesse Parts

- ▶ Original Biesse spares and spare kits customised for different machine models.
- ▶ Spare part identification support.
- ▶ Offices of DHL, UPS and GLS logistics partners located within the Biesse spare part warehouse, with multiple daily pick-ups.
- ▶ Order fulfilment time optimised thanks to a global distribution network with de-localised, automated warehouses.

87% / of downtime machine orders fulfilled within 24 hours.

95% / of orders delivered in full on time.

100 / spare part staff in Italy and worldwide.

500 / orders processed every day.

Made **With** Biesse

Biesse technology and creativity by Action Giromari.

Action Giromari is a creative workshop that has been working with laser branding and engraving for over 20 years. Developed at a time when globalisation and, to some extent, standardisation were hallmarks of the global culture and economy, the company offered the market a chance to preserve and strengthen the personal aesthetic of creatives, designers and companies.

The company stands out for its ability to work with any type of material.

"We don't develop a single category of products. Rather, thanks to the wide variety of materials we work with and the varied technologies we use, we are able to tailor any project, both for small scale and mass production. We develop stands, signs, branding products and

anything that relates to visual communication. Other products include coverings, countertops and custom made interior design products for stores. We also work with several architects, who send us their designs. Our clients mainly ask us to design and create products that highlight their identity as a company to help them stand out on the market through creativity and design," Raffaele Bastianoni, the company owner, explains.

Action Giromari handles every phase of production itself, from prototyping to engineering to packaging, every single step is inspected first hand. Numerical control technology allows Action Giromari to cut, mill, score and shape each piece. The steps that follow (assembly,

gluing...) all the way to final finishing, are exclusively carried out by hand.

"Biesse technology plays a key role in allowing us to be more versatile and offer ad hoc solutions. Thanks to the new Rover Plast M5 purchased in May 2016 we have increased our production of complex shapes and 3D objects: unique products that have great value on the market. When we chose Biesse, an Italian company that offered reliability and know how, we weren't simply interested in the new numerical control milling cutter, rather we acquired a veritable partnership. We consider Biesse a strategic partner for Giromari's technological development" Bastianoni says in closing.



www.actiongiromari.it



Upm Modena: from the concept to the finished product.

Matthew Galdi is the commercial director of Upm, the Modena-based company that has been operating for over seventy years in the visual communications and illuminated sign sector, as well as more recently in the general contractor industry. "We are able," states Galdi "to offer turnkey solutions, from concept to

finished product, tailored to the needs of our customers. We manage all design, technical, bureaucratic and logistics aspects with a winning combination of highly-qualified technical and graphics staff, who work with advanced tools, cutting-edge technologies and innovative materials." Biesse has played a de-

cisive role in transforming Upm's commitment to innovation into a reality: "We had always used machines that could be defined as slightly 'niche'. Then, we decided to equip ourselves with a more technologically-advanced and powerful machine: and we found the perfect solution with Biesse Group".



www.upm-italy.com





BIESSEGROUP

 **BIESSE**

 **INTERMAC**

 **DIAMUT**

MECHATRONICS

In 

1 industrial group, 4 divisions and 9 production sites

How 

€ 14 million p/a in R&D and 200 patents registered

Where 

37 branches and 300 agents/selected resellers

With 

customers in 120 countries: manufacturers of furniture, design items, and door/window frames, producers of components for the building, nautical and aerospace industries

We 

3800 employees throughout the world

