

BILLET REHEATING FURNACE



Since 1987



Leading Designer, Manufacturer, Supplier and Exporter of
Reheating Furnaces

Welcome to Continental Furnaces, a pioneering force in ferrous and non-ferrous metal melting and recycling project solutions. Our expertise lies in delivering innovative and efficient furnace solutions tailored for the sustainable processing of non-ferrous metals.

Key features include:

Versatility: Continental Furnaces are designed to accommodate a wide range of ferrous and non-ferrous metals, ensuring flexibility in your melting and recycling projects.

Energy-Efficient Designs: Our furnaces prioritize energy efficiency, minimizing environmental impact and reducing operational costs.

Customization: Tailored solutions to meet the unique requirements of your non-ferrous metal recycling projects, optimizing performance and productivity.

Environmental Responsibility: We are committed to environmentally responsible practices, incorporating advanced technologies to reduce emissions and enhance sustainability.

Cutting-Edge Technology: Stay at the forefront of industry advancements with our furnaces, equipped with the latest technologies for improved efficiency and reliability.

Elevate your non-ferrous metal melting and recycling projects with Continental Furnaces — where innovation meets the demands of a sustainable future. Our cutting-edge furnaces are engineered for peak performance in aluminum melting and recycling.

Key specifications Include:

Capacity: Choose from a range of capacities to suit your production needs.

Energy Efficiency: Our furnaces are designed to maximize energy efficiency, reducing operational costs and environmental impact.

Temperature Control: Precise temperature control ensures optimal melting conditions for aluminum processing.

Material Combability: Versatile designs accommodate various aluminum alloys, enhancing the flexibility of your operations.

Safety Features: Robust safety measures are integrated to ensure a secure working environment for your personnel.

Automation Capability: Our furnaces can seamlessly integrate with automation systems for streamlined and efficient production.

Footprint: Compact designs maximize space utilization without compromising performance.

Durability: Built with high-quality materials, our furnaces are durable and reliable, minimizing downtime and maintenance costs.

Explore the details of our Aluminum Furnace specifications to discover how we can elevate your melting and recycling processes.

Billet Reheating Furnace

Continental Furnaces is a globally recognized leader in the design, development, and manufacturing of high-performance billet reheating furnaces. With decades of experience in the furnace industry, we have earned a reputation for providing innovative, energy-efficient, and reliable heating solutions to meet the evolving needs of the metal processing industry.

Our billet reheating furnaces are engineered to ensure optimal heating of billets, enhancing productivity and ensuring consistent, high-quality output. Whether you're in the forging, extrusion, or rolling industries, our furnaces deliver outstanding performance in terms of energy efficiency, durability, and operational safety.

Continental furnaces is committed to provide tailored solutions that are perfectly suited to your unique production requirements. From smaller-scale operations to large, high-capacity plants,

As pioneers in furnace manufacturing, we combine cutting-edge technology with exceptional service to ensure our clients experience seamless operations and long-term success. From design and manufacturing to installation and after-sales support, Continental Furnaces is your trusted partner in achieving optimal heating performance.

Billet Reheating Furnace is designed to meet the critical demands of the metal industry, ensuring efficient and precise heating for billets before they undergo processes such as forging, rolling, or extrusion. These furnaces are essential in the preparation of billets for further shaping, offering consistent temperature control and uniform heating to improve material properties and overall production quality.



Advantages:

Versatile Fuel Options: Our furnaces can be equipped to operate on both oil and gas, offering flexibility to suit your operational needs and fuel availability.

High Efficiency: Designed for optimal thermal efficiency, our furnaces minimize energy consumption while maximizing heating performance, leading to reduced operational costs.

Robust Construction: Built with durable materials and advanced refractory technology, our furnaces ensure longevity and reliability in even the most demanding environments.

Advanced Control Systems: Equipped with state-of-the-art control technologies, our furnaces provide precise temperature regulation and monitoring, enhancing product quality and process consistency.

Customization Solutions: We offer tailored solutions to meet specific requirements, ensuring that our furnaces align perfectly with your production goals.

Technical Specifications:

- **Heating Capacity:** Range of billet weights and sizes (for example, from 10 tph to 120 tph).
- **Temperature Range:** Ability to achieve consistent temperatures from 700°C to 1320°C (adjust as per actual specifications).
- **Fuel Type:** Natural gas, oil, or electric (or dual-fuel option).
- **Automation:** PLC-controlled with real-time temperature monitoring.
- **Size Range:** Customizable furnace sizes to accommodate different billet dimensions.
- **Efficiency Rating:** Fuel consumption, thermal efficiency, and emissions.

Model Range: 10 TON per hour - 120 TON per Hour

Benefits & Service Support:

Our USP:

- **Industry Expertise:** With years of experience in furnace manufacturing, Continental Furnaces delivers solutions tailored to your production needs.
- **Energy Savings:** Reduced operational costs through high energy efficiency and low-maintenance designs.
- **Innovative Technology:** Continuous R&D ensures your furnace has the latest technologies for superior performance.
- **Global Reach:** We serve clients worldwide, ensuring your furnace system is compatible with global standards and regulations.

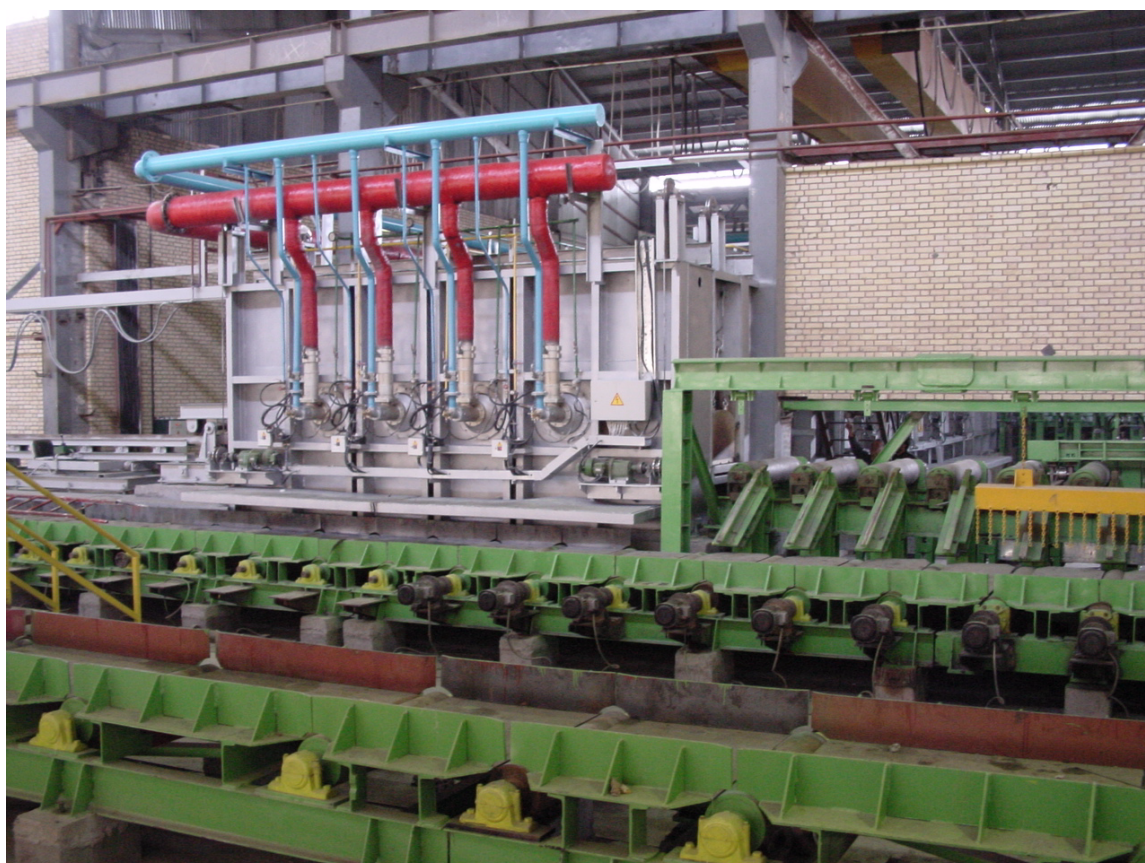
After-Sales Support:

- **Installation & Commissioning:** Comprehensive services for furnace installation and system integration.
- **Maintenance Services:** Scheduled maintenance and troubleshooting for optimal performance.

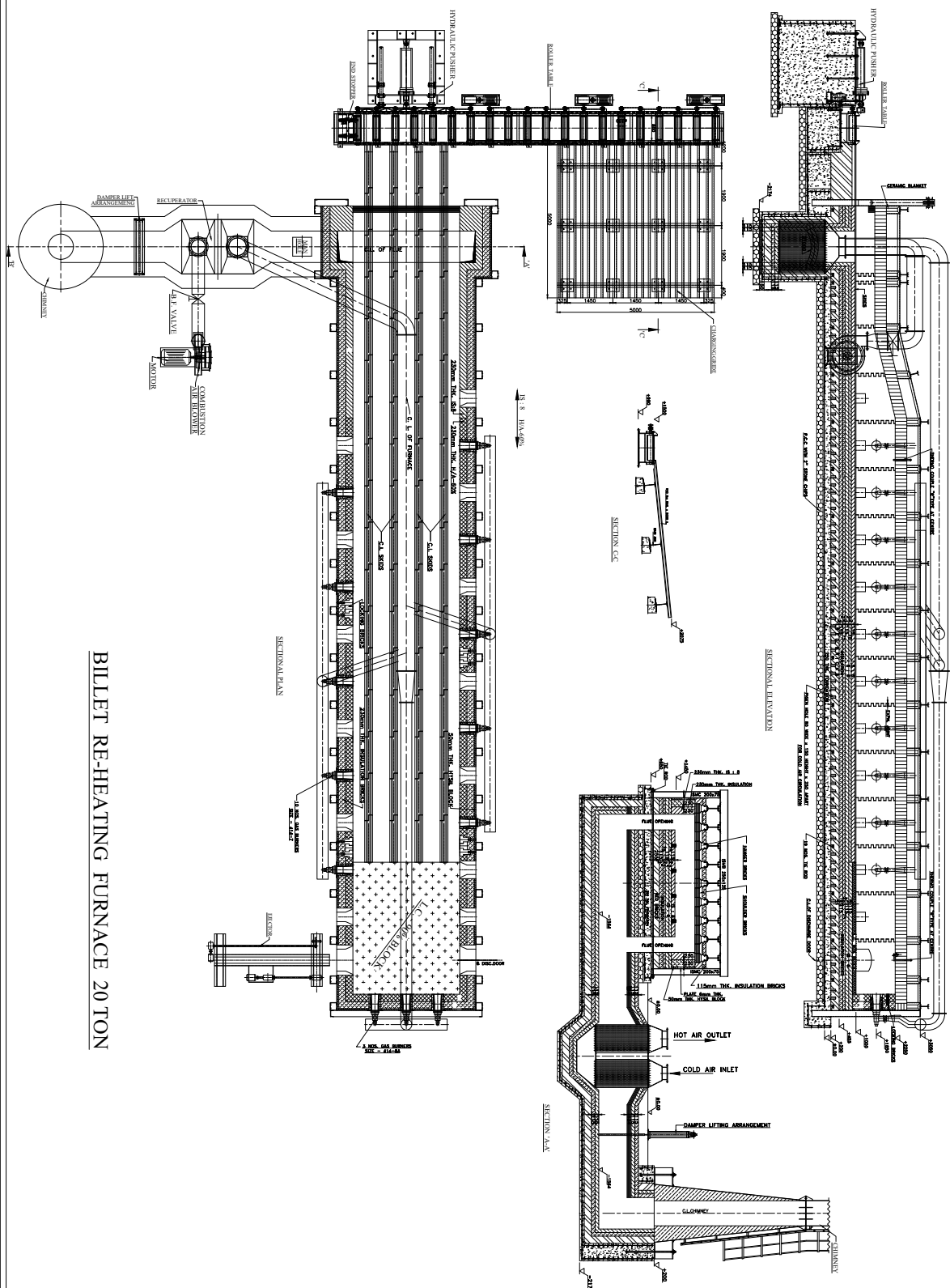
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