

Limestone Gypsum Quartz Rock Grinding Machine Ball Mill Crusher 1500x4500 1500x5700 With 5 10 Tons Per Hour Capacity In African Countries

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: Limestone Ball Mill Crusher,
Gypsum Ball Mill Crusher,
1500x5700 Ball Mill Crusher



More Images



Product Description

Ball mill grinding machine for rock ore powder making

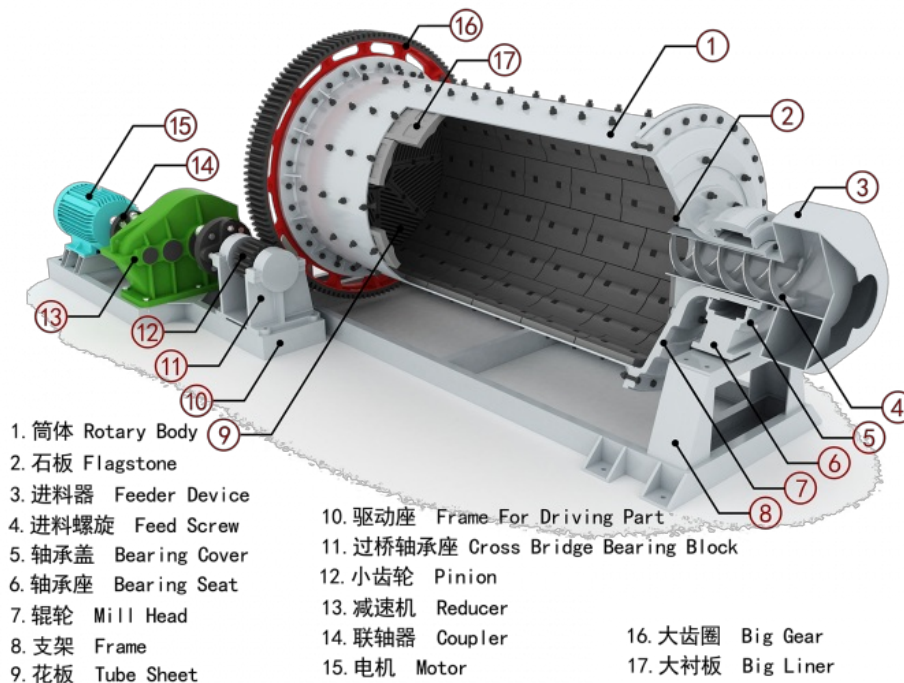
The ball mill is the key equipment for grinding the material to powder after it is crushed. It is suitable for grinding various ores and other materials, is widely used in mineral processing, building materials, chemical industry and other industries. It uses the steel balls as the grinding medium, and 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

Ball mill has many significant advantages. It has strong material adaptability, can process various ores and materials, can be continuously mass-produced, and can meet the needs of modern industry. It has a large crushing ratio, and is easy to adjust the product fineness and uniform particle size. It can adapt to dry and wet production, and can also combine drying and grinding. It has a simple structure, reliable operation, can run continuously for a long time, and is easy to maintain and manage. In addition, it has a good sealing device to prevent dust from flying, and is environmentally friendly.

Specification

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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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