

## Energy Saving customized Steel Shell Melting Furnace High Temperature Accuracy

### Our Product Introduction

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#### Basic Information

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



#### Product Specification

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



## Product Description

### Product Description:

Under the effort of our technical department dedicating to technological innovation, research and development, we have already invented our own technology for this induction melting furnace system. We developed a special steel shell structure induction furnace for melting which consists of four main parts: steel plate shell, magnetic yoke, insulation material and induction coil.

Two sets of steel shell furnaces can be powered by one set of power supply cabinet at the same time, one is for keeping or holding the temperature of molten iron and the other is for melting, both of them can also melt the metal synchronously, this can guarantee continuous molten iron in the casting process. This furnace is designed with a special W-shaped structure which completely does not need water to cool it, therefore reducing power consumption and reducing water pipeline quantity.

In addition, oriented silicon steel sheet are applied and the size of the magnetic yoke is enlarged, this can reduce loss and generate less heat.

It is necessary to adopt dust-proof and splash-proof technology when oil cylinder for tilting the furnace works in a casting environment. Our company's dust-proof and splash-proof technology has already achieved a good working effect.

Insulation board trip is provided for it to prevent screws of induction coil from arcing with the outside space, ensuring equipment can operate more safely and stably.

### Features:

Our products have high energy saving and quick melting speed with excellent environmental protection and safety performance, strong rigidity and compact structure. In addition, they are fabricated to be durable and practical.

These qualities ensure that our products can work with improved efficiency and minimal maintenance.

### Technical Parameters:

Aluminum Shell Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type, (1 ton), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW1.0-700-0.5S
Rated capacity (T)	1.0
Rated power (KW)	700
rated frequency (HZ)	500
power supply (V)	575
inlet current (A)	750
medium frequency voltage (V)	2800
load type	One power supply cabinet drives one induction furnace
adapted transformer (KVA)	800

### Applications:

Huarui steel shell melting furnace is a new generation of induction melting furnace that provides excellent features for a wide variety of metals. Huarui steel shell furnace is suitable for melting various metals such as steel, aluminum, copper, zinc and more.

### Support and Services:

#### Technical Support and Service for Steel Shell Melting Furnace

Our team of experienced professionals provides technical support and service for Steel Shell Melting Furnace. We provide comprehensive assistance in installation, operation and maintenance of the equipment. Our experts can provide on-site assistance and troubleshooting of technical issues as well as advice on safety practices and other operational considerations. We also offer regular maintenance services to ensure your Steel Shell Melting Furnace runs smoothly and efficiently. Our services include cleaning, lubrication and other preventative maintenance as well as repairs and replacements of components. We are available at any time to answer any questions you may have about the operation or maintenance of your Steel Shell Melting Furnace. Our team can provide training and support for your personnel on how to use the Steel Shell Melting Furnace safely and effectively. We can provide customized training plans to ensure that your employees understand the proper procedures for operating the equipment. If you have any questions or need assistance, please don't hesitate to contact us. We are here to help you get the most benefit out of your Steel Shell Melting Furnace.

#### Packing and Shipping:

##### Steel Shell Melting Furnace Packaging and Shipping:

Steel Shell Melting Furnace will be packaged in a firmly reinforced box. Each box will include appropriate cushioning material to protect the furnace during shipping. All parts and components will be secured in the box and the outside of the box will be clearly labelled with the product name, quantity, and destination. The Steel Shell Melting Furnace will be shipped via a reliable carrier with full insurance and tracking details.



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