

# Series 500 ELS

## Linear Power Shaker



### **VGS Configuration Optional**

#### **Linear motion, high volume**

The Series 500 ELS is a practical linear motion shaker that incorporates higher g forces and longer strokes than standard elliptical or orbital shakers for better separation of slurries and solids. For the price of a standard elliptical or orbital shaker you can acquire a linear motion machine from RIG OIL LLC, the leaders of solids control technology.

#### **Exceptional reliability**

The Series 500 ELS is unequalled in high reliability. It's low maintenance vibrators are specifically designed for years of maintenance free service. Advanced engineering insures quiet, smooth operation. The low profile and low weir height (24") makes the Series 500 ELS ideal for "tight" areas. 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**

Simplicity pays off. 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, 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

- **Low profile**
- **25.3 ft<sup>2</sup> of screening area**
- **Simple design**
- **Rugged and reliable**
- **High performance**
- **Low maintenance**
- **Quick screen panel changes**
- **Small footprint**
- **No lubrication**
- **Low noise**
- **Low weir height**

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### General Specifications

|                     |   |
|---------------------|---|
| Series:             | 500   |
| Model:              | ELS   |
| Motors:             | Two each 1200 rpm<br>exp. proof or non-exp. proof available         |
| Bearings:           | Permanently sealed and lubricated                                   |
| Motion:             | Linear, 0.23" A, 4.3 "G", 20 Hz                                     |
| Screens:            | Three each 29" x 42" pretensioned<br>panels with Wedgelok fasteners |
| Screening area:     | 25.3 sq. ft.  |
| Overall dimensions: | 108" L x 61" W x 44 1/2" H  |
| Weir Height:        | 24"   |

