

**Stone crusher, impact stone crusher in china, impact stone crusher's working principle**  
**Impact Stone Crusher** :With the advanced technology from home and abroad ,Impact Stone Crusher have been designed to deal with the material with the side length 500mm, and less than 350Mpa anti-pressure strength. It features the high crushing ratio ,high effient,and dinal products with the cubic shape ,which has become the ideal equipment for processing aggregates the highroad surface and the hydropower construction. The Impact Stone Crusher we company has produced have found their extensive application in the field of expressway building ,hydropower projects and construction stone crushing.

#### **Main structures of impact stone crusher**

Impact Stone Crusher consists of blow bar,rotor,impact plate,and own protection equipment.The first stage impact plate are consisted of rotor,impact plate,and the chain curtains ;and the second stage impact plate are the space between the impct plate and rotors.One end of the impact plate is hung by the flexible chains and the other have been fixed on the adjustable bolts.

#### **Working Principle of impact stone crusher**

This kind of **Impact Stone Crusher** materials adopts the principle of impact force. When the materials enter the blow bar area, they are crushed due to the high-speed impact of the blow bar and are thrown to the impact plates on the rotor for secondary crush. Then the materials will be shot back to the blow bar again for the third crush. This process will repeat until the materials are crushed to the required size and discharged from the lower part of the machine. The size and shape of the finished powder can be changed by adjusting the gap between the impact rack and rotor support. The machine employs self-weight security device in its back frame. When other objects enter the impact cavity, they will be forced out of the machine by the impact rack in the front and back of the machine.

#### **Structure Features of impact stone crusher**

1. high-efficiency and energy conservation
2. simple structure, non-key connection,
3. high chromium flat hammer, special impact plate
4. cubic shape for the final products, simplified crushing process,adjustable processing flow.
5. convenient maintenance and reliable operation

#### **Products advantages of impact stone crusher**

The Impact Stone Crusher produced by Shanghai Shibang Group definitely occupy the absolute position in China's machinery area! With simple structure,convenient and reliable operation, non-key connection, convenient maintenance, cubic shape for the final products, simplified crushing process,adjustable processing flow,it has been exported abroad and win its own internatioanl welcome and popularity.

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