



Vortex Fluid Systems Inc.

Serving our Customers Worldwide

VORTEX FLOW LINE SHAKER

This brochure gives an overview of Vortex Fluid Systems Inc. Orbital 3000 flow line shaker product line as well as many unique and beneficial features of the Vortex product line. For more information visit us at: vortexfluidsystems.com

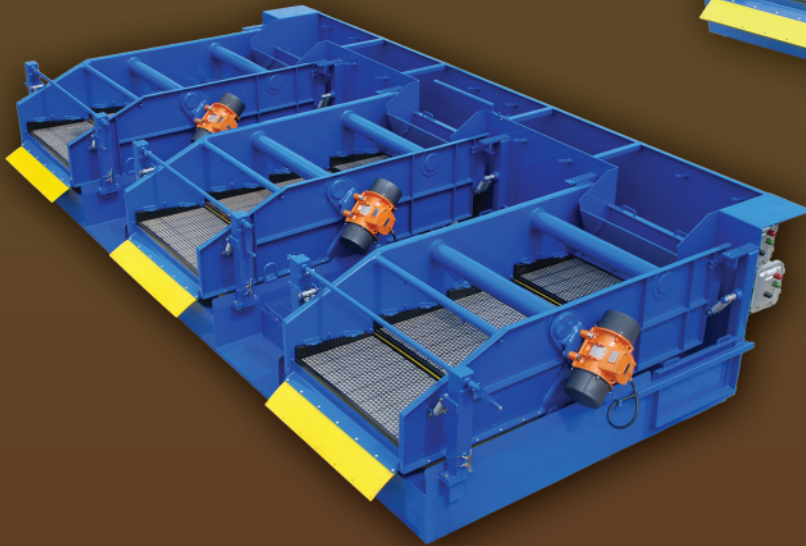
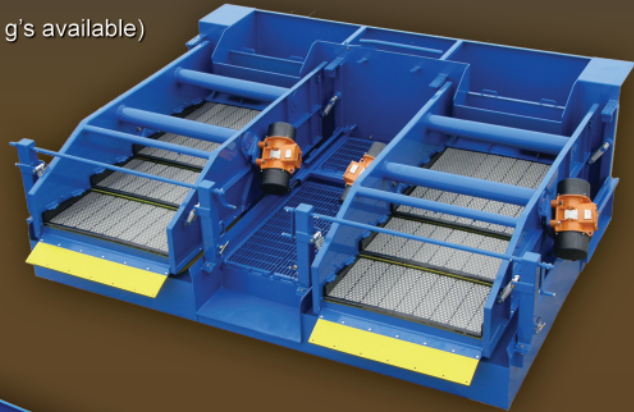
Vortex proudly manufactures all equipment in America and is veteran owned.



ORBITAL 3000 DUAL AND TRIPLE

Standard Features Offered on All Vortex Shakers

- high performance
- low noise
- competitively priced
- simple to adjust screen angle
- minimal operational costs
- fully seal welded baskets
- g-force of over 6.9 g's (7.5 g's available)
- dependable and durable
- low maintenance
- wedge blocks with wedgblock tightening tool



Orbital 3000 Dual and Triple Specific Features

- Multiple hydrocyclone packages available
- simplification of rig move, remains level when hoisted
- impressive 60 ft² of screening area for Orbital 3000 Dual and 90 of screening area for Orbital 3000 Triple
- low weir height
- conveniently arranged to simplify drilling fluids/cement bypass management
- grated area between the baskets provides clean walkway to operate shakers

ORBITAL 3000

Standard Features

- 30 ft² of screening area
- g-force of over 6.9 g's (7.5 g's available)
- dependable and durable
- competitively priced
- dependable and durable
- one of the lowest weir heights in the industry
- minimal operational costs
- simple to adjust screen angle



TESTIMONIAL

"Justiss Oil Company has been using Vortex Fluid Systems, Inc. shale shakers for several years. We liked the performance so well we now run these shakers on all our rigs. We typically spud and complete wells with 210 mesh screens in all geographic areas where we work. The simple yet rugged design of this shaker is what the oilfield needs."

Sincerely, J.F. "Jim" Justiss III, V.P. of Operations

SHAKER OPTIONS

This page shows many of the options found on Vortex shakers. Take a look and see what makes the Orbital line of shakers unique in the marketplace today.

ORBITAL 3000 OVERVIEW

PERFORMANCE: The Orbital 3000 has 30 ft² of screen area and 6.9 g's of vibration. A higher g version is optional and can vibrate up to 7.5 g's. These performance features combine with progressive elliptical motion to give Vortex shakers incredible performance.

SCREEN LIFE: The Vortex Orbital 3000 shakers was shown to have the best screen life of all the shaker brands by a recent independent study conducted with over 40 shakers. Vortex shakers have exceptional screen life without compromising performance.

DURABILITY: All baskets are fully seal welded with two layers of powder coat. Fasteners are stainless steel, providing excellent corrosion resistance.

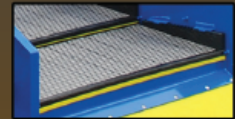
QUICK RELEASE SHIPPING STRAP (PATENT PENDING)

- **FAST:** basket fastening possible in less than 15 minutes
- **DURABLE:** durable proprietary blend of oilfield grade polyurethane with steel inserts



SNAP IN PLACE SCREEN SEALS (PATENT PENDING)

- **FAST:** screen seal change possible in less than 15 minutes
- **DEPENDABLE:** made with proprietary oilfield polyurethane blend
- **DURABLE:** often last between 6 to 18 months
- **VERSITILE:** high temperature available



SPLASH GUARD

- **DURABLE:** stainless plate and steel frame
- **SAFE:** spring assist, magnet holder, and mechanical latch
- **SLOW CLOSE:** damper reduces closing speed



HYDROCYCLONE MANIFOLDS

Vortex offers an assortment of hydrocyclone manifolds to choose from, for more information see our product catalogue on our website.

DIAMOND 320 MANIFOLD (shown)

- **CONES:** three 10 inch cones, twenty 4 inch cones, 2500 GPM capacity
- **COMPACT DESIGN**
- **ACCESSIBLE:** doors open for easy maintenance



WHEEL ANGLE CHANGE

There are two angle change options available. The standard jack type angle change mechanism and the wheel angle change mechanism



WEDGE BLOCKS

Wedge block fastener produces easier and more secure tightening of wedge blocks against the screen.

- **TOOL:** provides simple easy tightening of wedgeblock
- **DURABLE:** polyurethane wedge block holds screens securely in place.

