

300kg Copper Induction Melting Furnace

This copper melting furnace is designed for melting copper and copper alloys. It features high melting efficiency, energy savings, and precise temperature control.



Product Overview

Industrial Induction Melting Furnace

This 300kg induction melting furnace is engineered for the high-efficiency melting of copper and copper alloys. Featuring a durable aluminum shell, it offers rapid temperature rise, excellent energy-saving performance, and precise temperature control. It includes comprehensive safety protection systems, ensuring reliable operation for various industrial casting applications.

Performance Metrics

Key Performance Indicators

0.3 T Rated Capacity	200 KW Rated Power	0.42 T/H Melting Rate	43 min Melting Time
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Technical Specifications

MF Frequency	1 KHZ
Power Input Voltage	380 V
MF Output Voltage	1500 V
Operating Temperature	1300 °C
Electricity Consumption	390 KWH/T
Required Transformer Capacity	250 KVA
Water Cooling Consumption	5 T/H

Features

Protection Functions

- Overcurrent protection
- Overvoltage protection
- Current-limiting protection
- Voltage-limiting protection
- Water-break protection
- Default protection

Key Advantages

Constant power output • Speedy melting • Energy efficient • Zero-voltage sweep-frequency start • Aluminum shell