

Although the use of drilling fluids within the HDD/trenchless industry is still relatively new, recent trends suggest that this standard is shifting rapidly as solids control is one of the most important phases in the drilling process. This shift is largely due to a growing awareness that drilling fluid maintenance and disposal can become exponential problems, as they are both harmful to the environment and extremely costly. With the correct solids control system, fluid life can be doubled, if not tripled. Since whole mud dumping and dilution are unacceptable from both a cost and environmental standpoint, effective solids control equipment has become an increasingly important aspect in any drilling process.

With 25 years of experience, **Elgin Separation Solutions** is the leading provider of packaged solids control systems. Quality, dependability, and durability have been principles that our company was founded upon. KEMTRON was the first mobile solids control supplier to obtain ISO

9001 certification for the Houston-based manufacture of its packaged mud recycling systems.

Elgin's systems provide superior cleaning capabilities and surpass the competition with numerous advantages. All units feature a double deck, linear motion shaker, which allows each cut to be returned to the prior tank until the overflow weir system forces the flow into the next cleaning stage. This provides for continuous recirculation within the cleaning system to maximize shaker and hydrocyclone performance. In addition, our shakers utilize a dual deck scalping design to ensure that the first cut achieves maximum flow rate management. This reduces the burden on the hydrocyclone system and provides for maximum cut performance and fluid recycling. Fluid tanks are painted with a marine grade phenolic paint to resist corrosion and rust.

Screen performance is vital to any cleaning system's success. KEMTRON manufactures its screens to achieve maximum performance and long life during the bore length.



Screening surface area is the key to effective solids control. With the most screening capacity in the market, Elgin's line of Tango units can outperform its competitors in sand and silt removal. Screens are manufactured by Elgin and meet API13C RP standards in cut point and conductance performance. Furthermore, Elgin also offers a wide variety of screens to fit competitor shakers.

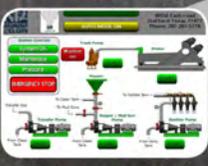
When it comes to ease of opera-

tion, Elgin designs its systems with today's operator in mind. Units include fully integrated controls with a remote pendant for trash and transfer pump operation, quick connect flanges, as well as polymeric split pump couplings for easy maintenance. Elgin units can be operated with one operator rather than a full team. Learn more about why Elgin is the industry leading supplier for packaged mud recycling systems today.

# Redesigned From The Ground Up



**ELGIN**  
SEPARATION SOLUTIONS

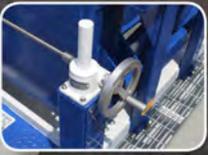


HMI touch screen control panel with remote Wi-Fi access allows operator to control the Tango 600HD2 from iPhone™, iPad™ or laptop.



Easy access controls for hydraulic trailer jacking system.





Adjustable while drilling single-point shaker leveling jack system.



High / low level tank sensors alert operator during operation for maximum performance.

## The New Tango 600HD2

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

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