

# Overflow Ball Mill for Wet Grinding

The overflow type ball mill is designed for grinding materials in wet conditions. Its end cover features a cone shape, which distinguishes it from dry process ball mills.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Wet Grinding Solution

The overflow ball mill is an essential piece of equipment for wet grinding processes, specifically designed for applications in cement, silicate, refractory materials, and ore dressing. Featuring a unique cone-shaped end cover and high-chrome lining plates, this mill ensures efficient, low-noise operation while maintaining durability. Its advanced oil lubrication system reduces bearing wear and maintenance frequency, making it a robust solution for continuous industrial production.

## Key Features

### Design Advantages

- Large diameter double biserial roller bearings for easy maintenance and efficiency
- Cone-shaped discharge end forces steel ball grading for finer particle output
- Overall steel chassis for high precision and simplified installation
- Drum feeder design eliminates impact force for smoother, more efficient operation

## Technical Specifications

### Model Performance Data

Model	Speed (r/min)	Balls Weight (t)	Capacity (t/h)
\$900×1800	36	1.5	0.65-2
\$1200×2400	36	3	1.5-4.8
\$1500×3000	29.7	7.5	2-5
\$1830×3000	25.4	11	4-10
\$2100×3000	23.7	15	6.5-36
\$2400×4500	21	30	8.5-60
\$3200×4500	18	65	Variable

### Input & Output Requirements

**25 mm**

Max Feeding Size

**0.074 mm**

Min Particle Size

## Materials & Components

Construction Materials

High Chrome Steel Lining, High Chrome Steel Balls, Steel Chassis