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SHIBANG Cone Crusher

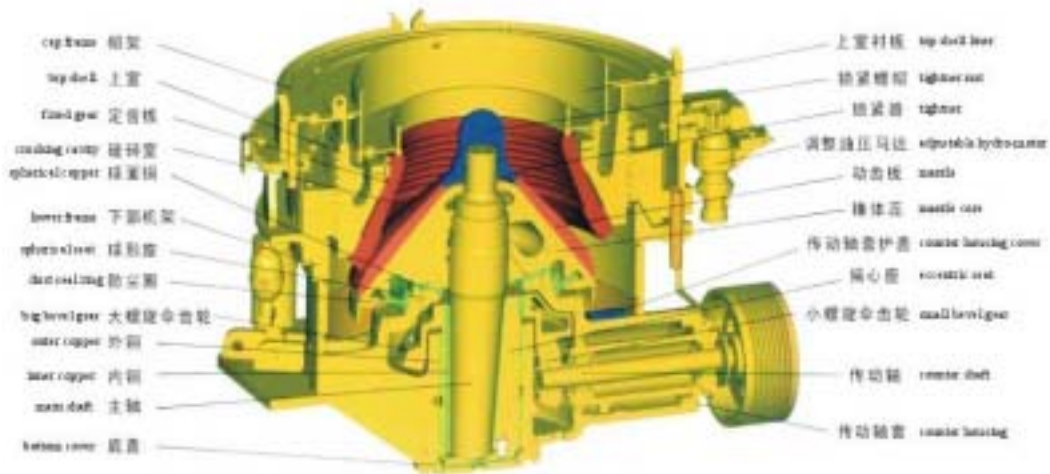


Application

This series of crushers is widely applied in metallurgical, construction, road building, chemical and phosphatic industry. It is suitable for hard and mid-hard rocks and ores, such as iron ores, copper ores, limestone, quartz, granite, gritstone, etc. Type of the crushing cavity is decided by the application of the ores. Standard type is for PYZ (secondary crush); middle type is for PYD (tertiary crush); short-head type is for primary and secondary crush.

Features

1. high productivity; high quality
2. less machine stop time
3. easy maintenance and low cost
4. unique crushing ability in primary, secondary and tertiary crushing



Structure and operation principles :

The crusher consist of frame, transmission device, hollow eccentric shaft, bowl-shaped bearing, crushing cone, springs and hydraulic pressure station for adjusting discharge opening.

During operation, the motor drives the eccentric shaft shell 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.

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)	Overall dimensions (LxWxH)(mm)		
PYB	600	600	65	15-25	40	30	356	5	2234x1370x1675	
PYD			35	3-13						12-23
PYB	900	900	115	15-30	50-90	55	333	11.2	2692x1640x2350	
PYZ			60	5-20						30-65
PYD			50	3-13						15-50
PYB	1200	1200	145	20-50	110-168	110	300	24.7	2790x1878x2844	
PYZ			100	8-25						42-135
PYD			50	3-15						18-105
PYB	1750	1750	215	25-50	280-480	160	245	50.3	3910x2894x3809	
PYZ			185	10-30						115-320
PYD			85	5-13						75-230
PYB	2200	2200	300	30-60	59-1000	280-260	220	80	4622x3302x4470	
PYZ			230	10-30						200-580
PYD			100	5-15						120-340

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