

IGBT Control System Metal Melting Furnace with Power Factor >95% and Power Saving 15%-35%

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Certification: patent; national testing report; quality management system
- Model Number: MF2501
- Minimum Order Quantity: 1 set
- Price: Product customization
- Packaging Details: wooden package
- Delivery Time: 20~45 days
- Payment Terms: T/T; L/C
- Supply Ability: 100000 sets/year



Product Specification

- Cooling System: Closed Cooling Tower
- Power Factor: >95%
- Reliability : High
- Control System: IGBT
- Power Saving : 15%-35%
- Melting Efficiency : High
- Safety : HIGH
- Highlight: **IGBT metal melting furnace, power saving melting furnace, high power factor furnace**

Product Description

Product Description:

The Metal Melting Furnace is an innovative electric induction melting furnace designed to provide efficient and reliable metal melting capabilities. With a power factor of over 95%, this furnace ensures high energy efficiency and reduced power consumption, making it a cost-effective solution for various metal melting applications.

One of the key features of this electric induction melting furnace is its high level of safety, offering peace of mind to operators and ensuring a secure working environment. The furnace is equipped with advanced safety mechanisms and controls to prevent accidents and ensure smooth operation.

When it comes to reliability, the Metal Melting Furnace excels with its high-quality construction and durable components. Designed for long-term use, this induction melting furnace delivers consistent performance and can withstand the rigors of industrial metal melting operations.

The control system of this electric induction melting furnace is based on IGBT (Insulated Gate Bipolar Transistor) technology, providing precise control over the melting process. This advanced control system allows for accurate temperature regulation, ensuring optimal melting conditions and high-quality metal output.

In addition to its efficiency and reliability, the Metal Melting Furnace is also known for its power-saving capabilities. With power savings ranging from 15% to 35% compared to traditional melting methods, this furnace helps reduce energy costs and minimize environmental impact, making it a sustainable choice for metal melting processes.

Whether you are melting metals for casting, forging, or other industrial applications, the Metal Melting Furnace offers a versatile and efficient solution. Its electric induction melting technology allows for quick and uniform melting of a wide range of metals, ensuring consistent results and high productivity.

Overall, the Metal Melting Furnace is a top-of-the-line electric induction melting furnace that combines high efficiency, safety, reliability, and advanced control features to meet the demands of modern metal melting operations. With its power-saving capabilities and superior performance, this induction melting furnace is a valuable asset for any metalworking facility.

Applications:

Huarui Metal Melting Furnace (Model: MF2501) is a top-of-the-line induction melting furnace that is designed and manufactured in China, ensuring high-quality performance and reliability. With certifications including a patent, national testing report, and quality management system, this electric induction melting furnace is a preferred choice for various industrial applications.

The Product Application Occasions and Scenarios for the Huarui Metal Melting Furnace (Model: MF2501) are diverse and versatile:

- Foundries: The induction melting furnace is ideal for foundries looking to efficiently melt metal for casting processes. Its high melting efficiency and power-saving features make it a cost-effective solution.
- Metal Workshops: Metal workshops can benefit from the Huarui Metal Melting Furnace for melting and refining various metals with precision and speed, thanks to its high reliability and safety standards.
- Jewelry Making: Jewelry manufacturers can utilize this induction melting furnace to melt precious metals like gold and silver for creating intricate designs with consistent quality.
- Automotive Industry: The Huarui Metal Melting Furnace is suitable for the automotive industry for melting and alloying metals used in manufacturing parts and components.

With a power factor of over 95%, the Huarui Metal Melting Furnace ensures efficient energy utilization, leading to significant cost savings. The furnace's high safety standards provide peace of mind during operation, making it a reliable choice for industrial settings.

Furthermore, the Huarui Metal Melting Furnace offers customization options in terms of pricing, catering to the specific needs of different businesses. The minimum order quantity of 1 set makes it accessible for both small-scale operations and large-scale industrial facilities. Delivered in a secure wooden package, the furnace is protected during transit, with a delivery time of 20 to 45 days to ensure timely setup. Payment terms such as T/T and L/C provide flexibility for customers, while the supply ability of 100,000 sets per year ensures consistent availability.

Customization:

Product Customization Services for the Metal Melting Furnace:

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Minimum Order Quantity: 1 set
Price: Product customization
Packaging Details: wooden package
Delivery Time: 20~45 days
Payment Terms: T/T; L/C
Supply Ability: 100000 sets/year
Power Factor: >95%
Melting Efficiency: High
Reliability: High
Control System: IGBT
Power Saving: 15%-35%

Support and Services:

The Product Technical Support and Services for the Metal Melting Furnace include:

- Assistance with installation and setup of the furnace
- Troubleshooting guidance for any operational issues

- Maintenance tips to ensure optimal performance
- Access to replacement parts and accessories
- Online resources such as user manuals and instructional videos

Packing and Shipping:

Product Packaging:

The Metal Melting Furnace is carefully packaged to ensure its safety during transportation. It is securely wrapped in bubble wrap and placed in a sturdy cardboard box to prevent any damage. The packaging also includes foam padding to protect delicate components.

Shipping:

We offer fast and reliable shipping for the Metal Melting Furnace. Your order will be processed promptly and shipped out within 1-2 business days. We use trusted courier services to ensure that your package arrives safely and on time. You will receive a tracking number to monitor the status of your shipment.

FAQ:

Q: What is the brand name of this Metal Melting Furnace?

A: The brand name is Huarui.

Q: Where is the Metal Melting Furnace manufactured?

A: The Metal Melting Furnace is manufactured in China.

Q: What certifications does the Metal Melting Furnace have?

A: The Metal Melting Furnace has patent, national testing report, and quality management system certifications.

Q: What is the minimum order quantity for the Metal Melting Furnace?

A: The minimum order quantity is 1 set.

Q: What are the payment terms accepted for purchasing the Metal Melting Furnace?

A: The accepted payment terms are T/T and L/C.



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