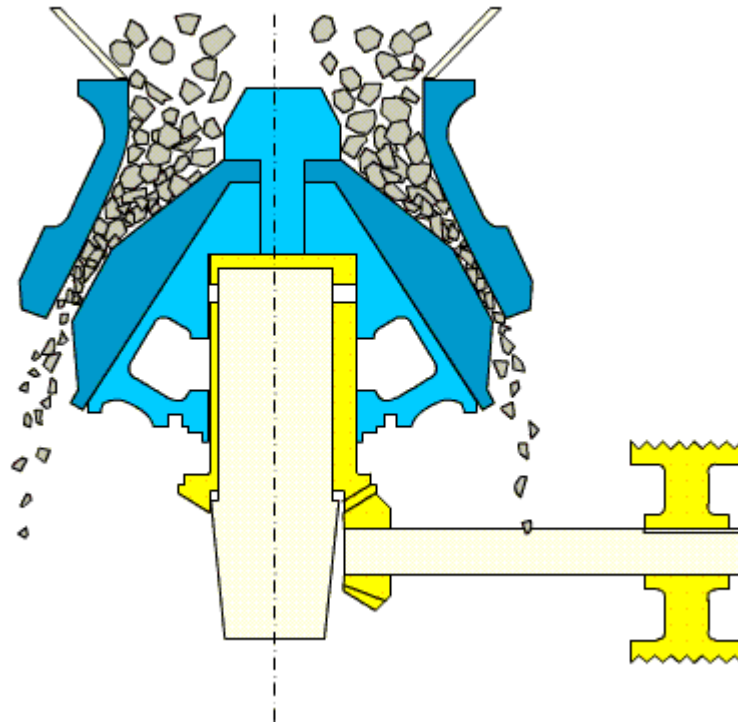




How cone crusher works?

This crusher is suitable for crushing various of mid-hard and above mid-hard ores and rocks. It has the advantage of reliable construction, high production activity, easy adjustment and less cost in operation. The spring release system of the crusher acts as an overload protection system that allows tramp to pass through the crushing chamber without damage to the crusher, using dry oil, water, two kinds of sealed formation. It makes plaster stone and engine oil separated, assured reliable performance.



Cone Crusher is one of the main types of primary crushers in a mine or ore processing plant. Cone crushers are designated in size either by the gape and mantle diameter or by the size of the receiving opening. Gyrotory cone crushers can be used for primary or secondary crushing. The crushing action is caused by the closing of the gap between the mantle line (movable) mounted on the central vertical spindle and the concave liners (fixed) mounted on the main frame of the crusher. The gap is opened and closed by an eccentric on the bottom of the spindle that causes the central vertical spindle to gyrate. The vertical spindle is free to rotate around its own axis. The crusher illustrated is a suspended spindle type, meaning that the main shaft is suspended at the top and that the eccentric is mounted above the gear.