



**Shanghai Shibang Machinery Co.,Ltd.**

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## Hammer Crusher

PCH **hammer crusher** manufactured by Shanghai Shibang Machinery Co., Ltd. is characterized by simple structure, great reduction ratio, high productivity while saving energy, stable operation, low noise and small blast capacity, etc. It is applicable for both dry and wet crushing. The equipment is widely used for medium or fine crushing for medium hard and brittle materials by departments of mine, cement, coal, building material, metallurgy, chemical industry, road construction, gas chemical industry and thermal power generation, etc. Coal gangue, coke, slag, limestone, phosphate rock, salt, whiting, gypsum stains, alum, brick and tile, etc.

can be crushed by this equipment. The compression strength of the materials shall not exceed 100MPa, while the moisture content shall be lower than 15%. The equipment can be also used for crushing chips and paper with fiber structure and strong elasticity and ductility, or recycling asbestos fiber by crushing wastes of asbestos cement, etc. Gap between the gratings are adjustable to change grain size of the discharge, so as to meet different requirements of the customers.



Working principle of the **hammer crusher**:

PCH **hammer crusher** manufactured by Shanghai Shibang Machinery Co., Ltd. is a kind of rotor impact crusher containing ring hammer. Its main component is the rotor containing hammer (also called hammerhead).The rotor is composed of main shaft, disk, pin and hammer.

It is driven by motor to rotate rapidly in the crushing cavity. The materials are delivered through upper feed inlet into the equipment, and crushed by knocking, impact, shearing and grinding by the quickly moving hammer. The crushed materials with grain size smaller than the mesh opening will be discharged through screen plate on the lower part of the rotor, while those with grain size larger than the mesh are left on the screen plate to undergo impact and grinding by the hammer, and finally discharged through the screen plate.

If you are interested in the **hammer crusher** by us, please call us or visit the website : [http://www.crusher-in-china.com/hammer\\_crusher.html](http://www.crusher-in-china.com/hammer_crusher.html) for relevant prices and detailed technical parameters and specifications etc. Shanghai Shibang Machinery Co., Ltd. will serve you with all our heart!