

# **PY spring cone crusher**

Spring-cone-crusher.html

Title: cone crusher, spring cone crusher, China cone crusher for sale, cone crusher manufacturer

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Des: SBM spring cone crusher is one of the fine mining equipment. SBM is a professional cone crusher machine manufacturer in China. This page is mainly about spring cone crusher application places, spring cone crusher specification and images.

## **PY spring cone crusher brief introduction:**

SBM spring cone crusher machine is one kind of cone crusher machines which is the oldest in the world, and it is widely used in larger quantity crush mechanism at present. Compare with jaw crusher machine, cone crusher is of stable structure, high efficiency, easy adjustment, economic operation, etc. SBM spring cone crusher machine is suitable to crush various kinds of ores and rocks of medium or above medium hardness. The short-head type cone crusher machine is PYB (sales code, mainly for primary and secondary crushing), the standard type cone crusher machine is PYZ (mainly for secondary crushing), the middle one is PYD (mainly for tertiary crushing).

## **PY spring cone crusher machine is suitable for:**

SBM spring cone crusher machine is widely used in metallurgical industry, chemical industry, phosphate industry, mining and construction, road building, etc. SBM spring cone crusher machine is designed to crush hard and mid-hard rocks and ores, such as ironstone, limestone, grit stone, copper ore, quartz, granite, etc. The type of the crushing cavity of the cone crusher is decided by the application of the ores.

## **PY spring cone crusher machine features and benefits:**

- 1) SBM spring cone crusher machine has high productivity and high quality.
- 2) SBM spring cone crusher machine can do long time continuous work.
- 3) Easy maintenance and low cost. The spring safety system of SBM spring cone crusher acts as overloading protection system that allows metal to pass through the crushing chamber without damaging the cone crusher.
- 4) Unique crushing ability in primary, secondary and tertiary crushing.

## **PY spring cone crusher machine structure:**

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

## **PY spring cone crusher machine working principle:**

SBM spring cone crusher machine crushes materials by the working surface between the

movable cone and fixed cone. During operation, the motor of SBM spring cone crusher 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.

**PY spring cone crusher machine specification:**

Model	Max. Feed Size(mm)	Adjustable range of Discharging Opening(mm)	Capacity(t/h)	Motor Power(kW)	diameter of cone crusher at big end(mm)	Weight(t)
PYB	900	115	60-105	55	Φ900	11.2
PYZ		60	50-90			
PYD		50	15-50			
PYB	1200	145	110-168	130	Φ1200	35
PYZ		100	42-135			
PYD		50	18-105			
PYB	1750	215	280-480	160	Φ1750	50.3
PYZ		185	115-320			50.3
PYD		85	75-230			50.2
PYB	2200	300	590-1000	260 280	Φ2200	80
PYZ		230	200-580			
PYD		100	125-350			

**PY spring cone crusher machine image:**





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