

500kg Steel Induction Melting Furnace

This steel shell induction melting furnace is designed for melting iron, steel, stainless steel, and alloys. It provides high melting efficiency, energy savings, and uniform metal component distribution with rapid temperature rise.



Product Overview

Industrial Steel Induction Melting Furnace

This 500kg steel induction melting furnace is engineered for high-efficiency melting of iron, steel, stainless steel, and various metal alloys. Featuring constant power output and zero-voltage sweep-frequency start, it offers excellent energy savings and rapid temperature increases. With comprehensive safety protection and precise temperature control, it is an ideal solution for foundries and metal processing facilities demanding consistent, high-quality results.

Performance Metrics

Key Operational Metrics

0.5 T Rated Capacity	400 KW Rated Power	0.95 T/H Melting Rate	650 KWH/T Electricity Consumption
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Technical Specifications

Technical Data Table

Parameter	Value
Model	GW-0.5T-400KW/1.5S
Max Capacity	0.65 T
MF Frequency	1.5 KHZ
Input Voltage	380 V
Output Voltage	750 V
Pulse	6/12
Melting Time	45 Minutes/batch
Transformer Capacity	500 KVA
Water Cooling Consumption	15 T/H

Key Features

Advantages

- Constant power output for speedy melting
- High energy-saving efficiency
- Zero-voltage sweep-frequency start
- Comprehensive safety protection functions
- Good metal component uniformity
- Low burning loss
- Easy temperature control