



## Low Consumption Mining Powder Grinding Machine Dry / Wet Type Limestone Gold Ore Ball Mill

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE/ISSO9001
- Model Number: 900x1200, 1200x1500 1500x3000 1830x3000
- Minimum Order Quantity: 1 set
- Price: 6888-10888USD
- Packaging Details: regular package
- Delivery Time: 7-10 work days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 50 set per month



### Product Specification

- Application: Gold Ore Crushing And Grinding
- Product Name: Ball Mill
- Usage: Mining Ore Grinding
- Liner Material: Mn13Cr2
- Motor: AC Motor
- Voltage: 380V
- Warranty: 12 Months
- Ball Mill Liner: Manganese Alloy Steel
- Service: Under Supervision Of Our Engineer
- Equipment Condition: New
- Names: Batch Ball Mill
- Spare Parts: Ball Mill Liner And Steel Balls
- Output Size: 0.07-0.4(mm)
- Models: Different Types
- Installation: Under Supervision Of Our Engineer



### More Images



## Product Description

### Low Consumption Mining Powder Grinding Machine Dry/wet Type Ball Mill

Ball mill is an efficient tool for grinding many materials into fine powder, it is widely used in building material, and chemical industry, can be divided into tabular type and flowing type according to different expelling mine, There are two ways of grinding: the dry way and the wet way. It also named as rod mill.



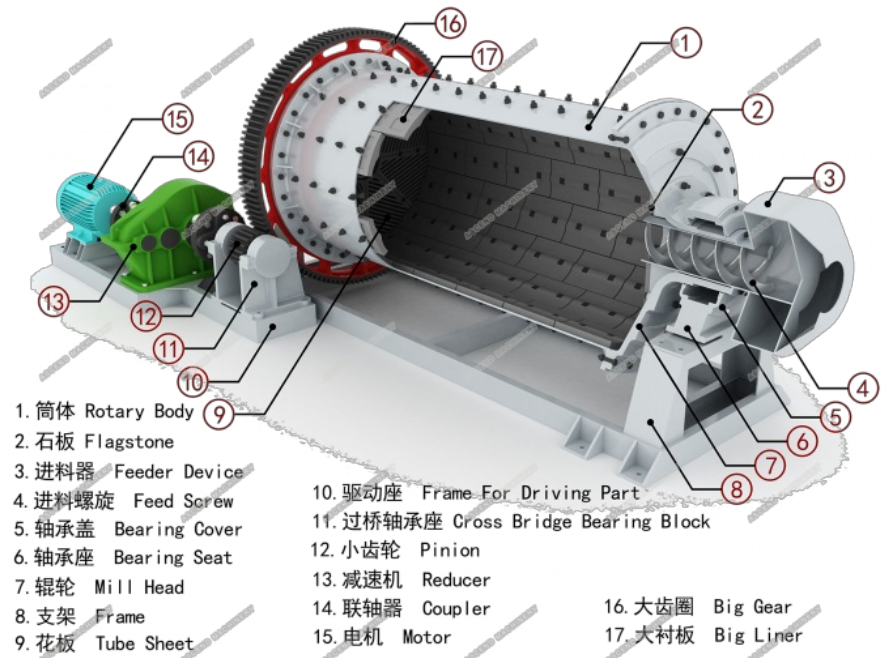
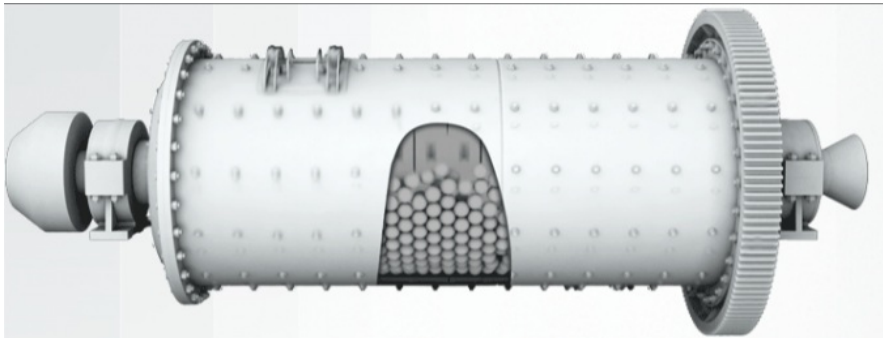


**Features:**

- 1.It is an efficient tool for grinding many materials into fine powder.
- 2.Two ways of grinding: the dry way and the wet way.
- 3.Ultimate particle size depends entirely on how hard the material you're grinding is.
- 4.Easy operation and maintenance

**spare parts****working principle and structure**

The Energy-Saving Ball Mill is a horizontal rotating device transmitted by the outer gear. The materials are transferred to the grinding chamber through the quill shaft uniformly. There are ladder liner and ripple liner and different specifications of casting steel balls in the chamber. The centrifugal force caused by rotation of barrel brings the steel balls to a certain height and impact and grind the materials. The ground materials are discharged through the discharging board thus the grinding process is finished.



#### Grinding Medium:

The steel balls are in point contact with each other, and the steel rod of rod mill is in line contact with each other.

#### Medium Filling Rate:

Medium filling rate refers to the grinding medium percentage in the mill volume. For different grinding methods, mill structures, medium shapes and operating conditions, the medium filling rate has a available range.

Generally, the filling rate of ball mill is 40% – 50%, and that of rod mill is 35% – 45%.


#### Ball mill specifications


Model	Shell rotation speed (r/min)	Ball load (t)	Feeding size (mm)	Discharging size (mm)	Capacity (t/h)	Motor power (kw)	Total weight (t)
Φ900×1800	36-38	1.5	<20	0.075-0.89	0.65-2	18.5	5.85
Φ900×3000	36	2.7	<20	0.075-0.89	1.1-3.5	22	6.98
Φ1200×2400	36	3	<25	0.075-0.6	1.5-4.8	30	13.6
Φ1200×3000	36	3.5	<25	0.074-0.4	1.6-5	37	14.3
Φ1200×4500	32.4	5	<25	0.074-0.4	1.6-5.8	55	15.6
Φ1500×3000	29.7	7.5	<25	0.074-0.4	2-5	75	19.5
Φ1500×4500	27	11	<25	0.074-0.4	3-6	110	22
Φ1500×5700	28	12	<25	0.074-0.4	3.5-6	130	25.8

Φ1830×3000	25.4	11	<25	0.074-0.4	4-10	130	34.5
Φ1830×4500	25.4	15	<25	0.074-0.4	4.5-12	155	38
Φ1830×6400	24.1	21	<25	0.074-0.4	6.5-15	210	43
Φ1830×7000	24.1	23	<25	0.074-0.4	7.5-17	245	43.8
Φ2100×3000	23.7	15	<25	0.074-0.4	6.5-36	155	45
Φ2100×4500	23.7	24	<25	0.074-0.4	8-43	245	56
Φ2100×7000	23.7	26	<25	0.074-0.4	12-48	280	59.5
Φ2200×4500	21.5	27	<25	0.074-0.4	9-45	280	54.5
Φ2200×6500	21.7	35	<25	0.074-0.4	14-26	380	61
Φ2200×7000	21.7	35	<25	0.074-0.4	15-28	380	62.5
Φ2200×7500	21.7	35	<25	0.074-0.4	15-30	380	64.8

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