



Ball Mill

Reach new height with KEFID

- Structure novelty and high efficient
- Reliable production process
- Lower investment and energy saving
- Easy and safe to operate





As China's largest crushing plant, mill equipments and beneficiation plants production base, kefid has exported large quantities and high-end mobile crushing plant and milling equipments to Russia, Kazakhstan, Indonesia, Ecuador, South Africa, Nigeria, Turkey more than 100 countries and regions and have solved about thousands of and beneficiation projects all over the world, which has made tremendous contributions to the local construction, mining industry and developments.

Ball mill is suitable to grind various mineral and other materials, which is widely used in various industries such as beneficiation, construction materials, chemical industry, etc, it has two ore grinding way: dry way and wet way. The ball mill can grind the material effectively and ensure the efficiency and the stable operation of the production line. The equipment played an important role in new building materials, fireproof materials, fertilizer, ferrous and non-ferrous metal ore beneficiation, glass, ceramics, etc.



Ball mill is the powerful tool of the Grinding equipment

1. Increase efficiency. The size of feed opening owns large caliber, which enlarge handling capacity and increase the efficiency obviously.

2. Stable operation. The equipment operates steadily without inertial impact.

3. Reduce the loss. The rotary rack wheel uses casting gear hobbing and inside the cylinder there is wear-resisting lining board which has fine abrasion performance.

4. Easy to maintain. The hollow shaft uses steel casting, the inner lining can be dismantled and changed, so it reduce the loss.



Technical Parameters of Ball Mill

Mm to inch conversion: 25.4millimeters=1 inch The humidity and hardness of raw material will affect the fineness and capacity.

| Model | Speed of bucket (r/min) | Weight of ball (t) | Size of feed opening (mm) | Size of outputting feed (mm) | Production (t/h) | Power (kW) | Weight (T) |
|------------|-------------------------|--------------------|---------------------------|------------------------------|------------------|------------|------------|
| Φ900×1800 | 38 | 1.5 | ≤20 | 0.075-0.89 | 0.65-2 | 18.5 | 3.6 |
| Φ900×3000 | 38 | 2.7 | ≤20 | 0.075-0.89 | 1.1-3.5 | 22 | 4.6 |
| Φ1200×2400 | 32 | 3.8 | ≤25 | 0.075-0.6 | 1.5-4.8 | 45 | 12.5 |
| Φ1200×3000 | 32 | 5 | ≤25 | 0.075-0.4 | 1.6-5 | 45 | 12.8 |
| Φ1200×4500 | 32 | 7 | ≤25 | 0.075-0.4 | 1.6-5.8 | 55 | 13.8 |
| Φ1500×3000 | 27 | 8 | ≤25 | 0.075-0.4 | 2-5 | 90 | 17 |
| Φ1500×4500 | 27 | 14 | ≤25 | 0.075-0.4 | 3-6 | 110 | 21 |
| Φ1500×5700 | 27 | 15 | ≤25 | 0.075-0.4 | 3.5-6 | 132 | 24.7 |
| Φ1830×3000 | 24 | 11 | ≤25 | 0.075-0.4 | 4-10 | 180 | 28 |
| Φ1830×6400 | 24 | 23 | ≤25 | 0.075-0.4 | 6.5-15 | 210 | 34 |
| Φ1830×7000 | 24 | 25 | ≤25 | 0.075-0.4 | 7.5-17 | 245 | 36 |
| Φ2200×5500 | 21 | 30 | ≤25 | 0.075-0.4 | 10-22 | 370 | 48.5 |
| Φ2200×6500 | 21 | 30 | ≤25 | 0.075-0.4 | 14-26 | 280 | 52.8 |
| Φ2200×7500 | 21 | 33 | ≤25 | 0.075-0.4 | 16-29 | 380 | 56 |
| Φ2200×9500 | 21 | 38 | ≤25 | 0.074-0.4 | 18-35 | 475 | 62 |

Note: Any change of Ball Mill technical data shall not be advised additionally.

The analysis of large-scale grinding plant

Kefid 2000t/d Gold Ore Crushing Line In South Africa



Processed Material: Gold Ore

Mine Method: Underground

Product Size: 0-15mm

Capacity: 2000t/d

Equipment: Jaw crusher、HPT Series High-Efficiency Hydraulic Cone Crusher、Ball mill.

Kefid Gold Ore Upgrading Project In China



Raw material: Gold ore

Production size: 200 mesh

Capacity: 2000t/d

Equipment: Ball mill、Flotation machine.



The Strength of Kefid

Kefid Machinery is a leading and pioneering enterprise with the most advanced international level in R&D, manufacturing and selling of large-scale crushing & screening plants and beneficiation plants. Located in a historic city and transportation hub in central China-Zhengzhou, covering 140 thousand square meters, Kefid has Shangjie and High-tech zone two production bases. Shangjie Zone which covers 80,000 square meters has three heavy-duty and modern integrated assembling workshops--occupying 50,000 square meters; High-tech zone has 22 floors R&D Management laboratory building with 26,000 square meters, comprehensive equipments exhibition hall with 5,100 square meters, heavy-duty and modern integrated assembling workshop with 10,000 square meters, and also has the industry's most advanced machining workshop 20,000 square meters, and hundred sets of advanced large-scale vertical lathe, fixed lathe, planner, boring lathe, grinder and milling machines.



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Your profit is our greatest concern and your praise is the biggest compliment that we diligently strive for. Our aim is, with the core of service, tailored for you the most valuable products with comprehensive pre-sale, sale and after sale service.

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SPARE PARTS

Grinding Plant



Ring



Roller



Shovel Base



Hinged support



Classifier Impeller

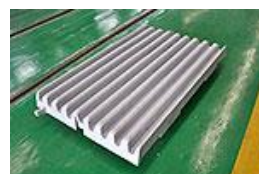
Crushing Plant



Weights for movable



Fixed jaw plate



Movable jaw plate



Lining board



wedge

Sand-making Equipment



Circum Guard plate



Impact Plate



Impact Block



Hammer



wearproof Plate

PRODUCT LIST

Stationary Crushers

JC Series Jaw Crusher
Jaw Crusher
C6X Series Jaw Crusher
Primary Impact Crusher
CI5X Series Impact Crusher
Impact Crusher
CS Cone Crusher
Spring Cone Crusher
HPT Cone Crusher
Deep Rotor VSI Crusher
B Series VSI Crusher
VSI6S vertical shaft impact crusher

VU System Equipment

Dry Sand Making System
Dry-Mixed Mortar Sand Making Equipment
Concrete-Use Sand Making Equipment

Grinding Mills

Ultra Fine Vertical Grinding Mill
VM - Vertical Grinding Mill
European Tech. Grinding Mill
Micro Powder Mill
Raymond Mill
Ball Mill

Washing & Screening

F5X Heavy Vibrating Feeder
Screw Sand Washing Machine
Wheel Sand Washing Machine
Vibrating Feeder
Belt Conveyor

K series mobile plants

Primary mobile crushing plant
Mobile Secondary Crushing & Screening Plant
Independent Operating Combined Mobile Station
Fine crushing and screening mobile station
Fine crushing & washing mobile station
Three combinations mobile crushing plant
Four combinations mobile crushing plant

Crawler Mobile Crusher

Ore Beneficiation

Jaw Crusher
HPT Cone Crusher
Ball Mill
Rotary Kiln
Flotation Machine
High Gradient Magnetic Separator

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