

## Cone Crusher

The zenith cone crusher has been developed to crush high or medium hardness material ,such as iron ore ,copper ore, limestone, quartz, granite, and sand stones, ect. And The crusher is used in metallurgical, construction, road building, chemical, silicate Industries.The cone crusher has the advantage of reliable construction, high prod activity , easy adjustment and less cost in operation. The spring release system of crusher acts an overload protection system that allows tramp to pass through the crushing chamber without damage to the crusher, use dry oil, water, two kinds of sealed formation. Cone crusher made plaster stone and engine oil separated, assured reliable performance. The type of crushing chamber depend upon the size of feed and fineness of the crushed product. The standard type is applied to medium crushing, the medium type is applied to medium or fine crushing and the short head is applied to fine crushing.



The main features of cone crusher:

1. The zenith cone crushes by the change of the gap in the crushing cavity. The gap is opened and closed by the gyration of main shaft, which is derived by motor through cone gears.

2. The zenith cone crusher is of high reduction ratio, high performance, low power consumption, and uniform size products. The crusher machine has been used in the secondary and tertiary crushing.

3. The cone crusher consists of body frame, transmission shaft, eccentric sleeve, cone bearing, breaking cone, supporting sleeve, adjusting sleeve, feeding part, spring, elastic coupling, lubrication part, electric part,

ect.

**Cone crusher specification:**

Type	Outside diameter Of crushing cone (mm)	Max feed size (mm)	The adjusting range of discharger (mm)	Crushing capacity (t/h)	Electric motor power (kw)	Speed of Eccentric shaft (r/min)	weight (T)	
PYB	600	600	65	15-25	40	30	356	5
PYD			35	3-13	12-23			5.5
PYB	900	900	115	15-30	50-90	55	333	11.2
PYZ			60	5-20	30-65			11.2
PYD			50	3-13	15-50			11.3
PYB	1200	1200	145	20-50	110-168	110	300	24.7
PYZ			100	8-25	42-135			25
PYD			50	3-15	18-105			25.3
PYB	1750	1750	215	25-50	280-480	160	245	50.3
PYZ			185	10-30	115-320			50.3
PYD			85	5-13	75-230			50.2
PYB	2200	2200	300	30-60	59-1000	280-260	220	80
PYZ			230	10-30	200-580			80
PYD			100	5-15	120-340			81.4

**Note:** If there is change of the above specification, it subjects to the newest products' specifications.

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