

Apollo-Elgin Separation Solutions pioneered the packaged mud recycling system decades ago. Operators quickly came to know these systems as durable, long-lasting, with high-quality sophistication and maximum performance. Today, We deliver turn-key solutions that solve challenging real-world problems. This is where our team shines and what sets us apart from the competition.

The Apollo-Elgin MT600HD2-S is ideal for today's contractors looking to process up to 600 gallons per minute (38 lps) in a compact, user-friendly design..

Traditional systems offer a single pass cleaning process leading to poor separation of solids with high sand content. The Apollo-Elgin MT600HD2-S features a multi-pass configuration, allowing each cut to be returned to the primary tank for continuous recirculation. This feature maximizes the shaker and hydrocyclone cleaning performance.

Featuring class leading 250 series centrifugal pumps to maximize pressures needed that ensures proper mixing, optimum hydrocyclone performance, reduced hopper clogging, and adequate transfer pressure back to drilling rig. Apollo Elgin Hyper-G shaker is designed with a high efficiency vibrator motors that imparts G-force dynamics for maximum conveyance and solids cut of fluid across the screening area. Combined with a 4" integrated mud hopper with fold-out table, 4,500 gallon (17,034 ltrs) tank hydrocyclone isolation valves and high pressure mud guns makes the Apollo-Elgin MT600HD2-S packaged fluid reclaimer the perfect solution for your solids control needs.

**Apollo-Elgin Packaged  
Fluid Recycling Systems  
Save Time, Money,  
and the Environment.**



### MT600HD2-S Benefits;

- Multi-pass cleaning system maximizes shaker and hydrocyclone performance
- Largest screen surface area, 57 sq. ft. (5.3 m2), outperforms competitors in sand and silt re-moval.
- Dedicated hydrocyclone isolation valves ensures optimum performance and ease of maintenance.
- Most efficient tank agitation per unit volume of mud ensures complete mixing performance.
- Dedicated centrifugal pumps, inset on the side of the tank for easy maintenance, provide independent transfer, mud circulation/hopper, and desilter operations.
- Elgin's tanks are fully lined with a two-coat zinc rich industrial grade coating to maximize tank life and reduce the effects associated with the circulation of abrasive/erosive solids to extend equipment life.

**Designed in the United States. Now Manufactured in India**



Natural Resource Recycling • Product Classification  
Dewatering • Fluid Recovery • Waste Management  
Material Handling • Liquid/Solid Separation



**Hyper-G Shaker**  
Six-panel, dual-deck, Hyper-GTM linear motion shaker with 2.5 High-G motors.



**Centrifugal Pumps**  
Inset pump pockets with direct access to each pump for ease of operation and maintenance.



**Hydroclones**  
Eight (8) 4" hydroclone desilter manifold with isolation valves.



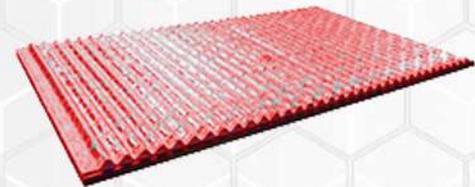
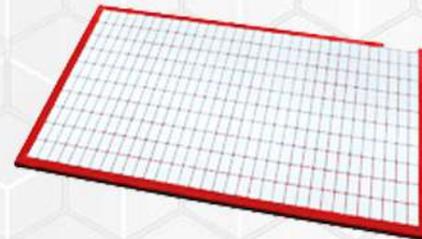
**Additives Hopper**  
4" mud hopper with venturi nozzle and fold out table for efficient mixing of additives back into the drilling fluid.

<b>Model Number:</b>	<b>MT600HD2-S</b>
<b>Description:</b>	Six-Panel, Dual-Deck Multi-Functional Linear Motion Shaker with Desilter Manifold
<b>Screen Type:</b>	KPT-28 Composite
<b>Maximum G-Force:</b>	5> G's
<b>Centrifugal Pumps:</b>	Three (3) 250-Series (1) 20 hp, (1) 25 hp & (1) 30 hp
<b>Vibratory Motors:</b>	Two (2) 2.5 hp (1.8 kW)
<b>Number of Screen Panels:</b>	Six (6) Panels
<b>Screen Surface Area:</b>	57 sq. ft. (5.3 m2)
<b>Hydraulic Capacity*:</b>	600 gpm (37.8 lps)
<b>Hydrocyclones:</b>	Eight (8) 4" Desilter Cones
<b>Dimensions**:</b>	22' (6.7 m)L x 7.8' (2.4 m)W x 9.8' (3.0 m)H
<b>Weight:</b>	19,841 lbs (9,000 kgs)
<b>Tank Capacity:</b>	4,500 gallon (17,034 liters)

\*Maximum flow rate is dependent on the number and size of hydrocyclones used, solids concentration, fluid viscosity, & shaker settings.

\*\* Dimensions stated are transport size with folding catwalk.

Options (Upgrade Packages)
Ceramic 4" Desilter Hydrocyclones - Add ceramic inserts to cones for improved life and performance.
High / Low Level Tank Sensors - Provides transfer pump automatic control when tank levels are too high or too low relative to tank volume or pump suction.
Submersible Feed Pump - Add a 400 gpm (31.5 lps) 5 hp feed pump for efficient transfer of fluid to the system.



Apollo-Elgin composite flat panel and wave shaker screens, which are lighter and longer lasting, provides for a more consistent cleaning performance.