

DFE SCR-01 Mud Cleaner "THE MUD DOCTOR"

Drilling Fluid Equipment's philosophy when designing the DFE SCR-01 Mud Cleaner was to combine the ruggedly constructed, dependable, high performance SCR-01 shale shaker with the best hydrocyclone technology available today.

The unique manifold design minimises the pressure drop across the hydrocyclones, thereby maximising solids removal, and reducing the volume of mud discharged with the captured solids from the cone.

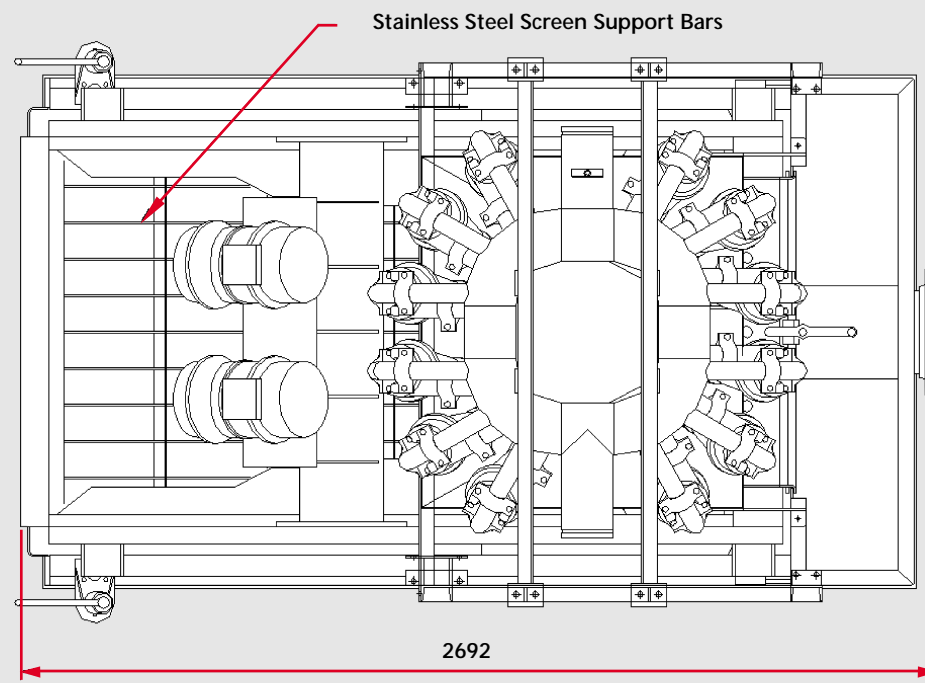
Processing capacities available are 500, 1,000 and 1,500gpm

With 28ft² of screen area the DFE MUD DOCTOR has one of the largest screen decks on the market.

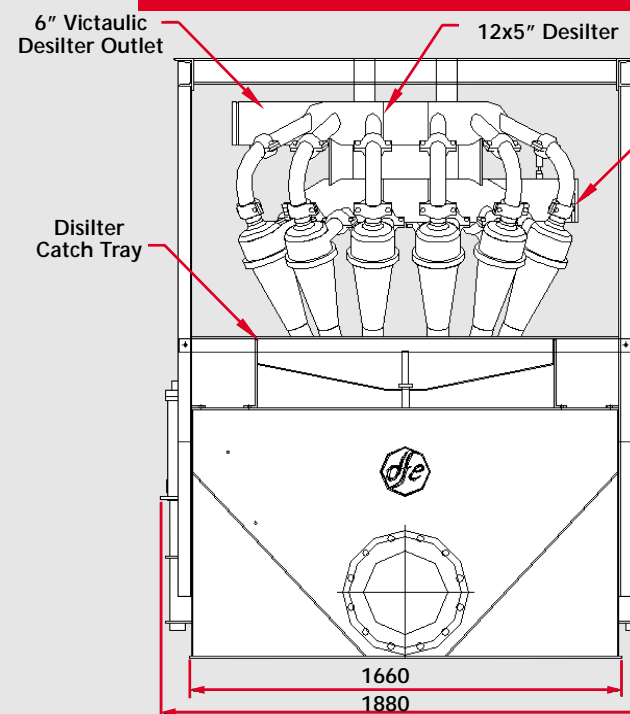
Screens are available in 50 mesh through 325 mesh with special application screens up to 450 mesh available on request. The MUD DOCTOR is a valuable asset for any operator looking to reduce their mud and maintenance costs through controlling drill solids



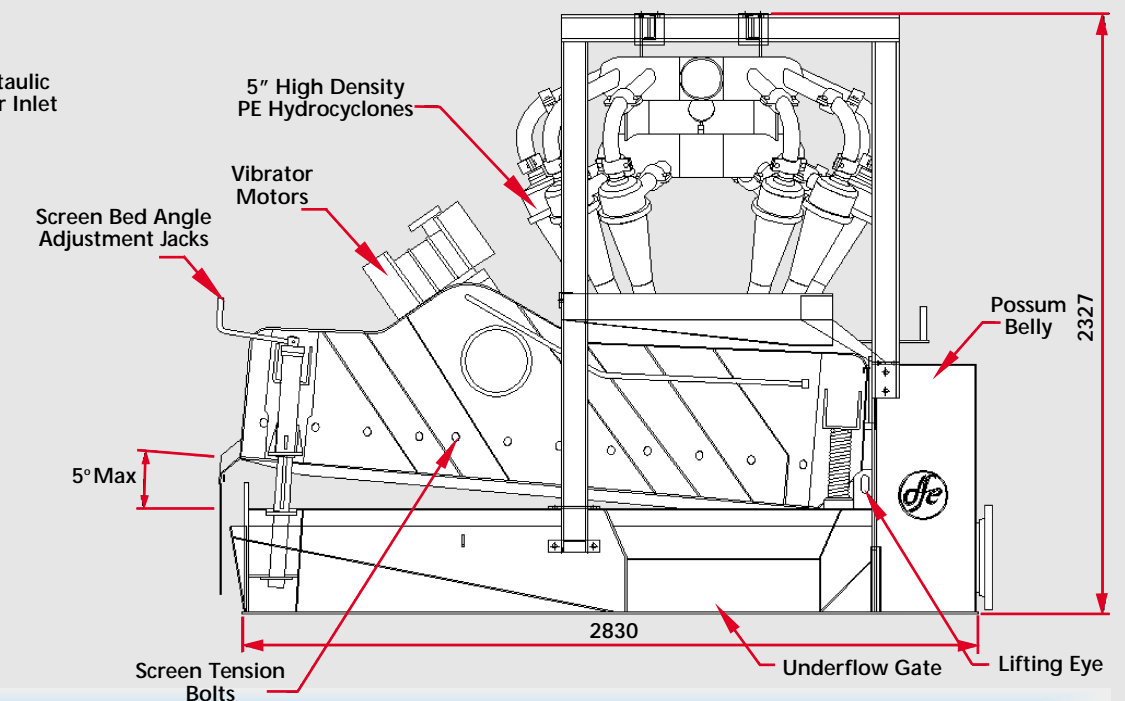
PLAN VIEW



DISCHARGE END VIEW



SIDE ELEVATION



Rugged Construction

Stainless Steel is used to fabricate the screen bed and the Shaker is fully seal welded to minimise corrosion. Corten, a corrosion resistant steel which is utilised in ship building, is used to fabricate the Basket Sides.

High Quality Paint Specification

The demands placed on solids control equipment by highly corrosive mud systems are combated by a paint specification that will withstand both corrosion and abrasion.

High Performance Cones

The cones used on the DFE MUD DOCTOR are manufactured from a high abrasion resistant high density polyurethane which exhibits excellent wear characteristics. The 5" cones are offered as standard and provide a 15 micron cut point

Electrical Specification

Zone 1 Class 1 Groups C and D
Zone 2 Class 2 Groups E, F and G
Certified CSA and FM Approval

Screen Deck Angle Adjustment

The screen deck can be adjusted from -1° to +5° via two robust mechanical jacks with locking mechanisms. Deck angle can be adjusted while operating (AWD)

Simple and Effective Drive System

The motors do not require elaborate lubrication systems. There are no vee belts to slip or break, and the motor bearings require lubrication only once every 5000 operating hours. Adjustments are made while the shaker is operating.

Screen Replacement

Is achieved by loosening the brass nuts and stainless locking bolts and rotating them 90°, removing the tension rail and screen, and replacing in reverse order. Screen changes can easily be made during connections without hindering normal rig operations.

