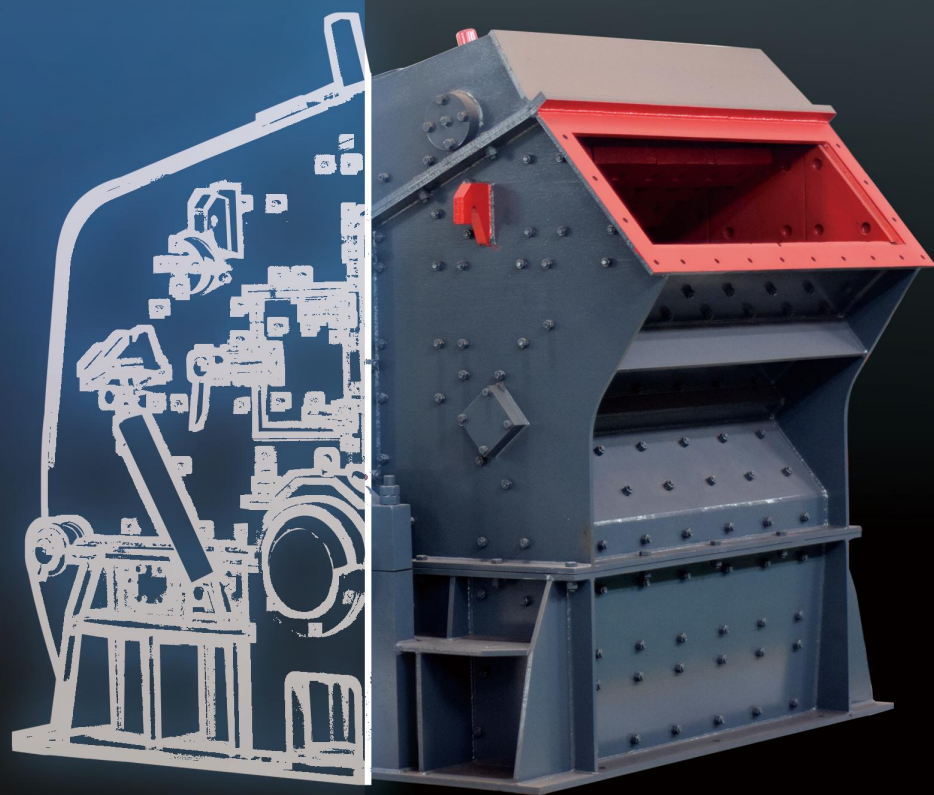




DING BO

HPT Hydraulic Cone Crusher

Capacity: 45-1200t/h
Max. Input Size: 350mm



Craftsmanship
Shape the reputation of trust



Features

Multiple Cavity Types Meet Various Production Needs

HPT Hydraulic Cone Crusher has several kinds of cavities suitable for medium-fine or fine crushing of materials. Users can freely make choices among different cavities by changing only a few spare parts like the lining plate, truly achieving that a crusher serves multiple purposes.

PLC Integrated Control System Makes Operations Simpler

HPT Hydraulic Cone Crusher adopts the advanced PLC electrical system, which can continuously detect the crusher and give alarms, and display various operating parameters. The operator can learn the operating conditions of the crusher in real time. This system not only simplifies the operations of production line and saves the labor cost, but also reduces the operation risk, so that the safety performance of the production line is higher.

Upgraded Structure, Higher Efficiency

Reserving unique structures like the fixed axis and the characteristic that eccentric sleeve rotates around the axis, HPT Hydraulic Cone Crusher further optimizes the transmission parts and lubrication and sealing structures. So, this crusher boasts strong holding capacity, bigger installed power, higher efficiency yet lower noises.

The Principle of Lamination Crushing Brings Better Discharging Size

HPT Hydraulic 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.

Sufficient Supply of Spare Parts, Worry-free Operation

Dingbo is the manufacturer, we takes 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: 45-1200t/h

Max. Input Size: 350mm

Min. Output Size: 6mm

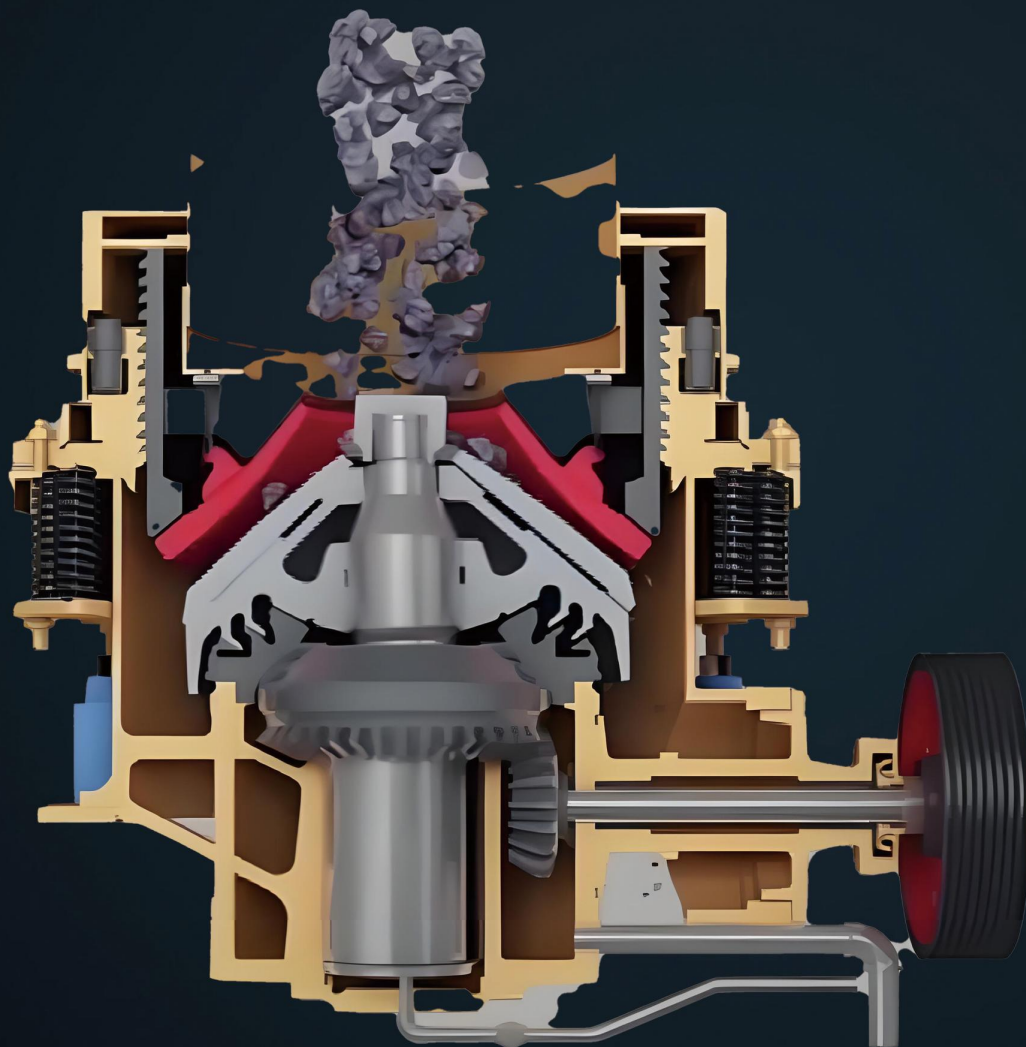
Application

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

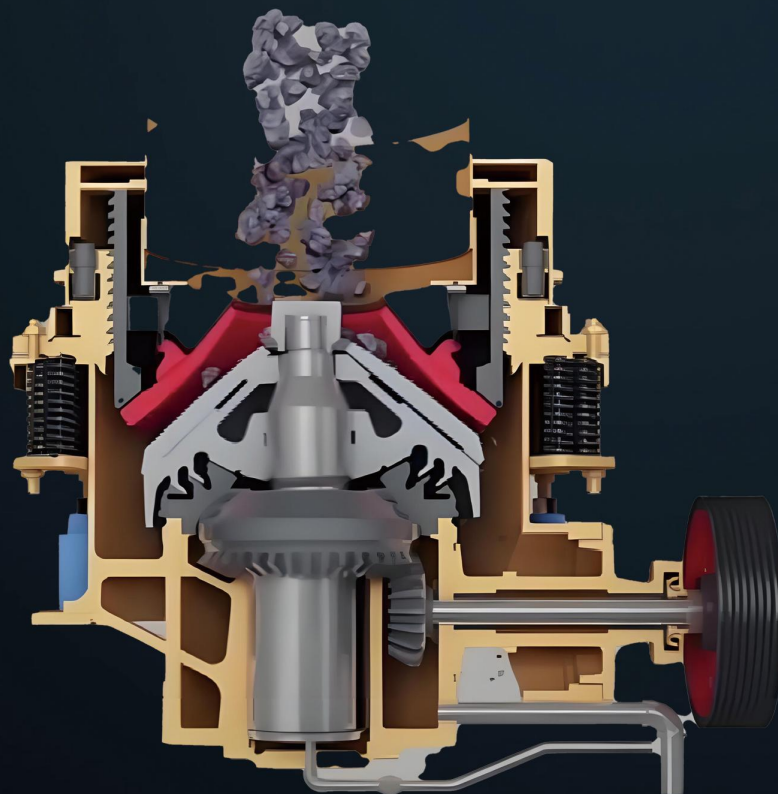
Model	Cavity Size (Coarse/Fine)	Minimum Discharging Size (mm)	Max Feeding Size (mm)	Capacity (t/h)	Power (kw)
HPT100	C1	140	19	50-140	90
	C2	100	13	50-140	90
	M	70	9	50-140	90
	F1	50	9	50-140	90
	F2	20	6	50-140	90
HPT200	C2	185	19	90-250	160
	M	125	16	90-250	160
	F1	95	13	90-250	160
	F2	75	10	90-250	160
HPT300	C1	230	25	110-440	250
	C2	210	19	110-440	250
	M	150	16	110-440	250
	F1	105	13	110-440	250
	F2	80	10	110-440	250
HPT400	C1	295	30	135-630	315
	C2	251	25	135-631	315
	M	196	20	135-632	315
	F1	110	13	135-633	315
	F2	90	10	135-634	315
HPT500	C1	330	38	220-790	400
	C2	290	30	220-790	400
	M	210	22	220-790	400
	F1	135	16	220-790	400
	F2	95	13	220-790	400
HPT800	C1	350	38	310-1200	630
	C2	299	32	310-1200	630
	M	265	25	310-1200	630
	F1	220	16	310-1200	630
	F2	150	13	310-1200	630

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



WORKING PRINCIPLE

When a HPT Multi-cylinder Hydraulic Cone Crusher works, driven by the motor, the transmission shaft rotates under the action of belt pulley and triangular belt. Next, the transmission shaft drives the eccentric sleeve to make it rotate around the axis. Meanwhile, the eccentric sleeve forces the movable cone to do pendular movement. This movement makes the movable cone and fixed cone sometimes close to, sometimes far away from the rolling wall. Materials are continuously shocked, squeezed and crushed 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.





DING BO

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