

LS584-D Hi-G Dryer

Hi-G dryer is a kind of equipment of drilling waste management system, and is used to separate drilling fluid from cuttings treated by solids control equipment. It features in two advantages: I. It reduces total cuttings discharge amount, discharge cost and environmental pollution; II. The recovered drilling fluid can be recycled, which reduces the cost of drilling fluid.

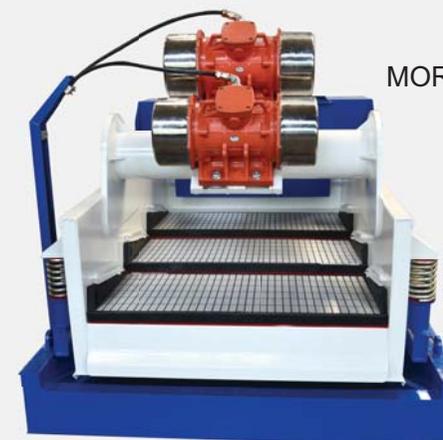
KOSUN LS584-D Hi-G dryer is a high frequency linear-motion vibrating screen machine, equipped with four screen panels and two vibrating motors, and offering a choice of manually adjusting screen frame angle while drilling (AWD). When LS584-D Hi-G dryer works, the screen frame angle can be adjusted from -1° to $+5^{\circ}$ by dint of its structural design innovation. LS584-D Hi-G dryer can separate drilling fluid from cuttings efficiently. Fix vibrating motors onto the screen frame with a high-strength supporting seat, and position them on the screen box, and the positioning in this way can make vibrating motors directly exert G-forces on screens. The isolation mounts can protect the bedframe from vibration effect of the screen frame. Cuttings are fed into a hopper at the tail of screen box of LS584-D dryer by a conveying device.

Field-proven tensioning system is of stable performance and reliable structure. It takes less than two minutes for a person to install or remove one screen using special tools.



Model	LS584-D
Type	Linear
Power (kW/HP)	2*2.5
G-force	7.3
Vibration force adjustable or not	Yes
Total screen area (m ² /ft ²)	2.7/29
AWD	-1° ~ $+5^{\circ}$
Height of feed port (mm/in)	1171/46
Capacity of integrated base collecting box (m ³)	1.5
Dimensions (mm/in)	2752*1892*1762/108*74*69
Weight (kg/lbs)	1590/3506

Mini Series Shaker



MORE THAN CUSTOMIZED™

This is a MORE THAN CUSTOMIZED™ product, KOSUN makes deeply customized painting with certain colors.



Model	MINI LS633	LS583	MINI LS583
Vibrating Motion	Linear Motion		
Vibrator Model (Martin)	Short		
Motor Power (kW)/(HP)	2×1.86kW (2×2.5HP)	2×1.86kW (2×2.5HP)	2×1.86kW (2×2.5hp)
G-force (G)	7.0(6.5 ~ 7.5 Adjustable)	7.0(6.6 ~ 7.4 Adjustable)	7.0(6.5 ~ 7.5 Adjustable)
Screen Area (m ²)/(ft ²)	2.4/26	2.0/21.5	2.0/21.5
Deck Adjustment (°)	-1 ~ $+5$	-1 ~ $+5$	-1 ~ $+5$
Capacity (m ³ /h)/(GPM)	113 ~ 136 /500 ~ 600	113 ~ 136 /500 ~ 600	113 ~ 136 /500 ~ 600
Screen type	Frame/Pre-tensioned		
Screen Dimension (mm)/(in)	635×1250/25×49	585×1165/23×46	585×1165/23×46
Screen No.	3	3	3
Noise(dB)	< 85	< 85	< 85
Weir Height (mm)/(in)	590/23	940/37	590/23
Dimension L×W×H(mm)/(in)	2100×1827×1340/ 83×72×53	2350×1761×1658/92.5×69×65	1950×1742×1340/77×69×53
Weight (kg)/(lbs)	1370/3020	1680/3705	1320/2910
Remarks	Equipment color can be customized		