

# MSB series Coarse Powder Mill

## Brief Introduction:

MSB Coarse Powder Mill series is a kind of new high-tech milling machine to meet the requirements of sand processing customers. Based on our experts' several years' research experience in the milling industry and considering recommendations and requirements of domestic and foreign clients, it is the ideal equipment to replace [Raymond Mill](#), mill, [ball mill](#), and other traditional which only process power materials. It is high-efficiency equipment and widely applied in quartz sand, silica sand, foundry sand, fine sand and other sand abrasive industry. By being a component of closed production lines, it can produce various size products of better effect.



## Working Principle:

Step with main shaft, bulk disk and roller bracket is driven by motor through reducer. Installed above bracket, roller assembly rotates with main shaft and swings freely meantime, this bring a large centrifugal force, which scatters bulk materials evenly in grinding intermediate layer between central roller and ring. The bulk materials are grinded into powder and fall on the bottom, and then discharged from discharging opening under the effect of synchronously-rotating scraper.

## Main Performance Parameters:

Name	Parameter		Remark
	Model	Power	
Model	MSB1004		
Roller quantity	4pcs		
Max. feeding size	<30mm		Too hard material<20mm
Product size	70-90%<2mm		Adjustable, check below
Capacity	8-15ton/hour		Relative to average size and hardness of feeding material
Main motor power	37-45kW		Use small motor if use fine material and want low capacity

Main motor model	Y2-225M-4	45 kW
Overall size ( L×W×H )	1.87×1.5×2.58(m )	Including main motor, decelerator and main unit
Largest single pc weight	900kg	
Total weight ( excluding electricity control cabinet )	8ton	Decelerator weight 1.7 ton
Jaw crusher of fine crushing	PEX150×750	15kW
Bucket elevator	TH250	3kW
Electromagnetic Vibrating feeder	GZ3	0.2kW
		Distance between inlet and outlet 1000

Notice: Any change of MSB series Coarse Powder Mill technical data shall not be advised additionally.

**Contact Us:**

Address: South Jinqiao Area, Pudong New Area, Shanghai, China.

Tel: 86-21-51860270

Email: [sbm@shibang-group.com](mailto:sbm@shibang-group.com)

Web: <http://www.shibang-group.com>