

# SBM Cone Crusher the basic structure and working principle of what

## Shibang Cone Crusher the basic structure and working principle of what?

Cone Crusher broken ore crusher and the cycle is basically the same. Cone crusher also used movable and fixed between MERCOSUR face for the Crushing. Dynamic cone bearing on the spherical bearing, and fixed in a vertical shaft hoisting, the vertical axis placed eccentric cone crusher sleeve, and the eccentric sleeve is placed on the thrust bearing. Fixed Cone together with the vertical axis driven by the eccentric bushings, eccentric bushings to the horizontal axis and the bevel gear and pulley to drive. Triangle from the motor pulley belt transmission. Vertical Axis eccentric sleeve into the bottom, when the eccentric sleeve rotation, the shaft to draw a cone surface. So Cone moving around at the fixed cone shall crushed ore. From the upper and lower chassis composed of two parts, connected by bolts. Bolt on kits in a strong spring, when spring is the role of metal or other hard objects into the crushing chamber, will not damage breakers (such as spindle, etc.). If a piece of metal or other hard objects (nuts, brazing first class) and the ore went into crushing chamber, dynamic cone was not raised, I increased discharge can be discharged. Sometimes cone crusher is to use oil (or water) discharge device to adjust the size of mouth.

In addition to the standard head - and short-Cone Crusher, but also between them, namely the difference between the medium-sized cone crusher that can be used can also be used in the broken chronology. Standard, medium-sized, short head Cone Crusher The main difference is the crushing chamber profile different shapes. Therefore, to the mine discharge particle size and particle size are also different. Ore from the mine mouth through the allocation of disk into the machine, and distribution vertical shaft was installed in the end, due to the vertical axis rotation, and access to vibration, uniform distribution of the ore in the cone around. With the help of the Toggle handle and hinge, the cone is not moving upward or downward, to regulate the discharge of the mouth width. Steel with the various components are manufactured, dynamic cone and fixed cone face laced with manganese steel liner to protect the cone from wear, worn liner can be replaced, the replacement, the liner between the cone and poured melted Lead close bond between them.

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