

Crushing Equipment of SBM. SBM is a professional manufacturer of crushing equipment, concrete crushing, mining equipment. It is major production include...

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## CRUSHING EQUIPMENT LIST

- Jaw Crushing
- JC Series Jaw Crushers
- Impact Crushing
- CS Cone Crushers
- Hydraulic Cone Crushers
- Spring Cone Crushers
- HCS90 Cone Crushers
- VSI Crushers
- Jaw mobile crushing equipment
- Impact mobile crushing equipment
- Cone mobile crushing equipment
- YGFS Multi-crushing equipment

## GRINDING EQUIPMENT LIST

- MTW Trapezium Mill
- LM Vertical Mill
- MTM Trapezium Mill
- High Pressure Suspension Mill
- MXB Coarse Powder Mill
- SCM Series Super Thin Mill
- Raymond Mill
- Ball Mill



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## LM Vertical Mill Website

SBM is an international LM Vertical Mill manufacturer and exporter company. And supply the the best crushing equipment, concrete crushing, mining equipment. You can learn more information about the equipment of LM Vertical Mill.



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### ◆ Mining Equipment : LM Vertical Mill

**[ LM Vertical Mill Overview ]** LM series vertical mill is the newest grinding machine of vertical mill professional manufacturer-SBM, which is designed specially to solve the problems of low capacity and high consumption of traditional industry mills. With a decade of years' research of mills, our vertical mill is designed and manufactured based on a new design idea, and integrates the advanced international technology and years of mill-producing experience.

LM series vertical mill adopts reliable structure and reasonable process flow; it is ideal equipment that integrated with drying, milling, classifier, and elevator. Especially, this vertical mill can fully meets the requirement of clients in the high production of powder and its main technical and economy indicator reaches the international level.

**[ LM Vertical Mill Application ]** LM series vertical mill can be widely used in cement making, power, metallurgy, chemical and nonmetalliferous ore industries. This series vertical grinding mill used to grind lumpy, granular and powdery materials to the required size.

**[ LM Vertical Mill Main Features and Benefits ]** Vertical roller mill is a necessary equipment for the high production of mineral powder in the non-ferrous metal mine industry and large scale powder making in many other industries. LM series vertical mill can crush, dry, grinding, classifying, so the system is simple, and occupation area is about 50% of ball mill system. In addition, it can be installed outside, so LM vertical mill will reduce a large number of investment costs. Roller of this series vertical mill compacted materials directly onto the grinding disc, so power consumption is low. LM series vertical mill is equipped with automatic control systems, so remote control makes it easy to operate.



### Vertical Mineral Mill Model and Technical Data:

Model	LM130K	LM150K	LM170K	LM190K	LM220K	LM240K
Turnplate diameter (mm)	1300	1500	1700	1900	2200	2400
Capacity (t/h)	10~30	13~40	18~57	23~72	36~114	41~128
Final product size	μm	170~45	170~45	170~45	170~45	170~45
	mesh	80~325	80~325	80~325	80~325	80~325
Final product water percentage	≤1%	≤1%	≤1%	≤1%	≤1%	≤1%
Max. input size (mm)	<38	<40	<42	<45	<50	<55
Best water percentage of raw material	<4%	<4%	<4%	<4%	<4%	<4%
Drying needed if water percentage is more than	<15%	<15%	<15%	<15%	<15%	<15%
Input wind temperature (°C)	<350	<350	<350	<350	<350	<350
Output wind temperature (°C)	70~95	70~95	70~95	70~95	70~95	70~95
Main motor power (KW)	185~220	250~280	355~400	450~500	710~800	800~900
Overall dimension	L (mm)	3500	4200	4700	8500	10200
	W (mm)	3400	3900	4500	5600	6700
	H (mm)	5800	7100	8300	8800	10600
Weight (t)	48	75	90	100	125	160

### Vertical Coal Mill Model and Technical Data:

Model	LM130M	LM150M	LM170M	LM190M	LM220M	LM240M
Turnplate diameter (mm)	1300	1500	1700	1900	2200	2400
Capacity (t/h)	10~15	16~22	20~28	26~35	35~45	40~50
Coal powder fineness (R0.08)	<15%	<15%	<15%	<15%	<15%	<15%
Coal powder water percentage	<1%	<1%	<1%	<1%	<1%	<1%
Max. input size (mm)	<38	<40	<42	<45	<50	<55
Input material water percentage	<15%	<15%	<15%	<15%	<15%	<15%

Input wind temperature (l)	<350	<350	<350	<350	<350	<350
Output wind temperature (l)	75~95	75~95	75~95	75~95	75~95	75~95
Raw coal Hardgrove grindability index (HGI)	>55	>55	>55	>55	>55	>55
Main motor power (KW)	185	250	315	400	500	560
Overall dimension	L (mm)	3500	4200	4700	8500	10200
	W (mm)	3400	3900	4500	5600	6700
	H (mm)	5800	7100	8300	8800	10600
Weight(t)	46	75	94	100	122	157

**Note:** This specification is just reference, any changes are subject to the products.

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