



## Ball Mill Laboratory 1-10 Ton Per Hour Capacity Powder Making For Ceramic Industries

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: ASCEND
- Certification: CE/ISSO9001
- Model Number: different needs
- Minimum Order Quantity: 1 set
- Price: USD 3500-30000 Per set
- Packaging Details: Water and rust proof in wooden box or cotainer
- Delivery Time: 10 days
- Payment Terms: Western Union, T/T, L/C, MoneyGram
- Supply Ability: 10 set per month



### Product Specification

- Material: Steellron,High Manganese Steel
- Dimensions: Customer Needs
- Application: Mining,Industry,cement,mine
- Process: Raw Material Quenching
- Usage: For Ball Mill And Rod Mill
- Type: Chrome Forged Steel Ball For Ball Mill
- Quality Control: Professional Inspection
- Highlight: **Ceramic Industries Ball Mill, Laboratory Ball Mill , Powder Making Ball Mill**



### More Images



## Product Description

### Stone Rotary Ball Mill Basalt Granite Clay Grinding Machine For Gold Concentrate Machinery

## Product Description

### Applications of GMF Superfine Ball Mill Grinding Production Line:

- (1) Soft materials: calcite, marble, limestone, kaoline, gesso, barite, coal ash and slag, etc.
- (2) Hard materials: carborundum, brown corundum, superfine cement, zirconium sand, and fire-proof materials, etc.
- (3) High purity materials: quartz, feldspar,  $\alpha$ -alumina, glass fine bead, etc.
- (4) Metal powders: zinc powder, aluminum powder, iron powder, and molybdenum powder, etc.

### Advantages of Ball Mill

1. Low energy consumption: GMF superfine ball mill production line adopted high advanced energy-saving technology and classification technique; as a result, our production line can save over 40% energy for producing same quantity materials.
2. Several times of classification could be obtained:  
Finished product fineness after classification: 120-200mesh, or 200-325mesh, or 325-2500mesh, or 2500-6,250mesh ( $d_{97} \leq 2\mu m$ ). According to customer requirements.
3. Adopted highly advanced self-diffluent classification system:
4. Scientific grinding medium enable us to produce large quantity superfine particles.
5. Different lining boards and grinding mediums are available for milling different materials, so as to guarantee the purity and whiteness of finished products.
6. Scientific machine structure enables a lower investment cost;
7. Low failure rate and stale operation: because our ball mills and classifiers in the production lines are PLC controlled and have high automation;
8. Negative pressure production condition gives a good production environment;
9. High annual production capacity: 5-500 thousand tons.

## Detailed Images

### Spare Parts

### Working Principle

The wet ball mill needs to add an appropriate amount of water or absolute ethanol during the grinding process, which means that there are certain requirements for the concentration of grinding. The amount of water is determined by the nature of the material. Qualified materials are discharged out of the cylinder through the discharge part, and unqualified materials are returned to the wet ball mill again for re-grinding.

## Main Technical Parameters

Model	Shell rotation speed (r/min)	Ball load (t)	Feeding size (mm)	Discharging size (mm)	Capacity (t/h)	Motor power (kw)	Total weight (t)
900×1800	36-38	1.5	<20	0.075-0.89	0.65-2	18.5	5.85
900×3000	36	2.7	<20	0.075-0.89	1.1-3.5	22	6.98
1200×2400	36	3	<25	0.075-0.6	1.5-4.8	30	13.6
1200×3000	36	3.5	<25	0.074-0.4	1.6-5	37	14.3
1200×4500	32.4	5	<25	0.074-0.4	1.6-5.8	55	15.6

1500×3000	29.7	7.5	<25	0.074-0.4	2-5	75	19.5
1500×4500	27	11	<25	0.074-0.4	3-6	110	22
1500×5700	28	12	<25	0.074-0.4	3.5-6	130	25.8
1830×3000	25.4	11	<25	0.074-0.4	4-10	130	34.5
1830×4500	25.4	15	<25	0.074-0.4	4.5-12	155	38
1830×6400	24.1	21	<25	0.074-0.4	6.5-15	210	43
1830×7000	24.1	23	<25	0.074-0.4	7.5-17	245	43.8
2100×3000	23.7	15	<25	0.074-0.4	6.5-36	155	45
2100×4500	23.7	24	<25	0.074-0.4	8-43	245	56
2100×7000	23.7	26	<25	0.074-0.4	12-48	280	59.5
2200×4500	21.5	27	<25	0.074-0.4	9-45	280	54.5
2200×6500	21.7	35	<25	0.074-0.4	14-26	380	61
2200×7000	21.7	35	<25	0.074-0.4	15-28	380	62.5
2200×7500	21.7	35	<25	0.074-0.4	15-30	380	64.8
2400×3000	21	23	<25	0.074-0.4	7-50	245	58
2400×4500	21	30	<25	0.074-0.4	8.5-60	320	72

## Packing&Shipping

## Working Sites

## Company Profile

Henan Ascend Machinery & Equipment Co., Ltd. was established in 2005 and it is located in the high-tech zone of Zhengzhou City, Henan Province. As a technology driven mining equipment company, it is committed to the R&D, production, sales and after-sales service of mining machinery and equipment.

The company's main products are crushers, grinding mill equipment, mineral beneficiation equipment, rotary dryer and crusher & grinding mill spare parts. In addition to the Chinese domestic market, Ascend machinery expands its business in more than 160 countries and regions.

## Our Workshop

## FAQ

### Q1. Are you factory or trading company?

We are factory specialized in manufacturing stone crushers, grinding mills, beneficiation equipments and other mining equipments. Our office and factories are based in Zhengzhou, China. Because we are factory, so we can guarantee the machine quality and we can give you very competitive factory price without extra agent cost.

### Q2. To which country your products have been exported before?

In Africa, We have exported to Sudan, Kenya, Zambia, Ethiopia, Zimbabwe, Guinea, Nigeria and so on. We also exported South Africa, Chile, Peru, Ecuador, New Zealand, America, Austrilia more than 160 countries. Our equipment and service have won very high reputation in these countries.

### Q3. How will you help the customer install the equipment?

We will send our senior engineer to your place to guide the installation and commissioning.

**Q4. How about the wear parts supply?**

We offer wear parts to our customer with our most favorable price. If there are problems you could not handle, we will send our technicians to your place.

**Q5.What about the payment method?**

T/T, Paypal, Western Union, L/C is available.

**Q6.What about after-sale service?**

12 months warranty for all kinds of products; and you will get our 7\*24h online service.


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