



Patented Linear Motion Mud Cleaners

KEM-TRON Oil & Gas

Specialists in creating value through solution-oriented packaging, integration and system customization.



1. Maximum Screen Surface Area

With six separate pretensioned screen panels, the KTL-48SS MC provides for more screen area with minimum footprint.



2. Wedge-Lock Fastening System

Simple, efficient, and quick replacement of pretensioned screens. Screens slide into place and are fastened with wedge blocks.



3. Mud By-Pass Gate

For efficient diverting of cement or contaminated drilling fluid.



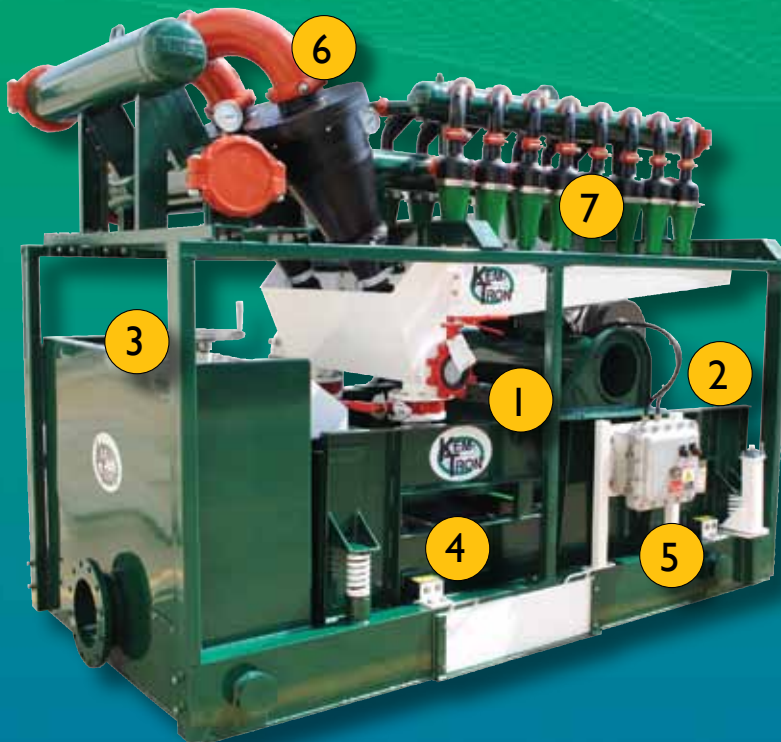
4. Patented Side-Window

Bottom deck screen cleaning and changing is made easy with a patented side window.



5. Explosion Proof Enclosures

KEM-TRON shakers can be provided with NEMA 4, NEMA 7, CE, and ATEX enclosures and controls.



6. Desander Options

- KT-VSP-112 One 12" Cone
500 gpm / 31.5 lps
- KT-VSP-212 Two 12" Cones
1,000 gpm / 63.0 lps
- KT-VSP-312 Three 12" Cones
1,500 gpm / 94.5 lps
- KT-VSP-110 One 10" Cone
500 gpm / 31.5 lps
- KT-VSP-210 Two 10" Cones
1,000 gpm / 63 lps
- KT-VSP-310 Three 10" Cones
1,500 gpm / 94.5 lps

7. Desilter Options

- KT-10-240 Ten 4" Cones
650 gpm / 41.0 lps
- KT-12-240 Twelve 4" Cones
780 gpm / 49.2 lps
- KT-16-240 Sixteen 4" Cones
1,040 gpm / 65.6 lps
- KT-20-240 Twenty 4" Cones
1,300 gpm / 82.0 lps
- KT-10-250 Ten 5" Cones
800 gpm / 50.5 lps
- KT-12-250 Twelve 5" Cones
960 gpm / 60.6 lps
- KT-16-250 Sixteen 5" Cones
1,280 gpm / 80.8 lps
- KT-20-250 Twenty 5" Cones
1,600 gpm / 101 lps

Proven History

From the snows of Siberia to the sands of Abu Dhabi, from the Outback of Australia to the jungles of Brazil, KEM-TRON shakers can be found in some of the harshest oil & gas environments.

With over 20 years of experience, our engineers have the insight and technical capability to support your project needs.

With thousands of installations worldwide, KEM-TRON has built a proven product history.

Versatility

KEM-TRON's compact, patented, multi-functional mud cleaners are designed to be operated as both a double-deck drying shaker / mud cleaner or double-deck flowline shaker. The built in multi-functional feature allows the operator to handle varying drilling fluid viscosities

and solids content with the same unit. In the dual simultaneous flow mode, the top deck handles the hydrocyclone underflow and the bottom deck handles the primary scalping.

Reliability

All KEM-TRON mud cleaners are given a two-part epoxy powder coating to maximize equipment life. Three-part coatings are also available for offshore applications.

Spare parts and consumables have been designed to ensure the lowest replacement cost & long-term product durability.

Combined with our international field service team and regional spare part distribution centers, you will never be left without the support you need.

Chemically Enhanced Mechanical Separation

By combining expertise in both dewatering polymers and solid/liquid separation technologies, KEM-TRON has developed an organization capable of providing complex chemically-enhanced mechanical separation solutions. As a service oriented organization, KEM-TRON's focus is on providing timely value. This value is further enhanced when customers take advantage of KEM-TRON's integration, modularization, and customization capabilities. KEM-TRON will continue to be an industry leader in bringing mobile solutions to the industry's toughest solids management problems.



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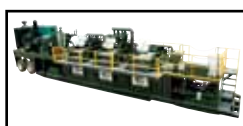
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Multi-functional Linear Motion Shakers

All KEM-TRON mud recycling systems are based on our patented multifunctional linear shaker.



Modular Solids Management Design

To maximize space, KEM-TRON's packaged treatment systems utilize mud cleaner technology to ensure a small footprint.



Hydrocyclone Manifolds

With a host of desander and desilter options, KEM-TRON can customize each mud cleaner to suit your needs.



Complete Mud Management Systems

By integrating KEM-TRON's mud cleaners with our centrifuges and dewatering systems, we have the resources to provide you a complete solution.

Shaker Model Number:	KTL-48SS MC	KTL-48A MC	KTL-48B MC
Equipment Image:			
Description:	Six Panel Dual Deck Multi-Functional Drying Shaker with Desander & Desilter	Three Panel Single Deck Drying Shaker with Desander & Desilter	Three Panel Single Deck Drying Shaker with Desander & Desilter
Screen Type:	Pretensioned or Hook Strip	Pretensioned or Hook Strip	Pretensioned or Hook Strip
Vibratory Motors:	(2) 2.4HP (1.8kW)	(2) 1.5HP (1.15kW) or (2) 2.4HP (1.8kW)	(2) 1.5HP (1.15kW) or (2) 2.4HP (1.8kW)
Number of Screen Panels:	6 (3 on Top & 3 on Bottom)	3	3
Screen Surface Area:	56 sq. ft. (5.2 m ²)	28 sq. ft. (2.6 m ²)	28 sq. ft. (2.6 m ²)
Maximum Flow Rate*:	500 to 1,500 gpm (31.5 to 94.6 lps)	500 to 1,500 gpm (31.5 to 94.6 lps)	500 to 1,500 gpm (31.5 to 94.6 lps)
Length:	120" (305 cm)	120" (305 cm)	107" (272 cm)
Width:	70" (178 cm)	70" (178 cm)	70" (178 cm)
Height:	95 3/8" (242 cm)	88 5/8" (225 cm)	81 3/4" (208 cm)
Weight:	6,921 lbs (3,140 kgs)	6,623 lbs (3,005 kgs)	3,586 lbs (1,630 kgs)
Common Features:	All units can be provided with 380V / 50Hz or 460V / 60Hz; generate a noise level less than 80 decibels (dB); and are fitted with an adjustable deck capable of inclinations of -2 to +50. When drilling top-hole sections, where heavy, high volume solids are typically encountered, the high G-Force design will effectively move the solids across the screens. All units come standard with explosion proof motors and enclosures.		

*Maximum flow rate is dependent on the configuration, number and size of hydrocyclones used. See reverse page for more details.

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