

# 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

<b>0.3 T</b> Rated Capacity	<b>200 KW</b> Rated Power	<b>0.42 T/H</b> Melting Rate	<b>43 min</b> 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