



Solids Control Solutions for HDD, Mining & Waterwell

Reduce waste, recover more fluid, and increase performance

We clean service liquids

For drilling contractors who want to optimize drilling efficiencies, M-I SWACO provides turnkey drilling fluid solutions to meet your project-specific needs.

M-I SWACO sets itself apart from others with its solids control technologies, dependability, and commitment to customer satisfaction.

BENEFITS

■ Increase rig uptime

- Recycle drilling fluid continuously during operations
- Eliminate wait time for mud mixing, water trucks, and vacuum units to clean up and haul away




■ Minimize HSE impact

- Comply with discharge regulations
- Minimize overall waste disposal
- Decrease carbon footprint by reducing trucking
- Enhance fluid containment

■ Increase ROI

- Reduce up to 80% solids slurry waste
- Lower hauling, mileage, and disposal costs
- Cut drilling fluid additives up to 35%
- Reduce total water usage
- Shorten project time and mud-mixing time
- Prolong equipment life—finer cut points and cleaner fluids create less wear on pumps, seals, and consumables
- Maximize long-term value with highest quality equipment

CORE SOLUTIONS

	Solutions	Key Features	Equipment and Packages
Dewatering Plus 	<p>Advanced dewatering technology to produce clean, reusable water.</p> <p>Separate submicrometer-sized particles and dissolved solids with ultrafiltration purification technologies. Reclaim wastewater for beneficial use.</p>	<ul style="list-style-type: none"> Separate submicrometer particles and dissolved solids. Complete suspended solids removal. Maximize fluid reuse. Meet strict effluent limitations and onsite discharge requirements. Produce clear, drinkable water. 	<ul style="list-style-type: none"> Enhanced fluid recycling system Dewatering plus chemistry Ultrafiltration Reverse osmosis
Enhanced Fluid Recycling 	<p>Upgrade your basic fluid recycling system with greater solids separation performance and more cost savings.</p> <p>Removes colloidal-sized particles that can significantly degrade the performance of water-based drilling fluids. Eliminates the need for costly dilution to maintain density and rheological properties.</p>	<ul style="list-style-type: none"> Achieve 5- to 15-um particle separation. Extend fluid life up to a factor of 10 from the basic fluid recycling system. Remove up to 100% of suspended solids. Recover barite. Perform basic dewatering, making reclaimed water usable for new mud and rig washdown. Minimize colloidal solids, enabling faster ROP. 	<ul style="list-style-type: none"> MCU max: CD-500 HV* high-volume, high-speed precision-balanced centrifuge MCU: 518 HV* high-volume, high-speed decanting centrifuge MCU light: CD-250* centrifuge Standalone centrifuges SMART panel autonomous operations Fluid handling technology: tanks, separators, and pumps
Basic Fluid Recycling 	<p>Mix and recycle mud in a rugged, modular, mobile system.</p> <p>Reuse your drilling fluid or service liquid by removing suspended solids. Reduce total waste, disposal costs, additive consumption, and water usage.</p>	<ul style="list-style-type: none"> Separate particles up to 45 um. Recover and reuse drilling fluid. Achieve greater separation efficiency with progressive elliptical motion shakers. Use a simple two-switch system. Move enclosed mobile systems to each job site without spillage. Increase ROI. 	<ul style="list-style-type: none"> Mud tank system + D-SILTER* high-volume desilting cleaner Mud cleaner system Stand-alone shakers, tanks, hoppers, and pumps MD-3* triple-deck shale shaker MD-2* dual-deck shale shaker MONGOOSE Max* high-capacity shale shaker MONGOOSE PRO* dynamic dual-motion shale shaker

*Mark of M-I L.L.C., a Schlumberger company.

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We provide drilling fluids, solids control, and drilling waste management equipment and services



Wherever you work, you can depend on M-I SWACO specialists to keep your projects on target. As the industry-leading provider of drilling fluid systems and additives, solids control equipment, and engineering services, we have the know-how and resources to custom design solutions that meet the unique requirements of your project, regardless of its location or complexity. Our highly trained drilling fluid specialists have global experience in delivering 24 /7/365, onsite engineering services.



slb.com/recycling

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