

HCS90 Type Cone Crusher

Introduction to the HCS90 Type [Cone Crusher](#)

Based on US technology and the combination of China's metal materials performance, Shanghai BINQ Group have developed this kind of HCS90 Cone Crusher, which has achieved the requirements of developing countries. And this kind of HCS90 Cone Crusher features large crushing ratio, high production, low energy consumption, even particle size and high crushing adaptability.



Technical features of HCS90 Type Cone Crusher

1. High production capability: HCS90 Type Cone Crusher merges the crushing stroke, speed and cavity shape into a single whole, and this perfect unification design makes its output can improve by 35%~60% compared with the traditional one under the same diameter.
2. High-efficiency: Both the up and end of the Main bearing have the supporting so HCS90 Type Cone Crusher can bear the stronger crushing force and larger stroke.
3. High quality stone: the HCS90 Type [Cone Crusher](#) adopt special crushing cavity and layer crushing principle.
4. The medium and fine crushing of the multi-cavities can be realized by the changing of fixed cone.
5. Double secure controlling hydraulic and lubrication system can ensure the over-loaded protection and better bearing lubrication.
6. Convenient maintenance: the HCS90 Type Cone Crusher features simple and compact structure, and convenient maintenance.
7. The HCS90 Type Cone Crusher will take crushing effects between the particles, which can make the prominent increase the ratio of final particles with the cubic shape. And the stone with needle shape will become less and the particle grading will become more evenly.

Application of HCS90 Type Cone Crusher

With the stable and reliable function , large crushing ratio and evenly size ,the HCS90 Type Cone Crusher have been widely applied in the industrial department like metallurgical, chemical, building materials, electricity, transportation,etc. And now the HCS90 Type Cone Crusher can also be used as the medium and fine crushing equipment for various ores and rocks .

Working principle of HCS90 Type Cone Crusher

During the operation of HCS90 Type Cone Crusher ,the motor will drive the eccentric shaft bush to rotate by the horizontal axis and the bevel gear . Driven by the eccentric shaft bush ,the flexible hammer will swing and makes the spare between the crushing mantle and the concave change from time to time ,thus the materials will be crushed by the continuously pressed and striked.

Main technical parameters of HCS90 Type Cone Crusher

Cone Crusher

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|--|--------------------------------|
| 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 |

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