

Series 50/500 B

Linear Power Cascade Unit



The Difference

- **High “G” Force**
- **42.8 ft² [3.92 m²] 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 50/500 B, RIG OIL LLC’s latest advance in high “G” force, high volume cascading systems. RIG OIL LLC has designed this unit to achieve optimum performance. Even in the most challenging applications, the 50/500 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 five 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 has 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

Model:	Series 50/500B
Weir Height:	66" [1678mm]
Motors:	Four 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), 4.5 "G"
VGS:	Force adjustable to 9.0 "G" maximum
Deck adjustment:	Adjustable 0° to 5° uphill (lower)
Screens:	Five each 29" x 42" pretensioned panels with Wedgelok fasteners
Screening area:	42.17 ft ² [3.92 m ²]
Overall dimensions:	103 7/8" L x 73 5/8" W x 80 7/8" H 2638mm x 1870mm x 2053mm

