

# CORE CONE CRUSHER SH 400

*get more with core...*





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Core SH 400 Cone crusher has been designed ruggedly to withstand tuff duty conditions in quarry & mining application.

## Some of the salient features of SH 400 Cone crusher are:

- Less Friction more crushing Power : Anti Friction Roller bearings for Eccentric, Main shaft & counter shaft, Plain spherical spider bearing, saves a lot of frictional losses over conventional bush bearing design.
- This crusher is run on no load with a 37 Kw motor. More power is available for crushing.
- Cartridge type design of eccentric and counter shaft mechanism allows easy accessibility of components for inspection & service.
- Compact and balanced design. Thanks to the counter balance mechanism which reduces out of balance forces.
- Greater flexibility in speed of operation. No limitation on speed due to Roller bearing design.
- High productivity and superior product quality. SH400 Cone can be used as Secondary to take lumps upto 280 mm or tertiary to accept feed upto 100-120mm or Quaternary to make M sand & quality chipping accepting feeds of 5-40mm.
- In built hydraulically operated Rotary feed distributor evenly spreads the feed material around the crushing chamber minimises voids in the crushing chamber thereby increase in the throughput capacity of the cone. This also helps in uniform wear of manganese & increased wear life.
- Combined Hydraulic power pack for lubrication, hydraulic adjustment of CSS, tramp iron release & operation of Hydraulic rotary feed distributor.

**Standard supply includes:** Complete Cone crusher with Rotary feed distributor, Hydraulic power pack & Standard length of Hoses.

**Optional extras:** Anti vibration mounts, Drive guard and Drive motor.

## Technical Specification & Capacity Chart of SH 400 CONE

Max Feed Size (mm)	Motor Size Kw/HP	Crusher Weight (MT)	Closed Side Setting (mm), Throughput capacity (mtph)									
			12	14	16	18	20	22	25	30	40	50
EC Bowl (-) 280mm	Up to 315/400	30.0								300-360	330-450	380-500
Coarse Bowl (-) 200mm									260-330	280-350	300-400	
Medium Bowl (-) 120mm		28.5			200-250	220-280	240-300	260-320	260-340			
Medium Fine Bowl (-) 70mm			160-190	175-215	190-240	205-260	220-280	230-290				

Fine bowls with custom profiles for Sand application can be supplied based on customer's requirements

Capacity & settings shown above are indicative for material with bulk density of 1.6t/cum, open circuit crushing with material finer than CSS removed. Actual results may vary depending on feed gradation, type of rock, moisture etc.

For more information, Contact:



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