

Rotary Calcination Kiln

The rotary kiln features a steel plate construction with a refractory lining, set at a specific angle to the horizontal. Its design incorporates wheel belts and a gear ring for controlled rotation driven by a motor and reducer.

Product Overview

Industrial Rotary Calcination Kiln

The Rotary Calcination Kiln is a robust industrial vessel engineered for high-temperature material processing. Constructed from precision-rolled steel plates with specialized internal refractory lining, it facilitates complex physical and chemical decomposition through a controlled rotational movement. It is an essential component for high-capacity calcination processes in various heavy industries.

Technical Composition

Primary Components

- Cylinder and kiln lining
- Wheel belt
- Support device
- Drive device
- Kiln head cover
- Burner
- Smoke chamber
- Heat exchange device
- Feeding equipment

Maintenance

Inspection Checklist

- Drive device inspection
- Wheel belt and support device inspection
- Kiln cylinder inspection
- Sealing device inspection