

Cone crusher ,HCS90 Cone Crusher in china

Based on US technology and the combination of China's metal materials performance, Shanghai Shibang Group have developed this kind of HCS90 [Cone Crusher](#) ,which has achieved the requirements of developing countries.

HCS90 [Cone Crusher](#) has found it extensive application in the field of Metal mine, metallurgical industry, chemical industry, construction industry, cement industry and gravel industry. And HCS90 Cone Crusher can be used as secondary and tertiary crushing to process materials wHCS90 Cone Crusher the knoop number hardness f=mine 5-16's ,such as Iron ore, nonferrous metal ores, granite, limestone, quartzite, sandstone, pebble and so on.



Main Structure of HCS90 Cone Crusher

HCS90 [Cone Crusher](#)'s main structures are including feeding hopper , upframe ,flexible cone ,frame seat ,discharge hopper ,transmitting shaft ,triangle belt,motor and the auxiliary equipment is including the hydraulic lubrication plant and the electric control cabinet ,etc.

Working Principle of HCS90 Cone Crusher

Driven by the electric-motor ,the eccentric shaft bush will rotate wHCS90 [Cone Crusher](#) the triangle belt, transmission shaft .Driven by the eccentric shaft bush ,the flexible cone will make the swing movement ,which makes the fixed and flexible cone close or leave wHCS90 Cone Crusher each other from time to time .And then the materials will be crushed by continously compacting, striking, and crooking in the circle crushing cavHCS90 [Cone Crusher](#). After several times' repeating ,the materials will be crushed to the required size and then they will be discharged by the discharging opening.

Technical Features of HCS90 Cone Crusher

- 1 High- efficiency: the both end of the bear have the support so that HCS90 Cone Crusher can bear larger crushing degree and bigger stroke .And the layer principle wHCS90 [Cone Crusher](#) the adapts specific cavHCS90 Cone Crusher shape have made the machine have the higher crushing efficiency.
- 2 High production: perfect combination design among the crushing stroke ,crushing speed ,and the crushing cavHCS90 Cone Crusher shape have made HCS90 Cone Crushers production output improve by 35%-60% than the traditional cone crusher under the same top diameter .
- 3 High qualit: this kind of machine adopts the specific crushing cavHCS90 [Cone Crusher](#) shape and the layer crushing principle ,which can take the crushing effects among the particles and the ratio of final products wHCS90 Cone Crusher the final products have been

great improved and the particle size have become more evenly. 4 The only change of the fixed cone can realize the mid and fine crushing of multi-cavHCS90 Cone Crusher shape .
5 Double secure control hydraulic and lubrication system have ensured the overloaded protection and better bearing lubrication.

6 Easy maintenance:HCS90 Cone Crusher features simple structure and convenient maintenance .

Technical Parameter of HCS90 Cone Crusher

1.technology parameter

Feeding widden (mm)	135 (100、80、50) four types
Max feeding widden (mm)	110 (80、65、40)
Discharging range (mm)	6-28
Power (Kw)	(75~110)
Max permitting dimension (mm)	<40
Overall dimension length×widden×hight (mm)	2581×1550×3276
weight (t)	9.5

2.lubricate pressure system parameter

Oil motor power (Kw)	1.5
Oil motor pressure (MPa)	16
Oil box cubage (L)	100

3.hydranlic pressure system parameter

Oil motor power (Kw)	2.2
Oil motor pressure (MPa)	1.0
Oil box cubag (L)	800

Sales Hot-line

International trade Dept. Tel: 0086-21-51860270

Office Add

Jianye Road, South Jinqiao Area, Pudong New Area, Shanghai, China.

Postcode: 201201

Official website

<http://www.shibang-group.com>

<http://www.conecrushers.info>

Email

E-mail: sbm@iconecrusher.com