



China Ascend Wet Grinding Ball Mill 1200x2400 1200x4500 With 5 Tons Per Hour Capacity For Gold Silver Iron Ore Grinding

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, 1200x4500, 1500x3000, 1500x4500
- Minimum Order Quantity: 1 set
- Price: USD 6999-7999 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

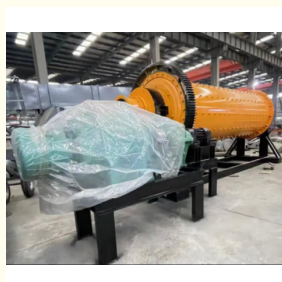


Product Specification

- 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
- Weight: Depend On Different Models
- Highlight: 1200x4500 wet grinding ball mill, Iron ore wet grinding ball mill



More Images



Product Description

Ball mill grinding machine for rock ore powder making

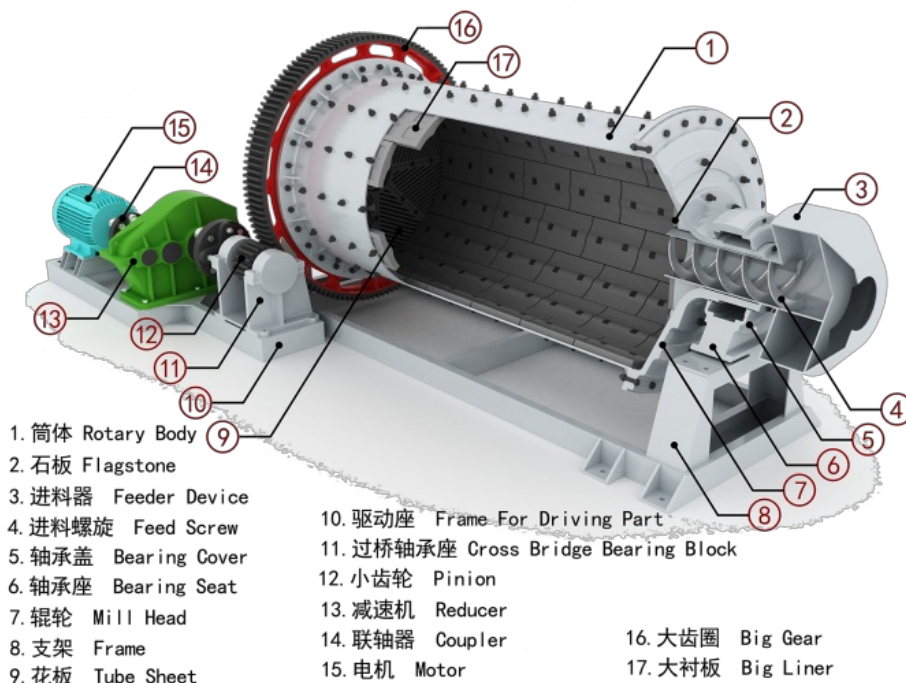
Ball mill is a key equipment for grinding crushed materials into powder. It is suitable for grinding various ores and other materials, and is widely used in mineral processing, building materials, chemical industry and other industries. Steel balls are used as grinding media, and the materials are finely ground through mutual impact and grinding between the steel balls and the materials. According to different grinding methods, it can be divided into dry type and wet type. According to different discharge methods, it can be divided into large-caliber discharge pump and overflow discharge pump.





Working principle

The ball mill is composed of the feeding part, the discharging part, the rotating part, the transmission part (reducer, small transmission gear, motor, electronic control) and other main parts. The motor drives the reducer, the reducer drives the small gear, the small gear drives the large gear, and the large gear drives the rotor to move. The material enters from the feed port and is crushed into powder after the impact and self-crushing of the steel ball and the ore. There is a grid at the exhaust port (large gear) for filtering. As the material is continuously fed, the pressure forces the material to flow out through the discharge port, small particles are discharged from the grid, and large particles continue to be crushed. The low surface area of the slurry in the cylinder can reduce the excessive crushing of the ore and prevent the steel ball from falling. Under the same production conditions, the production capacity of the grate mill is greater than that of the overflow mill. It uses rolling bearings instead of sliding bearings at both ends of the cylinder, 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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