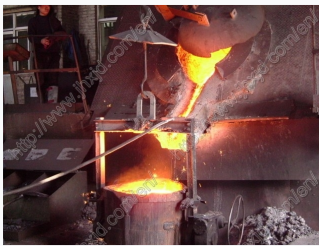


100kg Induction Melting Furnace for Metal Smelting

This induction furnace is designed for cast iron melting. It utilizes induction heating technology for efficient and uniform metal melting.



ADDITIONAL IMAGES



Overview

High-Efficiency Induction Melting Furnace

This 100kg induction melting furnace is a robust and efficient solution designed for nonferrous metal smelting and processing engineering. Utilizing advanced induction heating technology, it provides rapid melting capabilities and precise temperature control, making it ideal for metallurgy and mining applications. The system features a compact, durable design suitable for both small-scale production and laboratory research environments, ensuring consistent high-quality melts with minimal impurities.

Technical Specifications

Rated Capacity	0.1 T
Maximum Capacity	0.11 T
Rated Power	175 KW
MF Frequency	2.5 KHZ

Performance Metrics

Operational Efficiency

0.34 T/H
Melting Rate

18 Minutes/batch
Melting Time

580 KWH/T
Electricity Consumption

Electrical & Cooling

Electrical Requirements

Parameter	Value
Power Input Voltage	380 V
MF Output Voltage	750 V
Transformer Capacity	200 KVA
Pulse	6

Water Cooling Consumption	8 T/H
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