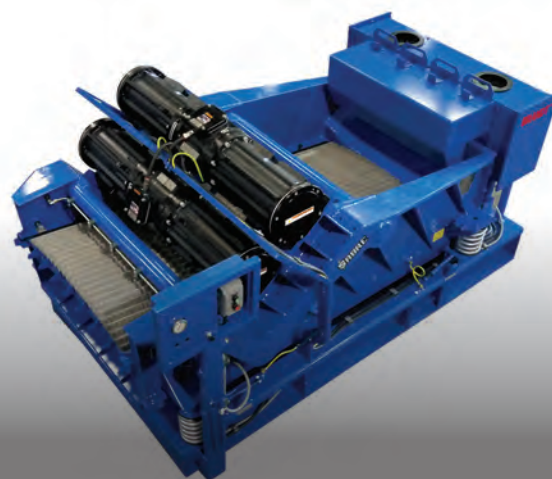




Increase performance and reduce operating cost with the SABRE shaker system.

The BRANDT™ SABRE™ shaker system represents an industry revolution. The BRANDT SABRE is available as a single, double or triple deck shale shaker. Field tests have shown up to 2X the fluid handling capacity in comparison to existing high performance shakers. This performance advantage enables SABRE to better control low gravity solids (LGS) throughout the entire drilling process, thereby reducing dilution and associated logistics costs.

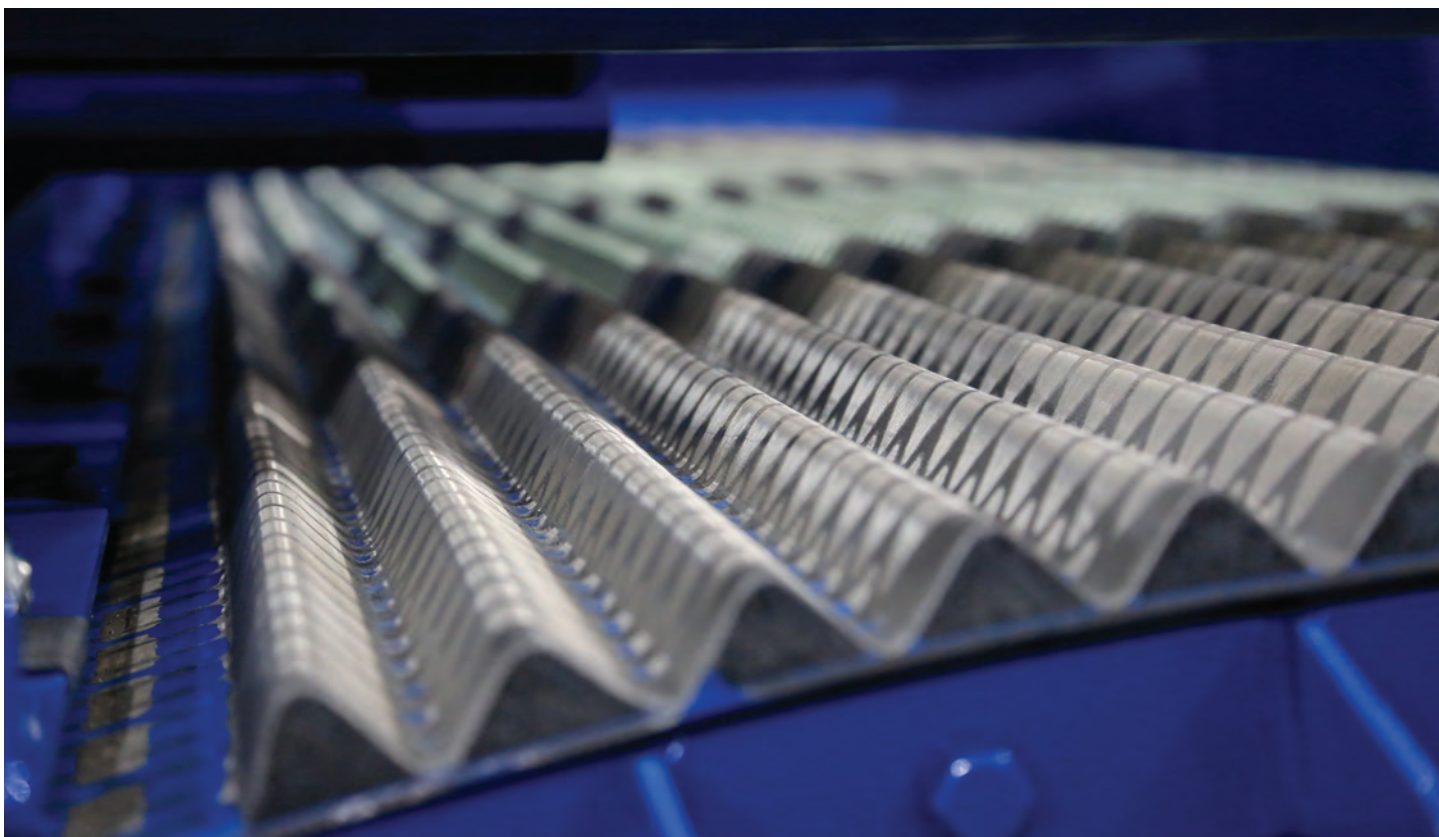
The SABRE's increased performance is due to its robust and differentiated design. The vibrator motors are designed to transmit force directly to the side walls of the basket, for better energy transfer to the screens. Unlike other multi-deck shakers, where the upper deck is limited to scalping duties, the SABRE allows for full use of the upper deck as a primary screening deck. This enables finer screening, improved shaker efficiency and longer screen life. The ability to effectively split solids loading between decks also enables the SABRE to minimize Retention on Cuttings (ROC), reducing both haul-off and disposal costs.

For operators whose drilling application requires the recovery of costly LCM or wellbore stabilization materials, SABRE's triple deck configuration can be setup to retain these particles and reintroduce them into the fluid system, while STILL removing unwanted LGS.

SABRE screens are super-lightweight (weighing as little as 13 lbs.) and are repairable using NOV's unique AX SNAPFAST™ screen repair system. The screens are secured and sealed using NOV's industry-proven pneumoseal technology. Screen changes have been made simpler and safer as the screens can be quickly changed out by a single operator, from the front of the shaker, in a matter of minutes.

For drilling rigs equipped with KING COBRA VENOM™ or HYBRID shakers, SABRE can be retrofitted into the existing skids, further reducing upfront installation costs.

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Basket options for BRANDT SABRE Shaker

	Single Deck	Dual Deck	Triple Deck
Screen Configuration	Single Deck	Dual Deck	Triple Deck
Screen	SABRE Pre-tensioned	SABRE Pre-tensioned	SABRE Pre-tensioned
Screen Clamping	Pneumatic 80-90 PSI (5.5-6.2 Bar)	Pneumatic 80-90 PSI (5.5-6.2 Bar)	Pneumatic 80-90 PSI (5.5-6.2 Bar)
Screen Angle	6°	6°	6°
Angle Adjustment	-2° to +1° (screen angle 4° to 7°)	-2° to +1° (screen angle 4° to 7°)	-2° to +1° (screen angle 4° to 7°)
Total Screen Area	30 ft ² (2.78 m ²)	60 ft ² (5.57 m ²)	90 ft ² (8.36 m ²)
Operating Modes	Single Deck Screening	Dual Deck - In Series	Triple Deck - In Series
Power Consumption	8.00 kW max, per single shaker	8.00 kW max, per single shaker	8.00 kW max, per single shaker
Recovery Option	N/A	N/A	Sized Solids Removal

Dry operating weights and dimensions for BRANDT SABRE Shaker (with backtank)

	Single Deck	Dual Deck	Triple Deck
Weight	6538 lbs / 2966 kg	6843 lbs / 3103 kg	7148 lbs / 3242 kg
Length	121 11/16 in / 3091 mm	122 5/8 in / 3114 mm	122 5/8 in / 3114 mm
Width	74 3/4 in / 1899 mm	74 3/4 in / 1899 mm	74 3/4 in / 1899 mm
Height	64 1/16 in / 1627 mm	64 1/16 in / 1627 mm	64 1/16 in / 1627 mm
Skid Length	116 in / 2946 mm	116 in / 2946 mm	116 in / 2946 mm
Skid Width	64 1/16 in / 1627 mm	64 1/16 in / 1627 mm	64 1/16 in / 1627 mm
Weir Height	38 11/16 in / 983 mm	44 in / 1118 mm	44 in / 1118 mm