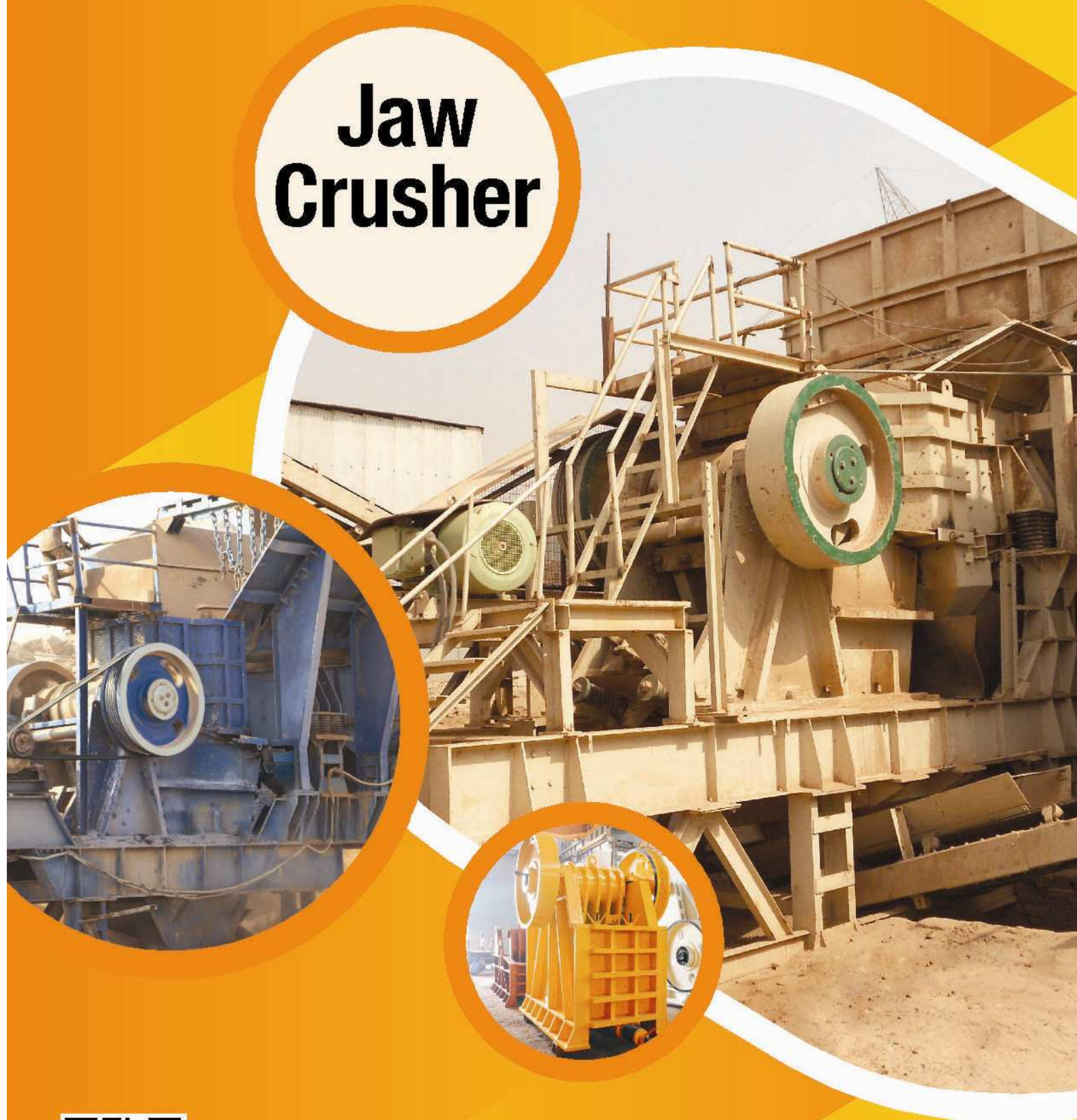




Jaw Crusher



CCS OSTEM PROJECTS PVT. LTD.
"COMPLETE CUSTOMER SATISFACTION"

Jaw Crusher

Jaw Crusher, as the name suggests, works on the same principle as the human jaw. It has one stationary jaw (like the upper teeth set) and the other movable (like the lower teeth set) with the material to be crushed (food to be chewed) fed inside the two jaws (mouth) and crushed (chewed) to the desired size and discharged (swallowed) to accommodate fresh input of material (food).

"CCS OSTEM" strives to attain the same perfection for its Jaw Crusher like the human jaw devised by Mother Nature !!!

Being at the primary crushing stage of the Crushing & Screening Plant, the Jaw Crusher is subject to heavy shock load. Performance wise, it must discharge output material sized enough to match with the subsequent crushing stage, and at compatible output capacity. It is also essential to incorporate features to withstand the adverse conditions prevailing at remote sites. The "CCS OSTEM" Jaw Crusher has been designed and manufactured keeping all these requisites.



Salient Features

- Based on the Single Toggle Mechanism, the Toggle Plate in "CCS OSTEM" Jaw Crushers is oriented in a manner so as to produce magnified stroke for best results.
- Proper Cavity Opening vs. Cavity Depth ratios for all models prevent blockage of the material to be crushed. Smooth flow of the material within the machine enhances crushing capacity.
- Main Body, made from tested quality M.S. Plates of required thickness, is duly annealed at our in-house computerized oil fired furnace.
- The Swing Jaw Crank Shaft Assembly, which also houses the inner bearings, has been designed to prevent any dust entering it. Bearings are fit using latest technique for longevity and optimum performance.
- "CCS OSTEM" Jaw Crushers incorporate sturdy Hydraulic arrangement for adjustment of Closed Side Setting (C.S.S.). The design is operator friendly and flexible for varied settings.
- All cast items used are as proper industry standards in terms of metallurgy and processing. Wear resistant high grade austenitic Manganese Steel is used for Jaw Plates and Side Plates.

Crushing Capacities at different Closed Side Settings*

Model	Feed Opening (mm x mm)	Closed Side Setting (C.S.S.)												
		40 mm	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250 mm
JC3220	800 x 500	30-40	35-55	45-60	55-75	60-85	70-95	75-105	95-135	115-160	135-185			
JC3624	900 x 600			60-75	70-85	75-100	90-110	95-125	120-155	145-185	170-215			
JC4230	1050 x 750				85-100	90-120	105-130	115-145	140-180	170-210	195-250	220-275		
JC4434	1100 x 850				95-135	110-150	115-170	130-180	155-220	190-260	210-300	240-330		
JC4840	1200 x 1000							135-185	165-225	190-260	220-300	245-340	275-375	300-415
JC5248	1300 x 1200								190-260	220-305	255-350	285-400	320-440	355-485

* : Crushing Capacity in Metric Tonnes per Hour. Indicated capacities based on material bulk density of 1.6 T/m³. Actual capacity may vary depending on material characteristics



Contact us for :

- Installation of Crushing & Screening Plants as well as Sand Washing Plants on Turnkey Basis
- Plant Running & Maintenance Contracts
- Project Aggregate Supplies by installation of our own plants at site
- Material Handling Projects

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