

球磨机

Ball mill



球磨机广泛应用于黑色、有色金属矿山、非金属矿山、水泥、耐火材料、化工、电力、铝业、建材，以及玻璃、陶瓷、钢渣、粉煤灰等行业的粉磨作业中。一般要求球磨机的进料粒径小于25mm，多碎少磨从而节能。通过调整钢球的级配来改变出料细度的大小和多少。我公司生产的高效节能球磨机均为滚动轴承支撑代替轴瓦滑动轴承支撑。同轴瓦滑动轴承支撑相比，节能10-20%。在相同功率情况下，生产能力提高10-20%。

Ball mills are widely used in ferrous and non-ferrous metal mines, non-metallic mines, cement, refractory materials, chemical industry, electric power, aluminum industry, building materials, and grinding operations in glass, ceramics, steel slag, fly ash and other industries. Generally, the feed particle size of the ball mill is required to be less than 25mm, and more crushing and less grinding are required to save energy. By adjusting the gradation of the steel balls, the size and amount of the discharge fineness can be changed. The high-efficiency and energy-saving ball mills produced by our company are all supported by rolling bearings instead of bearing bushes and sliding bearings. Compared with the coaxial pad sliding bearing support, the energy saving is 10-20%. At the same power, the production capacity is increased by 10-20%.

产品优势

>> Product Advantages

1、节能低耗

采用自动调心双列向心球面滚子轴承，运转阻力小，节能效果显著，且干湿两用。

2、作业效率高

端盖结构，大口径进出料口，处理量大；钢球级配合理，粉碎效果好。

3、耐磨成本低

易损件均采用优质材料所铸造，且铸造工艺一流，具有较好的耐磨性，有效降低使用成本。

4、运行平稳

分体安装，简单易操作；粉碎过程没有惯性冲击，设备运行平稳，配备慢转系统，安全性高，寿命更长。

1. Energy saving and low consumption

Self-aligning double-row radial spherical roller bearings are adopted, which has low running resistance, remarkable energy-saving effect, and can be used both dry and wet.

2. High operating efficiency

End cover structure, large diameter inlet and outlet, large processing capacity; reasonable steel ball gradation, good crushing effect.

3. Low cost of wear resistance

The wearing parts are all cast with high-quality materials, and the casting process is first-class, which has good wear resistance and effectively reduces the cost of use.

4. Stable operation

Separate installation, simple and easy to operate; there is no inertial impact in the crushing process, and the equipment runs smoothly, Machine equipped with auxiliary transmissionsystem, high safety, longer life.

产品参数

>> Product Parameters

型号 Model	筒体转速 Cylinder speed (r/min)	装球量 Balls load (t)	进料粒度 Feeding size (mm)	出料粒度 Discharge size (mm)	生产能力 Capacity (t/h)	电机功率 Motor Power (kw)	重量 Weight (t)
Φ1200×2400	36	3	≤25	0.075-0.6	2.2-4.8	30	10.5
Φ1200×3000	36	3.5	≤25	0.074-0.4	2.7-5	37	11.8
Φ1200×4500	32.4	5	≤25	0.074-0.4	4-7.5	55	13.8
Φ1500×3000	29.7	7.5	≤25	0.074-0.4	4.3-8	75	15
Φ1500×3500	29.7	7.5	≤25	0.074-0.4	4.5-9	75	16.5
Φ1500×4500	27	11	≤25	0.074-0.4	6-12	90	18
Φ1500×5700	28	12	≤25	0.074-0.4	7-15	130	22
Φ1830×3000	25.4	11	≤25	0.074-0.4	6.5-12	130	28
Φ1830×3600	25.4	13	≤25	0.074-0.4	8-13	130	30
Φ1830×4500	25.4	15	≤25	0.074-0.4	10-18	155	32
Φ1830×6500	24.1	21	≤25	0.074-0.4	14-26	210	35
Φ1830×7000	25	23	≤25	0.074-0.4	15-28	245	39
Φ2100×3000	23.7	15	≤25	0.074-0.4	9-16	180	37
Φ2100×3600	23.7	18	≤25	0.074-0.4	10-19	210	39
Φ2100×4500	23.7	24	≤25	0.074-0.4	13-24	245	41
Φ2100×7000	23.7	26	≤25	0.074-0.4	20-37	280	55
Φ2200×4500	21.5	27	≤25	0.074-0.4	14-26	280	50
Φ2200×7000	21.7	35	≤25	0.074-0.4	22-41	380	60
Φ2400×3600	21	23	≤25	0.074-0.4	14-25	320	63
Φ2400×4500	21	27	≤25	0.074-0.4	17-32	380	69
Φ2400×7000	20.9	42	≤25	0.074-0.4	26-49	480	80
Φ2700×3600	20.7	33	≤25	0.074-0.4	19-32	380	90
Φ2700×4000	20.7	35	≤25	0.074-0.4	20-36	380	94
Φ2700×4500	20.7	38	≤25	0.074-0.4	21-40	480	98
Φ2700×7000	20.7	55	≤25	0.074-0.4	33-62	630	116
Φ3200×4500	19	56	≤25	0.074-0.4	35-68	800	132
Φ3200×7000	18	73	≤25	0.074-0.4	47-78	1250	185
Φ3600×4500	17	76	≤25	0.074-0.4	49-82	1250	185
Φ3600×6000	17	100	≤25	0.074-0.4	52-96	1400	235
Φ3600×8500	17	130	≤25	0.074-0.4	70-130	1800	270
Φ3800×6500	16.7	121	≤25	0.074-0.4	73-137	1800	277
Φ3800×8500	16.7	158	≤25	0.074-0.4	82-143	2000	305
Φ4000×6000	16.7	135	≤25	0.074-0.4	90-160	2000	315

注：技术数据如有变更，恕不另行通知。 Any change of technical data shall not be advised additionally.