

## HP Cone Crusher

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The HP cone crusher is the globally advanced and high-performance cone crusher developed by absorbing the latest Germanic technology, which is widely used in metal and nonmetal ore, cement factory, sand and stone metallurgy industries. **HP cone crusher** has not only increased the productivity and crushing effect, but also expand the using field, from limestone to basalt, from stone production to various stone crushing.



### Features of HP Cone Crusher

HP Cone Crusher can complete various medium fine, fine and super fine operation with high efficiency, easy to maintain and embrace great reliable operation. It is the latest product for replacement of spring cone crusher and common hydraulic crusher in the modern ore and construction industries, and a optimum equipment for grand scale stone processing factory and ore crushing.

The high efficient **hydraulic cone crusher** is a high-efficient cone crusher developed by absorbing the Germanic technology, it has the following features:

1. High efficiency: this machine adopts the fixed main draft, equal small spherical axis and other perfected structure, comparing with the old spring cone crusher, efficiency has been increased by 5%-15%.
2. Big capacity: this machine is a perfect combination of crushing stroke, crushing speed and crushing chamber, which makes the capacity 35%-60% more than that of the old spring cone crusher while size of crushing cone is the same.

3. High-quality pebble: this machine adopts the lamination crushing principle, there will be crushing function happening between different kernels, so that proportion of cubic shaped products can be obviously high, needle-like stones will be less, and grain grade will be more even.

4. More stable performance: while there are materials not suitable for crushing entering into the machine, the protection device will start automatically to relieve it and reset immediately.

5. The multi-split hydraulic lubrication control system will ensure a double protection to draft lubrication and a over-load protection.

#### Technical Data of HP Cone Crusher

Type	Cavity (coarse/fine)	Min. discharge size (mm)	Feed size (mm)	Capacity (t/h)	Power (kW)	Weight (t)	movable cone diameter (mm)
HP-160	C	13	150	120-240	160	13	950
	F	6	76	55-180			
HP-220	C	13	225	150-430	220	18	1160
	F	6	86	90-260			
HP-315	C	13	290	190-610	315	26	1400
	F	6	100	108-320			
HP-400	C	13	320	230-700	400	33	1500

Note: Any change of **HP Cone Crusher** technical data shall not be advised additionally.

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