

# Series 500 B

## Linear Power Shaker



### The Difference

- **High “G” Force**
- **25.4 ft<sup>2</sup> [2.36 m<sup>2</sup>] screening area**
- **Simple design**
- **Rugged and reliable**
- **High performance**
- **Low maintenance**
- **Quick screen panel changes**
- **Small footprint**
- **No lubrication**
- **Low noise**

### **VGS Configuration Optional**

#### **High “G” force, high volume**

Introducing the 500 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 500 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 three 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.

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### General Specifications

Series:	500
Model:	B
Motors:	Two each 1200, 1500 or 1800 rpm exp. proof or non-exp. proof available
Bearings:	Permanently sealed and lubricated
Motion:	Linear, 0.23" A(1200), 0.156" A(1500), 0.13" A(1800), 5.0 "G"
VGS:	Force adjustable to 8.0 "G" maximum
Deck Adjustment:	Adjustable 0° to 5° uphill
Screens:	Three each 42" x 29" pretensioned panels with <i>Wedgelok</i> ™ fasteners
Screening area:	25.4 ft <sup>2</sup> [2.36 m <sup>2</sup> ]
Overall dimensions:	117 <sup>5/8</sup> " L x 73 <sup>5/8</sup> " W x 43" H 2988mm x 1870mm x 1091mm
Weir Height:	29" [737mm]

