

Tango 600HD2™ Mud Recycling System



Tango 600HD2-T

Tango 600HD2™

KEMTRON Technologies has become a leading manufacturer of effective mud recycling systems in North America. Designed for today's HDD drilling contractor with 80k to 150k pullback rigs in the trenchless, water-well, or geothermal industry. Capable of processing 600 gallons per minute (38 lps) of drilling fluid, the Tango unit is a high performing recycling system with a compact user-friendly design. Featuring an industry first touch screen control panel with Wi-Fi capabilities, the Tango 600HD2™ allows the operator to run the system from a smart phone, tablet or laptop. In addition, the Tango 600HD2™ features the new Hyper-G™ six-panel linear motion shaker with increased G-force output & single-point leveling jack, Firestone™ single-piece vibration isolation system, independent centrifugal pump pockets for direct maintenance access and eight 4" desilter hydrocyclone manifold capable of cleaning fluid down to 25 microns. Trailer mounted systems feature a heavy-duty dual-axel configuration and hydraulic leveling jacks for efficient unit placement at rig site. The Tango 600HD2™ tank has been significantly increased from 3,000 gallons to an impressive 4,000 gallon (15,141 liters) capacity with new fold out / walk up ladder and increased working deck space. Combine all this with a sound-attenuated 100kw generator package, the Tango 600HD2™ packaged mud recycling is the perfect solution for your solids control needs.

The Tango 600HD2™ System Features:

- 4,000 gallon (15,141 liters) two-compartment holding tank.
- Hyper-G Multifunctional Linear Motion Shaker with single point leveling jack
- Eight (8) 4" hydrocyclone desilters for secondary sand and silt removal.
- Mud hopper with venturi nozzle to provide shear energy in preparing new mud.
- Two 20 hp centrifugal pumps with mechanical seal for transfer operation and mud mixing. One 25 hp centrifugal pump with mechanical seal for desilter operation.
- Firestone™ Marsh Mellow shaker vibration isolation system.
- Built in power washer with 300 gallon water tank and 30 ft hose(optional).
- Touch Screen control panel with remote Wi-fi control capabilities (optional).
- Special features such as rear discharge chute, dump valves and drain troughs, allow for working in environmentally sensitive areas.
- 30,000 lbs rated heavy duty trailer with hydraulic leveling jack system.



Hyper-G Shaker

Six-panel, double deck, Hyper-G linear motion shaker with single point leveling jack



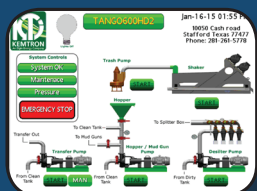
Pump Pockets

Pumps are recessed along the side of the tank for easy maintenance access.



Easy Access

Folding ladder system allows for easy access to top deck.



Wi-Fi Touch Screen

Wi-fi enabled touch screen control system allows the operator to run the system from a smart phone, tablet or laptop.





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Shale Shakers

EEG manufactures high-G linear & balanced elliptical motion shakers.



Modular Solids

Management Design

To maximize space, EEG's packaged treatment systems utilize mud cleaner technology to ensure a small footprint.



Decanter Centrifuge

Add a centrifuge to your solids control system for further removal of ultra-fine solids.



Complete Mud Management Systems

By integrating EEG's mud cleaners with our centrifuges and dewatering systems, we have the resources to provide you with a complete solution.



Model Number: Tango 600HD2-T

Equipment Image:



Description: Six Panel, Dual-Deck Linear Motion Shaker with Desilter Manifold

Screen Type: Pretensioned KPT-28 Series

Maximum G-Force: 7 G's

Centrifugal Pumps: 3 x 4 250 Series (2) 20 hp, (1) 25 hp

Vibratory Motors: (2) 2.4 hp (1.8 kW)

Number of Screen Panels: 6 Panels (3 on top & 3 on bottom)

Screen Surface Area: 56 sq. ft. (5.2 m²)

Maximum Flow Rate*: 600 gpm (37.8 lps)

Hydrocyclones: 8 qty 4" cones

Dimensions: 32' (9.7 m)L x 8' (2.4 m)W x 9.75' (2.9 m)H

Weight: 29,760 lbs (13,498 kg) (Trailer Unit with Genset)

Tank Capacity: 4,000 gallon (15,141 liters)

*Maximum flow rate is dependent on the number, and size of hydrocyclones used.



Tango 600HD2-T
Trailer Mount Design

Options (Upgrade Packages)

Add a Trailer Mounted System - Add a 30,000 lbs (13,607 kg) rated triple-axle trailer with hydraulic jacks.

Add a Generator Package - Add a 100 kW diesel generator to provide local electrical power for the shaker and all pumps with an on-board diesel tank. Sound attenuated generators also available.

Add a Trash Pump - Add a 500 gpm (31.5 lps), 10 hp, 4" submersible pump to the system for fluid collection from a pit to be pumped to the recycling system.

Explosion Proof Configuration - Add a NEMA 7 explosion proof control panel. Replace all vibrator and pump motors with explosion proof motors. Explosion proof generator packages not available.

High-G Motors - Upgrade shaker motors to a 2.5 hp High-G vibrator motor capable of achieving 7 G's of force.

Add a Winterization Package for harsh environmental conditions. KEMTRON Technologies has an in-house engineering department capable of customizing your system to meet any harsh weather needs.

Durable Value. Now.



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