

Ball Mill



Ball mill is the key grinding equipment and is suitable for all kinds of mines and other materials after being crushed. It is widely used in producing industries such as cement, calcium silicate concrete, new type building materials, and chemical fertilizer, ore dressing for black and non-ferrous metals, glass and ceramics for both dry and wet grinding methods.

The ball mainly includes the inlet part, outlet part, revolved part ,drying part(reducer, drive gear, engine , control panel). The main body of the grinding chamber adopts the welded frame and the liner is replaced. The revolved gear adopts the welded technique, and there are abrasion liners, which have good performance. The ball mill has a stable operation and reliable performance.

Main Features:

Ball mill is made up of feeding part, discharging part, gyre part, transmission part, (decelerator, small transmission gear, generator, electrical control) and so on.

The hollow axis adopts the cast steel and the lining can replace, the rotating big gear processes in the way of casting rolling gear. The barrel body is wearable well and bears wearable scaleboard. This machine run steadily and works reliably.

Technical Parameter:

Mm to inch conversion: 25.4millimeters=1 inch

Mm to mesh conversion: 25.4mm=1in.

The humidity and hardness of raw materail will affect the fineness and capacity.

Model	Speed of bucket (r/min)	Weight of ball (t)	Size of feed openings (mm)	size of outputting feed (mm)	Production (t/h)	Power (kW)	Weight (t)
Φ 900×1800	38	1.5	≤20	0.075-0.89	0.65-2	18.5	3.6
Φ 900×3000	38	2.7	≤20	0.075-0.89	1.1-3.5	22	4.6
Φ 1200×2400	32	3.8	≤25	0.075-0.6	1.5-4.8	45	12.5
Φ 1200×3000	32	5	≤25	0.075-0.4	1.6-5	45	12.8
Φ 1200×4500	32	7	≤25	0.075-0.4	1.6-5.8	55	13.8
Φ 1500×3000	27	8	≤25	0.075-0.4	2-5	90	17
Φ 1500×4500	27	14	≤25	0.075-0.4	3-6	110	21
Φ 1500×5700	27	15	≤25	0.075-0.4	3.5-6	132	24.7
Φ 1830×3000	24	11	≤25	0.075-0.4	4-10	180	28
Φ 1830×6400	24	23	≤25	0.075-0.4	6.5-15	210	34
Φ 1830×7000	24	25	≤25	0.075-0.4	7.5-17	245	36
Φ 2200×5500	21	30	≤25	0.075-0.4	10-22	370	48.5
Φ 2200×6500	21	30	≤25	0.075-0.4	14-26	280	52.8
Φ 2200×7500	21	33	≤25	0.075-0.4	16-29	380	56
Φ 2200×9500	21	38	≤25	0.074-0.4	18-35	475	62

Note: Any change of Ball Mill technical data shall not be advised additionally.