

Industrial Hot Air Generator

Industrial hot air generator designed for coal or biomass fuel. The system features a robust construction with advanced controls for temperature management and emission control.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Industrial Hot Air Generation

This direct coal-fired hot air furnace is engineered for high-volume drying and calcining applications across diverse sectors including chemicals, ceramics, and building materials. Utilizing a sophisticated multi-stage process, it combines primary combustion with a secondary purification room to ensure clean, high-temperature air output. The system offers precise temperature control and stability, making it a reliable solution for continuous industrial drying processes.

Technical Performance

Output Temperature Range

100 °C

Min Temperature

900 °C

Max Temperature

Temperature Stability

±5°C

Industrial Application

Suitable Industries

Daily Chemical, Ceramics, Fertilizer, Chemical Industry, Feed Production, Building Materials

System Components

Process Flow

- Coal feeding via chain grate
- Primary combustion chamber
- High-temperature gas purification room
- Secondary combustion and dust settlement
- Cold air mixing chamber

Compatible Drying Equipment

- Spray towers
- Drying furnaces
- Fluidized beds