

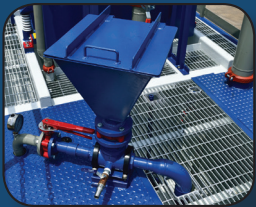


Tango 400HD2™ Mud Recycling System



Centrifugal Pumps

Inset pump pockets for direct access to each pump for ease of operation and maintenance.



Mud Hopper

3" solids hopper with Venturi nozzle.



Hydrocyclones

Six 4" or hydrocyclones for secondary sand and silt removal.



Linear Motion Shaker

Double-deck, four panel linear motion shaker with 2.0 hp vibrator motors.



Tango 400HD2™

KEMTRON's Tango 400HD2 Packaged Mud Recycling System comes standard with a dual-deck 4-panel linear motion shaker. Featuring (6) 4" hydrocyclones capable of providing 400 gpm of processing capacity. A Tier III 60KW diesel generator package, hydrocyclone discharge flow dividers, a personal restraint and deck access package, three dedicated centrifugal pumps, and a triple-axle trailer with a mechanical 4-point jacking system make this the perfect system for rigs smaller than 100,000-pound push/pull capacities.



Recently, KEMTRON has incorporated new independent pump pockets that allow for direct access to each pump for ease of operation and maintenance. With on-board lighting, four high-pressure mud guns, and a new retractable ladder, the Tango 400HD2 is the industry's most advanced mud system for its size.

The Tango 400HD2 shaker can be fitted with either hydraulic vibrator motors or electric, depending on the application. Upon request, the shaker can be fitted with two Hi-G 2.0HP (6.5 G') motors as an upgrade to the standard 1.5HP motors (5 G's). The 4-panel dual deck shaker provides a total of 40 sq. ft. of screen surface area.

With the Tango 400HD2's 2,350 gallon tank, this unit can process fluid handling up to 400 gpm with a maximum attainable solids control cut of 25 microns.

With all of these options, KEMTRON's Tango 400HD2 is an affordable, high performance mud recycling system that is capable of managing high flow rates while maintaining a compact footprint.

The Tango 400HD2™ System Features:

- 2,350 gallon (8,895 liters) two-compartment holding tank.
- Multifunctional Linear Motion Shaker with polyester powder-coated pretension screens. The bottom deck of the shaker acts as a primary scalper and the top deck as a mud cleaner – drying the fine particles from the desilter cones.
- Six (6) 4" hydrocyclone desilters for secondary sand and silt removal.
- Mud hopper with venturi nozzle to provide shear energy in preparing new mud.
- Two 15 hp centrifugal pumps with mechanical seal for transfer operation and mud mixing. One 20 hp centrifugal pump with mechanical seal for desilter operation.
- Weatherproof NEMA 4X control panel and optional generator packages.
- Special features such as side discharge chute, dump valves and drain troughs, allow for working in environmentally sensitive areas.
- HMI Touch Screen control panel with remote Wi-fi operation capabilities (optional).



Tango 400HD2™ Mud Recycling System



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 400HD2-T

Equipment Image:



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

Screen Type: Pretensioned KPT-28 Series

Maximum G-Force: 5 G's

Centrifugal Pumps: 3 x 2 250 Series
(2) 15 hp, (1) 20 hp

Vibratory Motors: (2) 2.0 hp (1.5 kW)

Number of Screen Panels: 4 Panels
(2 on top & 2 on bottom)

Screen Surface Area: 38 sq. ft. (3.5 m²)

Maximum Flow Rate*: 400 gpm (25.0 lps)

Hydrocyclones: 6 qty 4" (9.6 cm) cones

Dimensions: 25.1' (7.6 m)L x 8.25' (2.51 m)W x 12.3' (3.7 m)H

Weight: 20,620 lbs (9,353 kg)
(Trailer Uni with Genset)

Tank Capacity: 2,350 gallon (8,895 liters)



Tango 400HD2
Trailer Mount Design

Options (Upgrade Packages)

Touch Screen Control Panel - Add a HMI touch screen interface with remote Wi-Fi technology for system operation.

Add a Trailer Mounted System - Add a 21,000 lbs (13,607 kg) rated triple-axle trailer.

Add a Generator Package - Add a 60 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.

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.

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

Durable Value. Now.



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