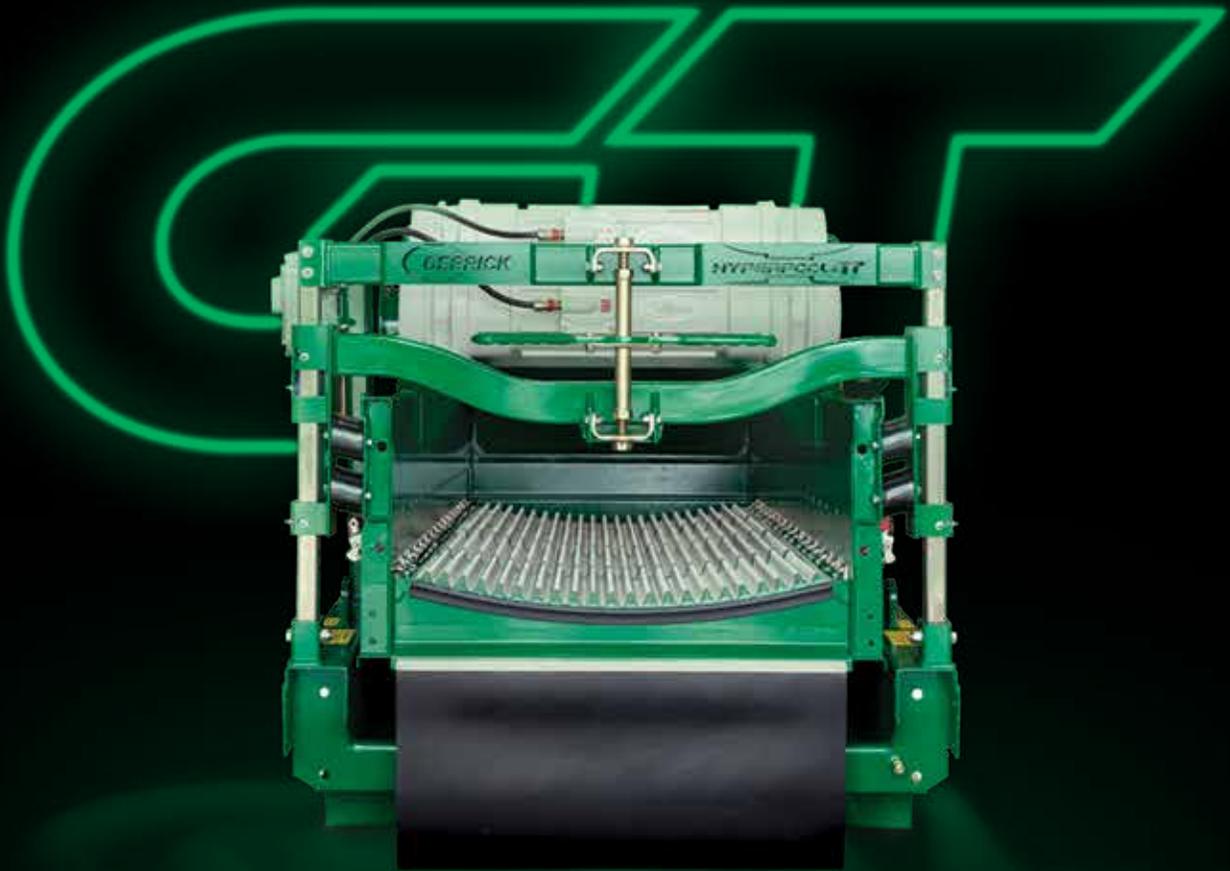


# HYPERPOOL® GT



Hyperpool® GT Shale Shaker



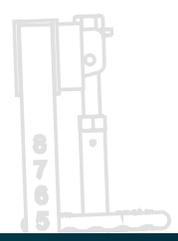
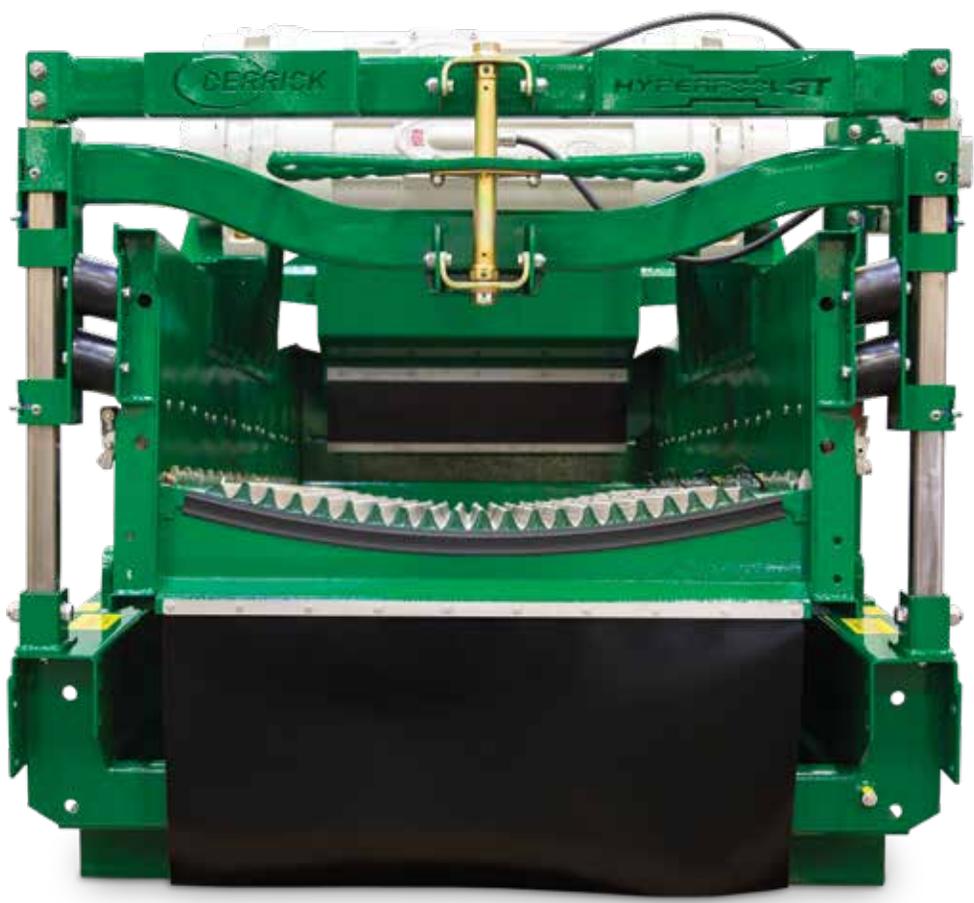
# **A Generation Built This. *Another Took it Further.***

The Hyperpool® GT processes more tons per hour than any shaker on the market. Built on Derrick's trusted Hyperpool platform, Hyperpool GT combines proven reliability with next-generation improvements. It delivers up to a 22% increase in total handling capacity, streamlined maintenance, and plug-and-play installation options; all backed by the reliability and support Derrick is known for. Engineered for the demands of today's fast-paced, high-solids drilling and ready to power the screening technology of tomorrow. The Hyperpool GT gives operators and drilling contractors a low-risk path to higher efficiency and consistent, reliable results.

The Hyperpool GT, while retaining the trusted screen frame design of the original Hyperpool, has incorporated over a decade of refinements. These include increased flow handling and capacity, interlocking compression technology, and a redesigned shaker bed. Importantly, its vibrating screen frame maintains the same footprint and underflow hopper as the original Hyperpool, ensuring a seamless transition for users. Additionally, the Hyperpool GT can operate as a stand-alone unit and is compatible with K-Series, M-Series, and FLC 503 upgrade kits.

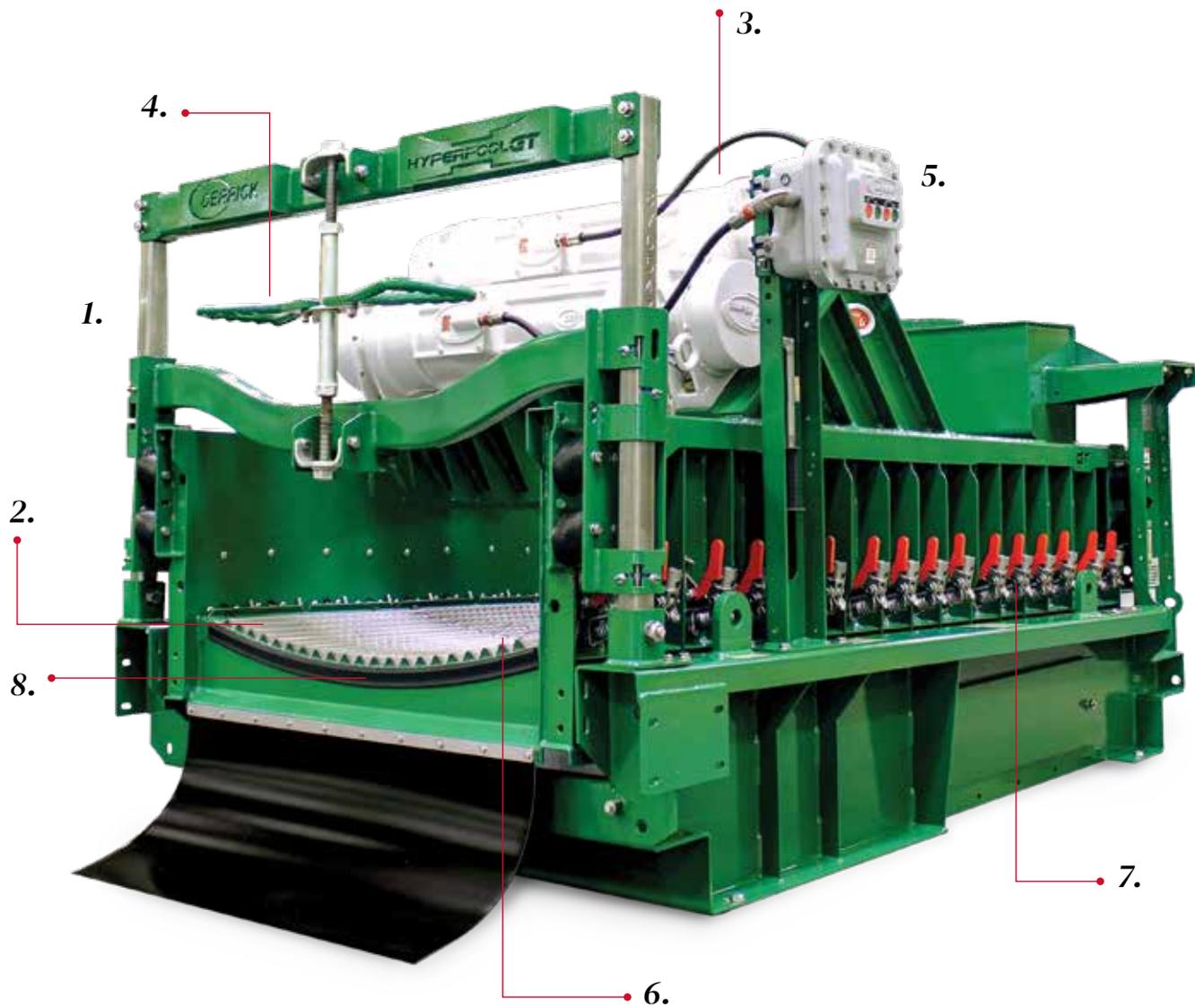
HYPERPOOL

**HYPERPOOL® GT**





# Features & Benefits



## 1. HEALTH, SAFETY, & ENVIRONMENT (HSE)

- Easy screen inspection, removal, and installation
- Low sound production (74 +/- 4 dBA)
- Optional vapor extraction covers protect operating personnel and surrounding equipment from vapors emitted during the screening process (dependent on customer provided HVAC exhaust system)
- Optional self-locking splash covers provide clean operating environment
- Light-weight screen panels make for easy single person installation

## 2. PYRAMID® SCREEN TECHNOLOGY

- Pyramid® and Pyramid Plus™ screens offer up to 53% more API RP 13C non-blanked screen area over conventional shakers of the same footprint, delivering greater efficiency
- Compliant with industry-standard API RP 13C (ISO 13501)

## 3. SUPER G® INTEGRATED VIBRATORY MOTORS

- Zero maintenance
- Powerful, quiet, dual vibratory motors apply high G performance
- Two options - Super G® or Super G2®
- Standard Super G has greased-for-life bearings (Two-year warranty)
- Optional Super G2 has continuous recirculating internal oil lubrication system (Three-year warranty)

## 4. SINGLE POINT SCREEN ANGLE ADJUSTMENT

- Adjustable screen angle while drilling from +2° to +8° for optimum capacity, screen life, and efficiency
- Manual single point system allows one man operation while drilling

## 5. MUD CLEANER

- Up to twenty 4" hydrocyclones
- Up to three 10" hydrocyclones
- Optional individual shutoff valve for each 4" hydrocyclone

## 6. INCREASED FLOW HANDLING & CAPACITY

- Same fluid centering technology as the original Hyperpool
- Compression fit bed material requires no hardware
- Up to 22% higher total handling capacity than the original Hyperpool
- Processes more fluid and cuttings under heavy solids loading and high mud weights

## 7. INTERLOCKING COMPRESSION TECHNOLOGY

- Maximizes solids separation, minimizes fluid loss, and ensures predictable performance in challenging drilling conditions
- Redesigned compression pins deliver over 3,000 lb-force per panel, ensuring precise placement and consistent screen seals
- Improved compression design further reduces bypass, dilution, and protects rig components to extend equipment life

## 8. REDESIGNED SHAKER BED

- New bed profile with removable stainless-steel components and upgraded nitrile-based seals
- Durable construction with replaceable parts backed by lifetime support
- Faster screen changes and simplified maintenance
- Reduced non-productive time (NPT), extended service life, and lower total cost of ownership

# Key Features

## INCREASED FLOW HANDLING AND CAPACITY

Field data has shown a significant enhancement in the Hyperpool GT's handling capacity compared to the original Hyperpool, especially when dealing with heavy solids loading and high mud weights typical of oil and gas drilling applications. Rigorous field tests in Ohio and South Texas have confirmed that under the same drilling conditions, the Hyperpool GT outperformed the original Hyperpool, delivering up to a 22% increase in total handling capacity.

In the Utica Shale, while drilling with 14.2 ppg oil-based mud (OBM) in the 8.5" production section at rates exceeding 325 feet per hour, a single Hyperpool GT handled 614 GPM compared to 503 GPM for the original Hyperpool under the same conditions.

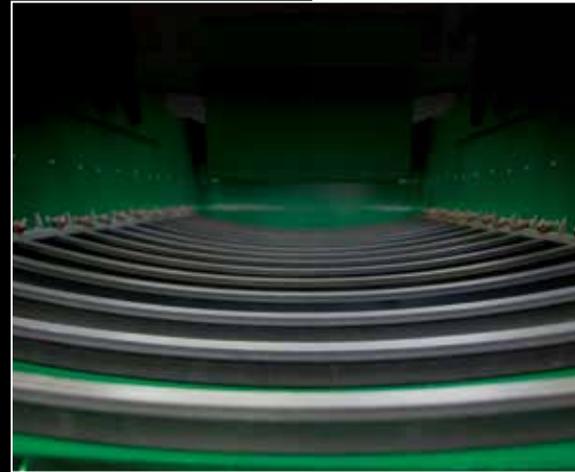
In the Eagle Ford Shale, the Hyperpool GT delivered a 12% higher flow rate than the original Hyperpool, processing 350 GPM with 12.0 ppg OBM in an 8 3/4" production hole at 436 feet per hour. It also maintained a lower deck angle, which contributed to longer screen life.

## IMPROVED PANEL HOLD-DOWN AND SEALING

The Hyperpool GT's interlocking compression pins and housings, which apply a force of over 3,000 lb to each panel, are redesigned for maximum efficiency. This redesign ensures the precise transfer of force from the pin to the edge of the perforated plate in contact with the nitrile-based rubber seals. Spring compression on both sides of the shaker ensures consistent, precise placement of each screen panel during changes. This improved compression design further reduces bypass and dilution, while also protecting rig components to extend equipment life.

## REDESIGNED SHAKER BED FOR EASE OF MAINTENANCE

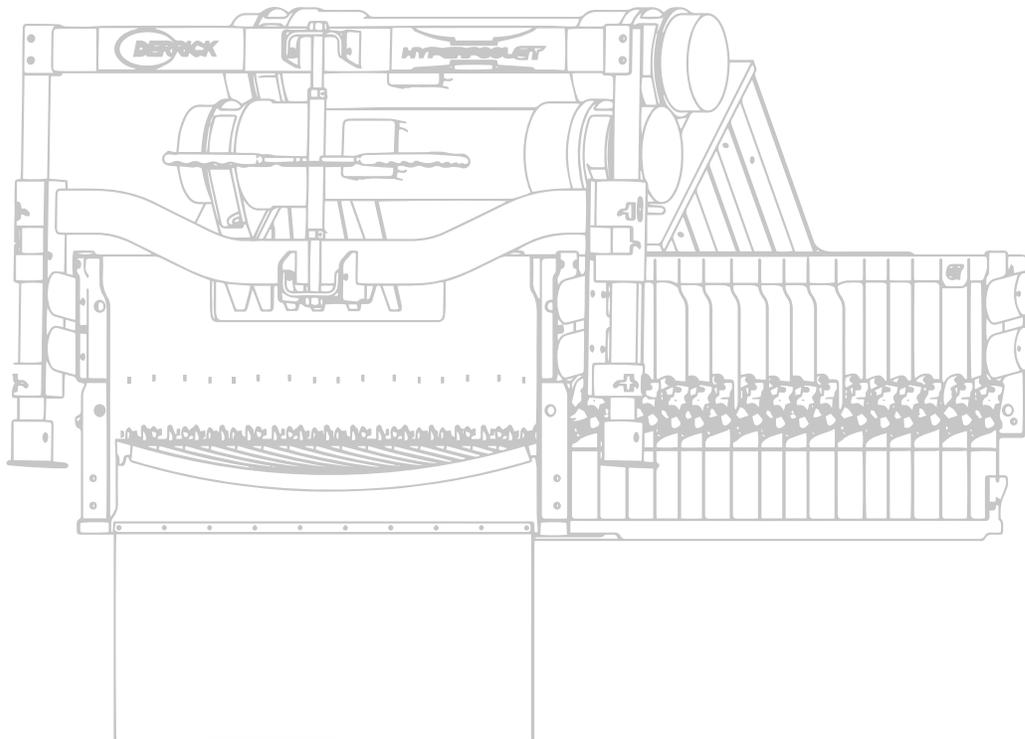
The profile of the nitrile-based rubber seal between the replaceable screen panels and the screen frame has been redesigned for faster removal and installation. This improvement is especially beneficial at the feed end and sides of the shaker bed, significantly reducing non-productive time (NPT) during maintenance. Additionally, the sides and feed areas of the shaker bed now feature removable stainless steel components, allowing for the replacement of bed material holders and further extending the equipment's service life.



# Weights & Dimensions

EQUIPMENT			DIMENSIONS				
MODEL	OPTIONS		WIDTH IN (MM)	LENGTH IN (MM)	HEIGHT IN (MM)	WEIR HEIGHT IN (MM)	WEIGHT LBS (KG)
Hyperpool GT	Weir Feeder	3/20 Cones	80 (2032)	123-15/16 (3149)	108-113/16" (2764)	36-3/4 (933)	8100 (3674)
		Without Cones	80 (2032)	123-1/16 (3126)	64-5/8 (1642)		4400 (1996)
	Box Feeder	3/20 Cones	59-5/8	106-1/2 (2705)	64-5/8 (1642)	37-5/8 (956)	8100 (3674)
		Without Cones	80 (2032)	96 (2438)	64-5/8 (1642)		4400 (1996)

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