

## High Safety Steel Shell Melting Furnace High Heat Efficiency

### Our Product Introduction

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#### Basic Information

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



#### Product Specification

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



## Product Description

### Product Description:

#### Steel Shell Structure Induction Furnace for Melting

Two sets of steel shell furnace can be powered by one set of power supply cabinet at the same time. one is for holding the temperature, and the other furnace can be used for melting, of course, they can melt the metal synchronously if necessary. This guarantees continuous molten iron in the casting process.

The entire machine consists of four main parts: steel plate shell, magnetic yoke, insulation material and induction coil. They are all fabricated with the utmost care to ensure maximum efficiency. Special W-shaped construction and thin-walled silicon steel sheet are applied. The latter reduces eddy current, thus decreasing heat generation and power consumption. It also helps reduce water usage since no water is required for cooling.

Our hardworking technical personnel in the department for technological innovation, research and development have successfully developed a steel shell structure induction furnace for melting. This kind of furnace is characterized by its small size, high output, low power consumption and easy operation.

Through continual effort, we have developed multiple Registered Invention Patent. Our team has years of experience in this field and our products have won positive feedback by our customers.

### Features:

This product has excellent performance in terms of energy efficiency, environmental protection and safety. Its rigidity and compact structure make it durable and practical. It has a high heat efficiency, which saves energy and time. The temperature accuracy is also high, and its melting time is short. Its steel shell makes it more durable and reliable than other melting furnaces. It is ideal for steel shell furnace for melting metal, steel shell furnace, and melting furnace made of steel. It is a great choice for all kinds of industries for its high heat efficiency, temperature accuracy, short melting time, energy saving, and durability.

In addition, its low requirements on site condition bring convenience to the construction and maintenance.

Meanwhile, it is easy to install and it can be used in bad working environment.

### Technical Parameters:

Aluminum Shell Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type, (1.5 tons), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW1.5-1000-0.5S
Rated capacity (T)	1.5
Rated power (KW)	1000
rated frequency (HZ)	500
power supply (V)	575
inlet current (A)	1000
medium frequency voltage (V)	2800
load type	One power supply cabinet drives one induction furnace
adapted transformer (KVA)	1000

### Applications:

Huarui steel shell melting furnace is designed to melt metal efficiently. It has to be custom-made to meet the customer's specific needs

## Support and Services:

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### Steel Shell Melting Furnace Technical Support and Service

We provide comprehensive technical support and service for our Steel Shell Melting Furnace product. Our team of highly experienced and certified professionals will work with you to ensure your furnace is running smoothly and efficiently.

Our technicians can provide:

Installation guidance and troubleshooting

Repair and maintenance services

Technical support for furnace operations

Software and hardware upgrades

Regular preventive maintenance

We also offer extended warranties and emergency services to ensure that it can resume to start in good condition in the event of any malfunctions or technical issues. If you have any questions or need assistance with your Steel Shell Melting Furnace, please contact us.

## Packing and Shipping:

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Steel Shell Melting Furnace will be packaged and shipped in the following way:

The machine will be placed in a wooden crate surrounded by foam and other protective materials.

The crate will be strapped and secured to prevent any damage during transportation

The crate will be transported by sea or land depending on the customer's preference.



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