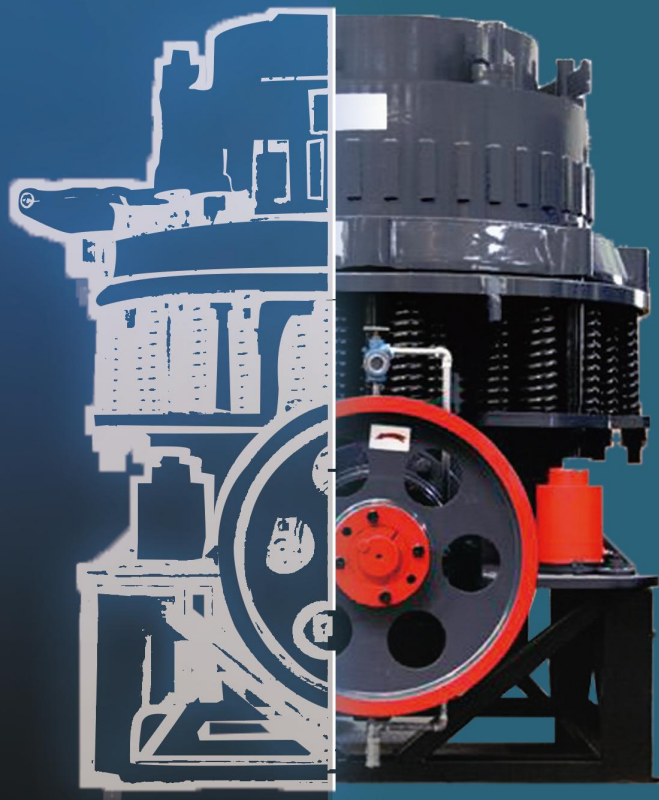




DING BO

ZYS Spring Cone Crusher

Capacity: 80-610t/h
Max. Input Size: 300mm



Craftsmanship
Shape the reputation of trust



Features

High Processing Capacity

High performance and high frequency, using the principle of laminated crushing.

Reliable Operation

It is sealed with grease to avoid the disadvantages of easy blockage of water supply and drainage system and the defect of easy mixing of water and oil.

Reasonable Design

The structure is simple, easy to operate and maintain, and reduces downtime.

Low Failure Rate

It is easy to use, easy to realize automation, and the equipment failure rate is reduced by 90%.

Sufficient Supply of Spare Parts, Worry-free Operation

Dingbo is the manufacturer, we take responsibility for every machine produced by ourselves. We can offer customers technical services about products and original spare parts to ensure the worry-free operation.



Capacity: 80-610t/h

Max. Input Size: 300mm

Min. Output Size: 3mm

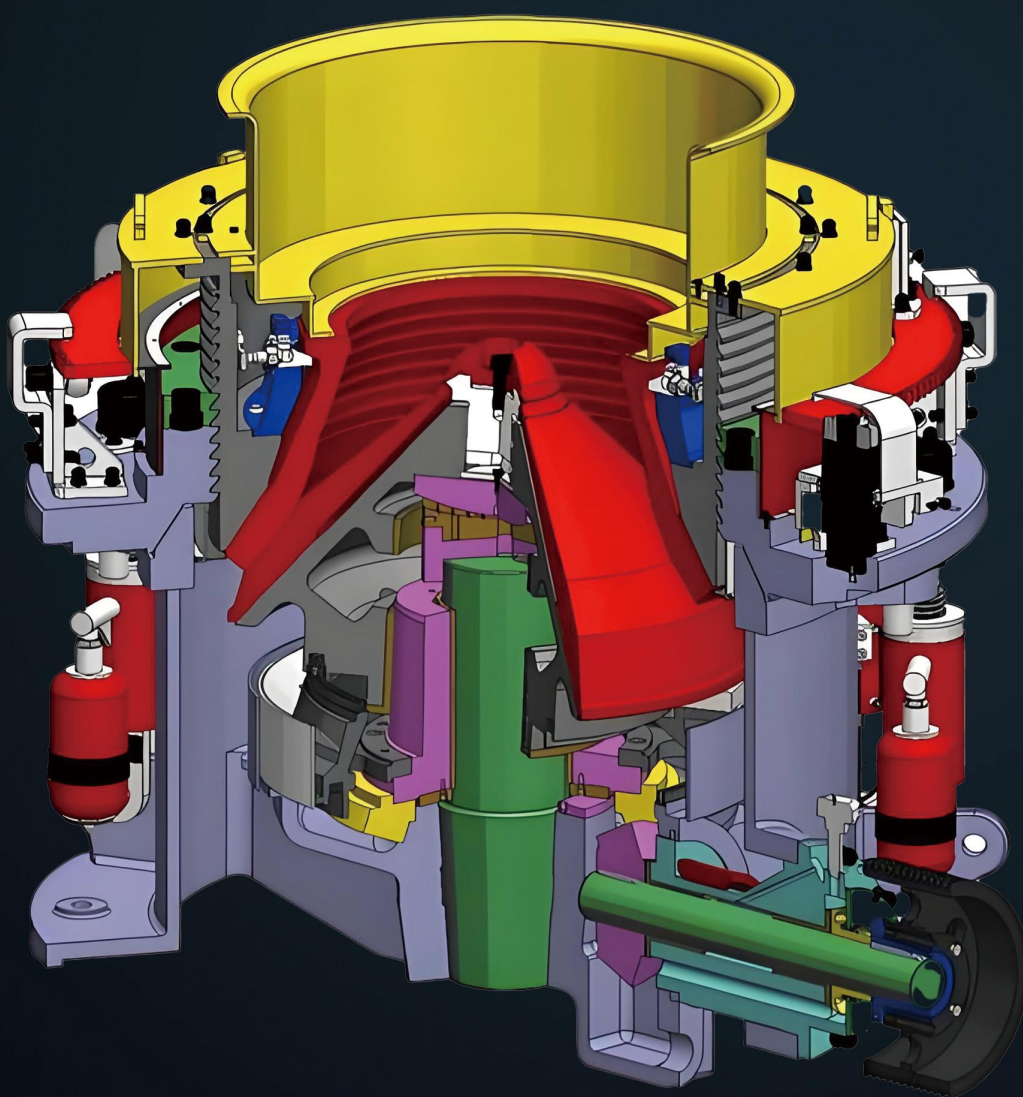
Application

Popular among aggregates, highway construction, railway construction, airport building and some other industries.

Material

Most kinds of rocks, metallic ores, and other minerals, such as granite, marble, basalt, iron ore, copper ore, etc.







Technical Parameters

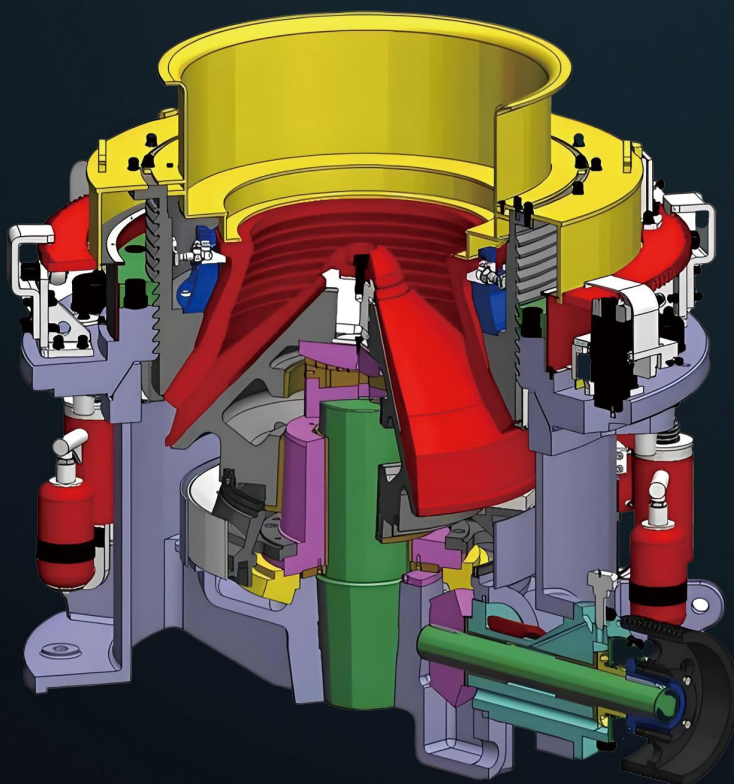
Model	Cavity Size	Max Feeding Size(mm)	Adjusting Range of Output Size(mm)	Capacity (t/h)	Motor Power (KW)	Weight (t)	Overall Dimension (mm)
ZYS36B	Fine	85	9~22	45~91	75	14.5	2656×1746×2410
	Coarse	150	13-38	59~163			
	Extra Coarse	152	25-38	118~163			
ZYS36D	Fine	35	3~13	27~90		15	
	Medium	65	5~16	36~100			
	Coarse	85	6~19	59~129			
ZYS51B	Fine	115	13~31	109~181	160	26.5	2958×2354×3156
	Medium	178	16~38	132~253			
	Coarse	205	19~51	172~349			
	Extra Coarse	220	25~51	236~358			
ZYS51D	Fine	54	3~16	36~163		27	
	Medium	76	6~16	82~163			
	Coarse	89	8~25	109~227			
	Extra Coarse	113	16~25	209~236			
ZYS66B	Fine	178	16~38	181~327	250	51	3941×2954×3771
	Medium	205	22~51	258~417			
	Coarse	228	25~64	299~635			
	Extra Coarse	313	38~64	431~645			
ZYS66D	Fine	60	5~13	90~209		52	
	Medium	76	6~19	136~281			
	Coarse	113	10~25	190~336			
	Extra Coarse	125	13~25	253~336			
ZYS84B	Fine	236	19~38	381~726	315	90	4613×3251×4732
	Medium	284	25~51	608~998			
	Coarse	314	31~64	789~1270			
	Extra Coarse	391	38~64	880~1361			
ZYS84D	Fine	89	5~16	190~408		92	
	Medium	113	10~19	354~508			
	Coarse	151	13~25	454~599			
	Extra Coarse	172	16~25	508~653			

Notice: Any change of technical data shall not be advised additionally.



WORKING PRINCIPLE

The working principle of the compound cone crusher: when working, the rotation of the motor passes through the pulley or the linkage shaft, the drive shaft of the cone crusher and the cone part of the cone crusher are forced by the eccentric sleeve to perform a swinging motion around a fixed point. Therefore, the crushing wall of the crushing cone is sometimes close to and sometimes away from the surface of the mortar wall fixed on the adjusting sleeve, so that the ore is continuously impacted, squeezed and bent in the crushing cavity to realize the crushing of the ore.





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