



China Largest Mining Machinery
Manufacturer

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Ball mill machine technical parameters

Model	Shell rotation speed (r/min)	Ball load (t)	Feeding size (mm)	Discharging size (mm)	Capacity (t/h)	Motor power (kw)	Total weight (t)
φ900×1800	36-38	1.5	≤20	0.075-0.89	0.65-2	18.5	5.5
φ900×3000	36	2.7	≤20	0.075-0.89	1.1-3.5	22	6.7
φ1200×2400	36	3	≤25	0.075-0.6	1.5-4.8	30	12
φ1200×3000	36	3.5	≤25	0.074-0.4	1.6-5	37	12.8
φ1200×4500	32.4	5	≤25	0.074-0.4	1.6-5.8	55	13.8
φ1500×3000	29.7	7.5	≤25	0.074-0.4	2-5	75	16.8
φ1500×4500	27	11	≤25	0.074-0.4	3-6	110	21
φ1500×5700	28	12	≤25	0.074-0.4	3.5-6	130	25.8
φ1830×3000	25.4	11	≤25	0.074-0.4	4-10	130	29
φ1830×4500	25.4	15	≤25	0.074-0.4	4.5-12	155	35.5
φ1830×6400	24.1	21	≤25	0.074-0.4	6.5-15	210	43
φ1830×7000	24.1	23	≤25	0.074-0.4	7.5-17	245	43.8
φ2100×3000	23.7	15	≤25	0.074-0.4	6.5-36	155	34.8
φ2100×4500	23.7	24	≤25	0.074-0.4	8-43	245	42
φ2100×7000	23.7	26	≤25	0.074-0.4	8-48	280	56.6
φ2200×4500	21.5	27	≤25	0.074-0.4	9-45	280	51.8
φ2200×6500	21.7	35	≤25	0.074-0.4	14-26	380	60
φ2200×7000	21.7	35	≤25	0.074-0.4	15-28	380	62
φ2200×7500	21.7	35	≤25	0.074-0.4	15-30	380	64.8
φ2400×3000	21	23	≤25	0.074-0.4	7-50	245	58
φ2400×4500	21	30	≤25	0.074-0.4	8.5-60	320	69
φ2700×4000	20.7	40	≤25	0.074-0.4	12-80	380	94
φ2700×4500	20.7	48	≤25	0.074-0.4	12-90	480	102
φ3200×4500	18	65	≤25	0.074-0.4	As per process conditions	630	137



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∅ 3600×4500	17	90	≤25	0.074-0.4	As per process conditions	850	158
∅ 3600×6000	17	110	≤25	0.074-0.4	As per process conditions	1250	175
∅ 3600×8500	18	131	≤25	0.074-0.4	45.8-256	1800	252
∅ 4000×5000	16.9	121	≤25	0.074-0.4	45-208	1500	203
∅ 4000×6000	16.9	146	≤25	0.074-0.4	65-248	1600	218
∅ 4000×6700	16.9	149	≤25	0.074-0.4	45-252	1800	238
∅ 4500×6400	15.6	172	≤25	0.074-0.4	54-306	2000	280
∅ 5030×6400	14.4	216	≤25	0.074-0.4	68-386	2500	320
∅ 5030×8300	14.4	266	≤25	0.074-0.4	88-500	3300	403
∅ 5500×8500	13.8	338	≤25	0.074-0.4	108-615	4500	525