

High Safety hydraulic Steel Shell Melting Furnace Short Melting Time High Durability

Our Product Introduction

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Basic Information

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



Product Specification

- Safety: High
- Melting Time: Short
- Temperature Accuracy: High
- Heat Efficiency: High
- Energy Saving: High
- Durability: High
- Highlight: **816A Steel Shell Melting Furnace,
Hydraulic Steel Shell Melting Furnace**



Product Description

Product Description:

Steel shell furnace includes two types: hydraulic steel furnace and reducer steel shell furnace, and the two are different in a few aspects... Firstly, the appearance of hydraulic type steel shell furnace looks high grade and generous, while reducer type steel shell furnace is compact and flexible.

Secondly, reducer steel shell furnace is generally applied to smelt raw material of less than 1.5 tons, while hydraulic steel shell furnace is suitable for melting the raw material with capacity of 1.5 tons and up.

Thirdly, reducer type steel shell furnace is compact, flexible and small covering area.

Furthermore, reducer type is not need hydraulic station, it is driven by the overhead motor.

Features:

Instead of the conventional oriented silicon steel sheet, a thinner version is employed, resulting in a higher cost but also less eddy current produced. This reduces the loss and less heat is generated, thus it requires less cooling while still maintaining a good rigidity and compact structure, in addition to its high durability and practicality.

The use of the W-shaped structure not only eliminates the need for water cooling, but further decreases the power consumption as well as the number of water pipeline needed. On top of that, meeting the environmental protection requirements, it also offers a high safety margin and a high 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-1000Kw
inlet power supply (V)	380V/ six phases
inlet current (A)	816A
Direct current voltage (V)	1000
Direct current (A)	1000
medium frequency voltage (+/-10%) V	2400
medium frequency (Hz)	100-400Hz
medium frequency power (Kw)	1000KW

Applications:

Huarui Steel Shell Melting Furnace

The Huarui Steel Shell Melting Furnace is designed to provide a reliable and efficient way of melting metal for a wide range of industrial and manufacturing needs. With its high energy-saving, heat efficiency, durability, and high temperature accuracy, this furnace is the perfect choice for all your metal melting needs. It also has a fast melting time, which ensures that you can get the job done quickly and accurately.

This steel shell furnace is ideal for melting steel, aluminum, iron, copper, brass, bronze, and other metals. It can also be used to melt precious metals such as gold, silver, and platinum. The furnace has an adjustable temperature setting, allowing you to set the temperature according to need. This ensures that the metal is melted at the right temperature, without any risk of overheating.

The Huarui Steel Shell Melting Furnace is also designed with safety in mind, with a number of safety features, like an automatic shut-off when the temperature exceeds the set limits. It also has a self-cleaning system, which helps keep the furnace free of any debris or dust. This ensures that the furnace is always in top condition and ready to use.

This steel shell furnace also offers a great value for money, with its high energy-saving, heat efficiency, and durability. It is a reliable and cost-effective solution for any industrial or manufacturing needs. So, if you are looking for a reliable and cost-effective way to melt metal, the Huarui Steel Shell Melting Furnace is the perfect choice.

Customization:

Steel Shell Melting Furnace

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Huarui
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To be customized
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Melting Time:
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Heat Efficiency:
High
Energy Saving:
High
Durability:
High

Steel Shell Furnace is a special type of furnace made of steel for melting metal. It is a durable, energy-saving, and highly efficient melting furnace with short melting time and high safety.

Support and Services:

Steel Shell Melting Furnace technical support and service offers a comprehensive package of services to ensure your furnace is operating efficiently and safely. We provide technical advice, installation, commissioning, training and maintenance services. Our team of experienced engineers and technicians provide a reliable service to keep your furnace running efficiently and safely.

Technical support: We offer technical advice and assistance with installation, operation and maintenance of your Steel Shell Melting Furnace. Our experienced engineers and technicians can help you with any issues or questions you may have, and can provide troubleshooting to ensure your furnace is operating correctly.

Installation: Our expert engineers and technicians can install your Steel Shell Melting Furnace quickly and efficiently. We ensure that all safety regulations and codes are followed, and that the installation is completed according to the manufacturer's guidelines.

Commissioning: Our experienced engineers and technicians can commission your furnace and verify that it is operating correctly. We can also provide training to ensure that your personnel are familiar with the safe operation of the furnace.

Maintenance: We offer regular maintenance services to ensure that your Steel Shell Melting Furnace is operating efficiently and safely. Our team of experienced engineers and technicians can provide preventive maintenance, repair and replacement services to keep your furnace running smoothly.



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