

# Tango 500HD2™ Fluid Recycling System



## Hyper-G™ Shaker

Six-panel, dual-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.



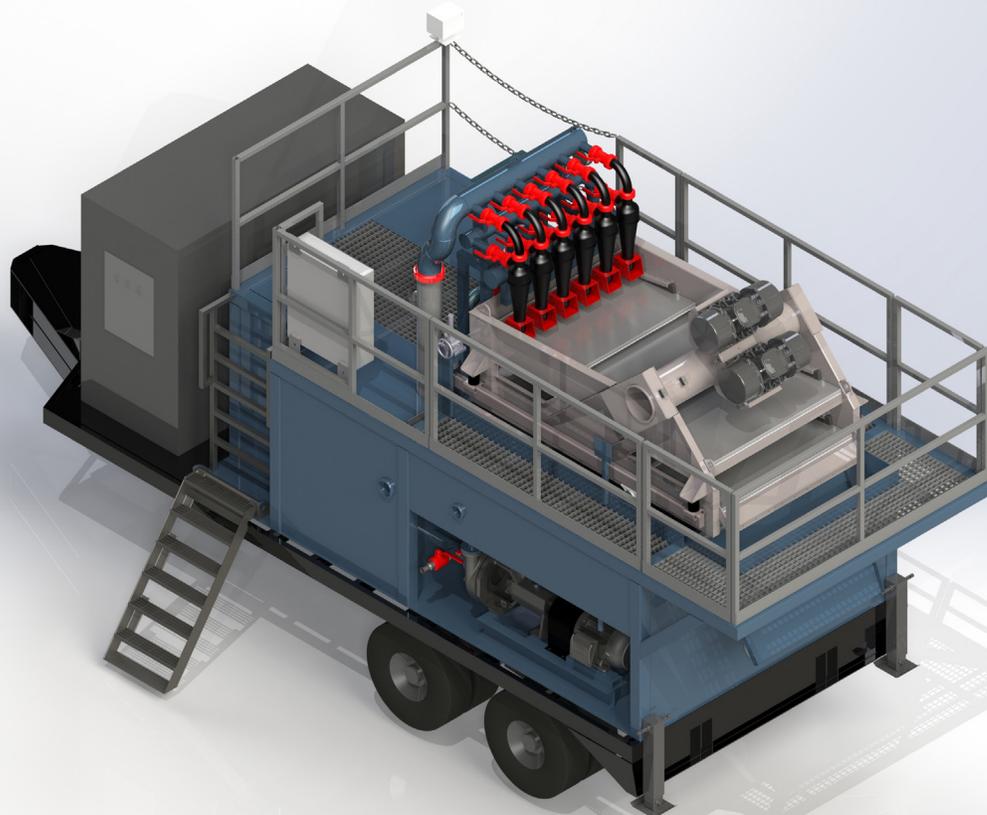
## Easy Access

Folding ladder system allows for easy access to top deck.



## Efficient Cleaning

Desilter hydrocyclones with screen saver connections maximize screen life during operation.



## Tango 500HD2™

Over 15 years ago, Elgin Separation Solutions introduced the most effective packaged mud recycling system to the Horizontal Directional Drilling industry. The Tango 500 series reclaimer quickly became the industry standard for operators with Midi-Class pullback rigs. As we continued to grow, our recycling systems, ranging from 100 gpm up to 1500 gpm, set the pace for the competition to follow. New for 2017, Elgin proudly brings back the system that started it all.

The Tango 500HD2 embodies all the features Elgin reclaimers are known for. Our approach is simple. To create the most effective system on the market while keeping the operator in mind. Capable of processing 500 gallons per minute (32 lps) of drilling fluid, the Tango 500HD2 unit is a high performing recycling system with a compact user-friendly design that is 15% lighter in weight than previous versions. With a total tank capacity of 2,900 gallons, independent 3 x 2 centrifugal pumps, 6-panel linear motion Hyper-G™ shaker, single-point leveling jack design, Firestone™ Marsh Mellow single-piece vibration isolation system, and six 5" desilter hydrocyclone manifold capable of cleaning fluid down to 30 microns, the Tango 500HD2 is built to last and perform.

Trailer mounted systems feature a heavy-duty dual-axel configuration, for efficient unit placement at the job site, with new fold out / walk up ladder and increased working deck space. Combine all this with a cost saving, low fuel consuming, 60kw generator package, the Tango 500HD2™ packaged fluid reclaimer the perfect solution for your solids control needs.

[www.ElginSeparationSolutions.com](http://www.ElginSeparationSolutions.com)



# ELGIN

SEPARATION SOLUTIONS

# Tango 500HD2™ Fluid Recycling System



### Shale Shakers

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



### Modular Solids Management Design

To maximize space, Elgin's packaged treatment systems utilize hydrocyclone technology to ensure a small footprint.



### Decanter Centrifuge

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



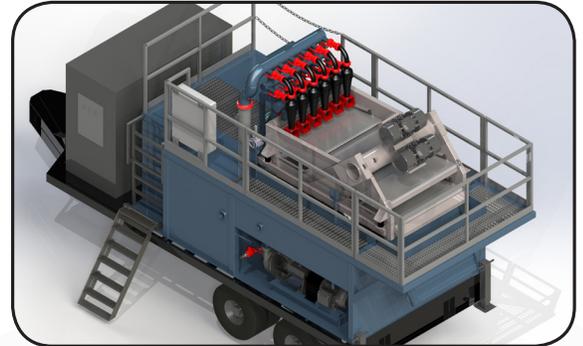
### Complete Fluid Management Systems

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



|                                 |  |
|---------------------------------|--|
| <b>Model Number:</b>            | <b>Tango 500HD2-T</b>  |
| <b>Equipment Image:</b>         |  |
| <b>Description:</b>             | Six Panel, Dual-Deck Linear Motion Shaker with Desilter Manifold |
| <b>Screen Type:</b>             | Pretensioned KPT-28 Series                                       |
| <b>Maximum G-Force:</b>         | 7 G's  |
| <b>Centrifugal Pumps:</b>       | 3 x 2 250 Series<br>(2) 15 hp, (1) 20 hp                         |
| <b>Vibratory Motors:</b>        | (2) 2.4 hp (1.8 kW)  |
| <b>Number of Screen Panels:</b> | 6 Panels<br>(3 on top & 3 on bottom)                             |
| <b>Screen Surface Area:</b>     | 56 sq. ft. (5.2 m2)  |
| <b>Maximum Flow Rate*:</b>      | 500 gpm (32 lps)   |
| <b>Hydrocyclones:</b>           | 6 qty 5" cones   |
| <b>Dimensions:</b>              | 26' (8 m)L x 8.5' (2.6 m)W x 13' (4 m)H                          |
| <b>Weight:</b>                  | 21,500 lbs (9,752 kg)<br>(Trailer Unit with Genset)              |
| <b>Tank Capacity:</b>           | 2,900 gallon (11,000 liters)                                     |

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



### Options (Upgrade Packages)

**Add a Trailer Mounted System** - Add a 24,000 lbs (10,886 kg) rated triple-axel trailer with jacks.

**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 Submersible Feed Pump** - Add a 500 gpm (31.5 lps), 10 hp, submersible feed pump to the system to deliver fluid 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.

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