



## 900x1800 900x3000 Dry Grinding Ball Mill Machine For Gold Silver Copper Iron Ore Powder Making With 1 2 3 Tph Capacity

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: ASCEND
- Certification: ISO9001
- Model Number: 900x1200,900x1800,900x3000,1200x2400,1200x3000
- Minimum Order Quantity: 1 set
- Price: USD 6299-7799 set
- Packaging Details: Water and rust proof in wooden box or container
- Delivery Time: 7-10 work days
- Payment Terms: T/T, Western Union
- Supply Ability: 30 set per month



### Product Specification

- Product Name: Ball Mill Crusher
- Keywords: Stone Grinding Machine
- Feeding Size: 20mm
- Color: According To Customer Requirement
- Capacity: 0.5-40 Tons Per Hour
- Output Size: 0.1-0.178mm
- Highlight: 900x3000 dry grinding ball mill machine, 900x1800 dry grinding ball mill machine, Dry Grinding Ball Mill Machine



### More Images



### Ball mill grinding machine for rock ore powder making

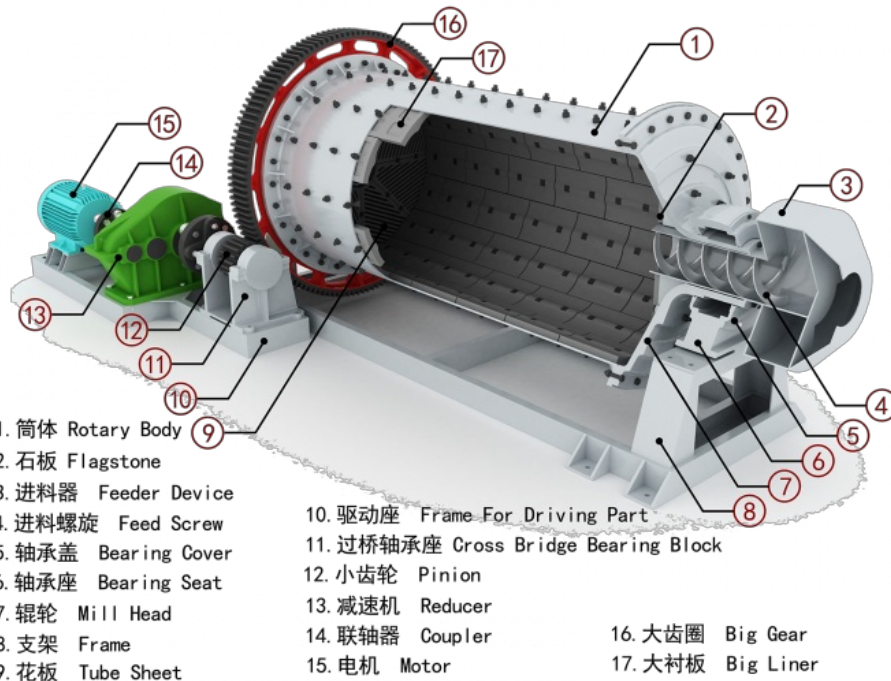
The ball mill is the key equipment for grinding the material to powder after it is crushed. It is suitable for grinding various ores and other materials, is widely used in mineral processing, building materials, chemical industry and other industries. It uses the steel balls as the grinding medium, and achieves fine grinding of the materials through mutual impact and grinding between the steel ball and materials. According to different grinding methods, it can be divided into two types: dry and wet. And according to different discharge methods, it can be divided into two types: grate type and over fall type.





### Working principle

The ball mill grind machine is composed of feeding part, discharging part, rotating part, transmission part (reducer, small transmission gear, motor, electric control) and other main parts. The motor drive the speed reducer, the speed reducer drive the small gear, the small gear drive the big gear, the big gear drive the rotary body moving. The material enters from the feeding mouth, and ground into powder by the impact of steel balls and ore and self-grinding. There is a grate at the discharging mouth (at the big gear) for filtering. Due to continuous feeding materials, the pressure pushes the material to the discharging mouth, the small particles go out from the grate to the discharging mouth, and the big particles continue to grind. The ore pulp surface in the cylinder is low, which reduces the over-grinding of ore and prevents the steel balls from falling out. Under the same production conditions, the production capacity of the grid mill is greater than that of the overflow mill. Rolling bearings are used at both ends of the cylinder instead of sliding bearings, which is more energy-efficient.



### Advantages

**Wide range of applicable materials:** The ball mills can process more than 100 different mineral raw materials. It can be operated dry or wet, and can also be dried and ground at the same time. While grinding, the materials are mixed, stirred, and homogenized (separate grinding technology, "blending" cement).

**Large crushing ratio:** Compared with other grinding equipment, the ball mill has a higher crushing ratio and can grind materials to finer particle sizes.

**Strong production capacity:** By adjusting the discharge mouth, the ball mill can grind materials with different fineness requirements to meet different production needs.

**Easy maintenance:** The ball mill is made of wear-resistant materials and has a long service life. At the same time, its maintenance process is relatively simple, which saves a lot of time and cost for the enterprise.



**Energy saving and environmental protection:** Equipped with advanced dust removal and noise reduction equipment, the ball mill reduces environmental pollution while also improving production efficiency.

**Specification**

Model	Rotation speed (r/m)	Grind media (ton)	Feed size (mm)	Discharge size (mm)	Capacity (t/h)	Motor (KW)	Weight (ton)
900x1200	36	1.0	0-25	0.074-0.4	0.5-1.5	18.5	4
900x1800	36	1.5	0-25	0.074-0.4	0.5-2	22	4.8
900x2100	38	1.5	0-25	0.074-0.4	0.5-2	22	4.8
900x2400	38	1.8	0-25	0.074-0.4	0.7-2.8	22	4.8
900x3000	38	2.5	0-25	0.074-0.4	0.8-3.5	30	5.0
1200x2400	32	3.8	0-25	0.074-0.4	0.9-4.8	30	9.2
1200x3000	32	4.5	0-25	0.074-0.4	1.2-5.6	37	11.5
1200x4500	30	5.5	0-25	0.074-0.4	1.5-6.0	55	13.6
1500x3000	27	7.0	0-25	0.074-0.4	2.5-6.5	75	15.0
1500x3500	27	8.5	0-25	0.074-0.4	3.0-8.2	75	15.6
1500x4500	27	11	0-25	0.074-0.4	4-10	95	21.0
1500x5700	27	12	0-25	0.074-0.4	4-13	110	23.5
1830x3000	24	12	0-25	0.074-0.4	5-15	130	31.0
1830x3600	24	13	0-25	0.074-0.4	5-16	130	32.0
1830x4500	24	14	0-25	0.074-0.4	5-18	155	33.5
1830x7000	24	21	0-25	0.074-0.4	6-20	210	36.0
2100x3000	24	18	0-25	0.074-0.4	7-26	210	38.0
2100x3600	24	21	0-25	0.074-0.4	7-35	215	39.5
2100x4500	24	26	0-25	0.074-0.4	8-42	245	43.5
2400x3000	21	23	0-25	0.074-0.4	8-60	285	55.0

**Main parts & Spare parts**



**Factory overview**



### Shipping & Packing



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