

## CS Cone Crusher

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**CS cone crusher** absorbs the foreign technology. It is a high-performance cone crusher based on the principle of layer crushing, which ensures more crushing and less grinding. It is an integration of high frequency, optimized chamber and reasonable stroke.



### Features of CS Cone Crusher

1. excellent-performance: based on the optimized design and the reasonable combination between speed and stroke, the handling capacity of this cone crusher is much higher than that of the cone crusher with the same type.
2. the products are of good shape: layer crushing improves the shape of the final products, the needle shaped products is lessened.
3. nice stability: when through iron, the overload protection will release it and reset automatically. There is fixed return point of overload protection, when there are iron passing through the crushing chamber, the discharge opening will be recovered quickly.
4. the useless stuff can be cleaned easily: when the cone crusher stops because of overloading, the hydraulic eliminating system will clean the useless stuff quickly.
5. high reliability: the large-diameter principle axis, heavy main-frame, and independent thin-oil lubrication system, all together make sure the equipment steady, durable and reliability.
6. convenient maintenance: all the components are easy to disassemble. Bronze sliding bearing maintains excellent load-carrying property to against the strong shock-vibration. It is easy to maintain and more economical.

7. low operation cost: the high production capacity, high reliability, convenient maintenance, all reduce the operation cost.

8. it is widely used: **CS cone crusher** is used in various fields from coarse crushing to fine crushing, from stationary crusher to mobile crusher.

9. separated lubrication: independent thin-oil lubrication system is controlled by multi-point, ensuring the double protection, and improving the self-safeguard.

### Technical Data of CS Cone Crusher

Standard

Model	Dia. mm (inch)	Cavity	Feed Opening		Outlet Setting (mm)	Shaft Speed (r/min)	Power (kw)	Capacity (t/h)	Weight (t)	Dimension (mm)
			Closing Side (mm)	Opening Side (mm)						
CSB75	900 (3')	Fine	83	102	9-22	580	75	45-91	15	2821×1880×2164
		Coarse	159	175	13-38			59-163		
CSB160	1295 (4 1/4')	Fine	109	137	13-31	485	160	109-181	27	2800×2342×2668
		Medium	188	210	16-38			132-253		
		Coarse	216	241	19-51			172-349		
CSB240	1650 (5 1/2')	Fine	188	209	16-38	485	220	181-327	55	3911×2870×3771
		Medium	213	241	22-51			258-417		
		Coarse	241	268	25-64			299-635		
CSB315	2134 (7')	Fine	253	278	19-38	435	315	381-726	110	4613×3251×4732
		Medium	303	334	25-51			608-998		
		Coarse	334	369	31-64			789-1270		

Short Head

Model	Dia.	Cavity	Feed	Outlet	Shaft	Power	Capacity	Weight	Dimension
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	mm (inch)		Opening		Setting (mm)	Speed (r/min)	Power (kw)	Capacity (t/hour)	Weight (t)	Dimensions (mm)
			Closing Side (mm)	Opening Side (mm)						
CSD75	914 (3')	Fine	13	41	3-13	580	75	27-90	15	2821×1880×2410
		Coarse	33	60	3-16			27-100		
CSD160	1295 (4 1/4')	Fine	29	64	3-16	485	160	36-163	27	2800×2342×2668
		Medium	54	89	6-16			82-163		
		Coarse	70	105	10-25			109-227		
CSD240	1676 (5 1/2')	Fine	35	70	5-13	485	220	90-209	55	3917×2870×3771
		Medium	54	89	6-19			136-281		
		Coarse	98	133	10-25			190-336		
CSD315	2134 (7')	Fine	51	105	5-16	435	315	190-408	110	4130×3251×4454
		Medium	95	133	10-19			354-508		
		Coarse	127	178	13-25			454-599		

Note: Any change of **CS Cone Crusher** technical data shall not be advised additionally.

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