



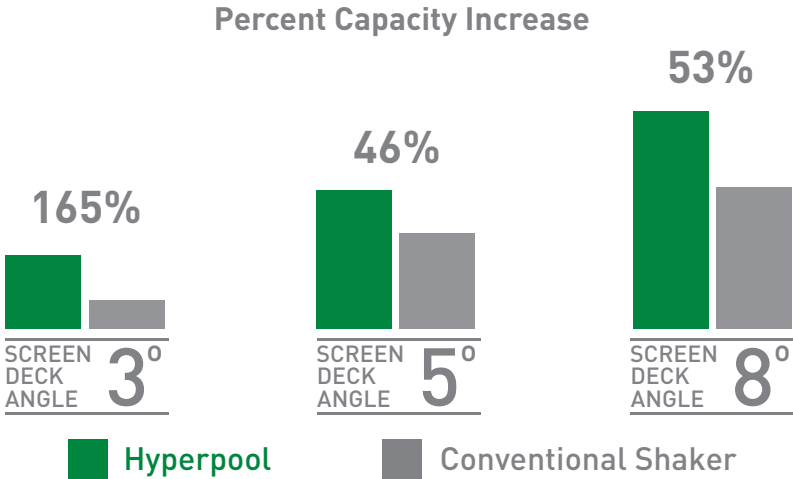
**HYPERPOOL**®



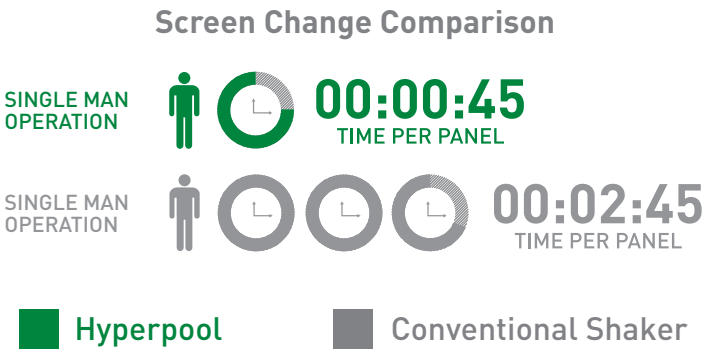
THE **NEXT GENERATION** IN SHALE SHAKER TECHNOLOGY

The Hyperpool is your first choice in shale shakers, bringing the latest innovation in solids control technology and offering:

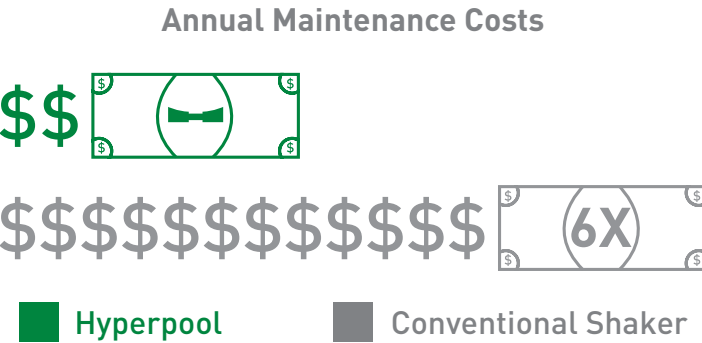
HIGH CAPACITY



FASTER SCREEN PANEL CHANGES



RELIABILITY AND LOW MAINTENANCE COST



Advanced solids control technology sets the Derrick Hyperpool shale shaker far ahead of the competition! Backed by nearly 40 years of cost-effective solutions for the drilling industry plus award-winning customer support\*, the Derrick Hyperpool shaker is the latest in a long line of products designed expressly to exceed the demanding needs of today's oilfield drilling operations.

Today's operating environment demands equipment that can adapt to ever-changing drilling conditions, while providing a platform that is easy to operate and maintain. With its compact footprint, industry-leading processing capacity, and low maintenance cost, the Hyperpool is well suited for all drilling applications where drilling performance and rig modularity are required. The Hyperpool is designed to bring maximum value to the operator!

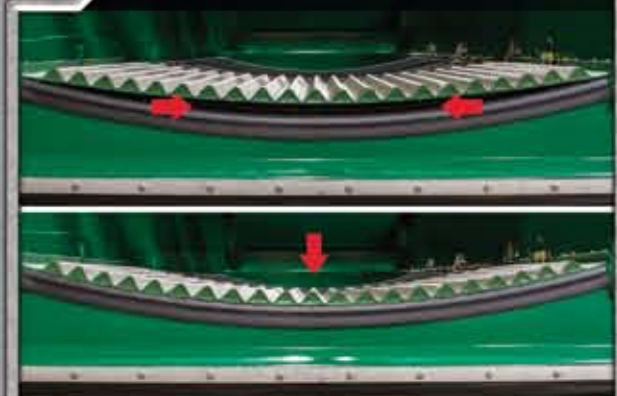


\* Five-time recipient of the EnergyPoint Research Inc. award for Total Customer Satisfaction.

**SOLIDS CONTROL - IT'S ALL WE DO!**



# 1 SCREEN COMPRESSION SYSTEM



- Less than 45-second screen panel changes
- Single side compression, available in left or right side operation
- HSE Benefit - No hammer required

# 2 POSI-LOK SEAL



- Oil resistant bed cushions fully seal the screen panels
- Prevents solids from passing under screen panels

# 3 CONCAVE SCREEN BED



- Concave screen bed allows fluid to pool in the center
- Up to 35% increased capacity over competitive equipment
- Lower Maintenance Costs (hardware-free)

# 4 PYRAMID™ SCREEN TECHNOLOGY



- PMD offers up to 20% more API RP13C non-blanked screen area than conventional shakers
- Compliant with industry-standard API RP13C
- HSE Benefit - Lightweight screens



# 5 ADJUSTABLE WHILE DRILLING



- Vary screen angle while drilling from +2° to +8°
- Adjust deck angle for optimum capacity, screen life, and efficiency
- Single point ratcheting system

# 6 VIBRATORY MOTORS



- Powerful, quiet, dual motors apply over 8 Gs to screen frame
- Two options - Super G or Super G2
- Super G has greased-for-life bearings (2 year warranty)
- Super G2 has internal oil-bath lubrication (3 year warranty)

# 7 FEEDERS



- Distributes flow evenly over screen bed
- Weir bypass or non-bypass
- Top feeder
- Box feeder/flow divider offers optimum flexibility for dual and triple units
- Low weir feeder available

# 8 DESILTERS/DESANDERS



- Up to twenty 4" hydrocyclones separate 10 to 74 micron particles
- Up to three 10" hydrocyclones separate 40 to 100 micron particles
- Individual shutoff valves on 4" hydrocyclones



## KEY FEATURES

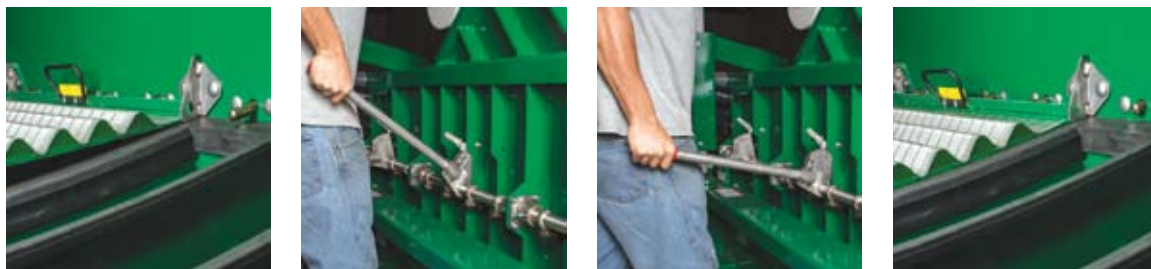
### Fluid Centering Technology

The Hyperpool shaker offers up to 35% increased capacity over competitive equipment within the same footprint. Fluid Centering Technology maximizes fluid throughput by causing fluid to pool in the center of the concave screen bed for maximum screening effect. And easily installed, hardware-free, oil-resistant nitrile rubber bed cushions provide the POSI-LOK seal that virtually eliminates solids bypass, reduces dilution and waste management costs, and eases environmental concerns.



### Fast, Simple Screen Changes

The convenient single-side screen compression system permits a single operator to change panels quickly and easily. Available in either left- or right-side operation, the system reduces screen panel replacement time to less than 45 seconds per panel, permitting complete shaker screen changes in less than three minutes! A single downward stroke of the operating lever extends retention pins that quickly and firmly secure each panel to the screen bed. As the retention pins extend, the screen panel is forced downward against the concave (reverse crown) screen bed, compressing the bed material to form Derrick's exclusive leak-proof POSI-LOK fit. This positive and uniform screen-to-deck sealing results in longer screen life, dramatically improved conveyance, and virtually eliminates bypass of solids under the screen panels. And the lightweight, 18 pound (8 kg), screen panels reduce handling effort, lessening injury potential.



### Low Maintenance Cost

Long-life nitrile rubber bed cushions offer extended bed material life, and hardware-free installation vastly simplifies replacement of bed material components. Fully covering the entire screen bed, the bed cushions are easily removed and installed without tools. Panels have no metal contact for reduced wear, while panel pressure is uniformly distributed across the screen bed by Derrick's exclusive POSI-LOK sealing system that virtually eliminates bypass of solids under screen panels.

### Hyperpool Dual and Triple Units

By combining multiple shakers on a single skid, the Hyperpool dual and triple units offer increased capacity in a compact footprint. Their flexible designs permit operation of all shakers simultaneously or operation of a single shaker, if warranted by drilling conditions. Modular design of the dual and triple units permits removal of a single shaker from the skid if necessary, without interrupting operation of the remaining unit(s). Individual electrical controls allow each shaker to be operated either together or individually, if needed to accommodate operational requirements.



#### Standard features of Hyperpool dual and triple units include:

- Super G vibratory motors
- Single-side screen compression system
- AWD deck angle adjustment
- Individual electrical controls
- Box feeder/flow divider

Optimum flexibility is provided by the box feeder/flow divider, which permits distribution of feed slurry equally to each shaker screen frame or bypassing one or more shakers if necessary. In addition, weir blockoffs are provided to permit interruption of flow to the unneeded shaker(s), as needed to facilitate screen panel changes or other maintenance. A bypass pipe that connects all hopper discharge outlets permits the feed to be diverted from the screen frame(s) when required for equipment maintenance or to accommodate drilling conditions. A butterfly valve allows the bypass to be opened and closed.





## HYPERPOOL SPECIFICATIONS

WIDTH In. (mm)	LENGTH In. (mm)	HEIGHT In. (mm)	WEIGHT Lbs. (kg)
<b>Single Hyperpool 4-Panel With Weir Feeder, Without Mud Cleaner Package</b>			
72 (1829)	119 (3013)	70 (1770)	3608 (1637)
<b>Single Hyperpool 4-Panel With Box Feeder, Without Mud Cleaner Package</b>			
72 (1829)	102 (2585)	70 (1770)	3308 (1501)
<b>Dual Hyperpool 4-Panel Without Mud Cleaner Package</b>			
156 (3953)	126 (3197)	65 (1638)	9005 (4085)
<b>Triple Hyperpool 4-Panel Without Mud Cleaner Package</b>			
238 (6047)	126 (3197)	65 (1638)	13080 (5933)
<b>Hyperpool Drying Shaker I-Beam Frame Only</b>			
72 (1817)	105 (2668)	65 (1638)	N/A
<b>Hyperpool Drying Shaker With Underflow Hopper</b>			
72 (1817)	105 (2668)	17 (1802)	N/A

\* All specifications are approximate and subject to change without notice.

## HYPERPOOL SPECIFICATIONS (WITH MUD CLEANER PACKAGES)

WIDTH In. (mm)	LENGTH In. (mm)	HEIGHT In. (mm)	WEIGHT Lbs. (kg)
<b>Single Hyperpool 4-Panel With 20-Way Mud Cleaner Package</b>			
80 (2032)	124 (3150)	109 (2764)	7103 (3222)
<b>Dual Hyperpool 4-Panel With 20-Way Mud Cleaner Package</b>			
162 (4113)	124 (3155)	109 (2757)	12810 (5811)
<b>Triple Hyperpool 4-Panel With 20-Way Mud Cleaner Package</b>			
244 (6206)	124 (3155)	109 (2757)	16857 (7646)

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