

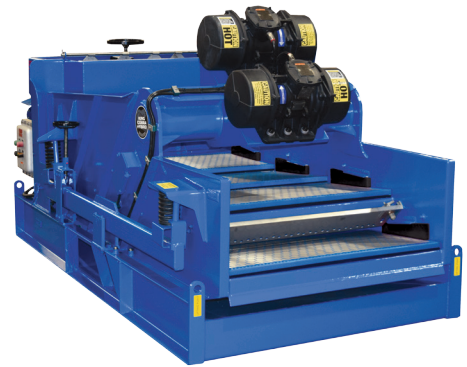
# BRANDT™ KING COBRA™ HYBRID™ Shaker

## COMBINING THE RUGGED RELIABILITY OF THE KING COBRA WITH THE HIGH PERFORMANCE OPTIONS OF THE KING COBRA VENOM™

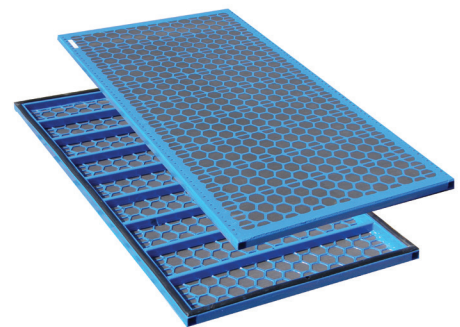
The KING COBRA HYBRID shaker combines the reliable KING COBRA skid, back tank, and screen angle adjustment features with the rugged KING COBRA VENOM shaker basket. The basket's patented CONTOUR PLUS™ design reduces the liquid pool depth to provide better conveyance of drilled solids across the screens. Configured for 0° at the feed panel and +5° on the remaining panels, the CONTOUR PLUS design minimizes basket angle elevation and achieves drier solids and increased screen life by decreasing the mud pool weight over the screens.

We've also equipped the KING COBRA HYBRID with a variety of high performance options like our patented CONSTANT-G CONTROL™ (CGC) for increased process capacity and dual motion for operation in either linear or tuned elliptical modes.

With the rugged reliability of the KING COBRA and the fine-tuned performance options of the KING COBRA VENOM, the KING COBRA HYBRID has the flexibility to meet your operation's changing needs. Contact your NOV sales representative for more information.



KING COBRA HYBRID Shaker with CONSTANT-G CONTROL

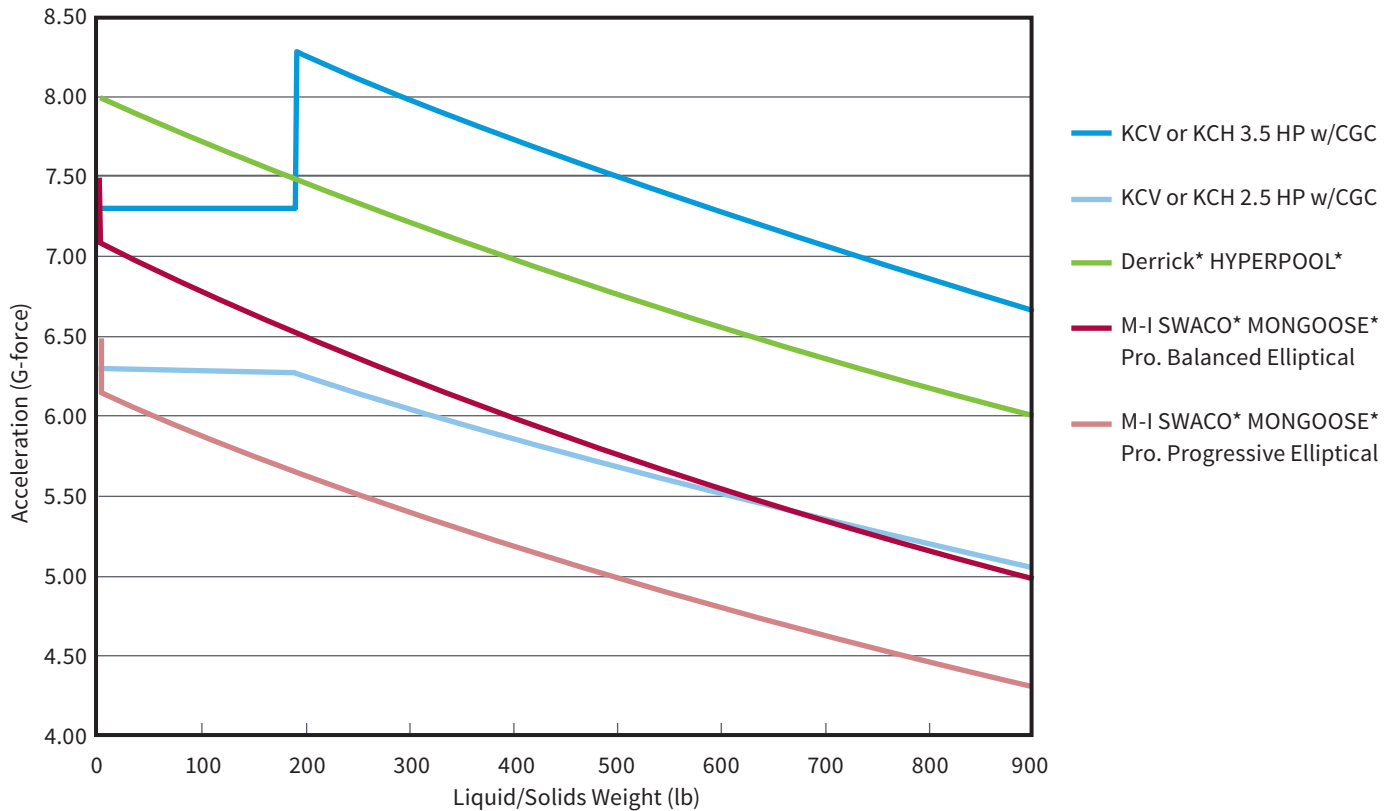


VENOM Series Screen

FEATURES	BENEFITS
Minimal replacement parts	Small parts inventory
Linear motion (available on all configurations)	Rapidly separates and discharges solids
G-Force	Fixed nominal <ul style="list-style-type: none"> <li>• 6.1 G's - 2.5 hp</li> <li>• 7.4 G's - 2.5 hp "High-G" option</li> <li>• 8.0 G's - 3.5 hp</li> </ul> With CONSTANT-G CONTROL - patented worldwide: <ul style="list-style-type: none"> <li>• Automatically - sustained settings as loading increases or decreases</li> <li>• 6.3 G optimal - 2.5 hp</li> <li>• 7.3 - 8.3 G optimal - 3.5 hp</li> </ul>
Patented CONTOUR PLUS deck design with incorporated drying deck. Deck angles (0°, +5°, +5°, +5°).	Increases screen life by decreasing mud pool volume and reduces mud losses via a dry solids discharge
VENOM series screens	<ul style="list-style-type: none"> <li>• Larger screening area (33.4 ft<sup>2</sup> or 3.1 m<sup>2</sup>)</li> <li>• Cost saving with elimination of crown rubbers</li> <li>• Repairable screens</li> <li>• Improved cuttings conveyance and fluid throughput</li> </ul>
Patented pin and hole screen securing system	Screen secured snugly to basket with no slipping
Manual Flywheel deck angle adjustment mechanism	Quick and easy deck angle adjustments
Epoxy and glass flake paint system	Longer paint life
Dual motion	<ul style="list-style-type: none"> <li>• Allows selection of vibration motion most suitable for current conditions                             <ul style="list-style-type: none"> <li>- Linear - Rapidly separates and discharges solids</li> <li>- Tuned Elliptical - Removes large, sticky, hydrated clays and other troublesome solids</li> </ul> </li> </ul>

# BRANDT™ KING COBRA™ HYBRID™ Shaker

## KING COBRA HYBRID or KING COBRA VENOM vs Competitors CONSTANT-G CONTROL Advantage G-Force vs. Weight



Competitor performance declines as the shaker's liquid/solid load increases, but BRANDT'S CONSTANT-G CONTROL automatically adjusts G-force to compensate for solids loading. It's G-force when you need it. Performance no other shaker can match.

## Nominal Specifications and Dimensions

Dimensions (L x W x H)	119 9/16 in x 66 1/8 in x 65 1/2 in (3037 mm x 1680 mm x 1664 mm)
Weir Height	41 3/16 in (1046 mm)
Dry Weight	5300 lbs (2404 kg)
Basket Angle	Adjustable -5° to +3°
Deck Angle	0°, +5°, +5°, +5°
Screening Area	33.4 ft <sup>2</sup> (3.1m <sup>2</sup> )
Screen Type (qty 4)	Pretensioned, Repairable
Motor Type (qty 2)	Vibratory Canister Motors
Drive Motor	<ul style="list-style-type: none"> <li>• 2.5 hp (1.9 kW) each - Standard</li> <li>• 3.5 hp (2.6 kW) each - Optional</li> </ul>
Vibration Motion	Linear or Dual
Optional Certifications	ATEX Zone 1, CE Ex II 2 G c IIB T4 Gb; Ta -20°C to +40/55°C <ul style="list-style-type: none"> <li>• No CGC: Ta -20°C to +55°C</li> <li>• CGC: Ta -20°C to +40°C</li> </ul>

\*All high performance options can be ordered initially or installed in the field regardless of original factory configuration.

\*Derrick Equipment Company and Hyperpool are registered trademarks of the Derrick Equipment Company.

\*M-I SWACO and MONGOOSE are registered trademarks of MI, LLC.