

1.5 Ton Cast Iron Melting Induction Furnace

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



Overview

High-Efficiency Induction Melting

This 1.5-ton cast iron melting induction furnace is engineered for the rapid and uniform melting of iron, steel, stainless steel, and various alloys. Featuring constant power output and advanced temperature control, it delivers high melting efficiency with significant energy savings. Its robust design is ideal for foundries and metal casting facilities requiring reliable, high-speed performance.

Technical Specifications

Rated Capacity	1.5 T
Maximum Capacity	1.9 T
Rated Power	800 KW
Melting Rate	2 T/H

Performance Metrics

Key Performance Metrics

60 min/batch

Melting Time

580 KWH/T

Electricity Consumption

35 T/H

Water Cooling Consumption

Electrical Requirements

Electrical Configuration

Parameter	Value
Input Voltage	660 V
MF Output Voltage	1200 V
MF Frequency	0.75 KHZ
Pulse	6/12
Transformer Capacity	1000 KVA

Usage & Advantages

Advantages

- Constant power output for speedy melting
- High electricity saving efficiency
- Zero-voltage sweep-frequency start
- Comprehensive protection systems
- Uniform metal component distribution
- Reduced burning loss

Suitable Materials

Cast Iron, Steel, Stainless Steel, Alloys