

AN INDUSTRY BENCHMARK FOR SEPARATION EQUIPMENT

The modular design and standardized platform of the KING COBRA VENOM shale shaker offers a wide range of options compatible with a variety of rig lay outs.

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.

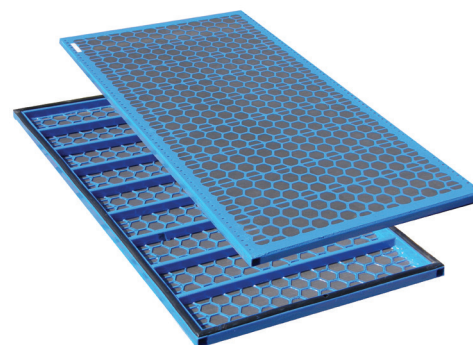
Unlike competitor's shakers, our CONSTANT-G CONTROL™ (CGC) means the KING COBRA VENOM's performance actually improves under loaded conditions. CGC is a patented technology that monitors and automatically adjusts motor speed to maintain optimal G-force depending on fluids and solids loading on the basket. Motor speed increases with load, so it's G-Force when you need it, reducing wear and tear on components and screens when loads are light.

With its reduced dimensions and weight, including 34.5 inch (876 mm) weir height with a 12 inch (305 mm) sump/skid, this shaker is able to be installed on a wide range of rigs. Offered with a variety of options that can be ordered initially or installed in the field regardless of original factory configuration, the KING COBRA VENOM shaker provides flexibility to meet changing needs.

VENOM screens eliminate the need for crown rubbers and offer improved solids conveyance and fluid throughput. A rugged and reliable screen wedge system is used to secure the screens. A pneumatic single point deck angle adjustment is a standard feature.



KING COBRA VENOM Shaker with CONSTANT-G CONTROL

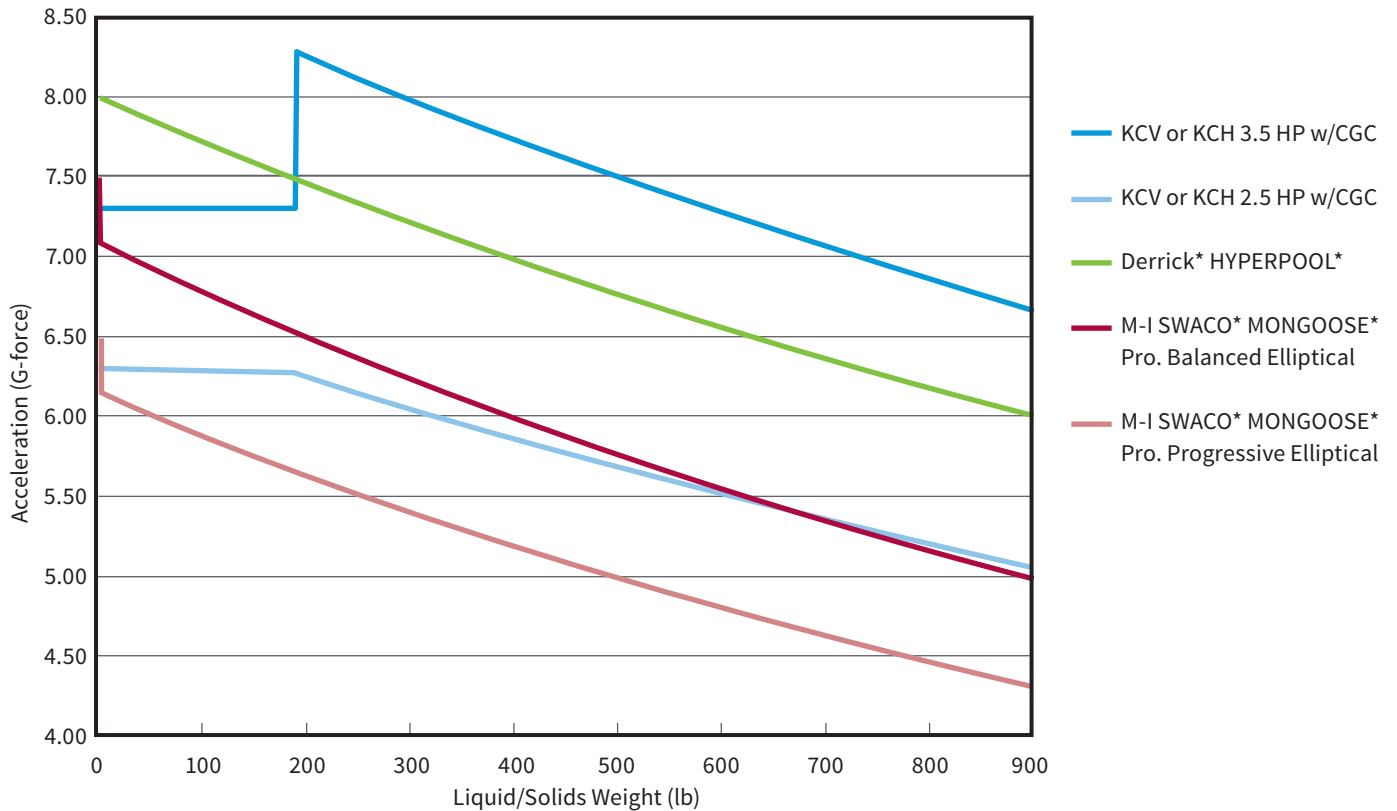


VENOM Series Screen

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"> • 6.1 G's - 2.5 hp • 7.4 G's- 2.5 hp "High-G" option • 8.0 G's - 3.5 hp CONSTANT-G CONTROL - patented worldwide: <ul style="list-style-type: none"> • Automatically - sustained settings as loading increases or decreases • 6.3 G optimal - 2.5 hp motors • 7.3 -8.3 G optimal - 3.5 hp motors
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"> • Larger screening area (33.4 ft² or 3.1 m²) • Cost saving with elimination of crown rubbers • Repairable screens • Improved cuttings conveyance and fluid throughput
Patented pin and hole screen securing system	Screen secured snugly to basket with no slipping
Pushbutton (pneumatic) single point deck angle adjustment mechanism	Quick and easy deck angle adjustments
Epoxy and glass flake paint system	Longer paint life
Dual motion (optional)	<ul style="list-style-type: none"> • Allows selection of vibration motion most suitable for current conditions <ul style="list-style-type: none"> - Linear – Rapidly separates and discharges solids - Tuned Elliptical – Removes large, sticky, hydrated clays and other troublesome solids
Backtank	Standard (single – shaker configuration) Flanged (multiple – shaker configuration) <ul style="list-style-type: none"> • Bolt-on sections Material: Carbon Steel (Stainless Steel optional)
Available in common skid configurations	Provides for single lift ability to minimize rig up and installation times

BRANDT™ KING COBRA™ VENOM™ Shale Shaker

KING COBRA VENOM or KING COBRA HYBRID™ 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)	121 1/8 in x 67 7/8 in x 63 in (3077 mm x 1711 mm x 1600 mm)
Weir Height	34 1/2 in (876 mm)
Weight	5300 lbs (2404 kg)
Basket Angle	Adjustable -2° to +2°
Deck Angle	0°, +5°, +5°, +5°
Screening Area	33.4 ft ² (3.1 m ²)
Screen Type (qty 4)	Pretensioned, Repairable
Motor Type (qty 2)	Vibratory Canister Motors
Motor Power	<ul style="list-style-type: none"> • 2.5 hp (1.9 kW) each - Standard • 3.5 hp (2.6 kW) each - Optional
Vibration Motion	Linear or Dual

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