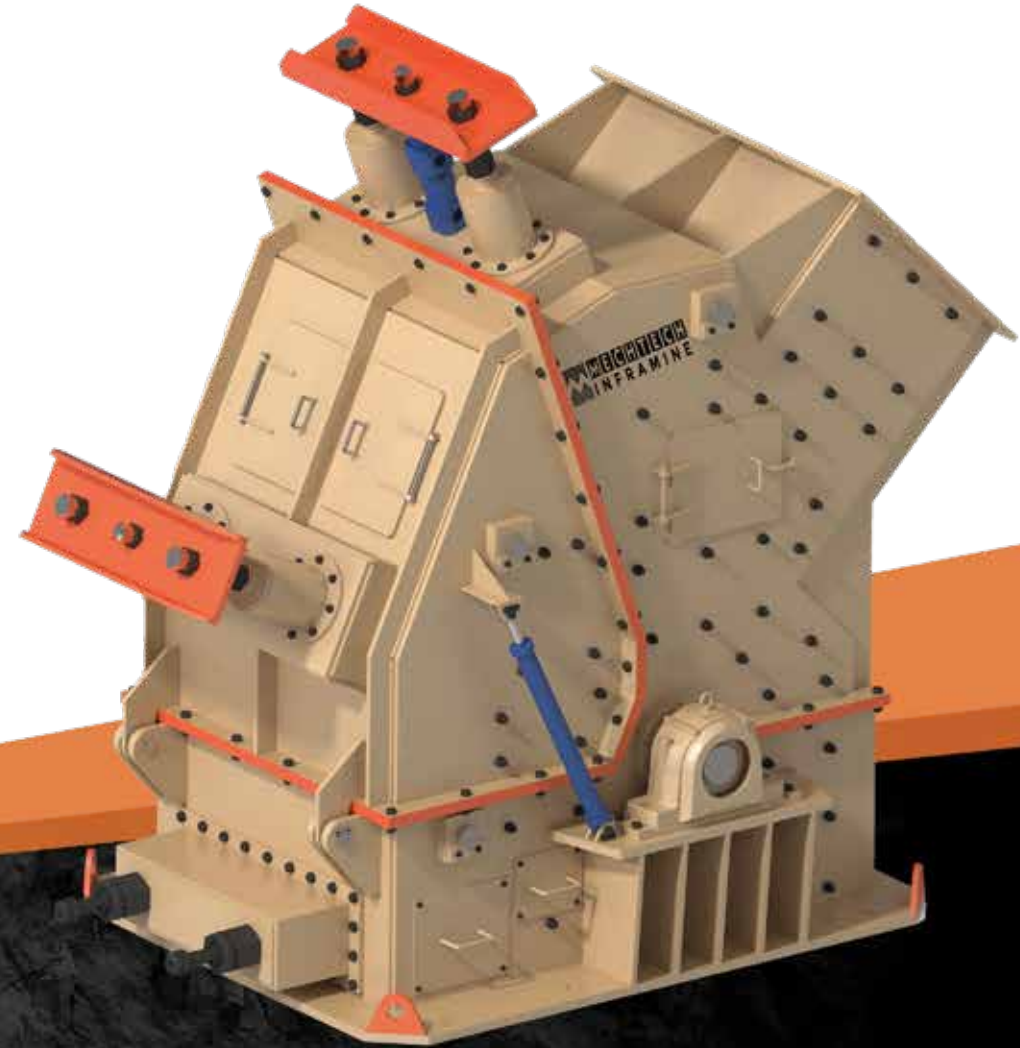


HORIZONTAL SHAFT IMPACTOR

MH SERIES



INDIA'S FINEST MANUFACTURERS **SINCE 1987**

ABOUT MECHTECH



Mechtech Engineers was incorporated by a group of qualified and well trained engineers with a vast experience in the field of design, manufacturing, supply and commissioning of different types of crushing & screening equipments and plants. The Company was established way back in 1987 with a view to manufacture and supply various Crushing equipments to cater to the core sector of crushing of Coal, Iron Ore, Lime Stone, Stone Aggregates for Construction of Roads and Buildings, etc.

In the last three decades, we have designed, developed and supplied an enviable number of crushing equipments throughout the country and abroad to handle a variety of minerals. Today we can boast of a comprehensive range of products comprising of Single & Double Toggle Jaw Crushers, Hammer Mills, Smooth and Toothed Roll Crushers, Horizontal and Vertical Shaft Impactors, Cone Crushers, Reciprocating & Vibrating Feeders, Grizzly Feeders, Vibrating Screens, Sand Washers etc.



WHERE ENGINEERING SURPASSES TRADES



QUALITY



SERVICE



EXPERIENCE

WORKING PRINCIPLE

Mechtech's HSI MH-Series is the perfect crusher for secondary crushing in the limestone, recycling concrete, and cement industries for minerals such as aggregate, gypsum, limestone, calcium carbonate, dolomite, and more.

Aggregate production is more concentrated in the primary stage than in the secondary stage, resulting in higher reduction ratios and cubical shapes.

These are non-reversible, slow-moving machines that crush the feed material with high-impact energy. This machine is powered by an electric motor that features a fabricated rotor with solid blow bars mounted on it.

As the feed material enters the crushing radius of the rotor, the impact of the rotating blow bars against the breaker plates or anvils mounted on the aprons shatters it.

It is subjected to some shearing and attrition at the lower portion of the crushing chamber, producing quality output products with a low percentage of fines.



SALIENT FEATURES



OPENING AND CLOSING

Access to the cavity is hydraulically controlled for safe and consistent access to the internals.



INSPECTION DOOR

The crusher has multiple chamber access points on the top, side, and back.



BLOW BARS

High-grade blow bars for reduced wear and tear.



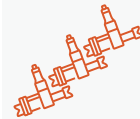
ROTOR DESIGN

A heavy-duty rotor design generates high inertia, resulting in a lower cost of ownership.



APRON ADJUSTMENTS

The crusher's closed side setting can be easily adjusted hydraulically (CSS).



THREE-APRON DESIGN

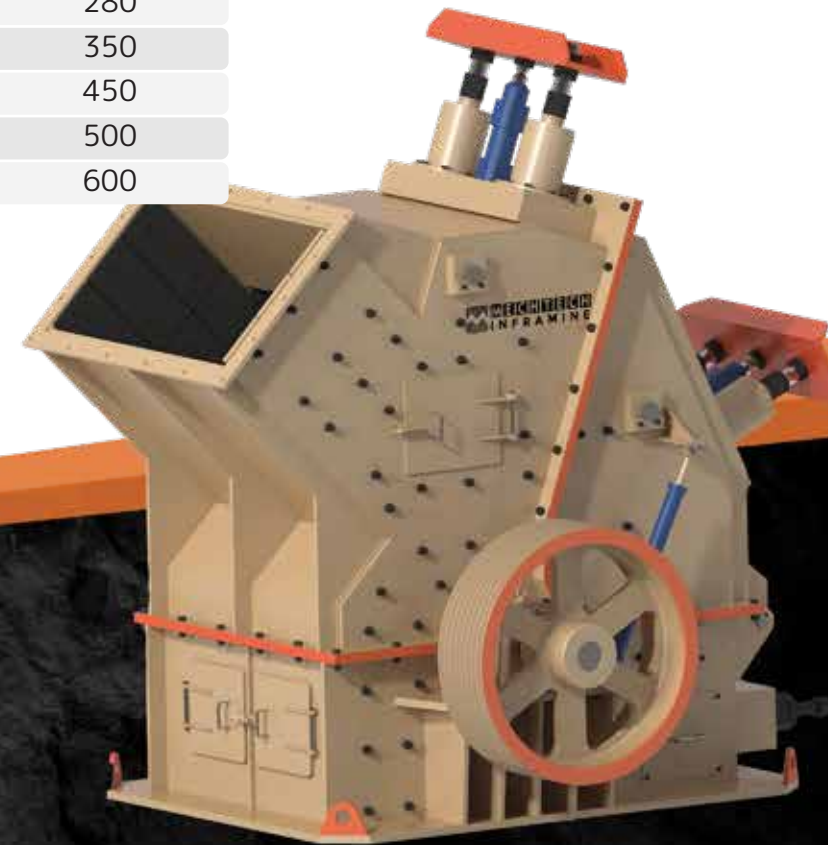
This design results in increased output and reduction ratios.

APPLICATIONS



SPECIFICATIONS

MODEL	ROTOR DIAMETER (MM/INCH)	ROTOR WIDTH (MM/INCH)	MAX FEED SIZE (MM/INCH)	MAX POWER (HP/KW)	THROUGH PUT CAPACITY (TPH)
MH 8060	800/31	600/24	200/8	50/37	60
MH 8080	800/31	800/31	200/8	75/56	90
MH 1060	1000/39	600/24	250/10	60/45	90
MH 1080	1000/39	800/31	300/12	100/75	120
MH 1010	1000/39	1000/39	300/12	120/90	165
MH 1210	1200/47	1000/39	400/16	150/112	180
MH 1212	1200/47	1200/47	400/16	180/134	250
MH 1412	1400/55	1200/47	500/20	215/160	280
MH 1414	1400/55	1400/55	600/24	270/200	350
MH 1416	1400/55	1600/63	600/24	300/223	450
MH 1616	1600/63	1600/63	800/32	335/250	500
MH 1618	1600/63	1800/70	800/32	425/300	600



ADVANTAGES

Mechtech's HSI MH-Series can be used for crushing even the hardest and toughest of minerals and is the most ideal for secondary crushing. It produces desired finer output of high quality as the amount of fines present is minimal. Our HSI MH-Series are engineered at higher capacity, low maintenance costs and least power consumption.



High performance



Reduced plant operating costs



Configured for your needs



Easy maintenance



High-speed efficiency



Simple to install & maintain



Increased uptime



Excellent safety precautions
for rotor service



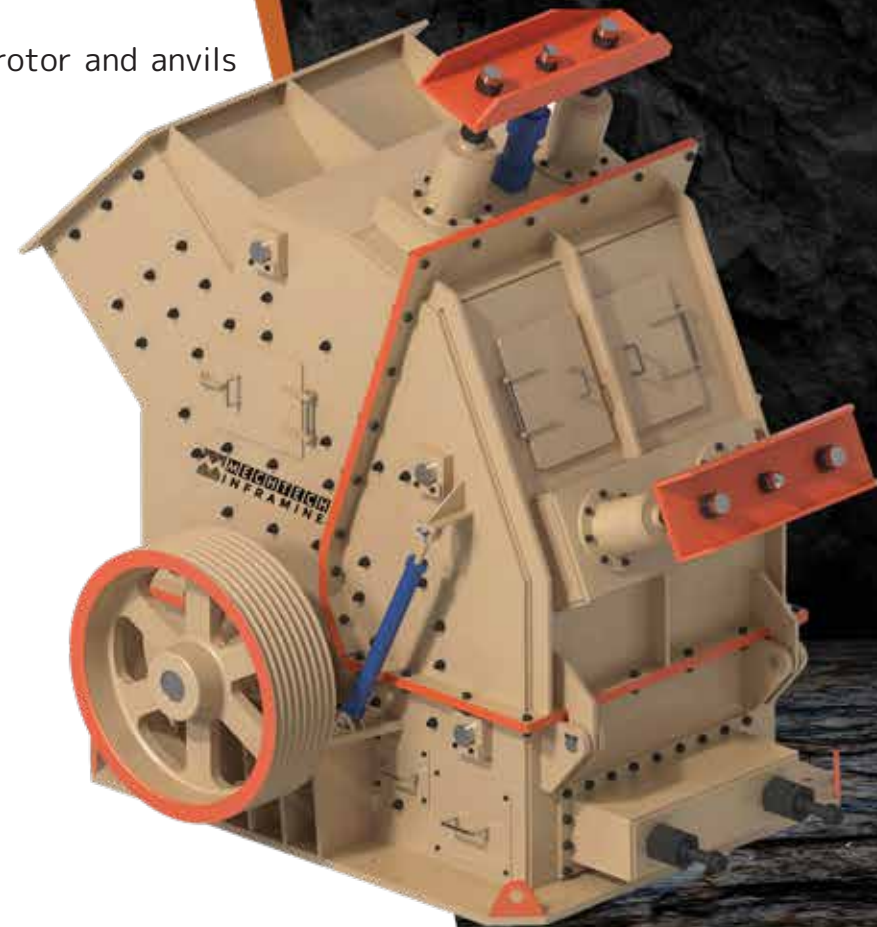
WHY MECHTECH MH SERIES ?

Mechtech's unique rotor design and rock-on-rock crushing ensures a more consistent product with minimum equipment wear. This clever yet simple design with fewer parts gives higher tonnage and greater reliability while using less power than any other HSI MH-Series crusher.

The machine's perfect shape is ensured by the unique rotor and multi-flow design along with rock-on-rock crushing to meet even the toughest of requirements for uniform product. The gradation and output can be adjusted to meet the most demanding aggregate specifications.

Autogenous crusher leads to low consumption of wear parts compared to open rotor and anvils where material is crushed against the crusher chamber.

The absence of tip carrier wear plates in the three port rotor design enables less streaming around the top and bottom rotor edges, thereby resulting in reduced force on the tip carrier, reduced operating cost and reduced metal contamination.





MECHTECH INFRAMINE

Formerly



Mechtech Engineers

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Product features and specifications are subject to change without prior notice or obligation. Due to continuous product development, we reserve the right to change the specifications without notice. Photographs and drawings are provided for illustrative purposes only and may vary from the standard product. Mechtech's liability shall be limited to the equipment.

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