

Straight Centrifugal Grinding Mill

Introduction to Straight Centrifugal Grinding Mill

On the basis of the traditional grinder ,**Straight Centrifugal Grinding mill** are designed to grind thick powder to meet the the requirements of the customer. And **Straight Centrifugal [Grinding mill](#)** has fulfilled the customer for the mixed materials of thin degree with the finished product below 3mm .And the **Straight Centrifugal Grinding mill** is a kind of industrial grinder and adaptable to both the block materials and the materials with high moisture .And also the **Straight Centrifugal Grinding mill** have better grinding effects to the super hard processing materials .



Technical features of Straight Centrifugal Grinding Mill

1. Energy-saving : Compared to the [grinding mill](#) and Raymond mill ,the energy consumption of the Straight Centrifugal grinder's blower has been reduced a lot .And with the unique inner design ,it avoids the energy consumption produced when the scraper knife slides along the crushing cavity.
2. High efficient : By changing the shape of the grinding roller and ring ,it has improved the materials' grinding efficient and production.
3. This series of [Straight Centrifugal Grinding mill](#) can adopt the two kinds of production :wet and dry production.
4. whole style reasonable structure design and Small covering area of just 50% of the [Raymond mill](#).

Application of the Straight Centrifugal Grinding Mill

As a high-efficient and energy-saving powder grinding equipment ,this kind of **Straight Centrifugal Grinding Mill** have been widely applied in the field of building materials, chemicals, fertilizer, metallurgy, mining, nonmetal, abrasive, refractory, ceramic, steel, thermal power, bricks, coal,etc.And the **Straight Centrifugal Grinding Mill** can also be mainly used to crush the block materials to the coarse powder(the mixture of fine sands and powder).

Working principle of Straight Centrifugal Grinding Mill

During the operation of the **Straight Centrifugal Grinding Mill**,the speed reducer ,which is installed on the main machine ,makes the central axis rotate through shaft coupling .The rollers ,which are hanging on the hanger roll with the central axis ,rolling around the inside of the ring .And the block materials entering the feeding hopper will evenly fall down into the space between the grinding ring and roller and then be discharged out by the grinding and crushing of the grinding roller The dust catcher makes the inlet and outlet of the grinder form the negative pressure with no dust pollution.And the heat will be deleted from the machine .

Main technical parameters of Straight Centrifugal Grinding Mill

Type	Feed size(mm)	Product size(mm)	Capacity(t/h)	Power of Main motor(Kw)	Dimension(mm)
ZTM86	< 16	0-2.8	7-11	37	2600×2100×2400
ZTM125	< 25	0.044-5	15-55	90-110	Φ2300×5600
ZTM165	< 35	0.044-5	30-120	185-200	Φ3600×8200

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