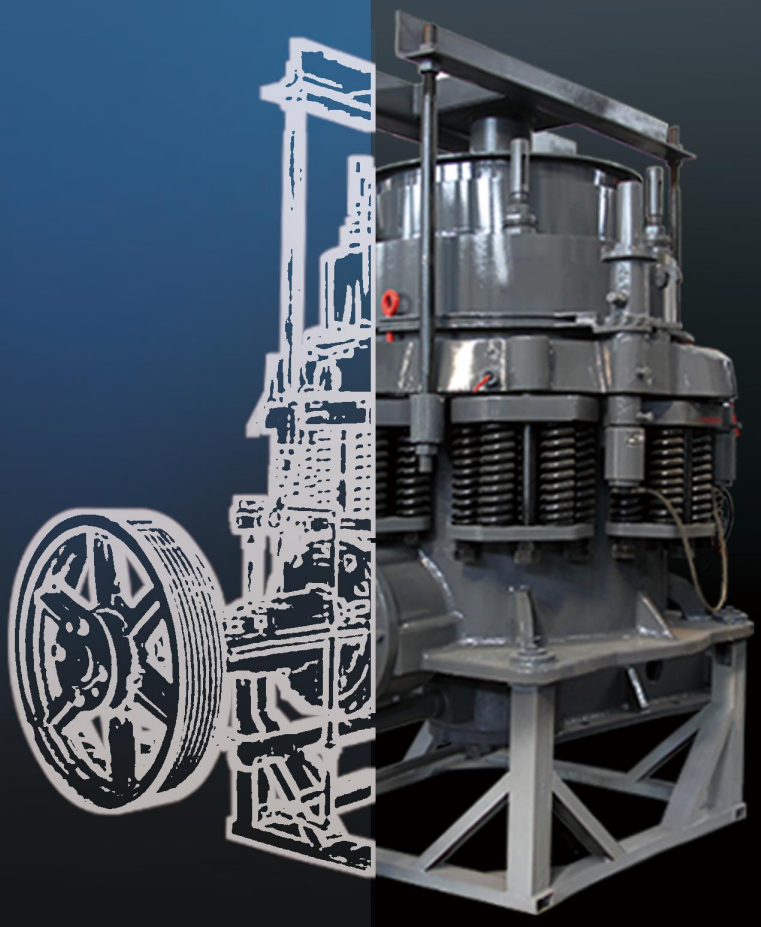
DING BO

PY Spring Cone Crusher

Capacity:27-1400t/h
Max. Input Size: 369mm



Craftsmanship
Shape the reputation of trust

Features

Reliable Performance - Classical Structural Design

PY Spring Cone Crusher takes the classic structure of traditional crushers, which allows it to keep stable under different operational situations.

Multiple Cavity Types Suitable for Different Working Conditions

PY Spring Cone Crusher has two types, i.e. standard type and short-head type; each type of PY cone crusher is equipped with multiple cavities, so that all PY cone crushers are suitable for the intermediate crushing and fine crushing of materials of various rigidities. A large number of practical applications show that PY Spring Cone Crusher realizes excellent performance when being used in intermediate crushing operations.

The Principle of Lamination Crushing Brings Better Discharging Size

PY Spring Cone Crusher adopts the principle of lamination crushing. Not only can the crushing efficiency improve, but also the abrasion of vulnerable parts reduces greatly. The finished products are cubic. Meanwhile, the content of qualified fine particles is high enough. Finished products can better serve as high-quality aggregates.

Hydraulic Lubrication System Makes Operations Easier

PY Cone Crusher is equipped with the hydraulic lubrication system, through which users can easily complete the adjustment of discharge opening and the cavity cleaning, thus simplifying the daily operations of cone crusher. In addition, this system adopts electric cooling lubricating oil station, which can realize the automatic control of lubrication station and guarantee the lubrication and cooling during operation of PY Cone Crushers.

Capacity: 27-1400t/h

Max. Input Size: 369mm

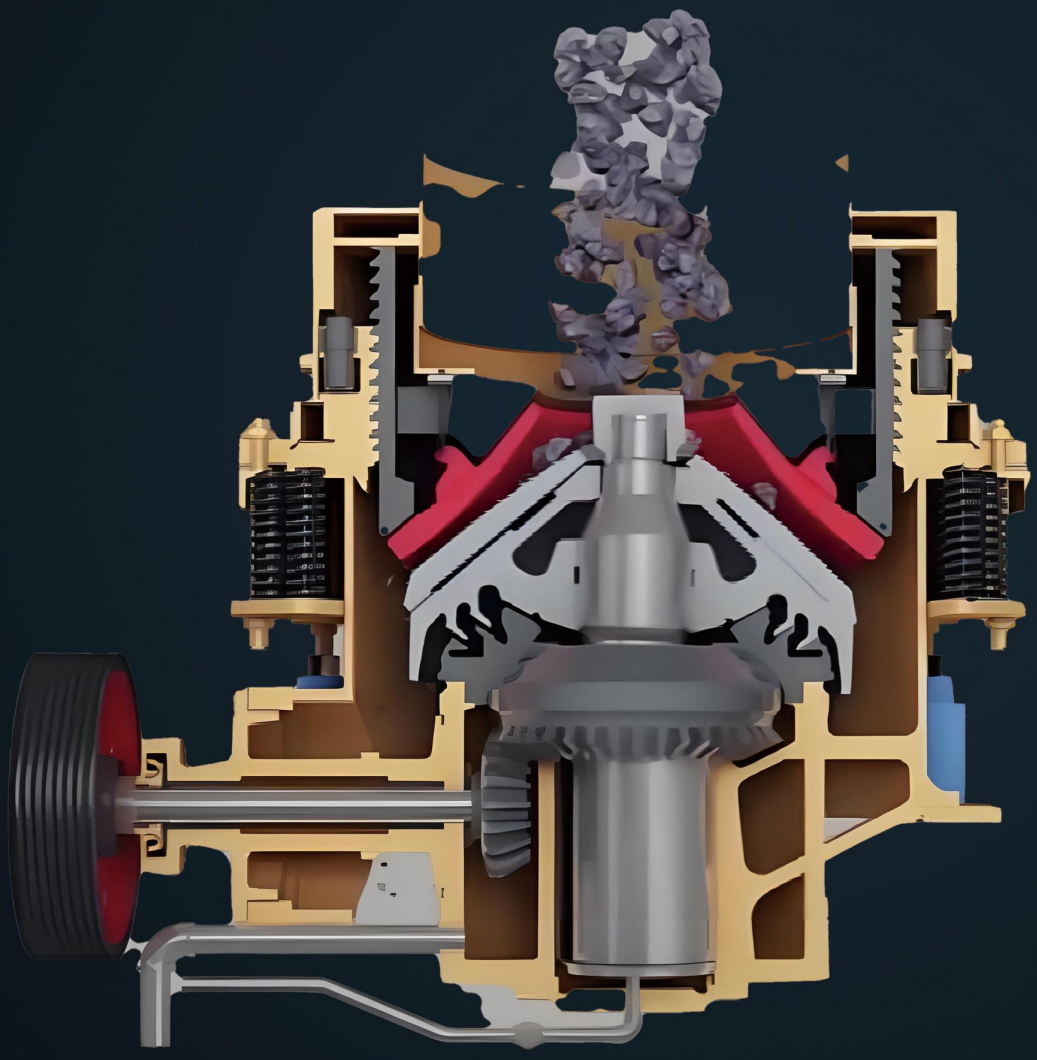
Min. Output Size: 3mm

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.



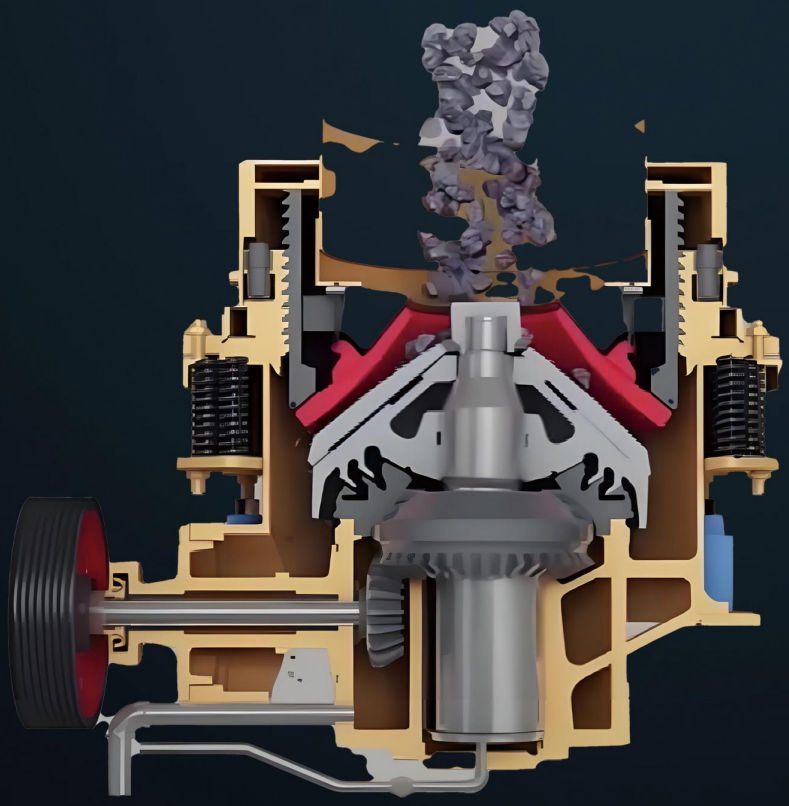
Technical Parameters

Model	Max. Feeding Sizes (mm)	Adjustable Range of Output Size(mm)	Capacity (t/h)	Motor Power (kw)	Weight (t)	Overall Dimension (mm)
PYB600	65	12-25	10-25	30	5	2234×1370×1675
PYD600	35	3-13	5-20	30	5.5	2234×1370×1675
PYB900	115	15-50	50-90	55	11.2	2692×1640×2350
PYZ900	60	5-20	20-65	55	11.2	2692×1640×2350
PYD900	45	3-13	15-50	55	11.3	2692×1640×2350
PYB1200	145	20-50	110-168	110	24.7	2790×1878×2844
PYZ1200	100	8-25	42-135	110	25	2790×1878×2844
PYD1200	50	3-15	18-105	110	25.6	2790×1878×2844
PYB1750	215	25-60	280-480	160	50.3	3910×2894×3809
PYZ1750	185	10-30	115-320	160	50.3	3910×2894×3809
PYD1750	85	5-15	75-230	160	50.4	3910×2894×3809
PYB2200	300	30-60	490-800	260/280	80	4622×3302×4470
PYZ2200	230	10-30	200-580	260/280	80	4622×3302×4470
PYD2200	100	5-15	120-340	260/280	81.4	4622×3302×4470

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

WORKING PRINCIPLE

When the PY Spring Cone Crusher works, driven by the motor, the eccentric sleeve rotates under the combined action of the triangular belt, big belt pulley, transmission shaft, bevel pinion and bevel gear wheel. Then, under the action of the eccentric sleeve, axis starts to rotate, too. During which, the crushing wall would be sometimes close to or sometimes away from the rolling wall. This motion forces materials to be shocked, squeezed and broken continuously in the crushing cavity between the crushing wall and the rolling wall. Finally, materials are discharged out of the machine when their fineness reaches the discharging standard.



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