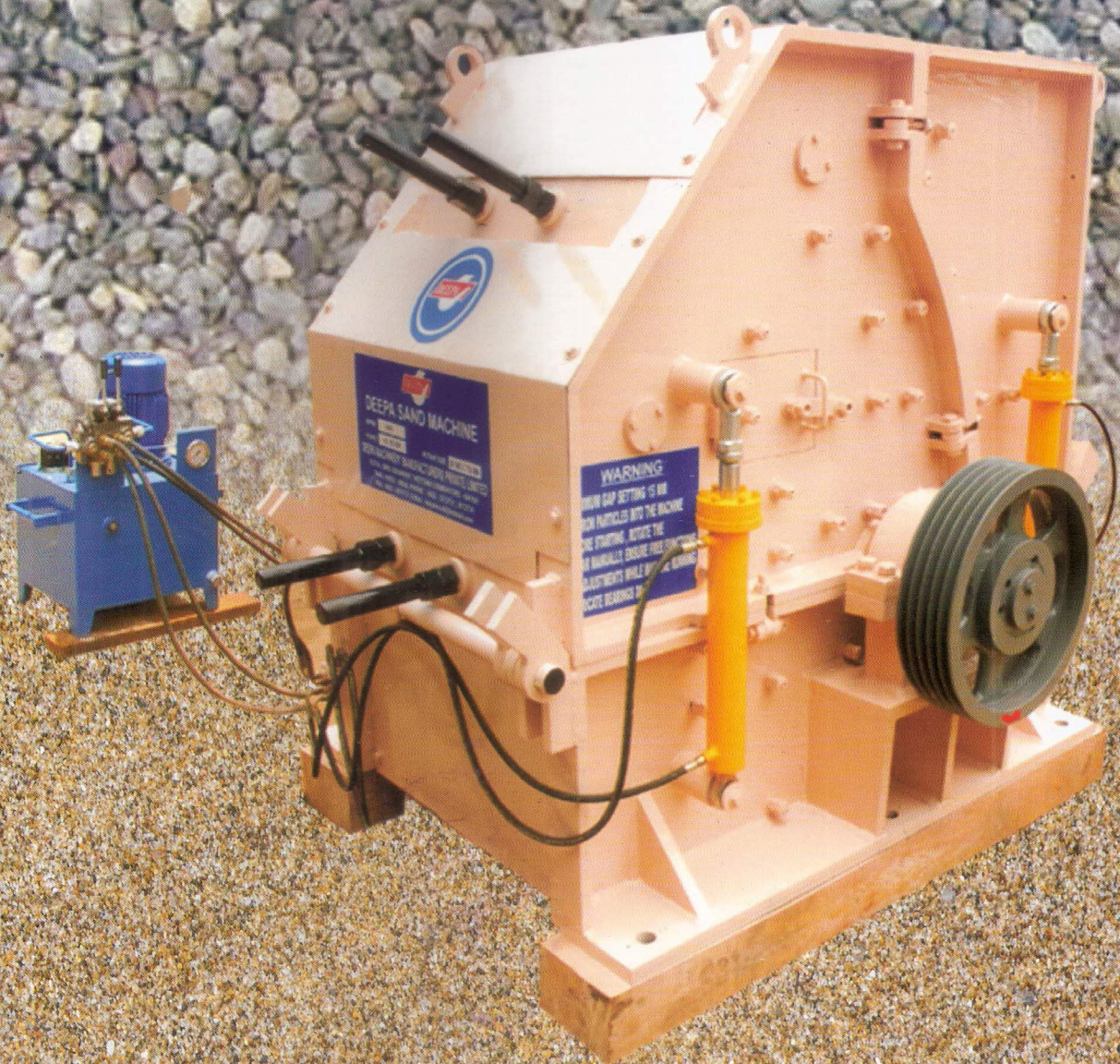




# DEEPA SAND MACHINE



## IDEAL CHOICE FOR M SAND

\* FEED SIZE UPTO (-) 40 mm \* LOW POWER 60 HP \* HIGH PRODUCTION

MAXIMUM PRODUCTIVITY AT MINIMUM COST



**DEEPA SAND MACHINE** is a Horizontal Shaft Impact Crusher HSI specially designed to produce Sand from (-) 40mm size aggregates.

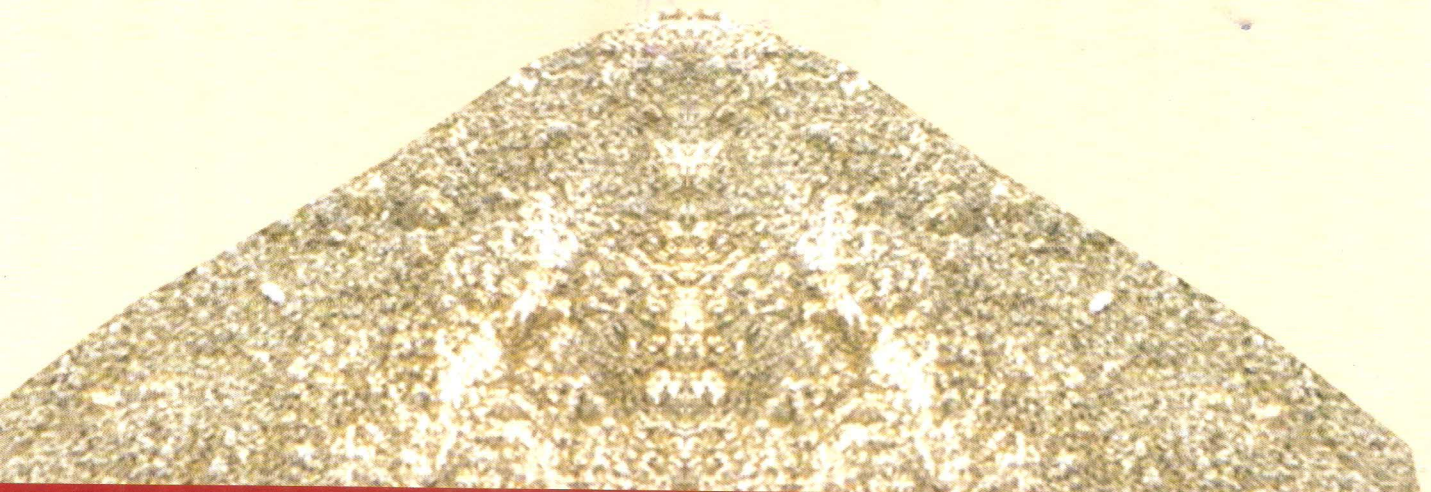
**DEEPA SAND MACHINE** is unique since its productivity is high, consuming less power and can be readily installed in a Small / Medium size Crusher unit or Quarry site.



(-) 40 mm Quarry spalls, quarry waste like withered surface rock and whatever material is not readily marketable in a crusher unit can be profitably converted into sand in **DEEPA SAND MACHINE**.

**DEEPA SAND MACHINE** features a combination of heavy dynamically balanced rotor design, weir material and crushing chamber design. This combination has turned out revolutionary, improved production and product quality & reduced operating and wear cost. Just feed the materials at a steady uniform rate to the full width of rotor. Controlled accelerated uniform feeding enhances the momentum of feed materials and get crushed by highly intensive impacts imparted by the quick rotational movement of blow bars fixed to the rotor. The particles produced are then further crushed as they collide against each other producing a finer cubical shaped products.

The cubical shaped sand fines enhances the quality and strength of concrete with saving in cement, bitumen savings in asphalt and high quality blocks.

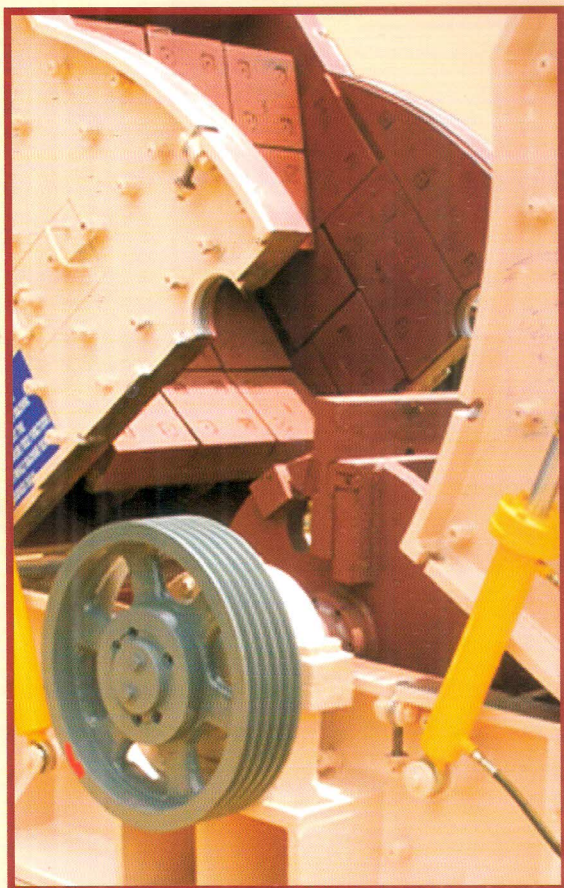
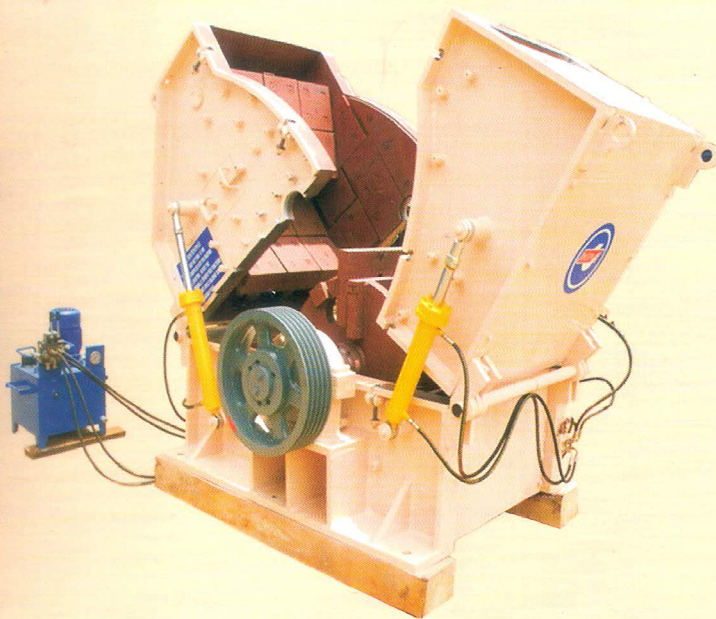




**Deepa Horizontal Shaft Impacters** are of robust welded construction, stress relieved and can be assembled / serviced easily and quickly. The Impacters internal hull is fully layered with wear resisting lining plates.

**The body** is of three parts - bottom housing, top housing in two halves; front top feeding side and rear top with impact arms. Front and rear top housings are hinged so it can be opened for maintenance through a hydraulic system.

**The rotor** shaft is mounted on heavy duty double row self aligning spherical roller bearings, in the bottom Housing. Dynamically balanced to eliminate vibrations and stresses. Rotor Discs are strengthened by wear resistant toughening process.



**The blow bars** are of heavy wear resistant special alloy steel. Blow bars can be easily removed and assembled on to rotor discs and reversed when top side is worn out. The space set between the blow bar and the impact arm determines the size and quality of out - put. This space can be easily adjusted to the desired gap setting from outside by means of adjusting screw.

**The impact arms** are provided with heavy high quality alloy steel castings. Its position can be easily adjusted and the gap setting at the top and bottom can be seen through inspection door on the sides.

**Easier to operate & maintain** - even by unskilled personnel.

**Feed to the full width of the opening** - just guard against tramp iron / other foreign materials getting into the machine.

**So simple yet very very sturdy heavy machine that mills the rock into sand fines in seconds.**

## TECHNICAL SPECIFICATIONS:

Rotor Size	Feed Size	Crushing Capacity (TPH)	Power HP	RPM
750 mm x 940 mm	(-) 40 mm	30 - 40	60 - 75	900

## DEEPA SAND MACHINE

- A simple solution to save our River beds and Environment.
- **M Sand** used worldwide.
- **M Sand** washed and free from Silt and other impurities.
- **M Sand** graded for every application.
- **M Sand** ensures concrete strength and better finish.
- Convert Quarry / Crusher wastes into **M Sand**.
- **M Sand** reduces Transport cost from river beds.
- **M Sand** cost is cheaper the river sand.
- **M Sand** a Profitable proposition to You and the Nation.



## DEEPA MACHINERY MANUFACTURERS (P) LTD

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