

Series 50 B

Linear Power Shaker



VGS Configuration Optional

High “G” force, high volume

Introducing the 50 B, RIG OIL LLC’s latest advance in high “G” force, high volume linear motion shakers. RIG OIL LLC has designed this unit to achieve optimum performance. Even in the most challenging applications, the 50 B achieves consistently high throughput. Processing rates vary with slurry content, percent solids and viscosity.

Exceptional reliability

Simplicity is the essence of every RIG OIL LLC design. Permanently sealed vibrators make lubrication systems totally unnecessary. Low 80-dB motor vibration eliminates the need for hearing protection. Each of the unit’s two pre-tensioned screen panels can be installed or replaced independently of each other. Replacement takes less than three minutes and requires only a light to medium-weight hammer.

Lowest maintenance cost

RIG OIL LLC equipment have the lowest operational and maintenance costs in the industry. Routine maintenance is extremely minimal. Simple visual checks of screen panels, deck rubbers, inflation of air spring assemblies and quarterly torque checks of the vibrator motor bolts are all that is required. RIG OIL LLC keeps you on-line for decades of trouble-free performance.

It’s that simple.

The Difference

- **High “G” Force**
- **16.9 ft² [1.57 m²] screening area**
- **Simple design**
- **Rugged and reliable**
- **High performance**
- **Low maintenance**
- **Quick screen panel changes**
- **Small footprint**
- **No lubrication**
- **Low noise**

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General Specifications

Series:	50
Model:	B
Motors:	Two each 1800, 1500 or 1200 rpm exp. proof or non-exp. proof available
Bearings:	Permanently sealed and lubricated
Motion:	Linear, 0.13" A (1800), 0.156" A (1500), 0.23" A (1200), 5.0 "G"
VGS:	Force adjustable to 7.0 "G" maximum
Deck adjustment:	Adjustable 0° to 5° uphill
Screens:	Two each 29" x 42" pretensioned panels with Wedgelok fasteners
Screening area:	16.9 ft ² [157 m ²]
Overall dimensions:	88 1/2" L x 68 7/8" W x 42 7/8" H 2248mm x 1747mm x 1087mm

