

# Oil Quenching Furnace for Grinding Balls

This oil quenching furnace is designed for heat treatment processes, specifically for hardening cast grinding balls. It provides uniform heating and precise temperature control, with a quenching tank for rapid cooling.



## Overview

### Industrial Heat Treatment Solution

This high-performance oil quenching furnace is engineered specifically for the quenching and tempering of grinding balls and foundry products. It features advanced dual-screen PID temperature control and PLC programming to ensure consistent, high-quality results. Designed for efficiency, the system offers significant energy savings and robust insulation, making it an ideal choice for high-volume industrial heat treatment lines.

## Technical Specifications

### Model Specifications

Model	Power (kW)	Voltage (V)	Rated Temp (°C)	Inner Size (mm)
GKW-240-C	240	380	1100	750*950*6000
GKW-300-C	300	380	1100	750*950*8300
GKW-340-C	340	380	1100	750*950*10500

Phase Connection	3 Phase (YYY)
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## Performance Features

### Key Advantages

- Energy conservative design (25%–40% savings compared to standard furnaces)
- Superior thermal insulation
- Integrated malfunction alarm and inspection system
- Specialized resistance wire structure for consistent capacity
- Advanced PLC programming with touchscreen control

Supported Quenching Methods	Wind Quenching, Oil Quenching, Isothermal Quenching
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