



河南红星矿山机器有限公司

Henan Hongxing Mining Machinery Co., Ltd

Ball mill

Usage and Application Scope of Ball Mill

Ball mill is the key equipment for grinding after the crushing process, which is widely used in the manufacture industries, such as cement, silicate, new building material, refractory material, fertilizer, ferrous metal, nonferrous metal and glass ceramics and can be used for the dry and wet grinding for all kinds of ores and other grind-able materials.



Structural Features of Ball mill:

The machine is composed by feeding part, discharging part, turning part and driving part (reducer, small driving gear, electric motor and electric control). The quill shaft adopts cast steel part and the liner is detachable. The turning gearwheel adopts casting hobbing process and the drum is equipped with wear-resistant liner, which has good wear-resistance. The machine is with stable and reliable working condition. Moreover, according to different materials and discharging methods, there are dry ball mills and wet ball mills for choice.





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Ball mill technical parameters

	Rotation speed(r/min)	Max. balls loaded	Feeding size (mm)	Discharging size(mm)	Processing capacity(t/h)	Motor power(KW)	Weight(T)
900*1800	38	1.5	<=20	0.075 - 0.89	0.65 - 2	18.5	3.6
900*3000	38	2.7	<=0	0.075 - 0.89	1.1 - 3.5	22	4.6
1200*2400	32	3.8	<=5	0.075 - 0.6	1.5 - 4.8	45	12.5
1200*3000	32	5	<=5	0.074 - 0.4	1.6 - 5	45	12.8
1500*4500	32	7	<=5	0.074 - 0.4	1.6 - 5.8	55	13.8
1500*3000	27	8	<=5	0.074 - 0.4	2 - 5	90	17
1500*4500	27	14	<=5	0.074 - 0.4	3 - 6	110	21



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1500*5700	27	15	<=5	0.074 - 0.4	3.5 - 6	132	24.7
1830*3000	24	11	<=5	0.074 - 0.4	4 - 10	130	28
1830*4500	24	18	<=5	0.074 - 0.4	5-12	155	32
1830*6400	24	23	<=5	0.074 - 0.4	6.5 - 15	210	34
1830*7000	24	25	<=5	0.074 - 0.4	7.5 - 17	245	36
2200*5500	21	30	<=5	0.074 - 0.4	10 - 22	370	48.5
2200*6500	21	30	<=5	0.074 - 0.4	14 - 26	382	52.8
2200*7500	21	33	<=5	0.074 - 0.4	16 - 29	475	56
2700*4000	20.7	40	<=5	0.074 - 0.4	12-80	380	95

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