

Coal Ball Mill

Application: Cement Plant, Clinker Grinding Unit, Thermal Power Plant

Capacity: 5-210 t/h

Motor Power: 280-1250 kW

Fineness: 80 μ mR 3%



Introduction:

Coal ball mill is the equipment used for grinding and drying coal with different hardness. It is mainly composed of feeding device, principal axis, rotating part, and transmission part, discharging part, high-pressure starting device and lubrication system. It is also widely used to grind various hardness of coal in cement industry, metallurgy industry and chemical industry and so on.

Coal ball mills are typically used for secondary and/or tertiary grinding to prepare the material for downstream concentration processes.



Through state-of-the-art analyzers and process control solutions it is possible to adjust and control your grinding results more efficiently and better utilize the installed mills.

1. Optimizing the grinding circuit
2. Advanced grinding control

Features:



1. It is an efficient tool for grinding coal into fine powder.
2. The capacity and fineness can change with the diameter of the steel sphere.
3. Low speed driving unit with lifting device, convenient for maintenance.

4. Adopts new durable wearing parts to reduce the system halting frequency

Technical date:

Model (m)	Output (t/h)	Rotate Speed (r/min)	Grinding Media Load (t)	Effective Volume (m ³)	Motor (kW)	Gearbox	Weight (t)
Φ2.4×4.75	12	20.4	22	19.3	280	ZD60	50
Φ2.4×4.5+2.0	12	20.4	22.6	18.3	280	JD450	70.1
Φ2.8×5.75+2.2 5	18-20	18.7	38	32.9	500	MBY630	116.5
Φ2.9×4.1	16	18.8	35	27.1	475	JDX560	74
Φ3.0×6.5+2.5	20	18.4	46.5	43.3	710	JDX630	119
Φ3.2×6.5+2.5	28	18	65	67	710	JDX800 MBY800	153
Φ3.4×6.0+3.0	30	17.47	60	64	900	JDX800	167
Φ3.4×7.5+1.5	30-38	17.5	70	64.1	800	JDX710	160
Φ3.6×6.5+2.5	32	17	60	69	1000	MBY800	203
Φ3.8×7.0+2.5	38	16.4	80	75	1250	MBY710	216