

2-Ton Steel Induction Melting Furnace

This steel induction furnace is designed for melting iron, steel, stainless steel, and alloys. It offers high melting efficiency, energy savings, and uniform metal component distribution.



Product Overview

Industrial-Grade Induction Melting

This 2-ton steel induction melting furnace is designed for high-efficiency metal melting in foundries and processing facilities. It features a robust steel frame and an advanced induction coil system that ensures excellent metal uniformity and minimal burning loss. With constant power output and rapid temperature control, this unit is engineered for reliable, high-volume production of iron, steel, stainless steel, and various alloys.

Technical Specifications

Rated Capacity

2 T

Rated Capacity

2.4 T

Max Capacity

Performance Data

Metric	Value
Rated Power	1000 KW
Melting Rate	2.6 T/H
Melting Time	60 Minutes/batch
Electricity Consumption	580 KWH/T

Electrical Requirements

- Input Voltage: 660 V
- MF Output Voltage: 1200 V
- MF Frequency: 0.5 KHZ
- Pulse: 6/12
- Transformer Capacity Required: 125 KVA

Operating Conditions

Cooling System	40 T/H
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Key Features

Advantages	Constant Power Output, Energy Efficient, Zero-Voltage Sweep Start, Rapid Temperature Rise, Comprehensive Protection
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