



Small Mining Vibrating Ball Mill Crusher

Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE
- Model Number: 1200x2400, 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
- Application: Mining Ore Grinding
- Type: Overflow And Grid Type
- Voltage: 380V 50Hz
- Material: Mn13Cr2
- Color: Customized
- Standard: Client Specification
- Quality Control: Professional Inspection
- Highlight: **Vibrating dry ball mill,
Vibrating mineral grinding ball mill,
Vibrating Ball Mill Crusher**



More Images



Product Description

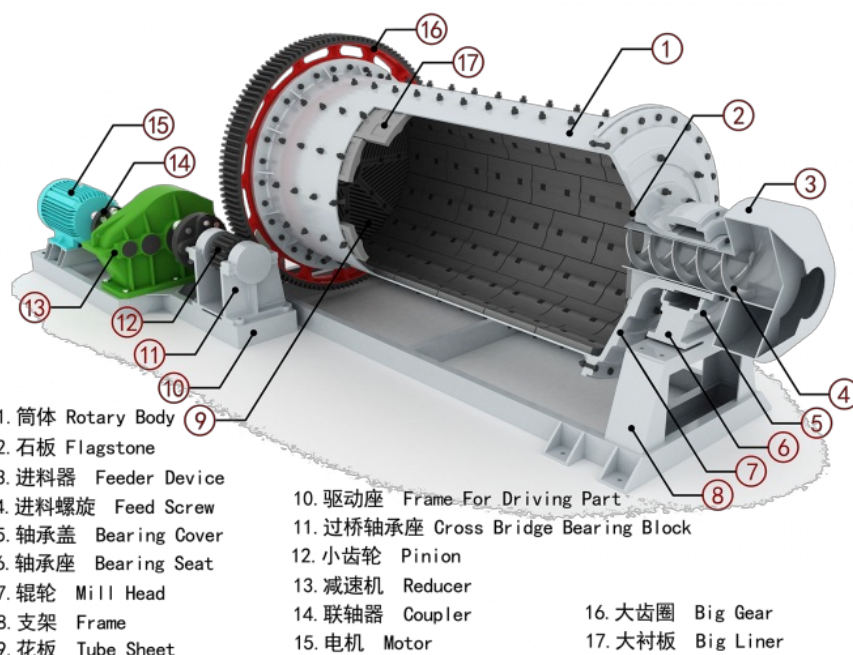
Mineral ore grinding ball mill machine

Ball mill is mainly used for mineral processing, chemical, medicine, building materials, quartz powder for plate etc. This product can be used to produce high purity quartz powder with 200-300 mesh, the product has many advantages such as high purity, good whiteness and stable granularity and so on. The whole production line can realize automatic control and stable operation.



Working principle

The ball mill is driven 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. The ground materials are discharged through the discharging board thus the grinding process is finished.



Product advantages

1. High-efficiency. Our ball mill adopts rolling bearing support instead of sliding bearing support with bearing bush. Therefore, it can save energy by 10-20%.
2. Simple structure, easy maintenance. Ball mill is mainly composed of feeding part, discharging part, turning part and driving part (reducer, small driving gear, electric motor and electric control). Convenient installation and debugging, easy to operate.
3. High processing capacity, obvious continuous operation advantages. The capacity can get 4.6-260 t/h.
4. Wide-range usage. Ball mill as an old grinding equipment in market, the technology is mature and operated steadily.



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



Ball mill working site



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