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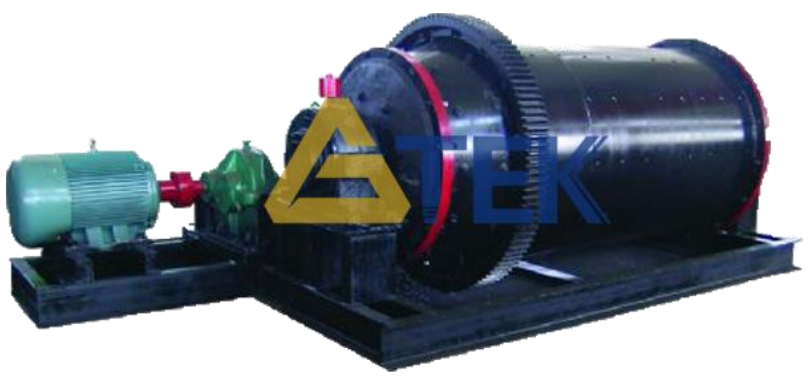
GTEK Ball Mill



Description

Ball mill is a type of grinder used to grind materials into extremely fine powder mainly for use in mineral processing industry.The ball mill can grind various ores and other materials either wet or dry. There are two kinds of ball mill, grate type and overflow type due to different ways of discharging material. Ball mill rotate around a horizontal axis, partially filled with the material to be ground plus the grinding medium. It is performed in rotating cylindrical steel vessels known as tumbling mills.

Application

Ball mill is a key piece of equipment for grinding crushed materials, and it is widely used in production lines for powders such as cement, silicates, refractory material, fertilizer, glass ceramics, etc. as well as for ore dressing of both ferrous non-ferrous metals. Ball mill can be used in open circuit or in closed circuit with screen spiral classifier or hydrocyclone to achieve certain discharging size.

Features & Benefits

1. Rugged construction, reliable operation
2 .Easy installation, adjustment and maintenance
3. Large Capacity, continuous working
4. Efficient and energy saving

Technical Specification

Model	*Rotating Speed (r/min)*	*Ball Added (t)*	*Feeding Size (mm)*	*Discharging Size (mm)*	*Capacity (t/hr)*	*Motor Power (kW)*	*Weight (t)*
900*1800	36-38	1.5	≤20	0.075-0.89	0.65-2	18.5	4.6
900*3000	36	2.7	≤20	0.075-0.89	1.1-3.5	22	5.6
1200*2400	36	3	≤25	0.075-0.6	1.5-4.8	30	12
1200*3000	36	3.5	≤25	0.074-0.4	1.6-5	37	12.8
1200*4500	32.4	5	≤25	0.074-0.4	1.6-5.8	55	13.8
1500*3000	29.7	7.5	≤25	0.074-0.4	2-5	75	15.6
1500*4500	27	11	≤25	0.074-0.4	3-6	110	21
1500*5700	28	12	≤25	0.074-0.4	3.5-6	130	24.7
1830*3000	25.4	11	≤25	0.074-0.4	4-10	130	28
1830*4500	25.4	15	≤25	0.074-0.4	4.5-12	155	32
2100*3000	23.7	15	≤25	0.074-0.4	6.5-36	155	34
2100*4500	23.7	24	≤25	0.074-0.4	8-43	245	42
2400*3000	21	23	≤25	0.074-0.4	7-45	245	54
2400*4500	21	30	≤25	0.074-0.4	8.5-60	320	65
2700*4000	20.7	40	≤25	0.074-0.4	12-80	400	94
2700*4500	20.7	48	≤25	0.074-0.4	12-90	430	102
3200*4500	18	65	≤25	0.074-0.4	12-100	800	137