

EF Group Company Profile: Innovation, Quality, and Sustainability in Industrial Production

Edition: Feb. 2025

Profile

EF Group is a holding company of technologically advanced enterprises in the metallurgical sector. We are among the leading producers of cast iron components in Italy, with a predominant focus on the automotive industry.

Vision:

To establish our core principles of solidity, transparency, and reliability. Our highest priority is to meet our customers' needs and pursue continuous growth in technical expertise and quality to consistently adhere to the highest standards and requirements.

Mission:

Our mission is to deliver superior quality products and services, placing the customer at the center, strictly adhering to delivery deadlines, and promoting respect for people and the environment, fundamental principles on which all our operations are based.

Innovation and Sustainability: The EF Group Model

EF Group consistently invests in sustainability, quality, and technological efficiency to ensure a solid and shared business model. For 100 years, our experience and know-how have enabled us to offer cutting-edge solutions in the automotive sector and various industrial fields.

Towards a Sustainable Future

Being pioneers of change means tackling market challenges with a strategic approach, collaborating with companies and groups to develop technological innovations and promote eco-sustainable growth.

Commitment to the Community and People

We actively participate in the communities where we operate, supporting cultural, social, and sports initiatives. We invest in education and value individual skills by collaborating with schools and universities to bring young people closer to the workforce.

Ethics and Responsibility

Guided by a strict Code of Ethics, we operate with transparency and responsibility, aware of our role in economic and social development. The reliability and reputation of our group are based on the respect of ethical principles shared by all our employees.

Companies

Fonderia di Torbole – Torbole Casaglia (BS) - Italy

Fonderia di Torbole develops, produces, and markets brake discs and drums, as well as raw and machined castings for the automotive sector – **see further details below.**

Pilenga Baldassarre Foundry – Lallio (BG) - Italy

Production of components for Agriculture, Automotive, Hydraulics, Compressors, Elevators, Earthmoving, Oil & Gas, and Wind Energy industries. The products and services are developed with a sustainable and responsible approach, aiming to reduce environmental impact while ensuring high performance. The foundry is known for its great production flexibility, capable of manufacturing castings ranging from 0.05 to 350 kg, meeting various customer requirements.

Fond-Stamp – Rocca de' Baldi (CN) - Italy

Fond-Stamp specializes in the production of cast iron and steel castings using lost foam models. It is one of Europe's leading manufacturers in the bodywork mold sector for the automotive industry, offering high-quality and precision solutions to meet the most advanced market needs.

Total EF Group Revenue: Approximately 200 Million (Euro)

Fonderia di Torbole – Quick Identity

Today, Fonderia di Torbole ranks among the four leading European players in the production, co-design, and testing of solid and ventilated brake discs, as well as raw and machined brake drums for the automotive sector. The company stands out for its high quality and technological innovation in both product and process.

Surface Area: 100,000 m², of which 42,000 m² covered

Employees: Approximately 500

Production: Around 100,000 tons per year

Cupola Furnace: 30 tons/hour capacity, 12 meters in height

26 Mechanical Processing Lines

10 Coating Lines

Parts Produced: 13,000,000 brake discs and drums, of which approximately 7,500,000 are machined and coated

Total production represents about 19% of total European output

People

Regardless of their role, Fonderia di Torbole places people at the center of its governance, recognizing them as the essential driver of business success. Only through mutual trust can solid, long-lasting, and valuable collaborations be built.

The company is committed to ensuring sustainable well-being, promoting job stability through permanent contracts, and investing in the professional growth of its employees. Through training, specialization, and empowerment programs, Fonderia di Torbole fosters the development of skills and professional evolution of its team.

Achieving strategic objectives is based on teamwork and a human resource management policy oriented toward respecting rights, valuing people, and creating a positive and inclusive work environment.

Safety

Over the years, the company has invested time and resources in health and safety protection. In a preventive approach, Fonderia di Torbole has always focused on technological innovation while promoting a culture of safety. The company continuously trains all individuals who contribute to its operations, ensuring a safe and secure working environment.

Total safety training hours: Approximately 9,752 hours

Sustainability: Strategies for transition to a low-carbon economy

Confirming the attention devoted to environmental issues, Fonderia di Torbole and the EF Group companies continue on the path of assessing the Carbon Footprint of Organization, in accordance with UNI EN ISO 14064-1:2019.

With this activity we intend to develop a path of energy and environmental sustainability of the business processes of our companies, in order to identify long-term solutions useful for industrial planning, the reduction of CO₂eq emissions and the definition of a transition strategy towards a low-carbon economy.

The activity launched will guide us toward a new multi-sectoral approach, oriented toward the sustainable use of natural capital, and toward the definition of a “Sustainable Energy Program” that will include analyses and practices to be implemented by the group’s companies in order to reduce their emission and environmental impact and improve their performance in terms of saving resources and protecting the environment.

Carbon Footprint

Among various facilities, a prime example is the oxygen pipeline at the Torbole plant, reducing CO₂ emissions by 25,000 kg per year, preventing approximately 300 tanker truck trips. Additionally, an innovative system converts thermal energy into electricity, preventing the release of 1,200 tons of CO₂ annually and generating an average of approximately 350,000 kilowatt-hours per month, fully utilized by the foundry.

Circular Economy

Our production processes align with the circular economy. For our brake discs, we use approximately 80% of recovered ferrous materials, and 95% of generated waste is reused as raw material in other industrial processes, such as cement plants or asphalt production.

Participation in European Projects

We actively engage in innovative European projects such as:

Coralis (industrial symbiosis and decarbonization pathways – (<https://www.coralis-h2020.eu>)

- Alchimia (digitalization to unlock AI potential in large European metallurgical industries – (<https://alchimia-project.eu>)

Production and Product Innovation

Key initiatives that drive process and product innovation at Fonderia di Torbole include:

Hard Coating

Installation of a surface coating system for brake tracks designed to reduce dust and particle emissions during braking, improving environmental performance and component durability. This advanced technology optimizes brake disc efficiency, reducing environmental impact and ensuring greater long-term reliability.

Installation of a New Raw Casting Palletization System

Equipped with an automatic quality control system featuring four cameras and AI-based software, enabling monitoring and palletization of unfinished castings destined for mechanical processing. This system ensures precise and repeatable quality control over time, improving the reliability of the production process.

New Mechanical Processing and Coating Line

To increase production capacity, enable plant revamping, and maintain an ever-growing level of competitiveness.

Coming Soon

Strategic investments are in the planning and implementation phase, including the activation of an advanced photovoltaic plant for energy efficiency and several improvements in production processes and product development, aiming to enhance sustainability, quality, and competitiveness.

Fonderia di Torbole Certifications

Quality: ISO 9001:2015 – IATF 16949

Health & Safety: ISO 45001:2018

Environment: ISO 14001:2015

Carbon Footprint: ISO 14064-1:2018/UNI EN ISO 14064-1:2019

Energy Management System: ISO 50001:2018

Information Security: ISO/IEC 27001:2022 - UNI CEI EN ISO/IEC 27001:2024 & TISAX (Trusted Information Security Assessment Exchange)

Link

Official Website and direct link:

<https://www.ef-group.it/en/homepage-english/>

<https://www.ef-group.it/en/fonderia-di-torbole-srl-eng/>

<https://www.ef-group.it/en/pilenga-baldassarre-foundry-srl-en/>

<https://www.ef-group.it/en/fond-stamp-spa-en/>

Celebrative Website (100 Years)

<https://www.ef-group-centenario.it/en/one-hundred-years-ef-group-spa/>

EF Group

<https://www.linkedin.com/company/efgroupspa/>

Fonderia di Torbole

<https://www.linkedin.com/company/fonderia-di-torbole/>

Pilenga Baldassarre Foundry

<https://www.linkedin.com/company/pilenga-baldassarre-foundry-srl/>

Fond Stamp

<https://www.linkedin.com/company/fond-stamp-s-p-a/>

You Tube:

<https://www.youtube.com/@efgroup-fonderiadorbole7547>

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