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Tango 100HD2™ Mud Recycling System



Vibrator Motors

Fitted with two 0.67 HP synchronized linear motion vibrator motors.



Self-Priming Pumps

Fitted with (2) Self-priming closed-coupled 3 x 2 pumps.



Hydrocyclones

Two 4" hydro-cyclones, with screen savers and valve isolation.



Control Panel

Fully integrated controls capable of operating a remote trash pump.



Tango 100HD2™

The Tango 100HD2 mud recycling and mixing unit was designed to provide an economical alternative to traditional mud mixing and vacuum trucks. Environmental pressures, dumping costs and down time while waiting on fresh water or vacuum truck turnaround, have made the Tango 100HD2 an invaluable asset.

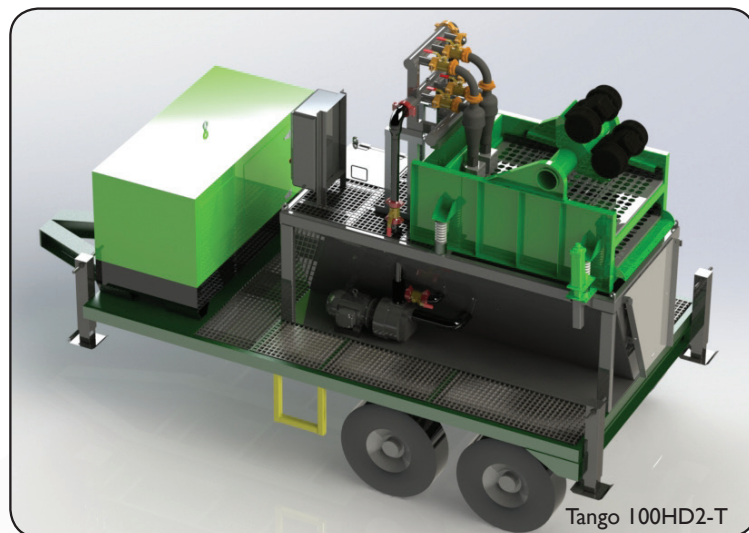
Fluid from the pit is pumped with a trash pump directly to the bottom deck of the double deck shaker. The solids are discarded off the rear and the fluid goes into the first compartment of the tank. The desilter pump pumps the fluid from the tank to the two 4" hydrocyclones.

The desilter underflow goes over the top deck of the shaker where the solids are discarded off the rear and fluid is collected in first compartment of the tank. The clean fluid (overflow) goes into the second compartment of the tank. The transfer pump pumps the fluid from the second compartment to the rig pump.

All pumps and the shaker have manual start and stop buttons on the control panel. The mud gun operates from the desilter pump. The Tango 100HD2 comes standard with a 500 gallon (1,880 liters) tank and allows rig operators to prepare up to 500 gallons of mud.

Tango 100HD2™ Features

- 65 to 130 gpm (4.1 to 8.0 lps) flow capacity.
- 500 gallon (1,880 liters) tank capacity.
- Two (2) 4" desilter hydrocyclone manifold for secondary sand and silt removal with dedicated isolation valves.
- Remote control pendant with 100 foot (30 meter) cable for rig operator control of trash pump and transfer operation.
- Two 7.5 hp self-priming pumps for mud gun/hopper, desilter and transfer operation.
- Low level tank sensor to protect pumps from running dry (option upgrade).
- Special features such as rear discharge, chute, dump valves and drain troughs, allow for working in environmentally sensitive areas.



Tango 100HD2-T



Tango 100HD2™ 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 100HD2

Equipment Image:



Description:

Two Panel, Dual-Deck, Multi-Functional Linear Motion Shaker with Desilter Manifold

Screen Type:

Pretensioned KPT-33 Series

Maximum G-Force:

4 G's

Centrifugal Pumps:

Self-priming, closed coupled (2) 7.5 hp

Vibratory Motors:

(2) 0.67 hp

Number of Screen Panels:

2 Panels

Screen Surface Area:

22 sq. ft. (2.0 m²)

Maximum Flow Rate:*

130 gpm (8.0 lps)

Hydrocyclones:

2 qty 4" cones

Dimensions:

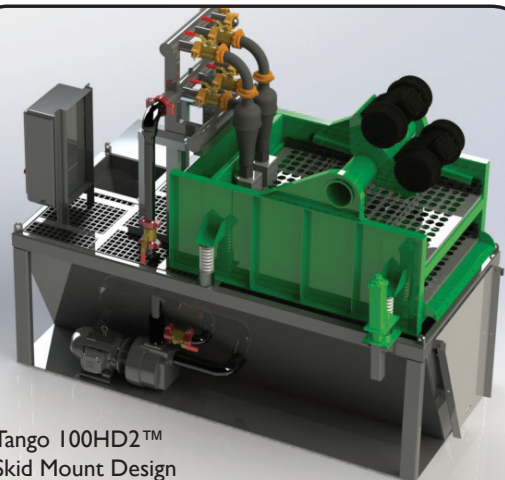
2.7 m (107")L x 1.1 m (45")W x 2.3 m (89")H

Weight:**

4,500 lbs (2,041 kg)
Skid mounted unit

Tank Capacity:

500 gallon (1,880 liters)



Tango 100HD2™
Skid Mount Design

Options (Upgrade Packages)

Add high and low level alarm sensors - provides audible indications of when tank levels are too high or too low relative to tank volume or pump suction.

Add a 'car hauler' trailer - add a 6,000 lb rated trailer capable of being pulled by a standard pick-up truck hitch.

Trash pump (180 gpm) - Add a 5 hp trash pump to the system to collect fluids from a pit to be pumped to the recycling system.

Hydraulic system conversion with a hydraulic power unit with an ability to provide 40-gpm of hydraulic capacity at 2,000 psi - Provides for local hydraulic power for the shaker, trash pump and all pumps with an on-board diesel tank. All vibrator and pump motors will be converted to hydraulic.

Add a Tier III 20 kW diesel generator package - Provides for local electrical power for the shaker and all pumps with an on-board diesel tank.

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

**Listed weight does not include trailer and genset package.

Durable Value. Now.



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