Aluminum Melting Electric Furnace with Tilting Mechanism

This electric furnace is engineered for melting aluminum and its alloys. It features a tilting mechanism to facilitate the pouring of molten metal.

ADDITIONAL IMAGES

Overview

High-Efficiency Induction Melting

This medium-frequency induction furnace is engineered for the high-efficiency melting of steel, iron, copper, aluminum, and various alloys. It features a robust tilting mechanism for precise pouring and is designed to provide excellent energy savings, uniform metal composition, and minimal burning loss. With advanced protection systems and rapid temperature rise capabilities, it offers reliable performance for demanding industrial casting processes.

Key Advantages

Operational Benefits

- Constant power output for speedy melting
- High energy-saving efficiency
- Zero-voltage sweep-frequency start for frequent operation
- Comprehensive safety protection (overcurrent, overvoltage, water-break)
- Easy operation suitable for all casting processes

Technical Specifications

Model Performance Data

Capacity (t)	Power (kW)	Melt Rate (t/h)	Water Cons. (t/h)
0.15	100	0.17	3
0.3	160	0.27	5
0.5	250	0.42	8
0.75	350	0.59	10
1	500	0.93	15
1.5	750	1.39	20

Electrical Standards

1000 Hz
Rated Frequency

380 V
Inlet Wire Voltage

1500 V
Inductor Voltage

Operating Temperature	780 °C

Logistics

Packaging	Plywood cases, Nude