

Cement Grinding Ball Mill

The cement ball mill grinds clinker and other materials into fine powder. It is composed of a feeding part, discharging part, turning part, and driving mechanism.



ADDITIONAL IMAGES



Overview

Industrial Cement Grinding Solution

This Cement Grinding Ball Mill is an efficient horizontal rotating device designed to grind clinker and other materials into fine powder ranging from 20 to 75 microns. Featuring a robust construction with detachable liners and a cast steel quill shaft, it ensures stable and reliable performance in demanding environments. It is highly versatile, supporting both dry and wet grinding processes for applications in building materials, ceramics, and chemical industries.

Key Features

Grinding Capabilities

- Efficient grinding of materials 1/4 inch and finer
- Adjustable output fineness from 20 to 75 microns
- Supports both dry and wet grinding methods
- Closed-system operation for high efficiency
- Wear-resistant drum with detachable liners

Technical Specifications

Performance Metrics

35 t/h

Max Capacity

1250 kw

Max Power

75 microns

Fine Particle Size

Grinding Media

Ceramic Balls • Steel Balls

Rotation Type

Horizontal rotating device transmitted by outer gear

Model Comparison

Model Specifications Table

Model (m)	Capacity (t/h)	Power (kw)	Weight (t)	Transmission
2.2x7m	8-9	380	54	Edge
2.2x9.5m	14-16	475	70	Edge
2.4x10m	19-19	630	94.5	Edge
2.4x13m	21-23	800	115.2	Edge
2.6x13m	28-32	1000	148	Edge
3x12m	32-35	1250	168.6	Edge

Applications

Target Industries

Building Materials, Ceramic Raw Materials, Chemical Industry, Glass Production, Food Powdering, Varnish Manufacturing

Construction Details

Mechanical Components

- Feeding and discharging parts
- Turning part with casting hobbing gearwheel
- Driving part (Reducer, small driving gear, motor)
- Cast steel quill shaft
- Ladder and ripple liners in the chamber