

Shale Shaker

Shale shakers are a piece of industrial equipment applied to remove rock particles from drilling fluid. This drilling fluid, or mud, plays a significant role in the drilling process. It washes away rock cuttings as they are cut by the drill, and also helps to cool the drill bit to reduce the risk of overheating. The [oilfield shale shaker](#) is designed to remove these rock cuttings and other solid materials from the drilling mud so that it can be safely reused over and over again. Shale shaker often serves as part of a larger mud removal system, which helps to keep the drilling mud free of not only solids, but also unwanted gases and other contaminants.

General Features



ZS series Shale Shakers are modular designed. Featured with high vibration strength, large screen size, adjustable shaker angle. Suitable for onshore or offshore drilling operations.

Details

The ZS series shale shakers were developed to provide the market with more reliable technology and more hoisting performance. Featured with special modular design, long working life and high performance, it could match all kinds of mud clean or solid control system. Twin-shaker and triple shaker could be provided according to customer's requirement. Included but not limited by the advantages mentioned, ZS series shale shakers might be your best choice.

Main Parameters

Capacity: 200 gallon/min - 616 gallon/min (45 m³/h – 140 m³/h)

Size of Screen: 14.5 sq.ft – 29 sq.ft (1.35m² - 2.7m²)

General Features

- Suitable for onshore or offshore rigs
- Electric angle adjuster
- Long life shaker box with good seal
- Stainless steel structure frame, improve the corrosion resistance
- Overall heat treatment offers high strength of the shaker box
- Modular easy to change shaker screen

Parameters:

Model	ZS752E-DM	ZS703E-HB	ZS703E-DZ	ZS594E-HB	ZS594HGE-LD
Vibration Mode	Linear Motion				
Capacity	45m ³ /h(200GPM)	120m ³ /h(528GPM)		140m ³ /h(616GPM)	
Vibration Motor	2×0.75Kw	2×1.72Kw			2×1.94Kw
Screen Qty	2pcs	3pcs		4pcs	
Screen Size: L×W	750×900mm	700×1250mm		585×1165mm	
Screen Area	1.35m ²	2.63m ²		2.73m ²	
Adjustable G Force	≤7.1G	≤7.5G			≤8.0G
Vibration Amplitude	3.92~5.62mm	4.14~5.96mm			4.4~6.34mm
Deck Angle Range	+2°	-1°~+5° (Adjustable)			
Feeding Type	Box Feeder	Weir Feeder	Box Feeder	Weir Feeder	Hopper Feeder
Weir Height	710mm	895mm	1042mm	895mm	
EX Standard	ExdIIBt4 / IEC EX/ ATEX				
Weight (Kg)	893	1675	1742	1722	1638
Dimension: L×W×H(mm)	1676×1689×1062	2717×1998×1428	2419×2055×1474	2937×1998×1428	2761×1998×1428