

# Steel Bar Heating Furnace

This furnace is used for heating steel before forging in applications like gear and axle shaft manufacturing. It is also suitable for online heating processes such as corrosion prevention spraying and steel wire tempering.



## Product Overview

### Industrial Round Steel Diathermanous Furnace

This advanced diathermanous heating furnace is engineered for high-precision heating of round steel bars prior to forging and other industrial treatments. It offers superior heat uniformity and energy efficiency compared to traditional coal-fired alternatives, significantly reducing operational costs. Designed for integration into automated production lines, it ensures rapid processing with minimal oxidation and decarburization, meeting rigorous environmental protection standards.

## Technical Advantages

### Key Features

- High thermal uniformity with minimal core-to-surface temperature difference
- Advanced integration of inductor and furnace body
- Quick-change connectors for rapid inductor replacement
- High degree of automation for seamless online production
- Environmentally friendly operation with reduced pollution

### Performance Metrics

**100 %**

Energy Efficiency Rating

## Applications

### Typical Applications

Forging Pre-heating, Online Pipe Spraying, Steel Wire Tempering, U-shape Bolt Bending, Roller Thermal Assembling, Gear Heating