

# Grinding Ball Heat Treatment Furnace

This heat treatment furnace is designed for quenching and tempering grinding balls and foundry products. It uses a dual screen PID to independently adjust the temperature controller and PLC programming control, with a touch screen and malfunction alarm.



## Overview



Robust steel frame construction with integrated liquid quenching bath for rapid cooling.

## Industrial Heat Treatment Solution

This automated heat treatment furnace is engineered for the precise quenching and tempering of grinding balls and various foundry products. Featuring advanced PLC programming and independent dual-screen PID temperature control, it ensures consistent metallurgical results and high production efficiency. The system is built for demanding industrial environments, incorporating safety alarms and robust construction to support continuous, high-volume operations.

## Performance Metrics



Continuous overhead conveyor system designed for efficient, uniform material handling.

## Key Performance Indicators

**800 kg/h**

Max Capacity

**1100**

Rated Temperature

**22 T**

Weight

## Technical Specifications



Brick-lined interior for heat retention, featuring conveyor loading for batch processing.

### Model Specifications

Model	Power (kW)	Inner Size (mm)
GKW-240-C	240	750*950*6000
GKW-300-C	300	750*950*8300
GKW-340-C	340	750*950*10500

## Electrical & Control



Centralized control panel for precise temperature management and process monitoring.

### Control System Features

- PLC Programming Control
- Dual Screen PID Temperature Controller
- Touch Screen Interface
- Automated Malfunction Alarm System

### Electrical Requirements

380V / 3 Phase / YYY Connection

## Service & Compliance

### Warranty & Support

1 Year Warranty • Overseas Engineering Service Available

### Certifications

ISO9001:2008