

High Durable Steel Shell Melting Medium Frequency Furnace With High Energy Saving

Our Product Introduction

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Basic Information

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



Product Specification

- Melting Time: Short
- Energy Saving: High
- Durability: High
- Safety: High
- Temperature Accuracy: High
- Heat Efficiency: High
- Highlight: **Melting Medium Frequency Furnace,
Steel Shell Medium Frequency Furnace**



Product Description

Product Description:

Steel shell furnaces are divided into two main types - **hydraulic** and **reducer**. While both types have their own advantages, there are a few distinct differences between the two.

When it comes to **appearance**, the hydraulic steel shell furnace has a much more high-grade and generous look while reducer steel shell furnace is known for its compact and flexible design.

In terms of capacity, reducer steel shell furnaces are usually used for smelting raw materials that are 1.5 ton or less, while hydraulic steel shell furnaces can accommodate a raw material capacity of 1.5 tons and above.

Moreover, when considering **size and coverage** of an area, reducer type steel shell furnaces are known for their compact, flexible and small size. Lastly, reducer type steel shells **do not need a hydraulic station**, while the hydraulic shell does.

Features:

In order to reduce eddy current and heat generated, oriented silicon steel sheet is applied due to its thinness, while the size of magnetic yoke is enlarged. The silicon steel sheet may be expensive, however it produces less eddy current and thus, lower loss.

A special W-shaped structure is applied. It does not require water to cool it, reducing power consumption and water pipeline quantity drastically. Besides, it has many other advantages such as good rigidity, compact structure, high durability and practicality, environmental protection, high safety, high heat utilization efficiency, and low operating noise.

Technical Parameters:

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

Type	DX-4000Kw
inlet power supply (V)	660V/ six phases
inlet current (A)	1749
Direct current voltage (V)	1800
Direct current (A)	2100
medium frequency voltage (+/-10%) V	2900
medium frequency (Hz)	100-300Hz
medium frequency power (Kw)	4000KW

Applications:

Steel Shell Melting Furnace, produced by Huarui, is a customized, high-efficiency, safe, energy-saving, and durable steel shell induction furnace. This steel structure melting furnace features a short melting time and great heat efficiency, which enables it to be widely used in many industries.

Steel Shell Melting Furnace is ideal for steel processing, metal smelting, casting, casting alloy production, and other industries. It can also be used to melt various metals like steel, copper, aluminum, and stainless steel. It is equipped with advanced safety features, making it safe for staff and operators. Besides, it is energy-saving and highly durable, which makes it a cost-effective equipment for melting metals. Huarui Steel Shell Melting Furnace can provide fast and accurate melting results. The steel shell furnace is easy to maintain and install, which saves time and labor costs. It is a reliable and long-lasting equipment for melting steels, and it is designed to handle a variety of tasks. It is suitable for both small and large-scale operations.

If you are looking for a reliable and cost-effective steel shell induction furnace, Huarui's Steel Shell Melting Furnace is the ideal choice. It features high efficiency, safety, energy-saving, and durability, enabling it to be used in many industries. It is the perfect steel shell furnace for steel processing, metal smelting, casting, and casting alloy production.

Customization:

Steel Shell Melting Furnace

Brand Name: Huarui
Model Number: to be customized
Place of Origin: China
Energy Saving: High
Temperature Accuracy: High
Heat Efficiency: High
Melting Time: Short
Durability: High
Keywords: Steel Shell Melting Furnace, Steel Shell Furnace for Melting Metal, Melting Furnace Made of Steel

Support and Services:

Technical Support and Service for Steel Shell Melting Furnace

We offer technical support and service for Steel Shell Melting Furnace. Our team of experienced engineers and technicians are available to assist you with any problem you may encounter. We provide on-site service, repair and maintenance to ensure your furnace is operating at optimum performance. Our team also provides training and advice on the operation and maintenance of your furnace. We are dedicated to providing the highest quality service for our customers. We are available to answer any questions you may have and provide support during installation and commissioning. We also provide technical assistance for troubleshooting and maintenance. Our team is available 24/7 to provide prompt and reliable service. We strive to ensure that your Steel Shell Melting Furnace provides you with the highest level of performance and efficiency. If you have any questions or concerns, please do not hesitate to contact us. We look forward to assisting you in any way we can.



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