

High Heat Efficiency Steel Shell 10 Ton Induction Furnace Durable Short Melting Time

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Model Number: to be customized



Product Specification

- Energy Saving: High
- Heat Efficiency: High
- Melting Time: Short
- Temperature Accuracy: High
- Durability: High
- Safety: High
- Highlight: efficiency 10 Ton Induction Furnace, Durable 10 Ton Induction Furnace, aluminium induction furnace



Product Description

Product Description:

Steel shell furnace includes two types, one is hydraulic steel furnace, the other is reducer steel shell furnace. Below are the difference between them.

- 1.Appearance of hydraulic type steel shell furnace looks high grade and generous, while reducer type steel shell furnace is compact and flexible.
- 2.Reducer steel shell furnace is generally applied to smelt raw material of less than 1.5 tons, whereas hydraulic steel shell furnace is suitable for melting the raw material with capacity of 1.5 tons and up.
- 3.Reducer type steel shell furnace is compact, flexible and small covering area.
- 4.Reducer type does not need hydraulic station and related circuit, however, hydraulic type does.

Features:

For more efficiency, oriented silicon steel sheet is applied and the size of the magnetic yoke enlarged. Using thinner silicon steel sheet means that the cost increases but the eddy current produced is reduced, therefore yielding lower losses and less heat generated. To further reduce power consumption and reduce the quantity of water pipe required, special W-shaped structure is employed with no need of water cooling.

This silicon steel sheet is advantageous in many ways including its good rigidity, compact structure, high durability, practicality, environmental friendliness, high safety and heat utilization efficiency.

Technical Parameters:

Induction melting furnace power supply, thyristor serial-connected inverter medium frequency power supply , one power supply cabinet drives two furnaces

Type	DX-3500Kw
inlet power supply (V)	660V/ six phases
inlet current (A)	1530
Direct current voltage (V)	1800
Direct current (A)	1900
medium frequency voltage (+/-10%) V	2900
medium frequency (Hz)	100-300Hz
medium frequency power (Kw)	3500KW

Applications:

Huarui Steel Shell Melting Furnace is designed for melting metal in a wide variety of industries. It is the perfect choice for steel structure melting furnace, steel shell induction furnace, and steel shell furnace for melting metal. This energy-saving and high-efficiency melting furnace boasts many advantages, such as high heating efficiency, short melting time, high durability, and high safety.

The Huarui Steel Shell Melting Furnace is custom designed to meet the unique needs of each customer. The advanced technology used in this steel shell melting furnace ensures that it is more energy-efficient than traditional furnaces, saving energy and reducing operational costs. It also has a higher heat efficiency, enabling it to complete the melting process in a shorter period of time. In addition, it is built with high-quality materials for maximum durability and safety.

The Huarui Steel Shell Melting Furnace is ideal for a variety of applications, including the melting of metal, alloy, and other materials. It is an efficient and reliable melting furnace that can handle a wide range of tasks. With its high energy efficiency and short melting time, this melting furnace is the perfect choice for any industry.

Customization:

Huarui Steel Shell Melting Furnace

Huarui Steel Shell Melting Furnace is designed for melting metal. It has a steel structure, making it highly durable and energy efficient. It has a short melting time and high temperature accuracy, while providing high heat efficiency and energy savings.

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Support and Services:

Steel Shell Melting Furnace Technical Support and Services

We provide reliable and comprehensive technical support and services for steel shell melting furnaces. Our experienced team of professionals can help you with any technical queries and issues you may have.

Installation and Maintenance

Our engineers are available to assist you with the installation and maintenance of your steel shell melting furnace. We can provide the necessary parts and accessories for your furnace, as well as providing guidance on the best operating practices.

Troubleshooting

Our experienced technicians can assist you with any troubleshooting issues that may arise with your steel shell melting furnace. We have the necessary tools and expertise to diagnose and rectify any problems quickly and efficiently.

Training and Education

We provide training and educational services to ensure that you and your staff have the necessary knowledge and skills to operate your steel shell melting furnace safely and efficiently. Our training courses are tailored to your individual needs, ensuring that you get the most out of your furnace.



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