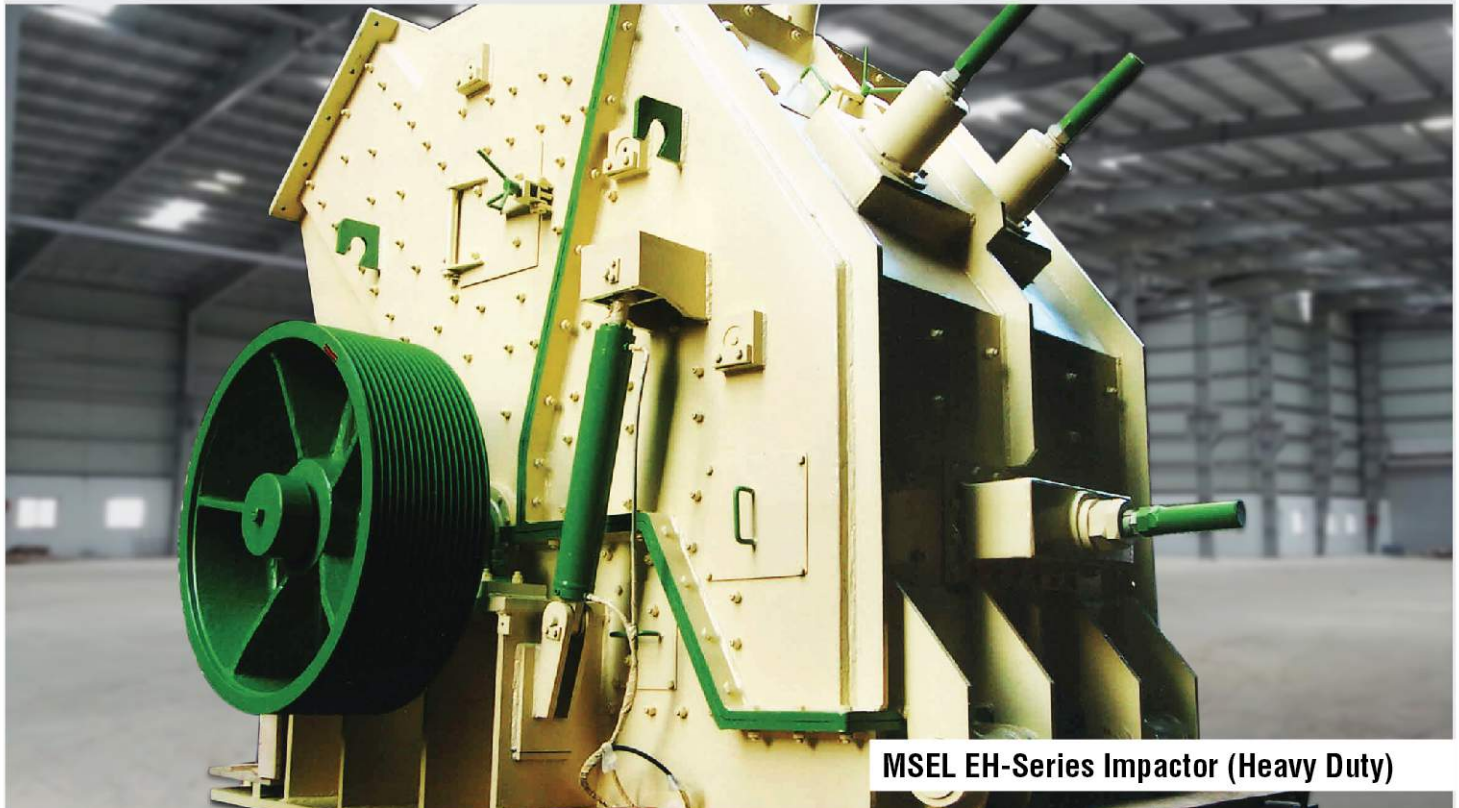


McNALLY SAYAJI ENGINEERING LIMITED

(A Member of the Williamson Magor Group)



MSEL EH-Series Impactor (Heavy Duty)

HEAVY DUTY IMPACTOR

At MSEL we believe in constantly reinventing ourselves. And in line with this we are always on the lookout for new avenues and opportunities.

McNally Sayaji Engineering Limited (MSEL), with factories in Kumardhubi, Asansol, Bangalore and Baroda, is one of the country's leading manufacturer of Crushing, Screening, Milling, Material Handling and mineral processing and other heavy equipment, serving the core sectors of the economy. These sectors include Coal, Mining, Power, Steel, Ports, Cement, Aluminium and Non-Ferrous Metals.

All manufacturing units of MSEL are ISO 9001-2008 certified with well established quality assurance department supported by modern testing facilities and

managed by a team of highly experienced professionals.

MSEL has branch offices at Kolkata, Bangalore, Chennai, Delhi, Mumbai, Hyderabad, Nagpur, Vishakhapatnam, Kochi, Vijaywada, Coimbatore. This makes MSEL capable to render comprehensive customer support.

MSEL has inducted technology over the years through strategic alliances and developed focused R&D and Design & Development teams, who offer optimum and cost effective solutions to meet customer needs.

APPLICATION

MSEL Horizontal shaft non-reversible Impact Crusher is used for handling soft to very hard material when high reduction ratio and/or cubical shape is desirable but with generation of limited quantity of fines compared to Hammer Mills. It is however not suitable for very small product size. Normally, Sandstone, Bauxite, Limestone, Dolomite, Washery Rejects, Aggregate, Asbestos and similar materials are used.

OPERATING PRINCIPLE

Crushing principle is by 'impact force' against breaker plate by rotating solid blow bars mounted on high speed rotor. Then broken pieces moving with high velocity, striking against breaker plate gets further shattered into pieces.

As a result cubical product is achieved and it eliminates flakiness

Normally the impact comminution process breaks the material through weak parting plain or cleavage plain. It eliminates 'hidden crack' which is good for Road Construction. It can also handle fibrous material and separate the fibers from solid.

CONSTRUCTIONAL FEATURES

MSEL horizontal shaft impactor is open bottom equipment consisting of a housing having inside liner on exposed area. The fabricated rotor is having blow bars mounted through taper wedges or bolts on the rotor body. Blow bars are made of high quality wear resistant steel casting which are reversible also. The breaker plate or grinding wall is provided with grinding jibs of wear resistant quality. The grinding walls are in 2/3 segments each hinged at the top and supported on spindle with spring support for gap adjustment as well as safety against un-crushable. Top Housing is of multiple sections and hinged for opening mechanically or hydraulically for easy access for maintenance. The drive system is from motor through flexible / fluid coupling and vee belts drive to the rotor. Manually or motorized centralized grease

lubrication system is provided. Various models for medium duty and heavy duty are available in MSEL range.

SALIENT FEATURES

- MSEL robust design and high workmanship with quality material ensures long availability of the Crusher.
- Reversible blow bars enhance the wear life.
- Open Bottom design minimizes or eliminates chocking.
- MSEL's superior design configuration ensures cubical product with minimum flakiness and avoid hidden cracks ideally suitable for road metals.

AVAILABLE SIZES

Diameter	:	600mm to 1600mm
Width	:	600mm to 1600mm

NOTE: As improvements are made from time to time, specifications and other details are subject to change without notice.



McNally Sayaji Engineering Limited

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Crusher | Screen | Grinding Mill | Feeder | Conveyor | Wagon Tippler | Pulley & Idler | Port Crane | Stacker Reclaimer | Mobile/Skid Mounted Crushing & Screening Plant | Slurry Pump | Thickener | Flotation Cell | Pressure Vessel | Equipment for Iron Ore, Steel, Cement, Power, Coal & Other Non-Ferrous Metal Processing Plants