1.5-Ton Induction Melting Furnace for Copper Alloys

This induction melting furnace is designed for melting copper and copper alloys with high efficiency. It offers good electricity saving, uniform metal component distribution, minimal burning loss, and rapid temperature rise with easy temperature control.

Product Overview

High-Efficiency Copper Melting

This 1.5-ton induction melting furnace is engineered for high-efficiency melting of copper and copper alloys. It features a robust steel frame construction with a hydraulic tilting mechanism for safe and easy pouring. Designed for industrial reliability, the system offers rapid temperature rise, uniform metal composition, and significant energy savings, making it an ideal solution for various casting processes.

Performance Metrics

Key Performance Indicators

1.5 ton	750 kW	1300 °C
Rated Capacity	Rated Power	Operating Temperature

Technical Specifications

Model Comparison

Specification	Model GWT-1.5T-750KW
Rated Power (kW)	750
MF Frequency (kHz)	0.5
Melting Rate (t/h)	2.0
Melting Time (min)	45
Water Cooling Consumption (t/h)	15

Safety & Control

Integrated Safety Systems	Overcurrent Protection, Overvoltage Protection, Current-Limiting Protection, Voltage-Limiting, Water-Break Protection, Thermal Overload Protection, Emergency Shut-off

Operational Features

Key Advantages

- Constant power output for speedy melting
- Zero-voltage sweep-frequency start style
- High electricity saving efficiency
- Excellent metal component uniformity
- Reduced metal burning loss