

Crafting quality: **FONDERIE VALDELSANE's** glass moulds journey

Founded in 1961 in the picturesque heart of Tuscany, Colle Val d'Elsa, Fonderie Valdelsane has emerged as a global leader in the production of specialised cast irons and bronze alloys for glass moulds. From its inception, the company has demonstrated an unwavering commitment to the glass sector, honing specific skills and pioneering advanced technolo-

gies tailored to meet the unique demands of this market. Over the decades, propelled by escalating demand, the company has transcended national boundaries - garnering international acclaim and forging robust partnerships with major global glass corporations.

PILLARS OF SUCCESS

- Specialisation: Fonderie Valdelsane's exclusive focus

on castings for glass moulds has enabled the development of unparalleled and highly specialised expertise. This concentrated approach has positioned the company at the forefront of the industry.

- Quality: The company's commitment to quality is evident through rigorous controls and the use of meticulously selected raw materials. This



Since it opened to business over sixty years ago, FONDERIE VALDELSANE has consistently excelled at producing specialised cast irons and bronze alloys for glass moulds. Known for its quality, flexibility and innovation, it offers bespoke solutions and comprehensive support. Evidenced by its ISO 14001 certification, the company's commitment to sustainability is matched by its significant investments in eco-friendly technologies.



dedication ensures products of the highest calibre, meeting the strictest international standards, and contributing to enhanced performance and efficiency in glass production.

- **Flexibility:** With a remarkable ability to adapt to the specific requirements of each customer, Fonderie Valdelsane can produce custom alloys and patterns in less than a week, showcasing an exceptional level of responsiveness.

- **Innovation:** Continuous investment in research and development underscores Fonderie Valdelsane's drive to incorporate the most advanced technologies. This relentless pursuit of innovation optimises production processes and guarantees superior product quality.



● **Service:** Beyond mere production, Fonderie Valdelsane offers comprehensive support, including technical assistance, consultancy, and after-sales services, ensuring a holistic customer experience.

DEFINING COMMITMENTS

A significant portion of the company's resources is dedicated to R&D, enhancing performance to meet the evolving needs of the glass market. A team of highly qualified engineers and technicians collaborates closely with customers to develop bespoke solutions. Notably, the 'K 250' iron-based and 'B' copper alloys, produced exclusively for glass moulds, are internationally registered trademarks - assuring glass manufacturers of their provenance.

CERTIFICATION

In its steadfast commitment to sustainability, Fonderie Valdelsane has adopted an ISO 14001 certified environmental management system, investing in eco-friendly technologies and processes. In 2024, the company completed the installation of a 1,650 kWh photovoltaic system at its Monteriggioni facility. Spanning an area of approximately 12,000 square metres, more than 3,000 solar panels were installed, marking the largest solar project in Siena province to date.

LEADING THE WAY WITH SUSTAINABILITY

Membership in the Carbon Neutrality Area highlights Fonderie Valdelsane's dedication to reducing environmental impact. The new photovoltaic system is projected to reduce CO2 emissions by 613 tons annually - underscoring

the company's role as a pioneer in sustainability within the glass industry. Fonderie Valdelsane's storied legacy is one of innovation, quality, and environmental stewardship - setting a benchmark in the global glass industry while paving the way for a greener, more efficient future. According to European parameters, Fonderie Valdelsane compiled its first ESG sustainability report in 2024, which will be issued at year-end. ■

 **Fonderie Valdelsane** s.p.a.

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