

Series 5000 BCS

Linear Power Shaker



VGS Configuration Optional

High "G" force, high volume

Introducing the 5000BCS, FSI's latest advance in high "G" force, high volume linear motion shakers. FSI has designed this unit to achieve optimum performance. Even in the most challenging applications, the 5000BCS achieves consistently high throughput. Processing rates vary with slurry content, percent solids and viscosity.

Exceptional reliability

Simplicity is the essence of every FSI 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 four 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

Simplicity pays off. FSI 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. Fluid Systems, Inc. keeps you on-line for decades of trouble-free performance. It's that simple!



The FSI Difference

- **High "G" force**
- **34 ft² [3.16 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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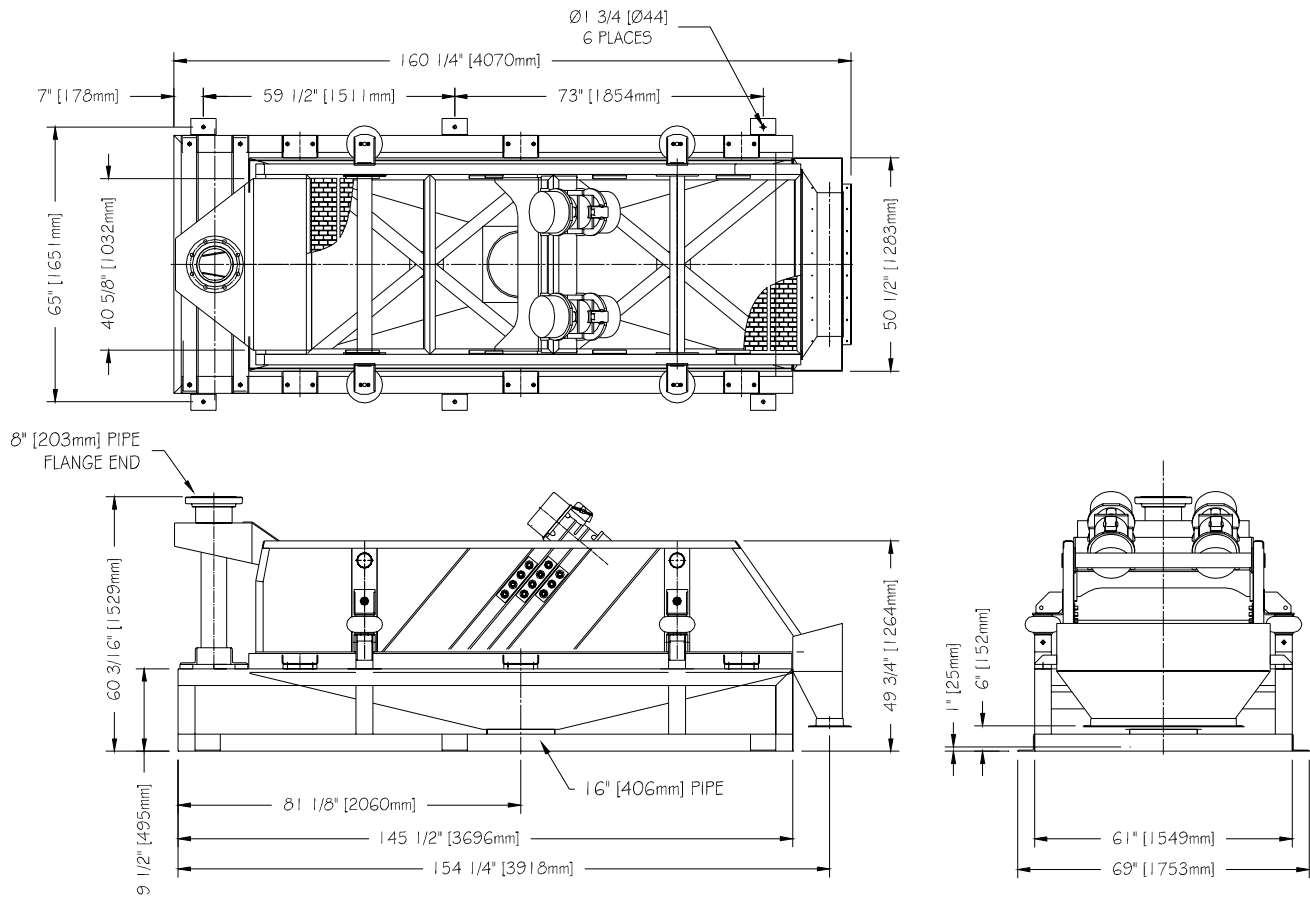
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General Specifications

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|---------------------|---|
| Series: | Series 5000 |
| Model: | BCS |
| 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° adjustable |
| Screens: | Four each 29" x 42" pretensioned panels with <i>Wedgelok</i> fasteners |
| Screening area: | 34 ft ² [3.16 m ²] |
| Overall dimensions: | 160 1/4" L x 69" W x 60 1/4" H 4070mm x 1753mm x 1529mm |



Fluid Systems, Inc.

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