

Spring Cone Crusher



Descriptions

Cone Crusher is widely used in metallurgical industry, building materials industry, construction industry, chemical industry and silicate industry, applicable to crush various kinds of ores and rocks of medium or above medium hardness, and cone crusher is of big crushing ratio, high efficiency, large capacity, low cost, easy adjustment, and used economically, etc. The reasonable part selection and structural design extend crushers' usage life, and the final products of uniform particle size reduce the cycle load, the medium to large-sized crusher, adopts the hydraulic clear-cavity system, reduces downtime, and various types of crusher cavity to better adapt to users' needs.

Working Principle

During operation, the motor drives the eccentric shaft shells to turn around through a horizontal axle and a pair of bevel gear. The axle of crushing cone swings with the force of eccentric shaft shell so that the surface of the crushing wall is close to the roll mortar wall from time to time. In this way, The ores and rocks will be pressed and crooked and crushed.

Advantages and features

- High productivity; high quality;
- Less machine stop time;
- Easy maintenance and lost cost;
- Unique crushing ability in primary, secondary and tertiary crushing.

Main Technical Parameters

Model	Moving Cone Diameter (mm)	Feeding Opening Size (mm)	Discharging Opening Size (mm)	Max. Feeding Size (mm)	Capacity (mm)	Eccentric Rotating Speed (r/min)	Electric Motor Powder (kw)	Over Dimension (mm)
PYB-600	600	75	12-25	65	12-25	356	30	2800*1300*1700
PYD-600		40	2-13	35	5-23			
PYB-900	900	135	15-50	115	50-90	333	55	3050*1640*2350
PYZ-900		70	5-20	60	20-65			
PYD900		50	3-13	50	15-50			
PYB-1200	1200	170	20-50	145	110-168	300	110	4152*2300*2980
PYZ-1200		115	8-25	100	42-135			
PYD-1200		60	3-15	50	18-105			
PYB-1750	1750	250	25-50	215	280-480	245	160	6020*2948*4190
PYZ-1750		215	10-30	185	115-320			
PYD-1750		100	5-15	85	75-230			
PYD-2200	2200	350	30-60	300	590-1000	220	260-280	7705*3432*4842
PYZ-2200		275	10-30	230	200-580			
PYD-2200		130	5-15	100	120-370			



cone rock crusher



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mini cone crusher