As a full-service organization, we are able to tackle both the small and the big projects, regardless of location.
Founded in 1990, we have become the industry leader in reliable, durable and fully integrated solids management systems for the foundation drilling, pipeline, geothermal, and waterwell Industry.
KEMTRON 100HD2
Packaged Fluid Reclamation System for Small Rigs

The KEMTRON 100 is an excellent fit for small volume fluid systems where space constraints exist. Available in both skid-mounted and trailer-mounted configurations.

- Fitted with two 0.67 HP synchronized linear motion vibrator motors.
- Utilizes a dual deck system with \(22 \text{ ft}^2 (2 \text{ m}^2)\) of screening surface area.
- Fitted with (2) Self-priming closed-coupled 3 x 2 pumps.
- Two 4” hydrocyclones, with screen savers and valve isolation.
- Fully integrated controls capable of operating a remote trash pump.
- 500 gallon partitioned tank with integrated fluid mixing hopper.
Fitted with two 0.67 HP synchronized linear motion vibrator motors.

Utilizes a dual deck system with 22 ft$^2$ (2 m$^2$) of screening surface area.

Fitted with (2) 10 HP 2x3 118 Series self-priming closed-coupled pumps.

Three 4” hydrocyclones, with screen savers and valve isolation.

Fully integrated controls capable of operating a remote trash pump.

900 gallon partitioned tank with integrated venturi mixing hopper.

The KEMTRON 200 is an excellent fit for small volume fluid systems where space constraints exist. Available in both skid-mounted and trailer-mounted configurations.
KEMTRON 100 and 200 Options
Packaged Mud Reclamation System for Small Rigs

Custom Colors and Branding
Full branding customization, inclusive of custom paint and custom decals, is available. Simply provide your RAL color codes and decals.

Trailer Mounted Options
The KEMTRON 200 is perfectly fit for a dual-axel 12,000 pound car trailer with pintle hook hitch. The trailer provides sufficient room for a generator.

On-Board Generator
On-Board premium 20KW generator package provides power to the entire mud management package, including the submersible trash pump for up to 16 hours.

Hydraulically Operated System
The KEMTRON 200 can be provided as fully hydraulic with onboard engine, hydraulic reservoir tank, cooling system, hydraulic motors, and hydraulic controls.

Smart Panel Control System
Built-in Wi-Fi networking capabilities allow for remote operation from any smart phone, tablet or laptop.

Additional options included ceramic inserts for extended hydrocyclone life, sound attenuate generators and tank level sensors.
KEMTRON 400HD2
Packaged Mud Reclamation System for Small and Medium Rigs

Fitted with two 1.5 HP (2.0HP with upgrade) linear motion vibrator motors.

Utilizes a dual deck system with 38 ft\(^2\) (3.5 m\(^2\)) of screening surface area.

Fitted with (3) independent 15/15/20 HP 2x3 250 Series Pedestal Pumps.

Six 4” hydro-cyclones, with screen savers and valve isolation.

Fully integrated controls capable of operating a remote trash pump.

1,800 gallon partitioned tank with venturi mixing hopper.

The KEMTRON 400HD2 is an excellent fit for small & medium volume fluid systems where a compact, yet fully complete mud reclamation package is required.
KEMTRON 400HD2 Options
Packaged Mud Reclamation System for Small and Medium Rigs

Additional options include ceramic inserts for extended hydrocyclone life, sound attenuate generators and tank level sensors.

Custom Colors and Branding
Full branding customization, inclusive of custom paint and custom decals, is available. Simply provide your RAL color codes and decals.

Trailer Mounted Options
The KEMTRON 400 is perfectly fit for a dual-axel 20,000 pound car trailer with pintle hook hitch. The trailer provides sufficient room for a generator.

On-Board Generator
On-Board premium 60KW generator package provides power to the entire mud management package, including the submersible trash pump for up to 20 hours.

Hydraulically Operated System
The KEMTRON 400 can be provided as fully hydraulic with onboard engine, hydraulic reservoir tank, cooling system, hydraulic motors, and hydraulic controls.

Optional HMI Touch-Screen
The KEMTRON 400 can be provided an optional local Wi-Fi networked remote control system with HMI touch-screen interface.
KEMTRON 600HD2
Packaged Mud Reclamation System for Medium Rigs

Our most popular packaged fluid reclamation system has been used on thousands of job sites over the last decade.

Fitted with two 2.4 HP (2.5HP with upgrade) synchronized linear motion vibrator motors.

6-Panel Dual Deck Linear Motion Shaker with 56 ft² (5.2m²) of total screening surface area.

Fitted with (3) independent 20/20/25 HP 3x4 250 Series Pedestal Pumps.

Eight 4” hydrocyclones, with screen savers and valve isolation.

Optional HMI touch screen control panel with local wifi accessible network.

Valve-isolated venturi mixing hopper with fold-out table.
KEMTRON 600 Options
Packaged Mud Reclamation System for Medium Rigs

**Custom Colors and Branding**
Full branding customization, inclusive of custom paint and custom decals, is available. Simply provide your RAL color codes and decals.

**Winterization Packages**
The KEMTRON 600 can be fitted with a complement of winterization packages including, emersion heaters, convective heat ports, pump cabin enclosures and working deck enclosures.

**Generator Packages**
On-Board 100KW generator package (sound-attenuated versions available) provides power to the entire mud management package, including the submersible trash pump for up to 14 hours.

**Hydraulic Jacking System**
The KEMTRON 600HD2 can be provided with four fully hydraulically operated jacks with a central operating console.

**Integrated Pressure Washer**
Fully integrated within the tank structure, this high pressure washer will keep screens from blinding and allow for rig clean-up at the end of the job.

Additional options include ceramic inserts for extended hydro-cyclone life, tank level sensors, air-break trailers, and goose-neck trailers.
KEMTRON 600 Centrifuge Options
Maximum Solids Control Through Centrifuge Technology

All Elgin fluid systems can be fully integrated with our proprietary line of high-speed decanter centrifuges to maximize drilling fluid life.
KEMTRON 800HD2
Packaged Mud Reclamation System for Medium and Large Rigs

Fitted with (2) 2.4HP or 2.5HP Hi-G linear motion vibrator motors.

Dual 6-Panel Dual-Deck Linear Motion Shakers with 112 ft² (10.4m²) of surface area.

Fitted with (3) independent 40/40/40 HP 6x5 250 Series centrifugal pumps.

Includes two desanders (12") and ten desilters (5"), screen savers & valve isolation.

Fully integrated controls with onboard Wi-Fi networking system.

4,500 gallon, triple axle mounted tank with venturi mixing hopper.

The KEMTRON 800HD2 provides great flexibility to support both medium and large rigs given its size and hydraulic capacity.
KEMTRON 800 Options
Packaged Mud Reclamation System for Midi and Maxi-Class Rigs

Other available options include, tank level sensors, air-break trailers, and goose-neck trailers.

**Custom Colors and Branding**
Elgin can provide full branding customization, inclusive of custom paint and custom decals. Simply provide your RAL color codes and decals.

**Winterization Packages**
The KEMTRON 800 can be fitted with a complement of winterization packages including, emersion heaters, convective heat ports, pump cabin enclosures and working deck enclosures.

**Generator Packages**
On-Board 150KW generator package (sound-attenuated versions available) provides power to the entire mud management package, including the submersible trash pump for up to 14 hours.

**Hydraulic Jacking System**
Fully convert the KEMTRON 800 trailer to a fully hydraulically operated jacking system. Dual axel 40,000 pound trailers are available.

**Integrated Pressure Washer**
Fully integrated within the tank structure, this high pressure washer will keep screens from blinding and allow for rig clean-up at the end of the job.
The KEMTRON 800C Provides Up To 1,000 gpm of Cleaning Capacity.

- **KEMTRON 800C**
  Containerized, Field-Erected Mud Systems for Maximum Fluid Volume

- Includes a bank of (12) 5” hydrocyclones, with screen savers and valve isolation.

- Dual 6-Panel Dual Deck Linear Motion Shakers with **112 ft² (10.4m²)** of total screening surface area.

- Dual man-holes for complete internal access to all internal systems.

- Includes a bank of (2) 12” hydrocyclones, with screen savers.

- Fitted with (3) recessed independent 40/40/40 HP 6x5 250 Series centrifugal pumps.

- 4,500 gallon, triple partitioned tank constructed from a 20’ CSC Certified Shipping Container.
Our most advanced fluid reclaimer is fully customizable and capable of managing a variety of construction and drilling fluids.
Our KEMTRON 1500 is integrated with a dual-axel 80,000 lb., dual-axel, rock-over trailer. Triple-axel trailers are available upon request.
KEMTRON 1500 Options
Packaged Mud Reclamation System for Maxi-Class Rigs

Other available options include, tank level sensors, triple-axel trailers, integrated dewatering systems, and integrated triplex pump packages.

250 to 300KW Generators
On-Board 250KW generator package (sound-attenuated versions available) provides power to the entire mud management package, including the submersible trash pump for up to 17 hours.

Winterization Packages
The KEMTRON 1500 can be fitted with a complement of winterization packages including, emersion heaters, convective heat ports, pump cabin enclosures and working deck enclosures.

ESS-1450 SL Centrifuge
The KEMTRON 1500TDS, fully integrates an ESS-1448SL centrifuge directly within the footprint of upper deck. Includes feed pump and VFD HMI touch-screen interface.

Dual Motion, Multi-G Shakers
The KEMTRON 1500 can be fully fitted with dual motion, multi-G and/or high-G shaker motors to maximize shaker performance.

Integrated Pressure Washer
Fully integrated within the tank structure, this high pressure washer will keep screens from blinding and allow for rig clean-up at the end of the job.
Elgin’s Smart Panel Control System provides for the lowest cost operator oversight of any reclaimer in the industry.

- Elgin’s Proprietary Smart Panel Allows Operators to Run and Monitor the Reclaimer from a Smart Phone, Tablet or Laptop.
- Comes integrated with Operation Data Logging for Performance Monitoring and Failure Tracking.
- Desilter and Hopper Pressure Monitoring to Ensure Optimum Drilling Fluid Conditions
- Tank Fluid Level Indicators and Alarms.
- Automated Pump Operation with Interlocks.
- Audible and Visual Alarm System Interlocks.
- Automated Operator Alerts to Ensure Proper Preventative Maintenance.
HMI Touch-Screen Control Interface
Directly From Your Smart-Phone, Tablet or Laptop.

- Pressure Monitoring of Hydrocyclone Manifold to Maximize System Performance.
- Touch Screen Interface to Control all On-Board Pumps, Trash Pump and Shaker.
- Integrated Run-Time Counters for All Systems to Enhance Preventative Maintenance.
- Further Integration with Optional Upgrades, Including an On-Board Pressure Washer.
HMI Touch-Screen Control Interface
Directly From Your Smart-Phone, Tablet or Laptop.

Run Time Counters Will Preemptively Notify Operators of Greasing and Maintenance Schedules.

Detailed Event Logs Will Track Fault Conditions and Maintain Detail Records of the Units Operation.

On-Board Hydro-Cyclone Pressure Sensors Will Notify Operators of Need to Service Equipment.

Any Tripped Electrical Conditions Due to Overloads Will be Clearly Noted on the User Interface.

Full Wireless Integration with Your Smart Phone or Tablet with a Dedicated Local Wifi Network.
Selecting the most appropriate fluid reclamation system depends on the total circulating volume inclusive of the "bulked-up" volumetric flow as a result of suspended solids.
Closing the Loop
Management of Colloidal and Ultra-Fine Solids

Our product portfolio of proprietary polymers and capital equipment provides a “one-stop” shop for any fluid challenge.
Unsurpassed Value
Definitive Value Proposition in Utilizing KEMTRON Packaged Reclamers

In addition to the above, we are the only reclamer OEM that manufactures its own shakers and screens ensuring 100% integrated accountability for the entire system.

Unsurpassed Experience
As the trend-setting leading in package, mobile fluid reclamation system, we have been shipping on average one reclamation system per week. No other manufacture ships more packaged fluid reclamation systems.

Unsurpassed Durability
With decades of experience building package fluid reclamation systems, we have developed a reputation for the most durable systems in the market. The average asset life ranges from 7 to 10 years.

Full-Scale Engineering Support
Our dedicated Engineering team evaluates system hydraulics, frictional losses, predictive reliability, and failure mode evaluation analysis ("FMEA") for each system built. Combined with our ability to creatively customize your system, there is no better choice.