



VORTEX FLUID SYSTEMS INC.

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ORBITAL® 3000 WITH VAPOR HOOD

DESCRIPTION

The Orbital® 3000 with Vapor Recovery is a four panel shaker with a vent hood. Access to basket for screen changes is accomplished by opening conveniently placed doors.

BENEFITS IN PROCESSING CUTTINGS

One advantage of the VFSI vapor recovery shaker is in processing cuttings. Competitor units have stationary sections which funnel cuttings to the shaker. These areas commonly plug up, must be cleared, and can cause a mess. The VFSI Orbital® 3000 Drying shaker features an extended section and are vibrated onto the screen eliminating cuttings holdup.

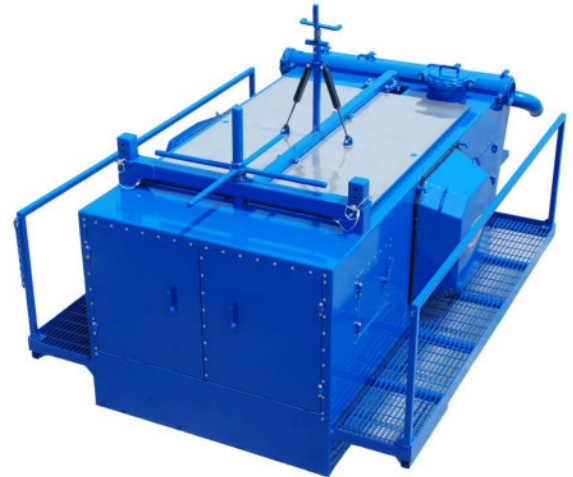
PERFORMANCE

The screen area of the Orbital® 3000 with Vapor Recovery has 30 ft² with 6.9 g's of acceleration (7.5 g's optional). The combination of screen surface area, high g's, and screen motion make the Orbital® 3000 one of the best performing machines in the industry. The Orbital® 3000 shakers use progressive elliptical motion for extended screen life and excellent conveyance.

FEATURES

ORBITAL® shakers have many beneficial features.

- ☑ **ACCELERATION:** 6.9 g's (7.5 g's optional)
- ☑ **SCREEN AREA:** 30 ft² of screening area
- ☑ **MOTION:** elliptical motion
- ☑ **SCREEN LIFE:** ORBITAL® shakers have exceptional screen life
- ☑ **SEAL WELDED:** fully seal welded baskets.
- ☑ **LOW MAINTENANCE:** ultra low maintenance design
- ☑ **LOW NOISE:** 70 db standing 3 ft from discharge
- ☑ **ABRASION PROTECTION:** two layers of powder coat
- ☑ **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 USA



GRATED WALKWAYS

The grated walkways on each side of the unit keep the operator "out of the mud" and provide a convenient height to change screens and monitor performance.



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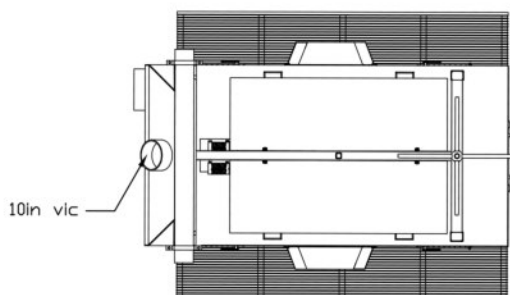
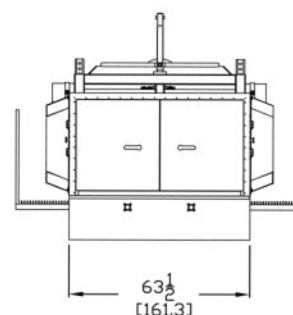
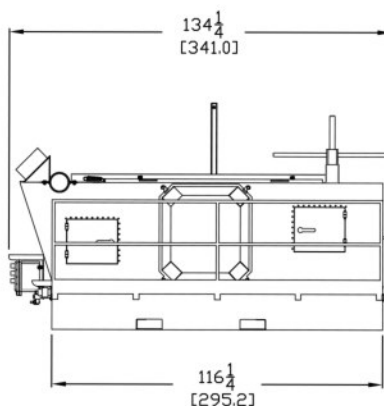
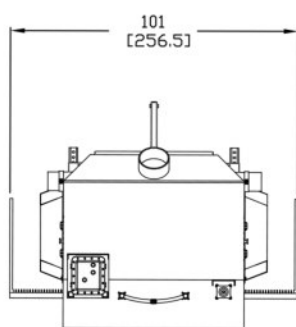
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SPECIFICATIONS AND DIMENSIONS

ORBITAL® 3000 WITH VAPOR HOOD

NAME: Orbital® 3000 with Vapor Hood
SCREEN AREA: 30 ft ² [2.8 m ²]
"G" FORCE: 6.9 g's (7.5 g's optional)
MOTION: Progressive Elliptical
DIMENSIONS (LxWxH): 129-1/2x93x74-5/8in (329x236x74-5/8cm)
BASE DIMENSIONS (LxW): 116-1/4x61in (295x155cm)
WEIGHT: 5500lb [1455kg]
FEED HEIGHT: 51-5in [131cm]
ADJUSTMENT ANGLE: 0 to 7 degrees
ANGLE CHANGE TYPE: center wheel
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 TYPE: UL Class 1, Div 1, ATEX/IECEX (opt), explosion proof
ELECTRICAL BOX TYPE: UL Class 1, Div 1, ATEX/IECEX (opt), explosion proof



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