Induction Heating Furnace for Metal Bars

This induction heating furnace is designed for pre-forging heating in applications such as gear and shaft manufacturing. It is also used for online processes like pipe coating, blue brittleness blanking, and wire tempering.

Overview

Industrial Bar Induction Heating Furnace

This advanced induction heating furnace is engineered for precise and efficient heating of metal bars prior to forging, bending, or online processing. Designed for high-volume industrial environments, it features an integrated induction coil and furnace body for rapid, uniform heating that minimizes oxidation and decarburization. The system offers superior energy efficiency compared to traditional coal furnaces while meeting modern environmental standards for reduced pollution and improved workplace conditions.

Key Features

Performance Advantages

- High thermal uniformity with minimal core-surface temperature difference
- Rapid heating speed to maintain material integrity
- High degree of automation for streamlined production lines
- Energy-efficient design for lower operational costs
- Quick-change connector system for rapid inductor replacement

Applications

Suitable Forging Parts

- Gears
- Gear rings
- Axle shafts
- Connecting rods
- Bearings
- Shackles
- Rigging

Primary Use Cases	Forging Heating, Corrosion Prevention Spraying, Steel Wire Tempering, Tube Bending, U-Shape Bolt Bending, Roller Thermal Assembling

Operational Details

Operational Highlights

Easy Operation • Low Maintenance • High Control Accuracy • Environmentally Friendly

Logistics

Packaging	Plywood cases and nude