

# Series 500 BSBS

## Linear Power Side-By-Side Shaker



### **VGS Configuration Optional**

#### **High “G” force, high volume**

Introducing the 500 BSBS, RIG OIL LLC’s latest advance in high “G” force, high volume linear motion shakers. RIG OIL LLC has designed this dual-shaker unit to achieve optimum performance. Even in the most challenging applications, the 500 BSBS 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 six pre-tensioned screen panels can be installed or replaced independently of each other. Replacement takes less than five 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**
- **50.8 ft<sup>2</sup> [4.72 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**

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### General Specifications

|                     |   |
|---------------------|---|
| Series:             | 500   |
| Model:              | BSBS  |
| Motors:             | Four each 1200, 1500 or 1800 rpm<br>exp. proof or non-exp. proof available  |
| Bearings:           | Permanently sealed and lubricated   |
| Motion:             | Linear, 0.23" A(1200), 0.156" A(1500),<br>0.13" A(1800), 5.0 "G"  |
| VGS:                | Force adjustable to 8.0 "G" maximum   |
| Deck Adjustment:    | Adjustable 0° to 5° uphill  |
| Screens:            | Six each 42" x 29" pretensioned<br>panels with <i>Wedgelok</i> ™ fasteners  |
| Screening area:     | 25.4 ft <sup>2</sup> [2.36 m <sup>2</sup> ] per shaker;<br>50.8 ft <sup>2</sup> [4.72 m <sup>2</sup> ] total area |
| Overall dimensions: | 119" L x 161 <sup>5</sup> / <sub>8</sub> " W x 52 <sup>5</sup> / <sub>8</sub> " H<br>3023mm x 4105mm x 1337mm     |
| Weir Height:        | 35 <sup>13</sup> / <sub>16</sub> " [910mm]  |

