

PIONEERS
IN PRECISION
ENGINEERING
WORLDWIDE



VISOTTICA
GROUP



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WHO WE ARE

ITALIAN HERITAGE, WORLDWIDE VISION

With more than 70 years of experience, the Visottica Group stands out as a unique technology hub specialising in the production of components for various sectors in metal, plastic, and other materials. Our creativity, engineering expertise, and commitment to excellence are the hallmarks that set us apart.

We work closely with our customers, understanding their needs and offering flexible and innovative solutions. Our constant commitment to innovation results in high-quality components that meet the most demanding specifications.



VISOTTICA GROUP

VISOTTICA INDUSTRIE S.P.A.

Visottica Industrie S.p.A., founded in 1947, is the parent company of the Visottica Group. Leader in the eyewear components market, in addition to the many items in its catalogue, it manufactures customised products for different types of frames, from metal to acetate, from injection to wood. Its custom products of excellence are also intended for other sectors such as fashion accessories and mechanical components.

Quality Management System (ISO 9001:2015) certified since 1998.

COMOTEC OPTICAL PRODUCTS LTD.

Optical Products (Dongguan) Ltd has served as the Chinese headquarters for the Visottica Group since 2016. The plant, entirely designed to optimise production flow, guarantees quality and efficiency in keeping with the high standards of the Group. Boluo Comotec Surface Treatment Company Ltd, since 2015, is the automatic plant for the galvanic treatment of its components.

Quality Management System (ISO 9001:2015) certified since 2024.

O'REILLY INDUSTRIAL LTD.

O'Reilly Industrial Ltd, since 2010, is the holding company of the industrial activities in China and distribution company of the Visottica Group in Asia.

Quality Management System (ISO 9001:2015) certified since 2024.

OOKII S.R.L.

Ookii S.r.l., part of the Visottica Group since 2017, specializes in the production of metal moulds and small parts. Furthermore, with the acquisition of Matrix, today the company is a pioneering manufacturer of MIM (Metal Injection Molding) and CIM (Ceramic Injection Molding) components. These highly technological moulding processes make it possible to produce complex geometric parts in either metal or ceramics.

Quality Management System (ISO 9001:2015) certified since 2007.

EURODECORI S.R.L.

Eurodecori S.r.l., part of the Visottica Group since 2020, designs and manufactures products made of Zamak. The company is passionately committed to creating components that stand out for their exceptionally high-quality finish. Every detail is carefully and precisely crafted to achieve a surface quality that exceeds conventional standards.

Quality Management System (ISO 9001:2015) certificates since July 2023.

ETHOS S.R.L.

Ethos S.r.l., part of the Visottica Group since 2022, specializes in high-quality galvanic processing. Leveraging a strong background in the jewellery industry, they have successfully extended this expertise into the fashion and eyewear sectors as well.

IDEAL S.R.L.

Ideal S.r.l., part of the Visottica Group since 2023, designs and manufactures components for the eyewear industry. From the very beginning, technological innovation, research, and development have been the company's primary objectives, ensuring a comprehensive offering that includes all types of metal components.

Quality Management System (ISO 9001:2015) certified since 2006.

Quality Management System (ISO 14001:2015) certified since 2015.

OVER 70 YEARS EXPERIENCE



OUR MISSION

Visottica Group has always been about looking above and beyond: envisioning the future of our business, and also that of our people, the environment, and the Planet.

This is how we have grown since the beginning. This is where we will always be heading: forward. In this new phase, we aim to continue to be the world leader in precision micromechanics, not only for the eyewear industry.

OUR FUTURE

Visottica Group believes in responsible innovation to continuously deliver excellence, generating sustainable growth for our customers, our people, the planet, and future generations.

A family-owned company, Visottica Group champions work ethics, equity, and inclusion. We promote the creation of shared values and environmental consciousness.

Research and life-long education are precious tools that allow our company to lead by creating low- impact, honest and reliable solutions in line with our sustainable journey.

OUR VALUES

The values we share within the Visottica Group are deeply rooted in our corporate DNA from the very beginning. We are committed to providing ongoing customer service, leveraging our extensive knowledge and expertise.

With our advanced specialization, we meticulously oversee every stage of the product realization process, ensuring prompt responses and offering tangible solutions. Over the years, our unwavering dedication to these principles has fuelled our growth and enabled us to consistently deliver on our promises to customers, suppliers, and collaborators.

EXCELLENCE

We strive to improve continuously, offering the best products and delivering the best services with the constant goal of giving our customers total satisfaction. We are committed to reliable lasting goods and services via our ongoing investment in technology, continuous training, and compliance with the highest industrial standards working with precision and expertise.

BRAND AWARENESS

We believe in our brand values, and aim to continue to adopt the Group principles with all internal and external stakeholders. Our mission is to promote awareness of both our product quality and our service reliability. Awareness among our employees, who are the ambassadors of our values, as well as among customers and suppliers.

TRANSPARENCY

We aim to continuously offer the best solution in the most honest and transparent way, along the entire production chain. We are committed to building a long-term relationship with our employees, customers and suppliers, based on the clear sharing and alignment of our targets and values.

CARE FOR PEOPLE

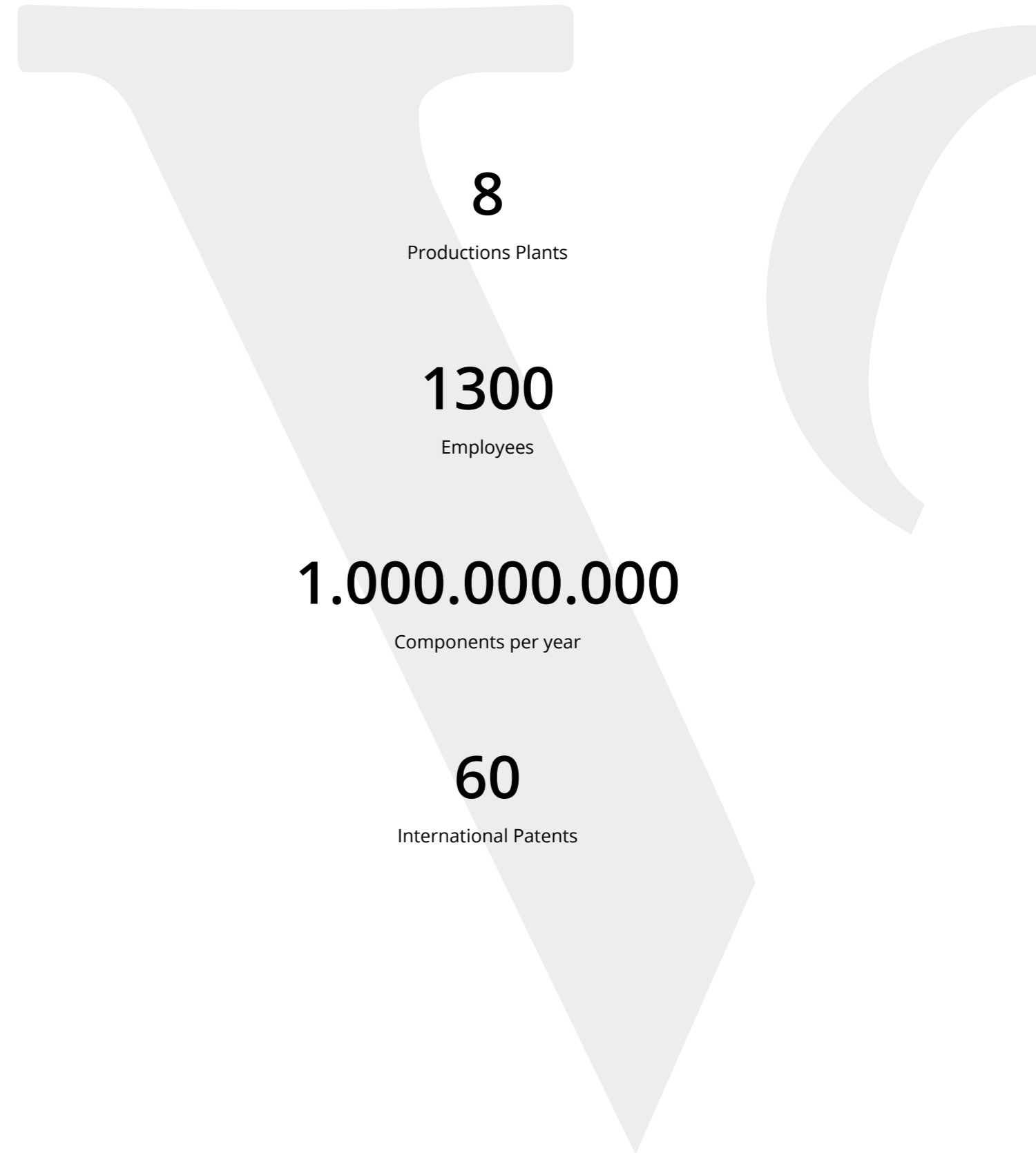
We take care of people by encouraging harmonious development within and around the Group, in balance with the community. We are committed to carrying out the ethical principles of inclusiveness and equal opportunity, positively influencing people's lives at all levels of our value chain.

INNOVATION

We believe in the future and in innovation. We are committed to creating new opportunities for the industry by nurturing talent, exploring new solutions and technologies, by offering appropriate training and opportunities for professional growth, as well as research and development programmes oriented towards the future, the business and the planet.

LOW IMPACT

Promoting and encouraging respect for the planet and future generations is at the top of the group's priorities. Visottica has chosen to follow a concrete, transparent and forward-looking path of sustainable development, starting from the basics and aiming to make meaningful change over the long term.

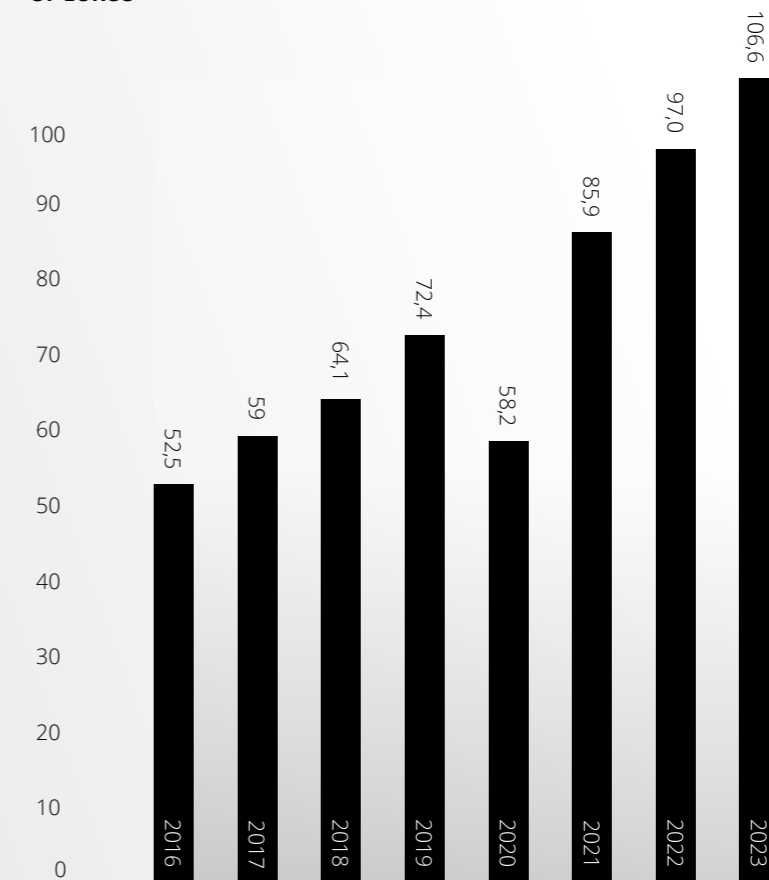


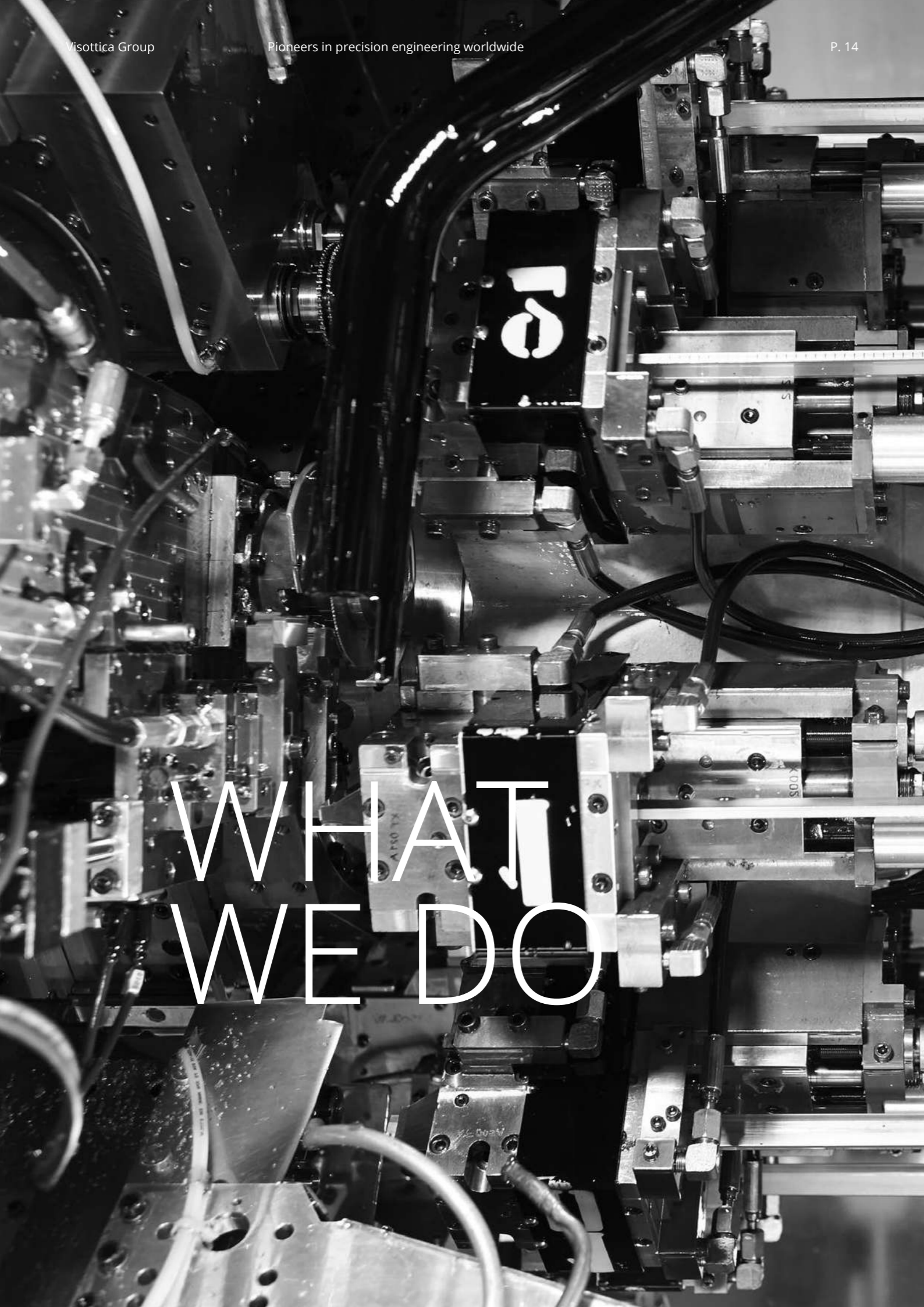
OVER 50
COUNTRIES
SERVED



TURNOVER

MILLIONS
OF EUROS





WHAT
WE DO

TECHNOLOGICAL OFFER

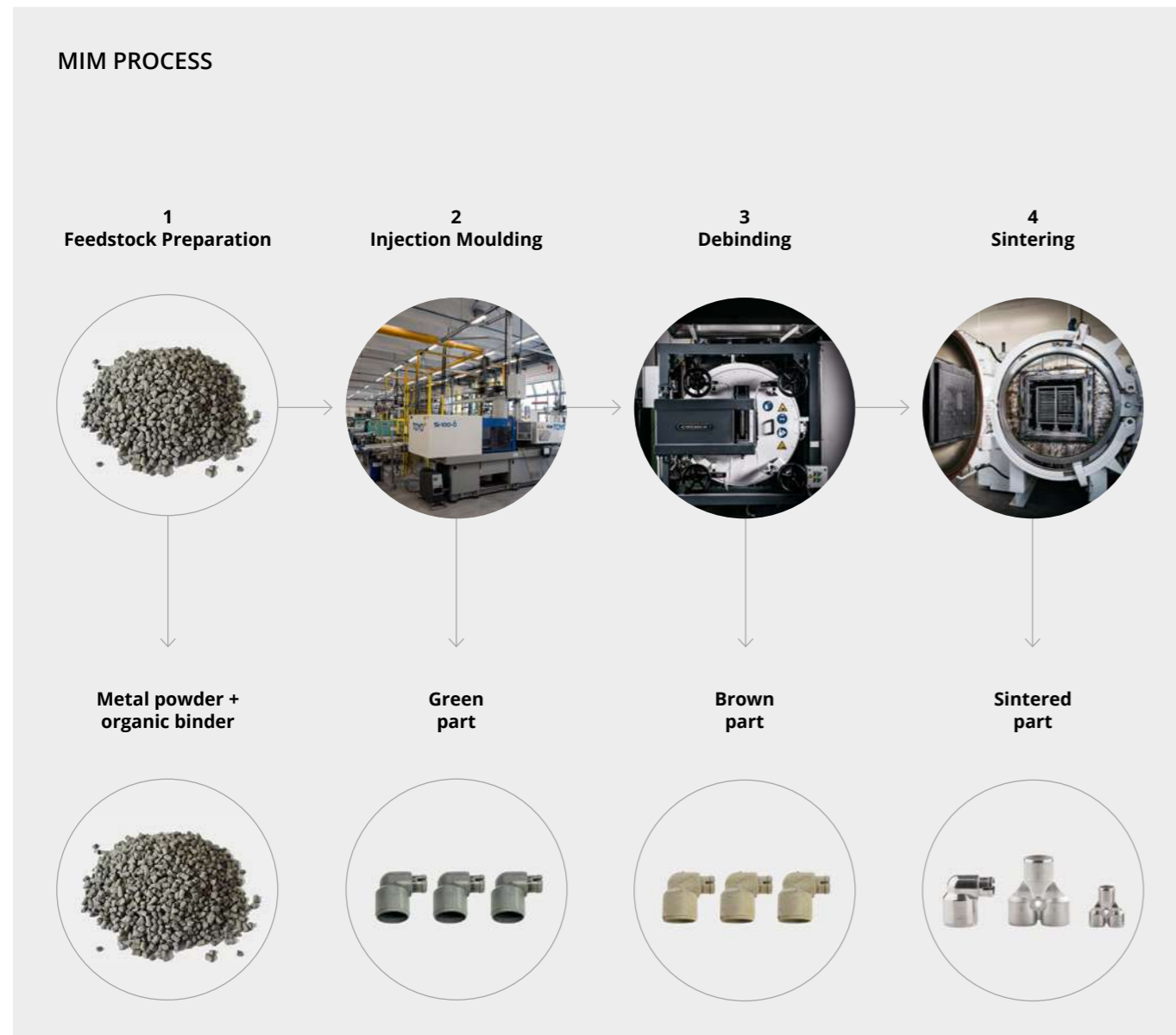
Visottica Group stands out for its complete and integrated production chain and the possibility of working with a wide range of materials, allowing us to offer productive and innovative technical solutions.

MIM METAL INJECTION MOLDING

MIM technology is a key component within the Visottica Group. This advanced moulding method enables the production of structural metal components characterised by high geometric complexity. The effectiveness of MIM technology ensures a high level of precision and excellent quality of the finished product. The process allows you to obtain components with mechanical properties like those of a material machined from bar, guaranteeing a material density of up to 99%. This value is higher than what can be achieved by the traditional sintering process. Furthermore, these components often do not require additional processing with machine tools, helping to minimise material waste.

MIM OFFERS SIGNIFICANT ADVANTAGES, INCLUDING:

- high material density and mechanical strength;
- easier production of complex shapes, minimising or eliminating the need for additional processing;
- freedom in designing and the possibility of obtaining shapes that would be cost-prohibitive with other types of processing;
- dimensional accuracy with close tolerances of +/- 0.5%;
- diverse range of alloys and composites (e.g. AISI 316L, 17-4PH, FN02, FeSi3, PANACEA);
- economic efficiency for medium to high production volumes;
- ability to produce high-quality surface finishing.



PRODUCTION CYCLE

- 1. FEEDSTOCK PREPARATION.** Everything starts with feedstock, a mixture of micrometric metal powders (less than 25 microns) combined with an organic material. This mixture, cooled and granulated, guarantees the consistency, quality and dimensional repeatability of the parts produced.
- 2. INJECTION MOULDING.** Metal Injection Moulding involves the use of an injection moulding machine, through which feedstock is fed into a metal mould (single or multi-cavity, simple or complex). Injection into the mould is guaranteed by the addition of a binding agent, consisting of a mixture of different plastic components such as polymers, waxes, and additives.
- 3. DEBINDING.** The next step, de-binding, is a thermal process that sublimes approximately 90% of the binding agent present in the component.
- 4. SINTERING.** Finally, the sintering process compacts the metal powder, resulting in components with densities of up to 99%.



Parameters	MIM	Sintering	Fusion	Machining	Moulding
Density	98%	86%	98%	100%	100%
Tensile Strength	high	low	high	high	high
Surface Finish	high	medium	high	high	high
Miniaturization	high	medium	medium	medium	high
Thin Wall Capability	high	medium	low	low	high
Complexity	high	low	high	high	low
Design Flexibility	high	medium	medium	medium	low
Product Quantity	high	high	medium high	medium high	high
Material Range	high	high	high	high	medium
Accessibility	high	high	high	high	high

TURNING AND MILLING

Our expertise in Turning and Milling allows us to produce turned and milled components with complex shapes and precise details. Processing from light alloys to the hardest metals, we guarantee tight tolerances and flawless finishing.

WORKABLE MATERIALS

- Stainless steels
- Automatic steels
- Nickel Silver
- Brass
- Aluminium
- Titanium

AVAILABILITY OF MACHINERY

- CNC sliding headstock lathes and CNC milling cutters with workable diameters from Ø2mm to Ø35mm.
- multi-bar and single-profile transfers
- mechanical lathes for screws and micro screws with diameters from 1mm up to 10mm



ZAMAK DIE-CASTING

Zamak die-casting, (Zamak acronym for Zinc, Aluminium, Magnesium, Copper in German), is a production process used within the Group for the manufacturing of metallic components. This alloy is primarily composed of high-purity zinc mixed with small percentages of aluminium, magnesium, and copper.

In this process, the molten material is injected into a high-pressure mould and solidified during cooling. This technology offers high dimensional accuracy, high-quality surface finishing and the ability to produce complex thin-walled parts.

The die-casting process is widely used in various industries for the efficient production of metal components due to its highly automatable nature. Thanks to the advanced technological and qualitative standards achieved by equipment and machinery, the parts produced by die-casting offer tight dimensional tolerances and superior surface finishing compared to other foundry processes.



ZAMAK DIE-CASTING OFFERS SIGNIFICANT ADVANTAGES, INCLUDING:

- low melting temperature and reduced energy costs;
- high precision and tight dimensional tolerances;
- quality surface finishing;
- thermal and electrical conductivity;
- fully recyclable material.



MICROMECHANICS
EYEWEAR
FASHION
SPORTS
MEDICAL
FOOD
AUTOMOTIVE
MODEL BUILDING
AEROSPACE
FURNISHING
OLEODYNAMICS
SAFETY
FURNITURE
ELETRONICS
WATCHMAKING

OUR SECTORS

R&D OFFICES

The research and development offices are diligently committed to various areas, including product innovation, the exploration of new materials, investigation into production processes and technologies, ongoing verification of product characteristics and mechanical performance, intellectual property protection, and compliance.

TECHNICAL OFFICES

Highly skilled technicians play a crucial role in our process. Design is the foundation of every product realization. We can design and concurrently industrializing a component based on any available information, whether it's an idea, a prototype, or a 2D or 3D file.

RAPID PROTOTYPING

Rapid prototyping is a revolutionary technology that enables the creation of objects with intricate geometries in significantly reduced timeframes. It begins with a mathematical definition of the object on a three-dimensional CAD model, and through an innovative approach, the object is constructed layer by layer, converting the three-dimensional challenge into a two-dimensional process. This captivating process harmonizes design creativity with technological precision, unveiling fresh avenues for prototype development.

WORLDWIDE INTEGRATED LOGISTICS SERVICE

Thanks to our locations in Italy and Asia, as well as the adoption of the Vendor Managed Inventory (VMI) system, we can provide customers with highly efficient warehouse management. Through advanced planning and close collaboration, we optimize inventory management to ensure swift and efficient distribution of products.

SALES OFFICES

Our sales offices ensure continuous service to the customer, leveraging our extensive knowledge and experience. With advanced expertise, they carefully oversee every phase of the product development process, providing timely responses and concrete solutions.



VISOTTICA
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Find out more

