

Crushing Equipment

Jaw Crusher



OM series jaw crushers are robust equipment with high durability, designed with high quality raw materials. Combination of high reduction ratios at enhanced productivity - balanced high inertia Cast Steel flywheels; Cast parts are manufactured from ASTM A216 steel. Symmetrical chambers ensure interchangeability of wear parts. Side plates, Jaws, Liners are of high Mn content; Jaw plates are reversible end-on-end to minimise waste. The split bearing housings guarantee a perfect fit to the machined housing, reducing loads to the bearings. It also facilitates the maintenance of the bearings without disassembly of the machine or any major dismantling in order to carry out servicing in site.

Roll Crusher



The roll crusher is available in 2 roll design with reduction ratio in the range of 4 : 1 upto 6 : 1. The Capacity range varies upto 1000 tph. The design is provided with spring loaded retraction system for protection against ingress of tramp iron in the system. The specific power consumption is low in the range of 0.25 to 0.3 Kwh / ton. The rolls design can be provided with cast tooth rolls with hard faced tooth or segmented rolls for quick replacement of tooth. Various tooth profile is provided depending on application. The roll crushers are suitable for crushing ROM coal, lignite, coke, sinter etc.

Cone Crusher



OC series Cone Crushers ensure high productivity, low operation cost and longer useful life than other similar Crushers. The crushing chamber can be specially designed to suit the customer requirements apart from standard design. Simple, rapid adjustments through hydraulic system, minimizing downtime. Crusher Hydraulic system incorporates lubrication system (with heating, cooling and multi-function interlocked safety devices), locking/ unlocking of the clamping cylinders, adjustment and protection against overload - also used for clearing and removing obstructions from the crushing cavity.

Vertical Shaft Impactor



Omni VSI outperforms other crushing machines, with its versatility of uses optimized operation, ease of installation, smooth operation, reliability, and yield. Product quality within specifications, with particles of cubical shape are produced with desired MF(fineness modulus). OMNI large VSI models are able to handle feed size of approx 70mm and majority of crushed materials lies between 40mm to 5mm.

Special features of IC VSI

- Rotor is dynamically balanced for vibration-free operation
- Modular construction for quick erection and ease of transportation
- Heavy duty construction