

HIGH-G DRYING SHAKER

Maximum Fluid Recovery & Drier Cuttings for Waste Management

In modern drilling operations, reducing waste volume, recovering valuable drilling fluids, and meeting strict environmental regulations are essential. The High-G Drying Shaker is specifically engineered to dry drilling cuttings discharged from primary shale shakers, delivering superior performance in waste treatment systems.

With adjustable G-forces up to 8.0G, it effectively separates and recovers drilling fluids from cuttings, resulting in significantly drier solids and lower disposal costs.



KEY FEATURES & TECHNOLOGIES

High G-Force Performance

Up to 8.0G (adjustable) for exceptional liquid/solids separation and drier cuttings discharge.

Linear Motion Design

Ensures smooth, efficient cuttings conveyance even with high viscosity or sticky materials.

Large Screen Area

4 or 5-panel pretensioned screens for high processing capacity.

Adjustable Deck Angle

Mechanical adjustment while operating to optimize performance under varying conditions.

Low Profile Feeder Option

Facilitates easy transfer of cuttings from upstream equipment.

Explosion-Proof Motors

IEC Ex / ATEX certified for safe operation in hazardous areas.

Robust Construction

Heat-treated shaker deck to withstand high G-force, stainless steel bottom deck for corrosion resistance, and patented rubber sealing for longer screen life.

HIGH-G DRYING SHAKER TECHNICAL SPECIFICATIONS

Model	GHYBZS584	GHYBZS585/GHYBZS585S
Vibration mode	Linear Motion/Double Track	
Capacity	140m³/h	165m³/h
Motor	2×2.2kW/2×2.2+1×1.3kW	
Screen Qty(pcs)	4	5
Screen Size	585×1165mm	585×1165mm
Adjustable G Force	≥8.0G	
Vibration Amplitude	5.0~6.5mm	
Deck Angle Range	-1°~5°	-1°~4°
Noise	<85db	
EX Standard	ExdIBt4/IECEx/A-TEX	
Weight	1530kg	1950kg
Overall Dimensions	3004x1978x1415mm	3597x1978x1415mm
Remark	Above capacity amount is just for reference, will be different depending on mesh number and mud conditions.	