

HPC Series Cone Crusher - Cone Crusher



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Application:

HPC series cone crusher with high-efficiency and hydraulic pressure was widely used in mining, concrete factory, sandstone making, etc. The machinery's pressure resistance strength is under 350Mpa. And they are widely suitable for primary crushing of many kinds of mining and rock such as many kinds of ores, concrete, fireproof material, bauxite, quartzite, corundum, perlite, ironstone, basalt, etc.

Features and Benefits:

1. The new series of HPC cone crusher with high-efficiency and hydraulic pressure equipment is adopted three protecting equipment such as protecting oilcan, locking oilcan and hydraulic driving oilcan. They not only protect the machinery, but could deal with troubles without disassembly the parts.
2. The equipment also can adjust the size of final material. The machinery with high dependability operated very expediently.
3. The crushing chamber specially designed according to particles sink principal and its matching speed can sharply increase the crushing ratio, output and content percentage of cubical product in final crushed material.
4. In the special circumstances such as irons was feed into the crushing chamber together with the materials and there is a jam in the crushing chamber, the hydraulic equipment could open the cover automatically, then the products could output successfully. It greatly reduced the trouble of stopping the machine to output the products artificially. Which makes the maintenance more convenient and with low cost.
5. It is adjusted by hydraulic device and lubricated by the dilute oil. And with locking sleeve assembly, it can overcome the trouble of oil and water being mixed together.
6. The concave and mantle made by high manganese steel. Owing to the change of the concave's style and the protection of the crushed products, the abrasion of the machine is reduced greatly and can last long compared with the old cone crusher.

Technique Parameter of HPC Series Cone Crusher:

Model	Cavity (coarse/fin e)	Discharge setting min.(mm)	Feed opening(mm)	Capacity(t/h)	Power(kw)	Weight(t)	movable cone diameter (mm)
HPC-160	C	13	150	120-240	160	13	950
	F	6	76	55-180			
HPC-220	C	13	225	150-430	220	18	1160
	F	6	86	90-260			
HPC-315	C	13	290	190-610	315	26	1400
	F	6	100	108-320			
HPC-400	C	13	320	230-700	400	33	1500
	F	6	110	145-430			

Note: This specification is just for reference, any changes are subject to the products.