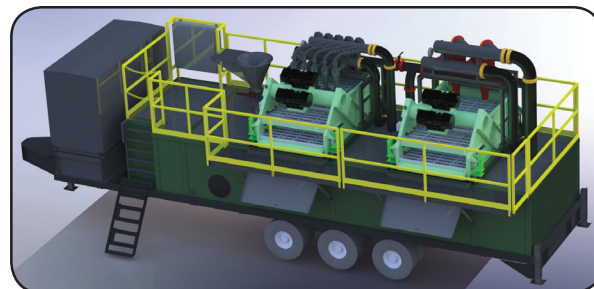




Tango 800HD2™ Mud Recycling System

Tango 800HD2™

The TANGO 800HD2 features two double deck Hyper G shakers, with (2) 12" 500 gpm desanders and a (10) 5" 80 gpm desilters; all on top of a 5,000 gallon (18,928 liters) tank, split between three compartments. Each compartment includes its own clean-out and includes mud guns to ensure constant agitation. The unit includes three on-board, Series 250 40HP centrifugal pump packages and a venturi hopper. A centralized operator's panel includes controls for all of the Tango 800HD2's systems, including operation of the remote trash pump.



The pumps each perform independent functions; desilter, desander, hopper/mixing, and transfer. Valves will be provided in the cone overflows to allow quick and easy sampling but a sampling hatch will also be provided in the clean tank for more traditional sampling techniques.

The TANGO 800HD2 carries an industry-leading 112 ft² of screening area. KEMTRON's Tango 800HD2 is provided as skid-mounted system, but can be mounted on a pintle-hook trailer with integrated generator package, upon customer request.

KEMTRON's Hyper-G™ shaker provides power, performance and a new standard in practical design. Capable of producing up to 7.5 G's of force and when coupled with an optional variable frequency drive, the Hyper G™ provide power when you need it. By adding a single point jacking system and improved screen fastening system, you now have a shaker that is as easy to operate, as it is powerful.

The Tango 800HD2™ System Features:

- 5,000 gallon (18,927 liters) two-compartment holding tank.
- High -"G" Multifunctional Linear Motion Shaker with polyester powder-coated pretensioned 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.
- Ten (10) 5" hydrocyclone desilters for final stage sand and silt removal.
- Two (2) 12" hydrocyclone desanders for second stage sand and silt removal.
- Mud hopper with venturi nozzle to provide shear energy in preparing new mud.
- Three 40 hp centrifugal pumps with mechanical seal for desilter, desander, and transfer operation / mud mixing.
- Weatherproof NEMA 4X control panel and optional generator packages.
- Isolation valves on desilter manifold with screen savers for easy cone replacement and improved screen life.
- HMI touch screen control panel interface with high / low level tank sensors (optional).



Centrifugal Pumps

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



Mud Hopper

6" Hopper with venturi nozzle and table makes chemical loading safe and efficient.



Desanders

Two 12" desander hydrocyclones for second stage sand and silt removal.



Desilters

Ten 5" desilter hydrocyclones with isolation valves for final stage sand and silt removal.





Tango 800HD2™ Mud Recycling System



Shale Shakers

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



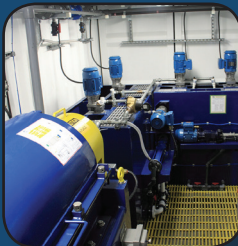
Modular Solids Management Design

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 800HD2

Equipment Image:



Screen Type:

Pretensioned
KPT-28 Series

Maximum
G-Force:

6 G's

Centrifugal
Pumps:

3 x 4 250 Series
40 hp Motors

Vibratory
Motors:

(2) 2.4 hp (1.8 KW) per shaker

Number of
Screen Panels:

Two shakers each with 6 panels
(3 on top & 3 on bottom)

Screen Surface
Area:

56 sq. ft. (5.2 m2) per shaker

Maximum
Flow Rate*:

800 gpm (50 lps) to
1,000 gpm (63 lps)

Hydrocyclone
Desilters:

2 qty 12" (2.8 cm) cones
(standard)

Hydrocyclone
Desilters:

10 qty 5" (12.7 cm) cones
(standard)

Unit Dimensions**:

36.5' (11.1 m)L x 8.25' (2.51 m)W
x 13.5' (4.1 m)H

Weight:

35,000 lbs (15,875 kg)
(Trailer Unit with Genset)

Tank Capacity:

5,000 gallon (18,927 liters)



Tango 800HD2
Trailer Mounted Design

Options (Upgrade Packages)

Add a Trailer Mounted System - Add a 36,000 lbs (13,607 kg) rated triple-axle trailer.

Add a Generator Package - Add a Tier III 150 kW diesel generator to provide local electrical power for the shaker and all pumps with an extended service diesel tank. Sound attenuated generators also available.

Add a Trash Pump - Add a 800 gpm (50.5 lps), 15 hp, 4" submersible pump to the system for fluid collection from a pit to be pumped to the recycling system.

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.

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

** Dimensions stated are transport size with folding catwalk.

Durable Value. Now.



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