

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 300HD2-S is ideal for today's contractors looking to process up to 300 gpm (19 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 300HD2-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 3" integrated mud hopper with venturi nozzle, 2,150 gallon (8,138 liters) tank and hydrocyclone isolation valves makes the Apollo-Elgin 300HD2-S packaged fluid reclaimer the perfect solution for your solids control needs.

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



### MT300HD2-S Benefits;

- Multi-pass cleaning system maximizes shaker and hydrocyclone performance.
- Largest screen surface area, 38 sq. ft., outperforms competitors, in its class, in sand and silt removal.
- 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 guns/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.
- Custom configurations in tank capacity, trailer/skid design, and number of hydrocyclones, sets Apollo-Elgin apart in meeting its customers needs.

Designed in the United States. Now Manufactured in India



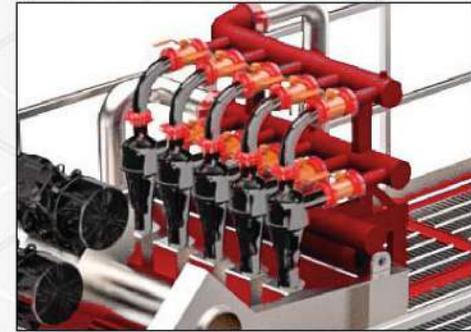
Natural Resource Recycling • Product Classification  
Dewatering • Fluid Recovery • Waste Management  
Material Handling • Liquid/Solid Separation



**Centrifugal Pumps**  
Three (3) dedicated centrifugal pumps for mud guns, desilter and transfer operations



**Mud Hopper**  
3" Hopper with venturi nozzle and foldout table makes chemical loading safe and efficient.



**Hydrocyclones**  
Five (5) 4" desilter hydrocyclones with isolation valves for second stage sand and silt removal.

Model Number:	APOLLO MT300HD2-S
<b>Description:</b>	Four-Panel, Dual-Deck Multi-Functional Linear Motion Shaker with Desilter Manifold
<b>Screen Type:</b>	KPT-28 Composite
<b>Maximum G-Force:</b>	4 G's
<b>Centrifugal Pumps:</b>	Three (3) 250 Series: Two (2) 15 hp & One (1) 20 hp
<b>Vibratory Motors:</b>	Two (2) 1.5 hp (1.1 kW)
<b>Number of Screen Panels:</b>	Four (4) Panels
<b>Screen Surface Area:</b>	38 sq. ft. (3.5 m <sup>2</sup> )
<b>Maximum Flow Rate*:</b>	300 gpm (19 lps)
<b>Hydrocyclones:</b>	Five (5) 4" Desilter Cones
<b>Dimensions**:</b>	18' (5.5 m)L x 8.5' (2.6 m)W x 19.1' (5.8 m)H
<b>Weight:</b>	12,345 lbs (5,600 kgs)
<b>Tank Capacity:</b>	2,150 gallons (8,138 liters)

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

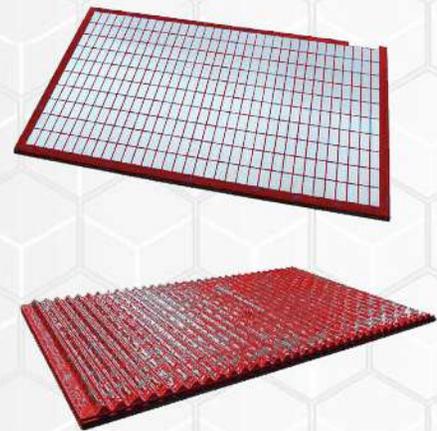
\*\* Dimensions stated are transport size with folding catwalk.

### 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 automation control when tank levels are too high or too low relative to tank volume or pump suction.

**Submersible 'Trash' Pump** - Add a 180 gpm (11.4 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.