

Products of the world range Hydraulic Gyrotory Crusher

Advantages and characteristics

- more uniform product size
- less abrasion of crushing cavity walls
- higher working efficiency
- more production capacity



The production of gyrotory crusher has a history of over 100 years. Compared with jaw crusher, its product size is uniform, wearing of crushing wall is small, operating rate is high and production capacity can reach up to 3-4 times. Since the direct turning mode is adopted for feeding, such production facilities as storage bin for raw ore and ore feeder can be omitted during coarse crushing of crushing production technology. It is the preferred typical equipment for large and medium sized mines and other industries for coarse crushing of various hard materials.

Generally, the hydraulic gyrotory crusher is produced to install the hydraulic device on lower part of its base to support the crushing cones. The safe insurance of crusher and adjustment of ore discharging mouth are realized by utilizing the hydraulic energy storage system. The unreliability of safety devices of original suspension shaft type gyrotory crusher and shortage of troublesome adjustment of ore discharging mouth can be overcome to bring new life to the gyrotory crusher.



Hydraulic Gyrotory Crusher Series Parameter List

Model & specification	Size of feed port mm	Recommend maximum size of feed port mm	Minimum discharge port size mm	Discharge outlet adjustment range mm	Moving cone bottom diameter mm	Production capacity t/h	Motor
							Power kw
PXZ0506	500	420	60	60-90	1200	140-250	155
PXZ0710	700	580	100	100-130	1400	310-400	180
PXZ0913	900	750	130	130-160	1650	600-1000	280
PXZ1216	1200	1000	160	160-190	2000	1200-1500	400
PXZ1417	1400	1200	170	170-200	2200	1500-2500	500
PXZ1417A	1400	1200	170	170-220	2200	2750-3300	560
PXZ6089	1524	1300	178	178-200	2260	3000-3500	560
PXZ6393	1600	1350	190	190-215	2362	3700-4500	800

Note : The above technical parameters is only for reference.The actual value shall depend on practical material type and production conditions.