

## Industrial Iron Steel Heat Treatment Furnace 1500-1700°C

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Certification: ISO9001
- Model Number: SDHR002
- Minimum Order Quantity: 1 unit
- Price: According customers volume
- Packaging Details: water proof packing
- Delivery Time: 30-45 days
- Payment Terms: TT/LC
- Supply Ability: 1000 sets per month



#### Product Specification

- Material: Iron And Steel
- Max. Loading Capacity: 0.5-20 Tons
- Temperature Range: 1500-1700°C
- Cooling Method: Closed Cooling Tower
- Type: Heat Treatment Furnace
- Heating Method: Electric
- Power Supply: 380V/660V/
- Application: Industrial
- Highlight: industrial steel heat treatment furnace,  
high-temperature steel furnace 1700°C,  
iron heat treatment furnace 1500°C

## Product Description

### Product Description:

The Iron And Steel Heat Treatment Furnace is a crucial piece of equipment designed for heat treating iron and steel materials in industrial settings. This furnace is equipped with advanced features to ensure efficient and precise heat treatment processes, making it an essential tool for various applications in the iron and steel industry.

One of the key features of this iron furnace is its cooling method, which utilizes a Closed Cooling Tower system. This system is designed to efficiently regulate the temperature within the furnace, ensuring optimal heat treatment conditions for iron and steel materials. The Closed Cooling Tower helps maintain a stable and controlled environment inside the furnace, contributing to consistent and high-quality heat treatment results.

For precise temperature control and monitoring, the Iron And Steel Heat Treatment Furnace is equipped with a sophisticated Control System that utilizes IGBT/SCR technology. This advanced control system allows operators to accurately adjust and maintain the temperature within the furnace in the range of 1500-1700°C. With the IGBT/SCR control system, users can ensure precise heat treatment processes, resulting in uniform and reliable outcomes for iron and steel materials.

Designed for industrial applications, this iron furnace is capable of handling a wide range of materials and processes. Whether it is for annealing, hardening, tempering, or other heat treatment applications, the Iron And Steel Heat Treatment Furnace offers versatility and efficiency to meet the diverse needs of industrial operations.

With a maximum loading capacity of 0.5-20 tons, this furnace is suitable for processing varying quantities of iron and steel materials. Whether dealing with smaller or larger batches, the furnace can accommodate different load sizes without compromising on performance or quality. The generous loading capacity of the furnace makes it a versatile and reliable solution for industrial heat treatment processes. In summary, the Iron And Steel Heat Treatment Furnace is a high-performance equipment designed for heat treating iron and steel materials with precision and efficiency. Featuring a Closed Cooling Tower system, IGBT/SCR control system, temperature range of 1500-1700°C, industrial application, and a maximum loading capacity of 0.5-20 tons, this furnace is an indispensable tool for the iron and steel industry. Its advanced features and capabilities make it an ideal choice for achieving consistent and high-quality heat treatment results in industrial settings.

### Features:

Product Name: Iron And Steel Heat Treatment Furnace

Heating Zone: Single/Double/Multi

Power Supply: 380V/660V

Cooling Method: Closed Cooling Tower

Control System: IGBT/SCR

Application: Industrial

### Technical Parameters:

Parameter	Value
Control System	IGBT/SCR
Temperature Range	1500-1700°C
Cooling Method	Closed Cooling Tower
Type	Heat Treatment Furnace
Max. Loading Capacity	0.5-20 Tons
Heating Method	Electric
Application	Industrial
Heating Zone	Single/Double/Multi
Material	Iron And Steel
Warranty	1 Year

### Applications:

Product Application Occasions and Scenarios for the Huarui SDHR002 Iron And Steel Heat Treatment Furnace:

The Huarui SDHR002 Iron And Steel Heat Treatment Furnace is a versatile and reliable equipment that finds wide application in various industries and scenarios. Here are some product application occasions and scenarios where this furnace can be effectively utilized:

- Steel Manufacturing Plants:** The Iron And Steel Heat Treatment Furnace is commonly used in steel manufacturing plants for heat treating steel products. Its electric heating method and single/double/multi heating zone options make it ideal for tempering, annealing, and hardening steel components.
- Metal Fabrication Workshops:** Metal fabrication workshops can benefit from the precise temperature control and uniform heating provided by the Huarui SDHR002 furnace. It is suitable for heat treating iron and steel parts used in various machinery and equipment.
- Automotive Industry:** The Iron And Steel Heat Treatment Furnace is essential in the automotive industry for treating engine

components, gears, and other steel parts. Its high heating efficiency and durability ensure consistent results in the production of high-quality automotive parts.

4. Tool and Die Making: Tool and die manufacturers rely on the Huarui furnace for heat treating iron and steel molds, dies, and cutting tools. The furnace's ability to reach high temperatures and maintain them for extended periods makes it a valuable asset in tool making processes.

5. Research and Development Facilities: Research institutions and laboratories use the Iron And Steel Heat Treatment Furnace for experimental purposes and material testing. Its flexibility in heating methods and heating zone configurations allow for customized heat treatment processes based on specific research requirements.

Overall, the Huarui SDHR002 Iron And Steel Heat Treatment Furnace is a versatile and efficient equipment suitable for a wide range of applications in industries such as steel manufacturing, metal fabrication, automotive, tool making, and research facilities. With its reliable performance, high-quality material construction, and certification standards, this furnace is a valuable investment for businesses looking to enhance their iron heat treatment processes.

### Customization:

Product Customization Services for the Iron And Steel Heat Treatment Furnace:

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Control System: IGBT/SCR  
Heating Method: Electric  
Application: Industrial



**Shandong Huarui Electric Furnace Co., Ltd.**



+86 13854402808



[sales@huarui-furnace.com](mailto:sales@huarui-furnace.com)



[melt-furnaces.com](http://melt-furnaces.com)

Mount Taishan Street, Anqiu Economic Development Zone, Weifang, Shandong, China