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Who We Are

Experience and a commitment to innovation are our guiding principles. Since 1978, we have been **developing, producing and installing industrial furnaces and machinery**, as well as integrated heat-treatment and reheating systems for ferrous and non-ferrous materials.

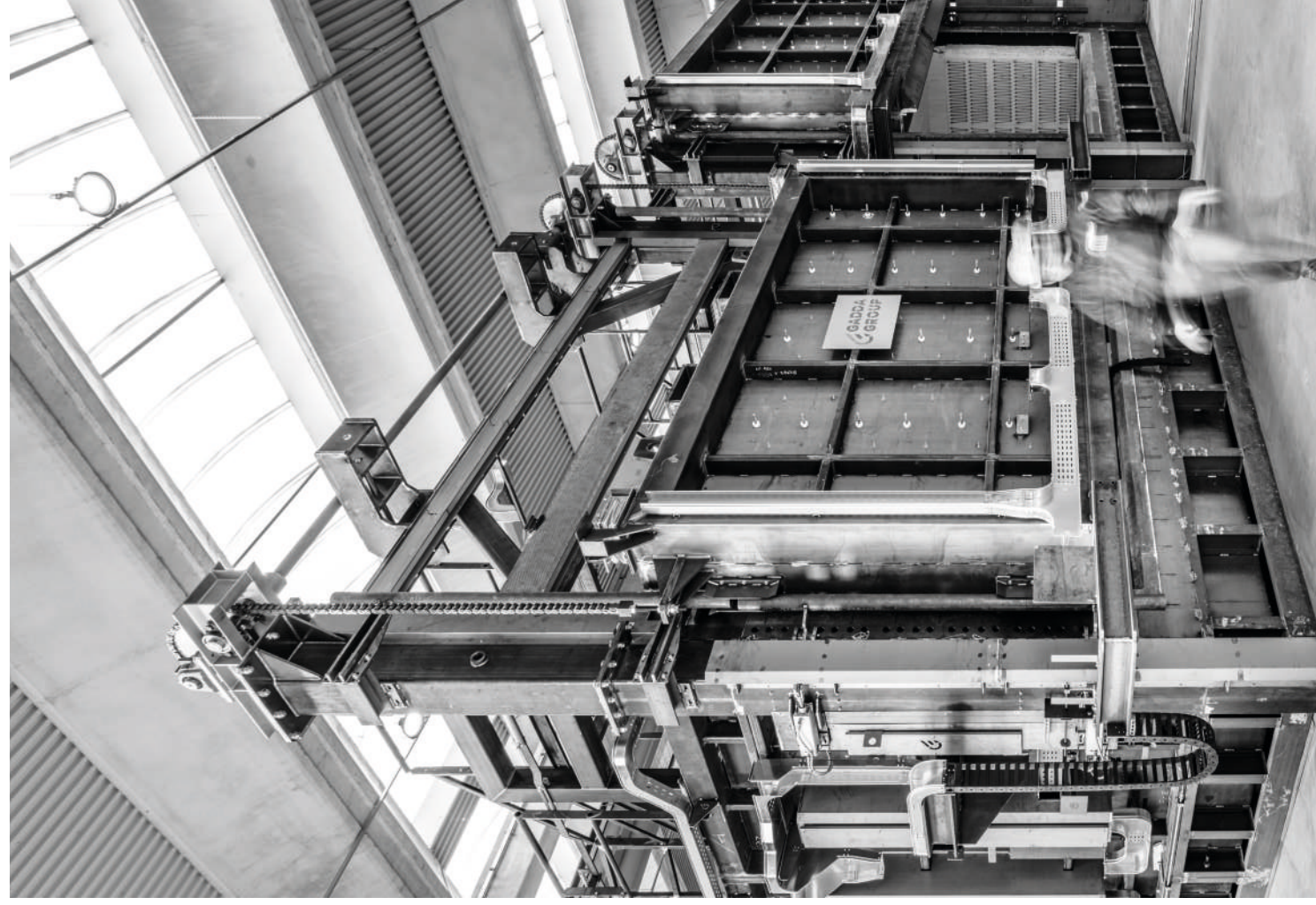
We act as **technological and strategic partners**, supporting customers throughout the entire project lifecycle with customized services and solutions. We directly manage all phases of engineering, commissioning and customer support, positioning ourselves as an **international benchmark in the metal heat-treatment and reheating industry**.

With more than **1,000 projects completed in Italy and worldwide**, we have developed extensive cross-industry expertise. Our headquarters are located in Italy, within a **30,000 m² facility in the Canavese area**, one of the most industrialized regions in northern Italy. From here, we operate globally, addressing complex challenges ranging from advanced technologies to environmental sustainability.

What We Do

From **design to commissioning and support: an integrated Made in Italy value chain**. We offer **high-technology, tailor-made solutions** to address our customers' operational needs and growth opportunities, working alongside them with our engineering teams at every stage of the production process, **from design to installation and post-delivery support**.

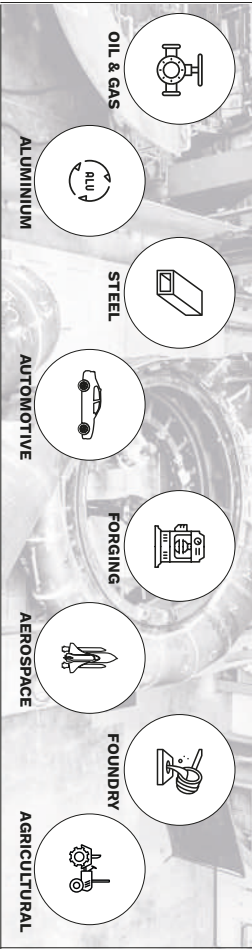
Gadda integrates the entire value chain in-house, ensuring **full control and high quality standards**: from design and 100% Made in Italy manufacturing to pre-assembly and testing, quality checks, client inspections, and regulatory compliance. Logistics, installation and start-up at the customer's site complete the process, ensuring **reliability and timely delivery**. Post-delivery support and remote monitoring maintain plant performance over time, through **continuous technical assistance, scheduled maintenance and targeted interventions**.



High-Tech: Engineering and Innovation

The quality of our products and services has made us a partner of choice in our sector, delivering **turkey engineering solutions for Industry 4.0 and 5.0**. Our technologies are designed to optimize processes and costs while generating long-term value. We continuously invest in our engineering expertise to develop reliable, high-performance solutions that support our customers' digital transformation. Advanced **thermofluid dynamics analysis software tools** enable us to research, develop and validate innovative systems.

Industries We Serve



Tailor-Made: Custom Solutions

- Develop customized products to meet the specific requirements of our customers.
- Provide support through each phase of the production cycle, with an all-round range of services and solutions using **equipment we design, produce and test in-house**.
- a **full-cycle supplier** of industrial furnaces, from engineering to commissioning at the customer site.
- Provide **after-sales support** to guarantee the performance of our products.
- Our customer-centered approach means we focus on the customer's specific needs at every stage in the



Our Products

BATCH AUTOMATIC LINES



Batch Automatic Lines are at the heart of Gadda's business: fully automated and customized heat treatment systems featuring batch furnaces, quenching equipment, handling and storage solutions. Thanks to advanced computerized controls and a modular design, they ensure maximum flexibility, continuous unattended production, and future scalability to meet evolving productivity requirements.

BELL AND PIT FURNACES



Gadda Bell and Pit Furnaces are engineered for maximum reliability, energy efficiency, and outstanding temperature uniformity. Advanced sealing systems and high-quality refractory materials minimize heat losses, while optimized heating element layouts ensure consistent performance. Modular configurations, heat recovery solutions, and optional forced cooling enhance productivity and operational flexibility.

ROTARY HEARTH FURNACES



Gadda's Rotary Hearth Furnaces are high-throughput solutions designed for the heat treatment of large volumes of similar components. Easily integrated into fully automated lines with robotic handling and part tracking, they ensure excellent process repeatability, energy efficiency, and operational flexibility through an advanced and optimized design.

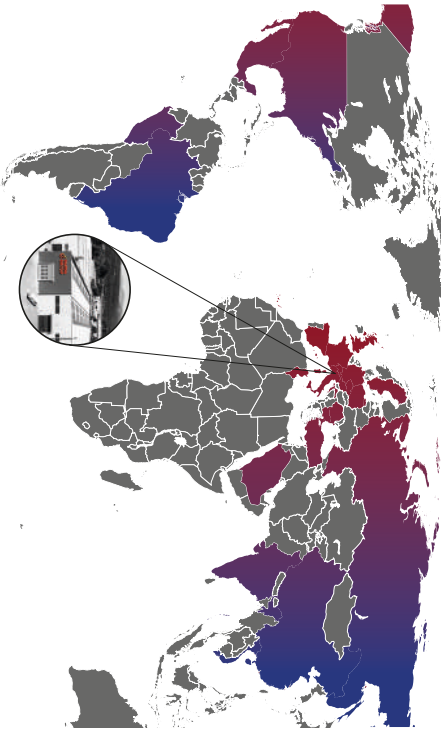
CONTINUOUS HEARTH FURNACES



Gadda Continuous Furnaces are designed to deliver efficient, reliable, and high-productivity heat treatment processes. Equipped with motorized roller or chain conveying systems, they ensure precise thermal profile control across multiple heating zones. Heat recovery solutions, integrated cooling and quenching sections, and CFD-engineered air recirculation provide excellent temperature uniformity and operational performance.



Gadda Around the World



- Customer loyalty is one of our key drivers: more than **70%** of our returning **customers** have been with us for almost **fifty years**.
- To date, we have offered more than **7,000 hours/year** of **technical support** and specialist consultancy to improve the quality and productivity of our services and products.

Made in Italy: Excellence and Quality

- We always use components of the highest quality and offer systems delivering maximum productivity levels.
- **Construction and pre-assembly in Italy.**



- Our systems are constructed entirely in Italy and whenever possible pre-assembled and tested at our main facility. This enables us to resolve any problems efficiently and test key product functions before shipping.
- During the construction process, customers may visit our production site to check progress.
- After pre-assembly, the product is dismantled into easily transportable parts and sent to the installation site. This significantly reduces assembly manpower hours, as well as supervision service time.
- We aim for high quality by constantly improving our products and services and developing our know-how for the growth and development of the metallurgy sector.
- **More than 1,000 companies that place their trust in us are the best testimonials** of the attention, commitment and level of innovation we offer today.

BOGIE HEARTH FURNACES



Gadda Bogie Hearth Furnaces combine reliability, energy efficiency, and robust performance for demanding industrial applications. Advanced heating systems, heat recovery solutions, and high-quality refractory materials minimize heat losses and optimize operating efficiency. In-chamber forced cooling is available as an option.

CHAMBER FURNACES



Gadda Chamber Furnaces provide versatile solutions for reheating, heat treatment, and controlled atmosphere applications. Designed for reliability and energy efficiency, they feature heat recovery systems, advanced sealing solutions, and high-quality refractory materials. Optional forced cooling further enhances operational flexibility.

AUTOMATIC LOADING MACHINES



Gadda Automatic Loading Machines ensure fast and precise handling of loads up to 110 tons across heat treatment lines. Advanced control systems, encoders, and laser positioning technology provide outstanding accuracy, reliability, and reduced cycle times during quenching and load transfer operations.

COOLING SYSTEMS



Gadda Cooling Systems are designed to deliver fast, controlled, and uniform cooling throughout the heat treatment process. Forced-air chambers, normalization stations, and water, polymer, or oil quenching tanks are CFD-engineered to optimize flow dynamics and performance. Tailor-made solutions ensure process repeatability, product quality, and maximum operational efficiency.

