

Quartz Sand Ball Mill Crusher

Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE
- Model Number: 900x1200, 1200x1500 1500x3000 1830x3000
- Minimum Order Quantity: 1 set
- Price: USD 3800-38000 Per set
- Packaging Details: Water and rust proof in wooden box or cotainer



Product Specification

- Name: Wet And Dry Ball Mill
- Classification: Small Grinding Ball Mill
- Useage: Mineral Ore Crushing And Grinding
- Voltage: 380V 50Hz
- Spare Parts: Ball Mill Liner And Steel Balls
- Color: Customized
- Standard: Client Specification
- Packing: Dry Packing
- Highlight: Mining dry ball mill,
Quartz Sand ball mill grinder,
mineral ore ball mill grinder



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Product Description

Mineral ore grinding ball mill machine

Ball mill is an efficient machine for fine powder grinding after the crushing process. There are two ways of ball mill grinding: the dry way and the wet way. It is used to grind many kinds of mineral ores and other materials, or to select mine. Ball mill is also widely used in the building and chemical industries, such as cement, silicate, new building material, refractory material, fertilizer, ferrous metal, nonferrous metal and glass ceramics.

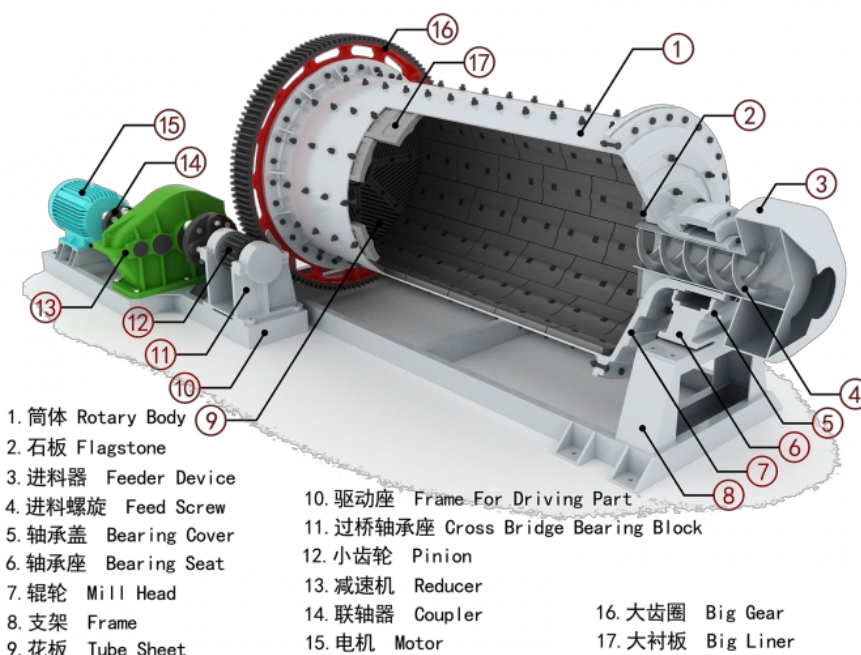
Application field:

Quarry, mining, coal mining, concrete batching plant, dry mortar, power plant desulfurization, quartz sand, etc



Working principle

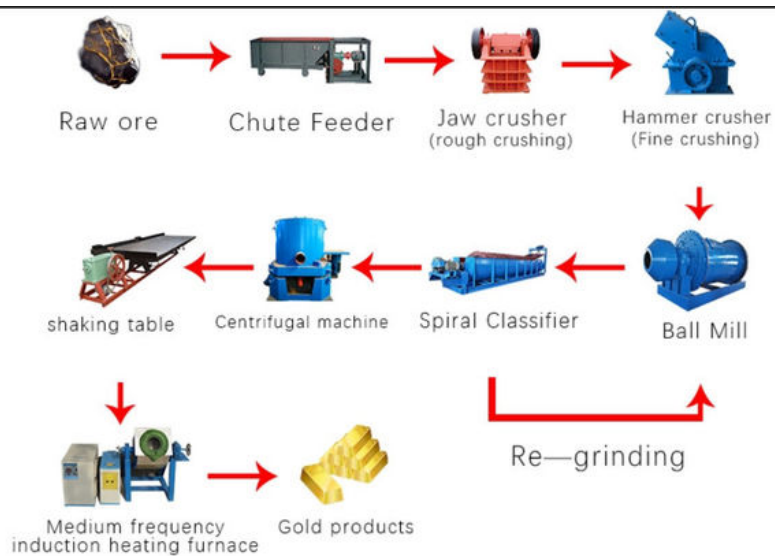
ball mill is a horizontal rotating device transmitted by the outer gear. The materials are transferred to the grinding chamber through the quill shaft uniformly. There are ladder liner and ripple liner and different specifications of steel balls in the chamber. The centrifugal force caused by rotation of barrel brings the steel balls to a certain height and impact and grind the materials into fine powder over a period of several hours. The ground materials are discharged through the discharging board thus the grinding process is finished.



Product advantages

1. Large capacity and continuous operation
2. Big feeding port, strong wearproof ability
3. Barrel lining and grinding media can apply various abrasive materials
4. Convenient and easy to install and adjust
5. Large application range, simple structure and convenient maintenance

6. Adopting new-type bearings reduces the energy consumption



Ball mill liners and steel balls



Specifications

Model	Shell rotation speed(r/min)	Ball load	Feeding size	Discharging size	Capacity	Motor power	Weight
		(t)	(mm)	(mm)	(t/h)	(kw)	(t)
Ø 900*1800	36-38	1.5	< =20	0.075-0.89	0.65-2	18.5	4.6

Ø 900*3000	36	2.7	< =20	0.075-0.89	1.1-3.5	22	5.6
Ø 1200*2400	36	3	< =25	0.075-0.6	1.5-4.8	30	12
Ø 1200*3000	36	3.5	< =25	0.074-0.4	1.6-5	37	12.8
Ø 1200*4500	32.4	5	< =25	0.074-0.4	1.6-5.8	55	13.8
Ø 1500*3000	29.7	7.5	< =25	0.074-0.4	2.0-5.0	75	15.6
Ø 1500*4500	27	11	< =25	0.074-0.4	3.0-5.0	110	21
Ø 1500*5700	28	12	< =25	0.074-0.4	3.5-6	130	24.7
Ø 1830*3000	25.4	11	< =25	0.074-0.4	4.0-10.0	130	28
Ø 1830*4500	25.4	15	< =25	0.074-0.4	4.5-12	155	32
Ø 1830*6400	24.1	21	< =25	0.074-0.4	6.5-15	210	34
Ø 1830*7000	24.1	23	< =25	0.074-0.4	7.5-17	245	36
Ø 2100*3000	23.7	15	< =25	0.074-0.4	6.5-36	155	34
Ø 2100*4500	23.7	24	< =25	0.074-0.4	8-43	245	42
Ø 2100*7000	23.7	26	< =25	0.074-0.4	8-48	280	50
Ø 2200*4500	21.5	27	< =25	0.074-0.4	9-45	280	48.5
Ø 2200*6500	21.7	35	< =25	0.074-0.4	14-26	380	52.8
Ø 2200*7000	21.7	35	< =25	0.074-0.4	15-28	380	54
Ø 2200*7500	21.7	35	< =25	0.074-0.4	15-30	380	56
Ø 2400*3000	21	23	< =25	0.074-0.4	7-50	245	54

Product delivery



Contact information

Name: Wilson Shi

Email: wilson_ascendme@163.com

Whatsapp & wechat: 0086 18221130967

Address: Shenglong Block, High tech zone, Zhengzhou, China.

ASCEND Henan Ascend Machinery Equipment Co., Ltd.

+86 18221130967

wilson_ascendme@163.com

mining-crushermachine.com

Shenglong block, high tech zone, Zhengzhou, China