



COMPANY PROFILE

Founded in 1973, **Eco-Plast** has grown from a modest workshop into a prominent player in the plastics industry, boasting a rich and dynamic history. Over the decades, the company has significantly evolved, skillfully leveraging its extensive experience and technical expertise to establish itself as a leader in the field. Known for its unwavering commitment to professionalism and innovation, Eco-Plast continuously invests in cutting-edge technologies and state-of-the-art machinery to stay at the forefront of the industry.

Eco-Plast offers a **comprehensive range of services**, meticulously designed to meet the diverse needs of its clients. This includes **design, mold manufacturing, stamping, and finishing** services. Their capabilities span various advanced techniques, including **direct injection, 2K molding** (double injection), and **gas-assisted printing**, enabling the production of complex and high-quality components. Additionally, their finishing services, such as **screen printing, pad printing, and hot stamping**, allow for the customization of products, ensuring that every item meets specific aesthetic and functional requirements.

A hallmark of Eco-Plast's success is its dedication to **continuous improvement** and innovation. This commitment is evident in their regular **staff training programs**, which ensure that employees remain highly skilled and informed about the latest industry advancements and best practices. By fostering a culture of learning and development, Eco-Plast empowers its workforce to adapt to evolving market demands, thereby enhancing the company's competitive edge.

With a dedicated team of over **75 skilled employees**, Eco-Plast provides tailored solutions across a variety of sectors. These include **household appliances, electro-medical equipment, agricultural products**, and other industrial applications. Their ability to customize products and services to meet the unique needs of each sector has earned Eco-Plast a reputation for reliability and excellence.

The company's unwavering commitment to quality has allowed Eco-Plast to establish a robust presence both in Italy and internationally. Today, Eco-Plast operates in **27 countries** across the **USA, Europe, Asia, and Africa**, effectively serving a diverse global market. The Household division, featuring the well-respected brands **Biesse** and **Robex**, has been particularly successful in positioning the company as a leader in both domestic and global markets, reflecting its capacity for innovation and quality.



SUSTAINABILITY

Eco-Plast is committed to environmental sustainability, reflecting its dedication to minimizing its ecological footprint through a range of green practices:

Efficient Production Cycle: Eco-Plast has optimized its production processes to enhance efficiency and reduce waste. This includes the use of advanced technologies and methodologies that streamline operations, lower energy consumption, and minimize material waste. By continuously improving their production cycle, the company ensures that resources are used in the most efficient manner possible.

Electricity from Renewable Sources: In line with its commitment to reducing greenhouse gas emissions, Eco-Plast sources its electricity from renewable energy sources. This shift to green energy helps to decrease the company's overall carbon footprint and supports broader environmental goals. By investing in renewable energy, Eco-Plast not only contributes to cleaner energy solutions but also demonstrates leadership in environmental responsibility.

Circular Economy: Eco-Plast embraces the principles of a circular economy, which focuses on the sustainable use of resources through recycling and reuse. The company implements practices that allow materials to be reclaimed and repurposed, thereby extending their lifecycle and reducing waste. This approach not only helps in conserving natural resources but also minimizes environmental impact by promoting the efficient use of materials throughout their lifecycle.

Waste Management and Recycling: As part of its environmental strategy, Eco-Plast has established robust waste management systems that prioritize recycling and proper disposal of waste. This includes segregating waste streams, recycling plastics, and reducing landfill contributions. The company's proactive approach to waste management ensures that materials are handled responsibly and that recycling targets are met.

Eco-Friendly Materials: Eco-Plast is committed to using environmentally friendly materials in its products and processes. This includes selecting materials that are recyclable, biodegradable, or have a lower environmental impact compared to traditional options. By incorporating sustainable materials, Eco-Plast enhances the eco-friendliness of its products and reduces their environmental footprint.

Employee Training and Engagement: Recognizing the importance of collective effort in achieving environmental goals, Eco-Plast invests in training programs to educate employees about sustainable practices. This includes raising awareness about environmental issues, encouraging eco-friendly behaviors, and involving staff in sustainability initiatives.

Continuous Improvement: Eco-Plast is dedicated to continuous improvement in its environmental practices. The company regularly reviews and updates its sustainability strategies to incorporate new technologies, practices, and regulations.



MACHINERY & SKILLS

Machinery and Capabilities

Injection Moulding

- **Thermoplastic and Bi-Component Injection Moulding:** Eco-Plast Srl operates a diverse fleet of 20 injection moulding machines designed for processing both thermoplastic materials and bi-component (two-material) systems. This range of machines, with tonnage capacities from 80 to 1100 tons, allows for the production of parts across a wide spectrum of sizes and complexities. This flexibility supports the creation of intricate and large-scale components suited for various applications.
- **Gas Assisted Moulding:** Utilizing advanced gas-assisted moulding technology, Eco-Plast Srl can produce parts with complex geometries while reducing material usage and weight. This method is particularly effective for manufacturing hollow or lightweight components, optimizing material efficiency and reducing production costs.

Printing and Finishing Division

Screen Printing

- **Advanced Screen Printing:** Eco-Plast Srl is equipped with cutting-edge screen printing machinery capable of handling a variety of substrates and surface types. This allows for high-quality, durable prints on both small and large appliances, as well as technical and decorative details of various shapes and sizes.

Pad Printing

- **Multi-Color Pad Printing:** The company's pad printing capabilities extend to up to 6 colors, enabling detailed and vibrant prints on plastic surfaces. This technique is ideal for applying intricate designs, logos, and text on small to medium-sized components with high precision.

Hot Stamping

- **Versatile Hot Stamping:** Eco-Plast Srl offers both up-down and roll-on hot stamping services. This technique applies metallic foils and custom colors to plastic parts, enhancing their aesthetic appeal and surface durability. Hot stamping is particularly effective for adding decorative elements and branding.

Ultrasonic Welding

- **Precision Ultrasonic Welding:** The company employs ultrasonic welding technology to join plastic parts with high accuracy and strength. This method ensures strong, seamless bonds without the need for adhesives or mechanical fasteners, making it ideal for assembling components that require a clean and robust connection.

Assembly and Packaging

Assembly Services

- **Dedicated Assembly Area:** Eco-Plast Srl operates a specialized assembly space within its facility, dedicated to the integration of various components into finished products. This area is equipped to handle a range of assembly processes, from simple component joining to complex multi-part assemblies.
- **Professional and Accurate Processes:** The assembly operations are carried out with a high level of professionalism, ensuring that each product meets precise specifications and quality standards. The company's attention to detail in the assembly process guarantees that all components fit together seamlessly and function as intended.

Packaging

- **Full Product Packaging:** After assembly, Eco-Plast Srl manages the complete packaging of finished products. This includes designing and producing packaging solutions that protect the products during transit and provide a professional presentation. The company's packaging processes are designed to ensure that products arrive at their destination in optimal condition.

Custom Finishing

Chroming and Customized Colors

- **High-Quality Finishing Options:** Eco-Plast Srl collaborates with various clients to offer a range of finishing options, including chrome plating and customized colors. This capability allows for the production of aesthetically enhanced products that meet specific client requirements and industry standards.
- **Tailored Solutions:** The company's ability to provide custom finishes ensures that clients receive products that not only perform well but also meet their design and branding needs. This flexibility in finishing options supports diverse applications across different sectors.



QUALITY SYSTEM

Eco-Plast places a strong emphasis on customer satisfaction and maintains stringent control over its production processes to ensure high-quality outcomes. The company employs a comprehensive quality assurance system supported by a variety of tools and practices:

Quality Assurance Tools

- **Floor Control of Product:** Eco-Plast implements rigorous floor control measures to monitor product quality throughout the production process. This involves regular inspections and assessments at various stages of manufacturing to ensure that all products meet the specified standards.
- **Approval of Beginning Production:** Before commencing production, Eco-Plast ensures that all necessary approvals are obtained. This step includes verifying that all designs, materials, and processes are in alignment with customer requirements and quality standards.
- **Written Instructions for Work and Packaging:** Detailed written instructions are provided for both work and packaging processes. These instructions guide operators in maintaining consistency and adhering to quality standards, ensuring that each product is manufactured and packaged correctly.
- **Registration Cards for Attributes:** Eco-Plast uses registration cards to document and track key attributes of products. This helps in maintaining accurate records of product specifications and quality parameters, facilitating traceability and accountability.
- **Control Cards X / R:** Control cards are employed to monitor and record critical quality parameters during production. These cards help in identifying deviations from standards and implementing corrective actions promptly.
- **Good Manufacturing Practices (GMP):** The company follows Good Manufacturing Practices (GMP) to ensure that products are consistently produced and controlled according to quality standards. GMP guidelines help in maintaining high levels of hygiene, safety, and quality throughout the manufacturing process.

Certification and Continuous Improvement

- **ISO 9001:2015 Certification:** Eco-Plast is certified under ISO 9001:2015, an international standard that specifies requirements for a quality management system. This certification underscores the company's commitment to quality and continuous improvement, demonstrating its ability to consistently meet customer expectations and regulatory requirements.
- **Continuous Development:** Eco-Plast is dedicated to ongoing development through the application of new releases and updated technologies. The company invests in research and development, standardization, and automation of production processes to enhance its effectiveness, efficiency, and flexibility.
- **Adaptability and Reliability:** By continuously improving its processes and embracing technological advancements, Eco-Plast ensures that it remains a reliable partner for its customers. The company's commitment to quality and innovation provides customers with confidence in its ability to deliver superior products and services.



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