

## ▶ Wet Rod Mill

### Principle

The main component is a cylinder with diameter and length at a reasonable proportion. Driven by the transmission device, the cylinder rotates with the materials fed from the cylinder inlet and crushed by the falling impacts and autogenous grinding of the steel rods and ores in the cylinder. Due to the continuously feeding materials, the pressure pushes materials to the outlet and the grinded materials are discharged from the cylinder outlet. Qualified materials flow from the cylinder outlet.



### Features

Smaller curvature of conical cap of the rod mill enables the regular movement of the steel rod in mill.

Larger diameter of discharging hollow shaft is easy for maintenance, and can reduce the slurry liquid and realize rapid discharging.

Even particle size and little over grinding.

### Application

Mainly used for coarse grinding operation. Suitable for the fine crushing and coarse grinding in the first stage grinding, especially for processing brittle materials.

### Technical Parameters

Model	Cylinder Diameter (mm)	Cylinder Length (mm)	Motor Model	Motor Power (kW)	Motor Revolution (r/min)	Length (mm)	Width (mm)	Height (mm)	Capacity (t/h)	Effective Volume (m <sup>3</sup> )	Weight (kg)
MBY0918	900	1800	Y225M-8	22	730	4980	2370	2020	0.62~3.2	0.9	5700
MBYg0924	900	2400	Y225M-8	22	730	5001	1865	1400	0.81~4.3	1.2	6443
MBY1224	1200	2400	Y280M-8	45	730	6450	2800	2500	0.4~4.9	2.28	12308
MBY1530	1500	3000	JR125-8	95	725	7935	3185	2280		5	19990
MBYg1530	1500	3000	JR117-8	80	725	7253	3070	2280	2.4~7.5	5	21210
MBYg2130	2100	3000	JR136-8	180	735	8122	4220	3073	14~35	9	42123.5
MBYg2136	2100	3600	JR137-8	210	735	8958	4320	3025	43~61	10.8	45800.5
MBYg2430	2400	3000	JR138-8	280	735	9004.5	4836.4	3490		11.5	55795
MBYg2732	2700	3200	JR157-8	320	750	10509	5000	3620		15.7	83110
MBYg2736	2700	3600	JR1510-8	380	743	10764	5150	3620	32~86	17.7	90441
MBY2740	2700	4000	TDMK400-32	400	187.5	12300	5700	4700	43~110	20.4	75000
MBY3040	3000	4000	JR1510-8	570	740	9800	3900	3900	54~135	26	90000
MBY3245	3200	4500	TDMK800-36	800	167	14600	7000	5300	64~180	31	113000
MBY3645	3600	4500	TDMK1250-40	1250	150	15200	8800	6800	80~230	41.8	139000
MBY3654	3600	5400	TDMK1600-40	1600	150	15900	8800	6800	100~250	49.7	150000