

ZENITH MQ Series Ball Mill features and technical data

ZENITH is one of the biggest manufacturers in aggregate processing machinery for the sand & gravel, quarry, mining, construction and recycling industries. Headquarter of ZENITH is located in Shanghai, China and now we have two manufacturing bases as our strong support. The equipment includes crusher, mobile crusher, conveyor, screening machine, sand washing machine, track mounted mobile crusher, crushing equipment, **mill equipment**, complete aggregate crushing equipment, beneficiation equipment, jaw crusher, cone crusher, impact crusher, complete quarry equipment, and so on. We will provide the right equipment according to the customer's requirements, and help customers to choose the location of the production line, equipment installation, training of workers, as well as on-site help and after-sales service.

This is ZENITH **MQ Series Ball Mill** features and technical data:

MQ Series Ball Mill Features

1. Traditional sliding bearings are replaced by double row roller bearings in small and medium size ball mills to reduce energy consuming
2. Large ball mills adopt pitot pressure or hydrostatic bearings
3. Air clutch system for starting the motor safely
4. Alternative synchronous or asynchronous motor
5. Low-speed drive unit with lifting device, easy maintenance
6. New Endurable wearing parts to increase service life of vulnerable parts
7. Alternative PLC automatic control system Optional Accessories (drum sieve, Hydraulic wrench mobile feeding settings)

MQ Series Ball Mill Technical Data

Technical Specification of Overflow Ball Mill

Model	Shell Size D×L(mm)	E-Volume (m3)	Ball Quantity(t)	Rotate Speed (r/min)	Power (kw)	Output size(mm)	Capacity (t/h)	Remark	Weight(T)
MQY2122	2100×2200	6.7	14.7	23.8	160	0.8-0.074	22-5.0	380V	42.9- 46.5
MQY2130	2100×3000	9.2	17	23.8	185	0.8-0.074	25-5.8	380V	48
MQY2136	2100×3600	11	19	23.8	210	0.8-0.074	28-6.0	380V	49.9
MQY2430	2400×3000	12.2	23	22.8	250	0.8-0.074	34-6.6	380V	59.68
MQY2436	2400×3600	14.6	25	22.8	280	0.8-0.074	40.5-7.9	380V	62.9
MQY2445	2400×4500	18.2	31	22.8	355	0.8-0.074	50-9.8	380V	63.5
MQY2721	2700×2100	10.7	20	21.7	280	3.0-0.074	76-6.0	6-10KV	66.7
MQY2730	2700×3000	15.3	28	21.7	355	3.0-0.074	108-8.8	6-10KV	81.8
MQY2736	2700×3600	18.4	34	21.7	355-400	3.0-0.074	130-10.5	6-10KV	83.5
MQY2740	2700×4000	20.5	37	21.7	400-450	3.0-0.074	144-11.5	6-10KV	87.6
MQY2745	2700×4500	23	42.5	21.7	500	3.0-0.074	180-13	6-10KV	127
MQY3231	3200×3100	22.65	22.65	18.6	450	3.0-0.074	164-14.4	6-10KV	131
MQY3236	3200×3600	26.2	26.2	18.8	500	3.0-0.074	171-17.1	6-10KV	135
MQY3245	3200×4500	32.8	61	18.6	630	3.0-0.074	228-22	6-10KV	148.7
MQY3254	3200×5400	39.3	73	18.6	710	3.0-0.074	270-20	6-10KV	165
MQY3645	3600×4500	40.8	76	17.3	800- 1000	3.0-0.074	233-26	6-10KV	180
MQY3650	3600×5000	45.3	86	17.3	1120	3.0-0.074	260-31.5	6-10KV	200
MQY3660	3600×6000	102	102	17.3	1250	3.0-0.074	280-34	6-10KV	240
MQY3685	3600×8500	79	131	17.3	1500	3.0-0.074	400-45	6-10KV	280
MQY4564	4500×6400	85	174	14.54	2000	3.0-0.074	158	6-10KV	285
MQY4570	4500×7000	111	190	15.6	2500	3.0-0.074	200	6-10KV	350
MQY5080	5030×8000	145	240	14.2	3500	3.0-0.074	250	6-10KV	

Note: The ball mill model can be customized according to demand.

Technical Specification of Grate Ball Mill

Model	Shell Size D×L(mm)	E-Volume (m3)	Ball Quantity (t)	Rotate Speed (r/min)	Power (kw)	Output size(mm)	Capacity (t/h)	Remark	Weight (T)
MQG2122	2100×2200	6.7	14.7	23.8	160	0.3-0.074	24-5.3	6-10KV	43.2
MQG2130	2100×3000	9.2	17	23.8	185	0.3-0.074	26-6.0	6-10KV	46.8
MQG2136	2100×3600	11	19	23.8	210	0.3-0.074	29-6.5	6-10KV	49.1
MQG2430	2400×3000	12.2	25	22.8	250	0.3-0.074	38-7.5	6-10KV	57.8
MQG2436	2400×3600	14.6	30	22.8	280	0.3-0.074	42-8.5	6-10KV	60.8
MQG2445	2400×4500	18.2	37	22.8	400	0.3-0.074	55-10.5	6-10KV	66.3
MQG2721	2700×2100	10.7	24	21.7	280	0.3-0.074	84-8.5	6-10KV	66.4
MQG2730	2700×3000	15.3	32.5	21.7	355	0.3-0.074	120-10	6-10KV	77.3
MQG2736	2700×3600	18.4	39	21.7	400	0.3-0.074	145-12	6-10KV	82.4
MQG2740	2700×4000	20.5	43	21.7	450	0.3-0.074	159-13	6-10KV	84.73
MQG2745	2700×4500	23	50	21.7	500	0.3-0.074	180-15	6-10KV	89.1
MQG3231	3200×3100	22.65	46.9	18.6	500	0.3-0.074	182-16	6-10KV	139
MQG3236	3200×3600	26.2	52	18.8	560	0.3-0.074	190-19	6-10KV	143
MQG3245	3200×4500	32.8	65	18.6	710-800	0.3-0.074	235-29	6-10KV	151
MQG3254	3200×5400	39.2	81.6	18.6	800-1000	0.3-0.074	280-35	6-10KV	161
MQG3645	3600×4500	40.8	88	17.3	1000	0.3-0.074	259-29	6-10KV	190
MQG3650	3600×5000	45.3	96	17.3	1120	0.3-0.074	288-35	6-10KV	200
MQG3660	3600×6000	54.4	117	17.3	1250	0.3-0.074	310-38	6-10KV	220
MQG3685	3600×8500	79	144	17.3	1800	0.3-0.074	450-50	6-10KV	260
MQG4040	4000×4000	45	82	16.4	1000	0.3-0.074	230	6-10KV	220
MQG4050	4000×5000	57	161	16.4	1250	0.3-0.074	270	6-10KV	260
MQG4560	4500×6000	85	162	15.42	2000	0.3-0.074	285	6-10KV	285
MQG5264	5200×6400	123	229	14.3	2×1600	0.3-0.074	320	6-10KV	350

Note: The ball mill model can be customized according to demand.