

150kg Iron Induction Melting Furnace

This induction melting furnace is designed for melting iron with high efficiency. It provides good electricity saving, uniform metal component distribution, and easy temperature control.



Overview

High-Efficiency Iron Melting Solution

This 150kg capacity induction melting furnace is engineered for high-efficiency iron melting applications. It features rapid temperature rise, excellent energy-saving capabilities, and precise temperature control, ensuring superior metal component uniformity with minimal burning loss. Designed for industrial reliability, it includes comprehensive protection functions and is suitable for diverse metal processing requirements.

Technical Specifications

Rated Capacity	0.15 T
Maximum Capacity	0.16 T
Rated Power	160 KW
MF Frequency	2.5 KHZ
Power Input Voltage	380 V
MF Output Voltage	750 V

Performance Metrics

Melting Rate

0.41 T/H
Melting Rate

22 Minutes/batch
Melting Time

Energy Efficiency

580 KWH/T
Electricity Consumption

8 T/H
Water Cooling Consumption

System Requirements

Transformer Capacity	250 KVA
Pulse Rating	6

Key Features

Advantages

- Constant power output
- Speedy melting
- Good electricity saving efficiency
- Zero-voltage sweep-frequency start
- Comprehensive protection functions (overcurrent, overvoltage)