

PIONEERS
IN PRECISION
ENGINEERING
WORLDWIDE



VISOTTICA
GROUP



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WHO WE ARE

ITALIAN HERITAGE, WORLDWIDE VISION

Founded in 1947, Visottica Industrie S.p.A. is the parent company of Visottica Group, a leader in eyewear components.

With over 70 years of experience, the Group stands as a unique technological hub, specializing in the production of components for the eyewear, fashion accessories, and industrial sectors. Our strength lies in creativity, expertise, and engineering, combined with a constant commitment to innovation and excellence.

We work side by side with our clients, understanding their needs and delivering innovative solutions designed to 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

For over 70 years we have defined perfection in precision micromechanics. Our commitment is to extend our leadership beyond eyewear, while promoting a sustainable future centered around shared value.

OUR FUTURE

We want to continue offering excellent products and services through transparent and responsible innovation, respecting ethical working practices, inclusion and equity, while generating harmonious growth for collaborators, customers and future generations.

OUR VALUES

The values we share at the Visottica Group, which are rooted in the company's DNA, have guided our daily actions and growth since the company was founded, following the example of integrity and dedication of the Montalban family.

EXCELLENCE

We are committed to achieving excellence in every product and service, adhering to the highest industrial and precision standards. Through research, the use of increasingly innovative technologies and continuous training, we aim to maintain customers' complete satisfaction and trust.

TRANSPARENCY

We want to offer the best solutions with maximum transparency at each phase of the process, and to build long-term relationships with all our stakeholders based on the clear sharing of targets and values.

INNOVATION

We firmly believe in innovation and the future, so we invest in new technologies and continuous training, promoting research and development and encouraging the professional growth of our collaborators.

BRAND STRENGTH

The strength of our brand resides in the coherence and integrity with which we operate. We want to preserve and strengthen our reputation by communicating the values, the quality of our products, and the reliability of the Visottica Group's service to all stakeholders.

FOCUS ON PEOPLE

Dedicated to people's well-being, we promote harmonious development within and around the Group, in tune with the community. We are committed to supporting inclusion and equal opportunities, contributing positively to the social impact of our value chain at all levels.

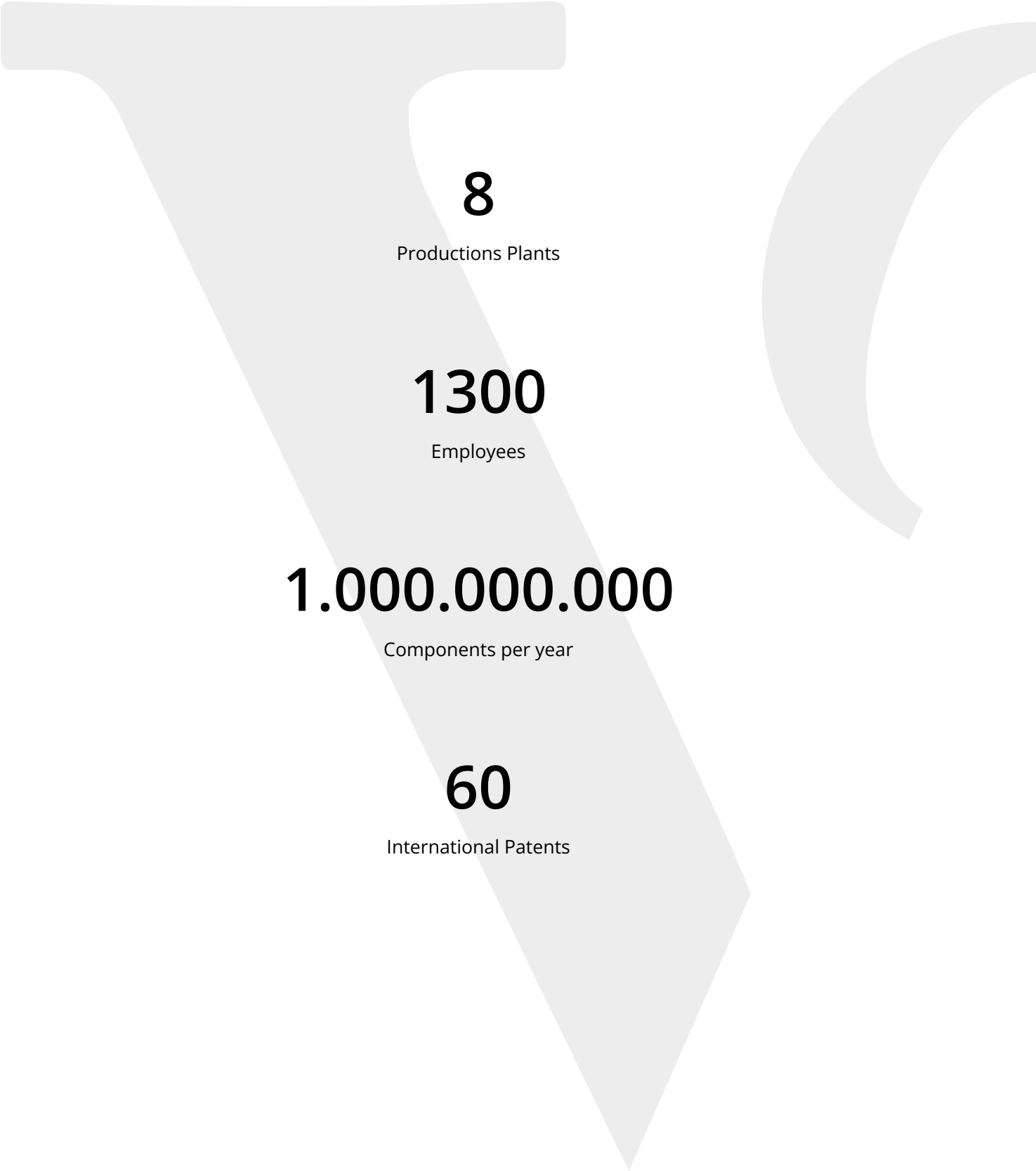
FOCUS ON THE ENVIRONMENT

We adopt a responsible approach to the environment through a clear and concrete sustainable development strategy. Our objective is to promote practices that respect the Planet for future generations, striving for long-lasting and significant impact over time.



OUR SET-UP

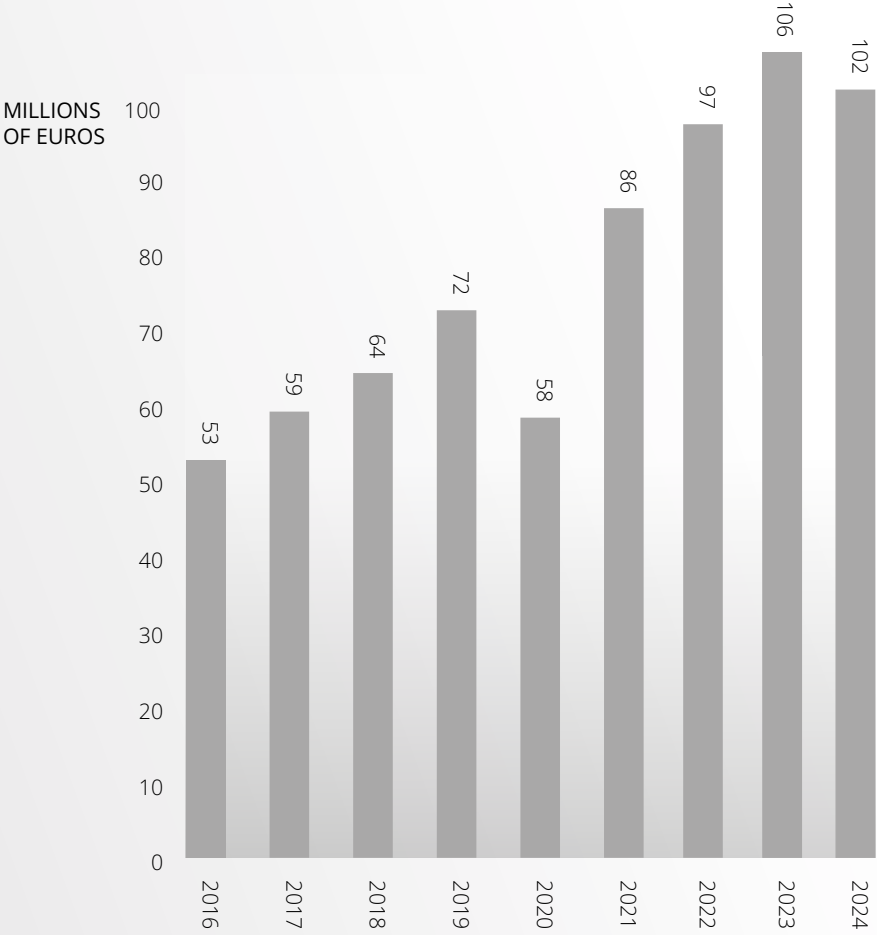
The Group, with its headquarters in Susegana, has 8 production sites. A total of 1,300 people are employed, with over 1 billion components manufactured and marketed each year, generating a turnover of more than 100 million euros.



OVER 50
COUNTRIES
SERVED



TURNOVER
VISOTTICA
GROUP



WHAT WE DO

TECHNOLOGICAL OFFER

Visottica Group excels with a fully integrated manufacturing process and unmatched expertise across a wide range of materials. This synergy drives innovation and delivers cutting-edge technical solutions.

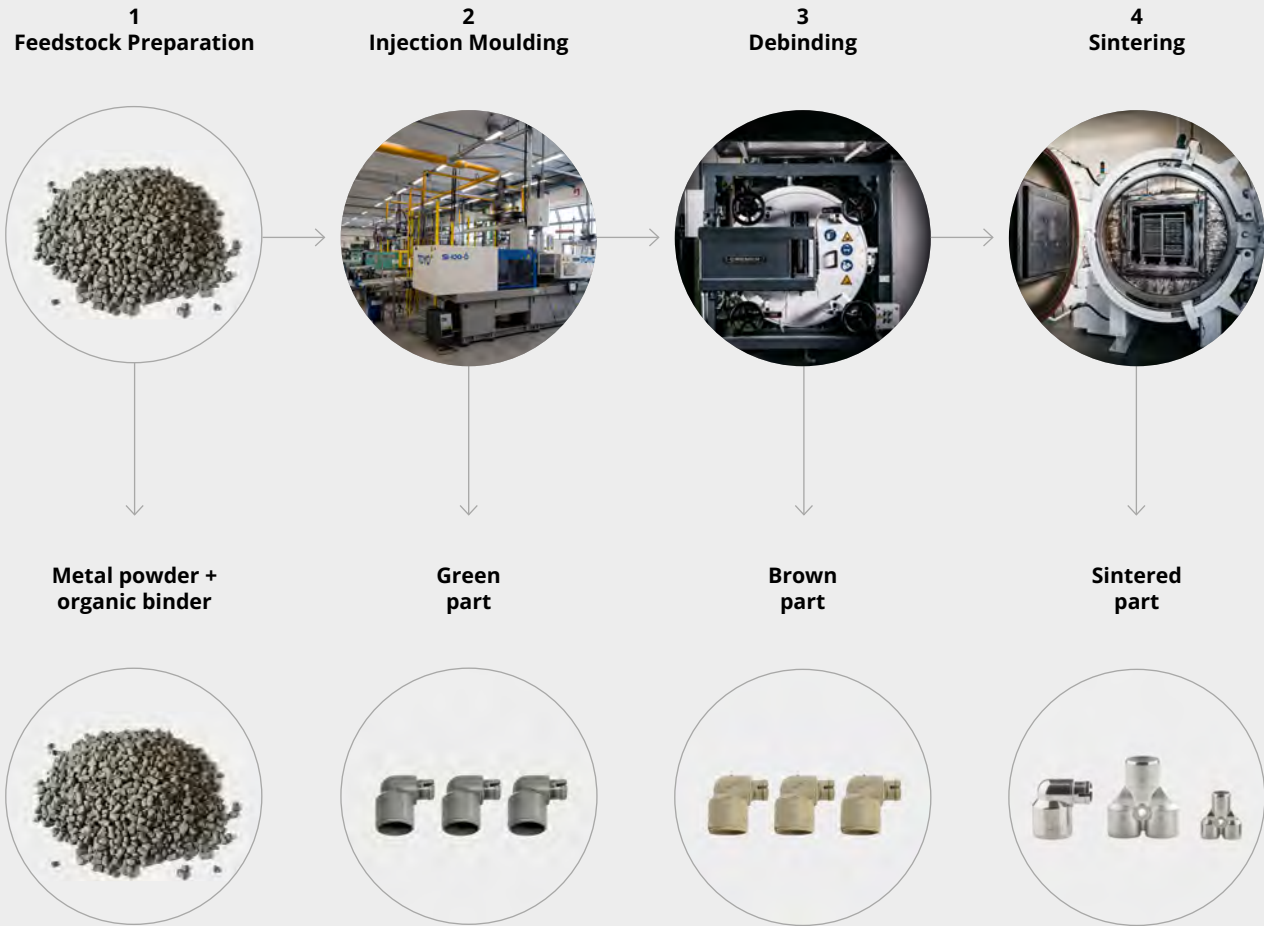
MIM METAL INJECTION MOLDING

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.

MIM PROCESS



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 sublimates 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

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.

SUSTAINABILITY

THE VISIBLE JOURNEY

Our vision is focused on integrating sustainability into everything we do, contributing to a better future in the eyewear industry and the sectors in which we operate. Our commitment *The Visible Journey* is defined by transparency, innovation, honesty, and integrity.

We would like for every stakeholder to feel like the protagonist in the journey towards positive change and, for this reason, we encourage open and transparent dialogue, where we share our challenges, goals and projects for the future.



THE VISIBLE JOURNEY FOR THE PEOPLE

The development and engagement of our employees are key elements that guide the visible journey towards long-term success.

THE VISIBLE JOURNEY FOR THE PLANET

In our path to a more sustainable future, we are aware that the fight against climate change has become essential for protecting our planet and future generations.

THE VISIBLE JOURNEY FOR THE COMMUNITY

At Visottica Group, we actively undertake to support and take part in social, cultural and sports initiatives with a positive impact on the territory.



Discover more about our sustainability journey —
The Visible Journey



VISOTTICA
GROUP

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Find out more

