



#### SHAKER SPECIFICATION

Overall Dimensions:

Height: 1540mm (60.6")

Width: 1660mm (65.4")

Length: 2960 (116.9")

Overall Weight: 1740 Kgs (3835 lbs)

Motor Size: 1.7 Kw x 2 Motors - 2.3 HP x 2 Motors

Screening Area: 2.6m<sup>2</sup>/28ft<sup>2</sup>

Electrical Specifications

Explosion Proof

Class 1 - Division 1

Groups C and D

Class 2 - Division 1

Groups E, F and G

SSA, Atex, IECEx

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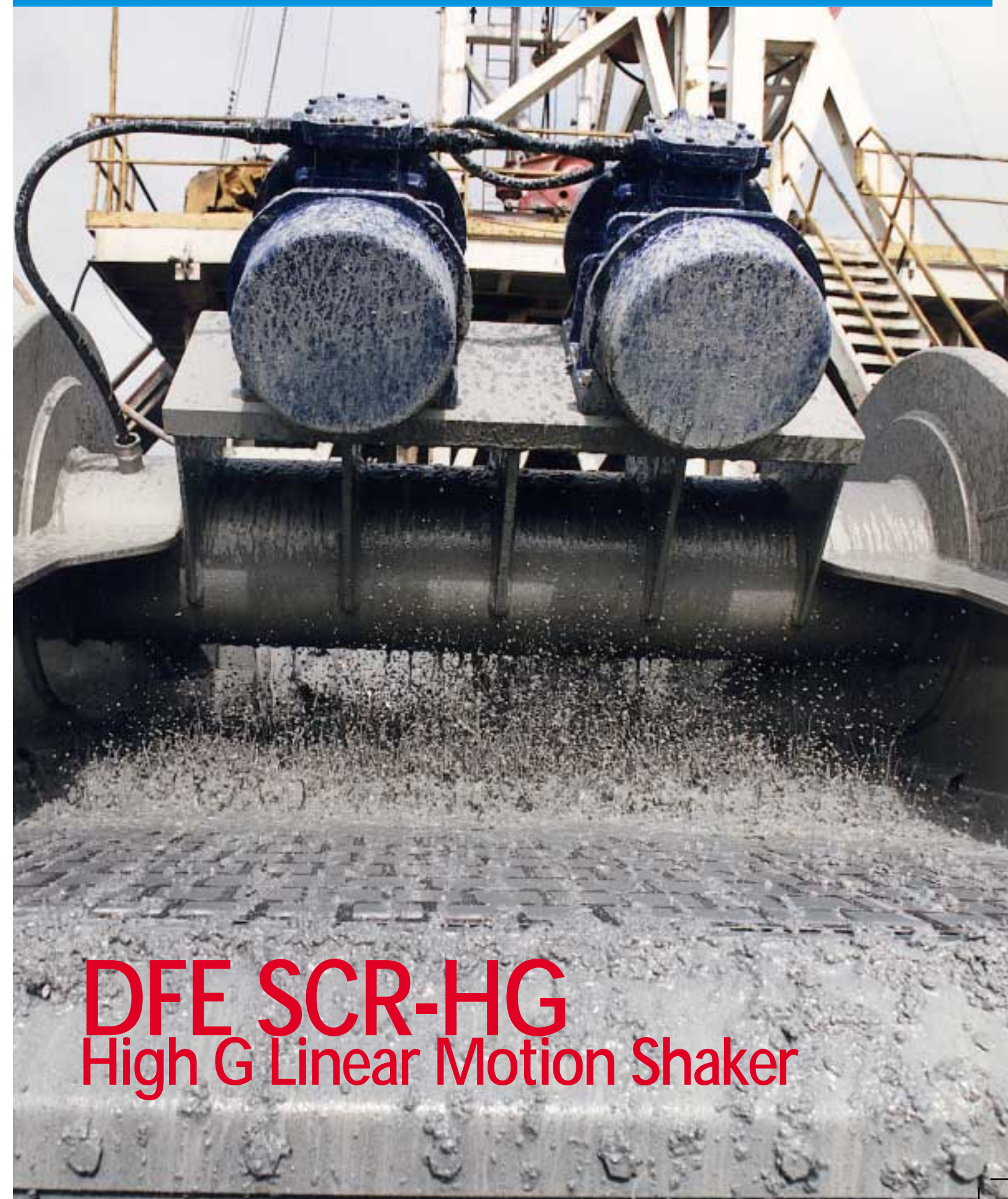
Website [www.dfepacific.com](http://www.dfepacific.com)



Drilling Fluid  
Equipment



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Equipment



**DFE SCR-HG**  
High G Linear Motion Shaker

# DFE SCR-HG High G Linear Motion Shaker

Drilling Fluid Equipment's philosophy when designing the DFE SCR-HG shaker was to offer the market a simple, High G Shaker that is ruggedly constructed, dependable, low profile, (low weir height) shale shaker, that performs equal to or better than competitive shakers.

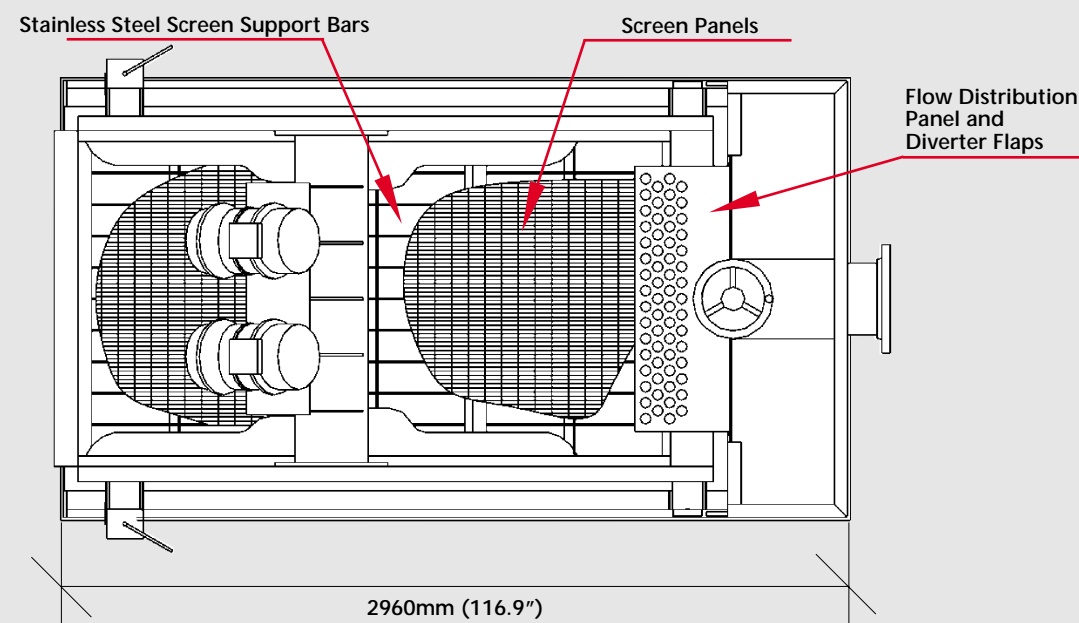
Vibrating motion is via two opposing sealed motors with adjustable counterweights, mounted directly on the screen basket. The new generation vibrator motors, coupled, do a variable speed drive, allowing the G force to be varied from 4.0 to 8.1 "G's", giving the DFE SCR-HG one of the highest screen impact forces of any shaker available.

With 28ft<sup>2</sup> of screen area the DFE SCR-HG Shaker has one of the largest screen decks on the market.

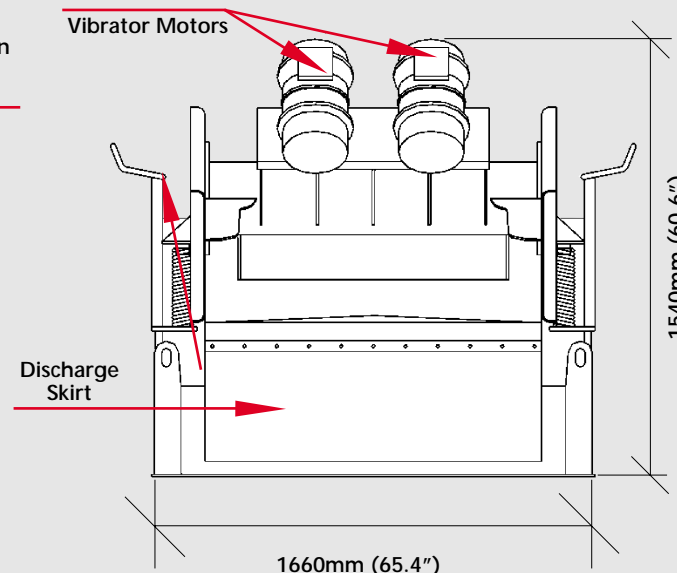
Screen tension is achieved through stainless steel quick release tension bolts, with brass locking nuts, no more broken or seized bolts even when processing aggressive salt based fluids.



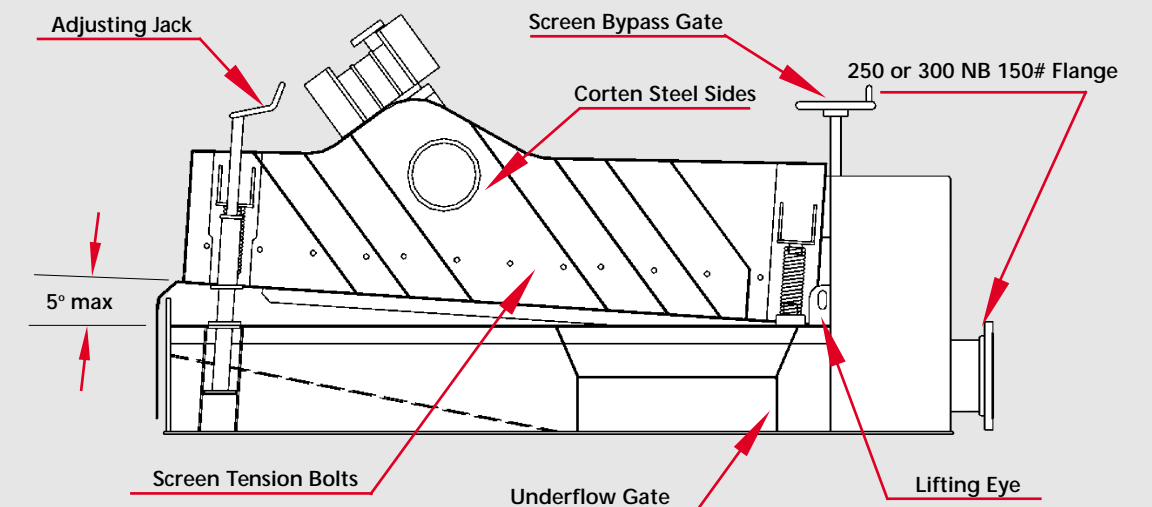
## PLAN VIEW



## DISCHARGE END VIEW



## SIDE ELEVATION



### Rugged Construction

Stainless Steel is used to fabricate the screen support 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.

### Low Weir Height

The weir height of 29" (736mm) makes the DFE SCR-HG one of the lowest profile shakers on the market. The low weir height makes this shaker ideally suited to small land rigs and "tight" off-shore installations.

### Minimal Maintenance

Normal servicing only involves periodic lubrication of three grease points.

### 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.

### 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.

