

Medium Frequency Industrial Melting Furnace System Low Maintenance

Our Product Introduction

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Basic Information

- Place of Origin: china
- Brand Name: first class
- Certification: Patent ; national testing report; quality management system certificate
- Model Number: medium frequency
- Minimum Order Quantity: 1
- Price: to be negotiated
- Packaging Details: waterproof ; secure ; vibration proof
- Delivery Time: 30~45 days
- Payment Terms: T/T; L/C
- Supply Ability: 1000000 sets/ year



Product Specification

- Power Supply: IGBT Dual Cell Transistor
- Safety: High
- Frequency: Medium Frequency
- Melting Speed: Quick
- Maintenance: Low
- Advantage: Energy Saving
- Highlight: **Industrial Melting Furnace System,
Melting Furnace System Low Maintenance**



Product Description

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Compared with traditional thyristor, constant power output is another important advantage of IGBT medium frequency power supply frequency and power inverter system, approximate constant power output is kept throughout the entire smelting process without being affected by the amount of raw material inside furnace or thickness of furnace lining wall. For traditional thyristor medium frequency power supply system, heating process is affected by magnetic induction volume change. Initially, melting power is so low that melting speed is not quick. Power of thyristor power supply varies according to melting time and magnetic induction volume, power gradually increases from low value to high value, reducing capacity utilization of transformer and increasing production costs. From this point of view, IGBT type can save energy by 3% to 5% or so.

Third generation of IGBT dual unit module frequency electric furnace is currently approved as the most energy-saving medium frequency furnace, it can save 5% of power consumption higher than thyristor serial-connected furnace because it rejects the current-limiting inductor inside thyristor-inverting electric furnace.

many security measures for this such as Hydraulic lock for furnace, Interlock of power supply cabinet door, Grounding protection, drop-roof hood of furnace, Emergency power supply, Detecting system for molten iron leakage out of furnace, Protection against accident due to high temperature of water and water leakage etc..

One power supply cabinet can supply power to one furnace, two furnaces or multiple furnaces at the same time to achieve continuous molten iron in the casting process.

Features:

Energy saving, quick melting speed, top safety, strong durability, low operating noise, high over-load capacity, no special requirements for working environment, simple operation and low maintenance cost.

Technical Parameters:

Induction melting furnace power supply, thyristor type serial-connected resonance medium frequency type, (20 tons), as for other data of other capacity (tons), please check other pages in our this website.

Characteristic	Description
Type	GW20-12000-0.3S
Rated capacity (T)	20
Rated power (KW)	12000
rated frequency (HZ)	300
power supply (V)	950x4
inlet current (A)	1815x4
medium frequency voltage (V)	2800
load type	One power supply cabinet drives two induction furnaces
adapted transformer (KVA)	12000

Applications:

First Class induction melting system is the best choice for customers who need reliable and efficient metal melting process. This melting system is widely applied in casting industry for melting many kinds of metals including iron, steel, copper and aluminum etc..

Support and Services:

Induction Melting System Technical Support and Service

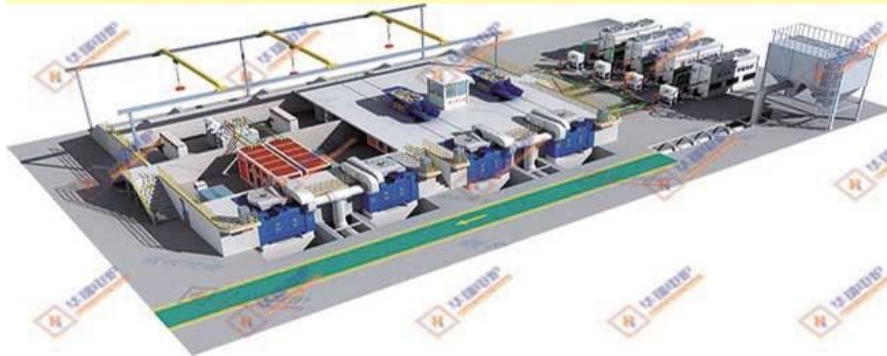
Our induction melting system offers complete technical support and service to ensure that your system is running as efficiently and accurately as possible. We provide the following services to our customers to maintain their systems:

On-site installation and training
Repair, maintenance, and warranty services
Calibration and verification
Consulting and troubleshooting
Software updates and upgrades
Remote monitoring and support

Our highly-trained technicians have the experience and knowledge to provide the highest level of technical support and service for our induction melting systems. We are committed to helping our customers maintain their systems and ensure they are running optimally.

Packing and Shipping:

For our Induction Melting System, we will pack the goods tightly in a professional package. We will use the latest packaging technology to ensure that the goods are not damaged during transportation. We will also label the goods clearly so that they can be easily identified. We will choose the most suitable shipping method to ensure that the goods arrive at the designated place on time. We have established a long-term cooperation relationship with many reliable shipping companies, so we can provide you with professional shipping services.



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