

## Reliable Easy Operation induction melting Complete Short Melting Time

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Huarui
- Certification: own patent; national testing report ; quality management system certificate
- Model Number: 0.5tons -20tons
- Minimum Order Quantity: 1 sets
- Price: to be negotiated
- Packaging Details: water proof
- Delivery Time: 30~45 days
- Payment Terms: T/T/ L/ C
- Supply Ability: 1000000 sets/ year



### Product Specification

- Feature: Energy Saving
- Safety: Complete
- Melting Time: Short
- Operation: Reliable; Easy
- Melting Speed: Quick
- Durability: High
- Maintenance: Low
- Highlight: **Easy Operation Induction Melting,  
Reliable Induction Melting**



## Product Description

### Product Description:

The thyristor serial-connected electric furnace means capacity inside power supply cabinet is serially connected with induction ring inside the induction melting furnace.

### Features:

The thyristor serial-connected electric furnace is widely used in casting industry and is considered to be one of the lowest power-consuming devices with a power factor of over 0.95. Its power efficiency is much higher when compared with parallel-connected thyristor types – in fact, it can save power up to over 20%. Additionally, this equipment is highly durable and requires no special working environment. It also provides multiple protections such as water pressure detection and temperature detection for water pipeline. Moreover, it offers a much faster melting speed as well as a lower power consumption rate than other types of melting systems. Low failure rate, no malfunctions within five years and easy maintenance process are why it's so widely praised in this industry. Finally, this technology has so matured that high harmonics are no longer a problem, maximum power factor is achievable, and there is no need for power compensation devices or harmonic elimination devices.

### Technical Parameters:

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

Type	DX-8000Kw
inlet power supply ( V )	750V/ six phases
inlet current ( A )	3079
Direct current voltage (V)	2000
Direct current (A)	3800
medium frequency voltage (+-10%) V	3400
medium frequency (Hz)	100-250
medium frequency power (Kw)	8000

### Applications:

widespread applications can be seen in the casting industry for its many benefits. It is able to melt a variety of metals, including copper, aluminum, iron, and steel.

This process is advantageous due to its high efficiency and capacity to handle a wide range of metals. It is also cost effective compared to other manufacturing processes

### Customization:

Induction Melting Furnace System

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Our induction melting furnace system is designed to melt Aluminum, Copper, Aluminum Alloy, Iron, Steel, Gold and Stainless Steel. It is characterized by short melting time, complete safety, high durability, quick melting speed, reliable and easy operation.

## Support and Services:

### Induction Melting Furnace Technical Support and Service

We provide the best technical support and service for Induction Melting Furnace. Our team of experienced engineers and technicians are available to provide a range of services including:

Troubleshooting and diagnostics

Repair and maintenance

System upgrades and enhancements

Consulting and training

Customized solutions

Our team is committed to providing the highest level of customer service. We strive to respond quickly to customer inquiries and to provide timely and professional solutions.



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