

# **MSB coarse powder grinding mill**

## **MSB coarse powder grinding mill brief introduction:**

MSB Coarse Powder Mill series is a kind of new high-tech grinding mill to meet the needs 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, ball mill, and other traditional grinding mill 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.

## **MSB coarse powder grinding mill is suitable for:**

MSB Coarse Powder Mill is used for pre-processing of various crushable non-flammable and non-explosive brittle materials with Mohs under 9. It is widely applied in quartz sand, silica sand, foundry sand, fine sand and other sand abrasive industry.

MSB coarse powder mill is widely applied in industries of mining, construction, metallurgic, road building and water conservancy etc.

## **MSB coarse powder mill features and main benefits:**

- 1) High efficiency of spare material. As materials fall from top to bottom, roller and ring are equally worn. Thus the life span could be 3 times higher than that of Raymond Mill
- 2) High percentage of sand can be produced by this machine
- 3) The mill is a highly efficient desulfurization equipment of power plant. It can grind  $\text{CaCO}_3$  into fine powder less than 1-2mm, the desulfurization effect is better;
- 4) This machine can be used as pre-grind equipment before ball mill; the ball mill efficiency will increase 50%;
- 5) Products out of this machine can be used to make firebrick, concrete brick, block and other new building materials;
- 6) Mainly used for pre-processing of various crushable non-inflammable & non-explosive brittle material with Mohs Hardness less than nine.

## **How MSB coarse powder mill works?**

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.