



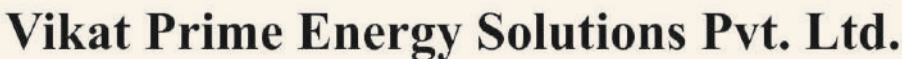
**VIKAT PRIME ENERGY SOLUTIONS PVT. LTD.**



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## Mission

## Vision

"To be the global leader in high-quality screening equipment through innovation and reliability."

### Industries Served :

1. Oil & Gas
2. Mining
3. Underground Construction





## Hi - E™ Shale Shaker

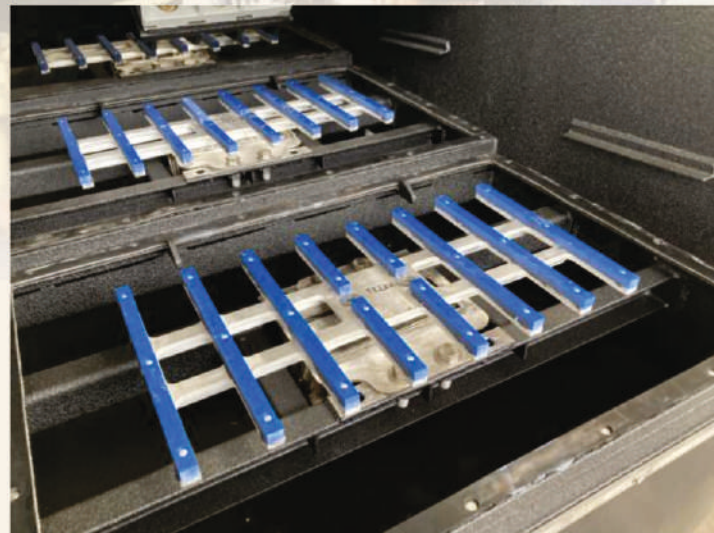


Fluid Systems Hi-E™ shaker manufactured in India with VPrime is the latest advancement in high G-force, high volume, linear motion shaker. As conventional shakers operate with vibratory motors running at a constant G-force it hampers the amount of energy required to produce drier solids when the mud is fed to the shaker due to reduced G-force.

Fluid Systems Hi-E™ shaker technology outperforms conventional, low G-force shakers, by creating higher G forces. The energy generated on the Hi-E™ exciters is transferred to the screen panels, applying the High-energy to the cuttings as they are transported across the mesh screen.

### **FEATURES :**

- High G-Force Technology: 15+ G's
- Increased processing capacity
- High separation efficiency
- Linear / Balanced elliptical motion
- Improved drilling fluid recovery
- Lower Retention on Cuttings (ROC)
- 3XF technology eliminates plate-frame separation
- Quick change of screen panels
- Long screen panel life (compared to conventional screen panels)
- Low maintenance cost
- Low noise (< 75 dBA)



## THE DIFFERENCE :

- Mechanical Exciters Technology - Fluid Systems Hi-E™ shaker operates on the resonance principle. Mechanical exciters placed beneath the screen panels are used to boost the G-Forces produced by the vibratory motors.
- AWD Deck Angle Adjustment - Adjustable While Drilling (AWD) deck angle from 0° to +4° for optimum processing capacity, screen life, and efficiency.
- High G Forces Fluid Systems Hi-E™ shakers increase G-forces up to 15 G's.
- Mud Cleaner & Drying Shakers - Fluid Systems hydro cyclones have an innovative geometrical design and materials of construction suitable for abrasive solids and high - temperature drilling.

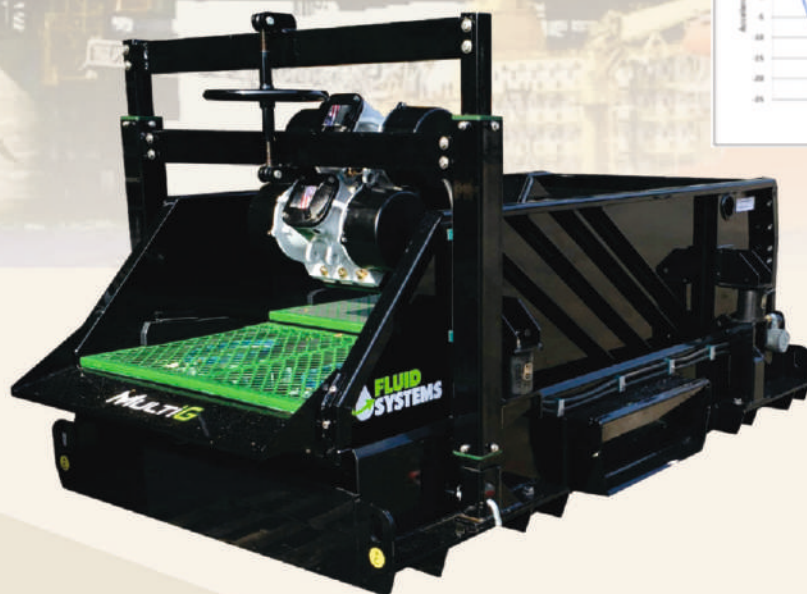
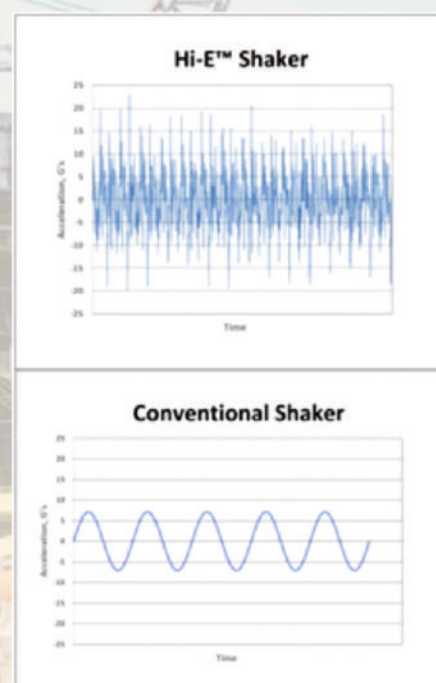
## Hi-E™ Kit Adapter Technology

The FSI Hi-E™ kit adapter technology has been designed to upgrade existing FSI or non-FSI shale shakers at a fraction of the time and cost of a new machine. The Hi-E™ kit adapter can be installed onto the existing shale shaker basket with minimum cutting and welding. Once in place, the Hi-E™ kit adapter's proven performance will increase the energy on the screen panels to 15 G's or more

## COMPATIBLE SHAKER

The FSI Hi-E™ kit adapter technology is available for:

- All Fluid Systems shakers
- NOV King Cobra® Venom shaker
- Mongoose PT and Mongoose PRO dynamic dual-motion shakers
- Meerkat compact single-deck shaker
- NOV® 285 P shaker
- Vortex Fluid Systems shaker
- Ruff shaker
- and others



ASSOCIATIONS



#startupindia





VIKAT PRIME ENERGY SOLUTIONS PVT. LTD.

## OUR GLOBAL FOOTPRINT



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