



**MINING AND  
CONSTRUCTION**

## **LM Series Vertical Mill**

LM Series vertical mill is an advanced grinding machine, which is developed on the basis of home & abroad high technology and production experience combination of various mills. It is an ideal device that integrates crushing, drying, grinding, and grading conveying all together.



#### Technical Advantages:

1. Low invest cost
2. Low run cost
3. High drying ability
4. Easy to operate, reliable performance
5. Stable quality
6. Convenient to maintain
7. Environmental protection

#### LM Series Vertical Ore Mill Specification

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	170~45
	mesh	80~325	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		<15%	<15%	<15%	<15%	<15%	<15%

percentage is more than							
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	11700
	W mm	3400	3900	4500	5600	6700	7700
	H mm	5800	7100	8300	8800	10600	12200
Weight (t)		48	75	90	100	125	160

- Note: 1. Input material should be brittle material with Mohs hardness not more than seven.  
 2. Hot air is needed only when there is a requirement that water percentage of final product should be less than raw material.  
 3. If the material is hard to grind, motor power take large value.

#### LM Series Vertical Coal Mill Specification

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 (°C)	<350	<350	<350	<350	<350	<350	
Output wind temperature (°C)	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	11700
	W mm	3400	3900	4500	5600	6700	7700
	H mm	5800	7100	8300	8800	10600	12200
Weight (t)		46	75	94	100	122	157



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