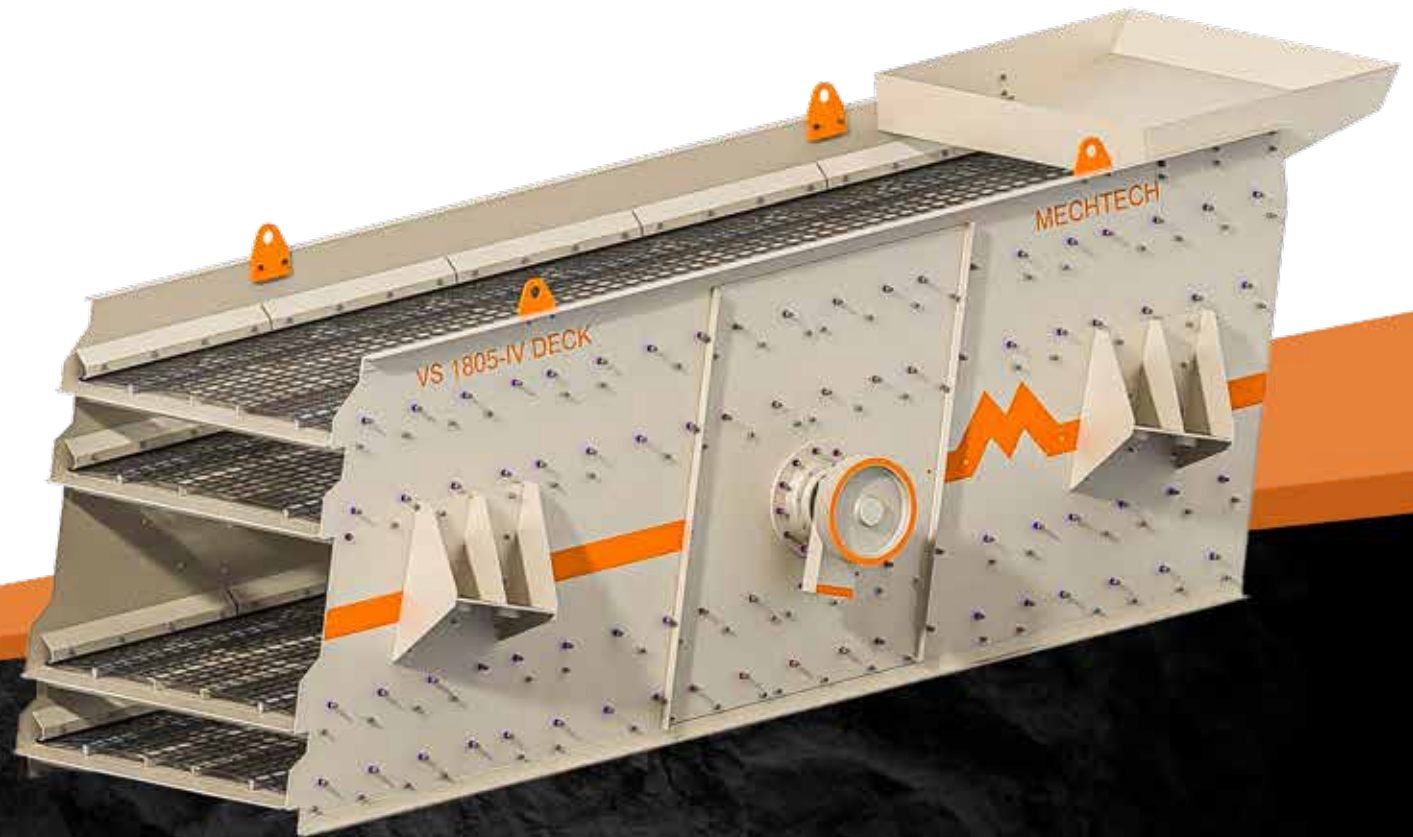


VIBRATING SCREEN

MVS SERIES



INDIA'S FINEST MANUFACTURERS **SINCE 1987**

ABOUT MECHTECH



Mechtech inclined screens are versatile. They can be used for primary, secondary and tertiary screening. The standard slope angle of the screen is 15° or 18°, although it can be adjusted for specific applications.

Mechtech inclined screens offer reliable and versatile screening in aggregates production plants, quarries, gravel pits and mining operations. Their circular motion and variable slope help you achieve a high production capacity and improve profitability.



WHERE ENGINEERING SURPASSES TRADES



QUALITY



SERVICE



EXPERIENCE

WORKING PRINCIPLE

The screen frame is an independent vibrating mass supported by a set of springs positioned on a rigid base frame. Due to centrifugal force, the mass mounted on the horizontal eccentric shaft is close to the CG of the screen frame, causing oscillating circular motion. It creates a steep angle at which the particle advances on the screen deck, which has a decreasing slope.

The feeding material is subsequently separated, with the oversize material flowing to the discharge section's screen deck and the undersize material escaping out the aperture below. The crushed material is separated using multiple deck arrangements based on their size, shape, bulk density, wetness, capacity, and so on.

The screen's motion follows a circular pattern at every point on the screen as it runs due to a well-positioned rotary shaft at its center of gravity; this results in exceptional efficiency in all stages of crushing operations.



SALIENT FEATURES



DURABLE BUILD

Inclined screens have a rugged design and circular motion to circulate material and avoid plugging, while also being designed with safety in mind to reduce operating hazards.



INCREASED PRODUCTION

Because gravity forces material to move down the screen faster, inclined screens have a higher production capacity.



CUSTOMIZABLE

Inclined screens can be customized to improve operational efficiency and profitability, either as a stand-alone unit or as part of a multi-stage process.



HIGH PERFORMANCE

It is robustly designed for optimum performance and ensures ease of transportation, installation, operation and maintenance



HIGHER SCREENING EFFICIENCY

More output can be screened at a time as the screening area is more.



LOW CAPITAL COST

Because inclined screens do not require as much power and are typically implemented with fewer shafts, they often require a lower capital investment.



ENCLOSED DUST COVER(OPTIONAL)

Vibrating screens are also offered with 360° enclosed type dust cover to prevent air pollution.

APPLICATIONS

The Mechttech Vibrating Screen is a versatile piece of equipment that can sieve a variety of minerals. It is frequently used in different crushing and screening plants to separate materials including



SPECIFICATIONS

| MODEL | UNIT | MVS 1020 | MVS 1030 | MVS 1230 | MVS 1240 | MVS 1440 | MVS 1550 | MVS 1640 | MVS 1650 | MVS 1840 | MVS 1850 | |
|-------------------------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|
| Width | mm | 1000 | 1000 | 1200 | 1200 | 1400 | 1500 | 1600 | 1600 | 1800 | 1800 | |
| Length | mm | 2000 | 3000 | 3000 | 4000 | 4000 | 5000 | 4000 | 5000 | 4000 | 5000 | |
| Maximum Power (HP) Deck | I | HP | 5 | 10 | 7.5 | 10 | 15 | 20 | 20 | 20 | 20 | - |
| | II | HP | 7.5 | 10 | 15 | 20 | 15 | 25 | 20 | 30/25 | 20/25 | 25 |
| | III | HP | 7.5 | 10 | - | 20 | 30 | 25 | 25 | - | - | 40 |
| | IV | HP | - | 15 | - | 20 | - | 25 | 30 | - | - | 40 |

SPECIFICATIONS

| MODEL | UNIT | MVS 1860 | MVS 2050 | MVS 2260 | MVS 1270 | MVS 1440 | |
|-------------------------|------|----------|----------|----------|----------|----------|-------|
| Width | mm | 1800 | 2000 | 2200 | 2200 | 3000 | |
| Length | mm | 6000 | 5000 | 6000 | 7000 | 8000 | |
| Maximum Power (HP) Deck | I | HP | - | 30 | 30 | 40 | 40 |
| | II | HP | 40 | 30 | 50 | 40 | 50/60 |
| | III | HP | 40 | 30 | 50 | 60 | - |
| | IV | HP | 40 | 50 | - | - | - |

ADVANTAGES

Mechtech's Vibrating Screen MVS Series can be used for screening even the hardest and toughest of minerals and is the most ideal for sand manufacturing. It produces desired finer output of high quality as the amount of fines present is minimal. Our screens are engineered at higher capacity, low maintenance costs and least power consumption.

-  High screening efficiency.
-  Higher productivity
-  Excellent segregation
-  Easy and low maintenance



WHY MECHTECH MVS SERIES?

Customers remain permanently associated with 'MECHTECH' to meet their production goals due to engineering experience spanning three decades and excellent after-sales service.

Mechtech Vibrating Screens are proudly made in India and have numerous installations both domestically and internationally.

Our engineering expertise, combined with the use of lean manufacturing techniques, has enabled MechTech to respond to the changing needs of our customers and applications.

Mechtech provides highly efficient screens to provide primary and secondary crushing solutions with a high return on investment and low operating costs.



INSTALLATIONS

We at Mechtech are bringing our designs and engineering to life, and to the plants for high quality outputs that surpasses the expectations.







MECHTECH INFRAMINE


Formerly



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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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