



VORTEX FLUID SYSTEMS INC.

vortexfluidsystems.com

ORBITAL® 3000 CONVERSION KIT

DESCRIPTION

The Orbital® 3000 conversion kit fits your existing BRANDT® KING COBRA™ AND KING COBRA VENOM™ shaker bases. The Orbital® 3000 Conversion Kit is a simple drop-in after the removal of the old shaker basket. Installation does not require drilling, cutting or welding.

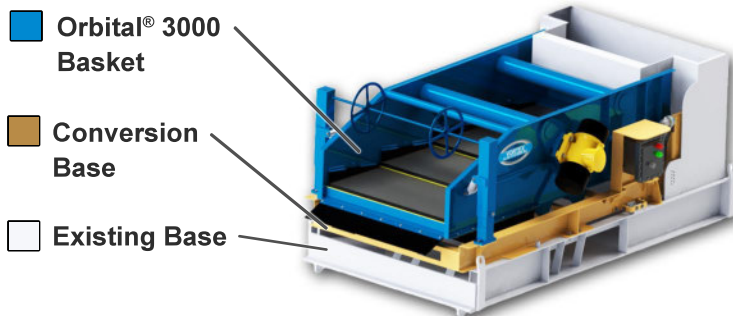
PERFORMANCE

The screen area of the 4 panel shaker is 30 ft² with an acceleration of 6.9 g's. The combination of screen surface area, high g's, and elliptical motion make the Orbital® 3000 one of the best performing machines in the industry.

FEATURES

ORBITAL® shakers have many beneficial features.

- ✓ **INSTALLATION:** easy drop-in installation, no drilling, grinding, or cutting
- ✓ **ACCELERATION:** 6.9 g's (standard) to 7.5 g's (optional)
- ✓ **SCREEN AREA:** 30 ft² of screening area
- ✓ **MOTION:** elliptical motion
- ✓ **LOW MAINTENANCE:** ultra low maintenance
- ✓ **SEAL WELDED:** fully seal welded
- ✓ **SCREEN LIFE:** exceptional screen life
- ✓ **SCREEN SEALS:** patent pending screen seals are as easy to change as a set of screens
- ✓ **VIBRATORS:** vibrators are one of the most overbuilt electrically and mechanically in the industry
- ✓ **MANUFACTURING:** made in the USA



ORBITAL® 3000 CONVERSION KIT
MOUNTED IN EXISTING BASE

IMPROVEMENTS

- **LOWER OPERATIONAL COST**
- **LONGER BASKET AND VIBRATOR SERVICE LIFE**
- **LESS MAINTENANCE AND DOWN TIME**
- **VERY LOW BYPASSED SOLIDS**
- **IMPROVED SCREEN LIFE**
- **PERFORMANCE/PROCESSING CAPACITY**



TWO ORBITAL® 3000 RETROFIT UNITS
MOUNTED IN A DUAL BASE



ORBITAL® 3000 CONVERSION



VORTEX FLUID SYSTEMS INC.
Serving our customers worldwide...

www.vortexfluidsystems.com
office: 833.867.8391 • fax: 918.492.1688



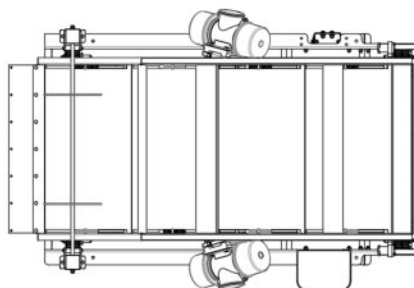
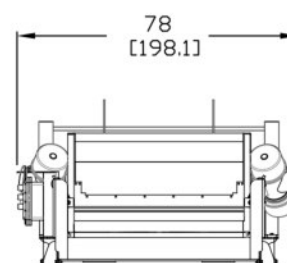
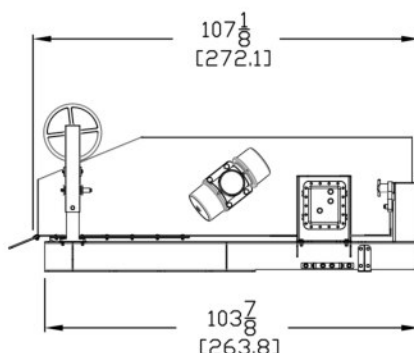
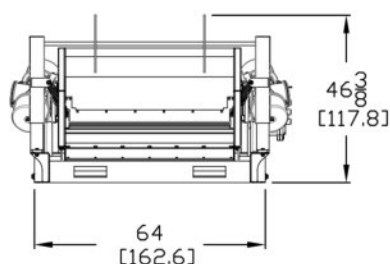
VORTEX FLUID SYSTEMS INC.

vortexfluidsystems.com

SPECIFICATIONS AND DIMENSIONS

ORBITAL® 3000 CONVERSION KIT

NAME: Orbital® 3000
SCREEN AREA: 30 ft ² [2.8 m ²]
“G” FORCE: 6.9 g's (standard)
MOTION: Progressive Elliptical
DIMENSIONS (LxWxH): 107-1/8x78x46-3/8in (272x198x118cm)
BASE DIMENSIONS (LxW): 103-7/8x64in (264x163cm)
WEIGHT: 2640lb [1188kg]
WEIR HEIGHT: 26.5in [67.3cm] (standard) or 24 in [61cm] optional
ADJUSTMENT ANGLE: 0 to 8 degrees
ANGLE CHANGE TYPE: wheel angle change
SCREEN TYPE: pretension
SCREEN NUMBER: 4 screens
SCREEN SIZE: 46.25 x 24 in [117 x 61 in]
MOTORS: Italvibras, 1800 rpm, 50 or 60 hz
MOTOR RATING: UL Class 1, Div 1, ATEX/IECEEx, explosion proof
ELECTRICAL BOX RATING: UL Class 1, Div 1, ATEX/IECEEx, explosion proof



VORTEX FLUID SYSTEMS INC.
Serving our customers worldwide...

www.vortexfluidsystems.com
office: 833.867.8391 • fax: 918.492.1688