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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed of bucket (r/min)</th>
<th>Weight of ball (t)</th>
<th>Size of feed opening (mm)</th>
<th>Size of outputting feed (mm)</th>
<th>Production (t/h)</th>
<th>Power (kW)</th>
<th>Weight (T)</th>
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</thead>
<tbody>
<tr>
<td>Φ900×1800</td>
<td>38</td>
<td>1.5</td>
<td>≤20</td>
<td>0.075-0.89</td>
<td>0.65-2</td>
<td>18.5</td>
<td>3.6</td>
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<tr>
<td>Φ900×3000</td>
<td>38</td>
<td>2.7</td>
<td>≤20</td>
<td>0.075-0.89</td>
<td>1.1-3.5</td>
<td>22</td>
<td>4.6</td>
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<tr>
<td>Φ1200×2400</td>
<td>32</td>
<td>3.8</td>
<td>≤20</td>
<td>0.075-0.6</td>
<td>1.5-4.8</td>
<td>45</td>
<td>12.5</td>
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<tr>
<td>Φ1200×3000</td>
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<td>5</td>
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<tr>
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<td>7</td>
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<td>0.075-0.4</td>
<td>1.6-5.8</td>
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<td>8</td>
<td>≤25</td>
<td>0.075-0.4</td>
<td>2.5</td>
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<td>≤25</td>
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<td>4-10</td>
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<td>Φ1830×6400</td>
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<td>0.075-0.4</td>
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<tr>
<td>Φ1830×7000</td>
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<td>≤25</td>
<td>0.075-0.4</td>
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<td>Φ2200×5500</td>
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<td>0.074-0.4</td>
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<td>475</td>
<td>62</td>
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</tbody>
</table>

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