

Centrifuge Packages

Our comprehensive portfolio of high-volume and variable speed centrifuges process drilling fluids to the highest possible environmental and performance standards.

Package	Featured Equipment	Value Drivers	System Throughput [†]	Fluid Systems	Regionality
Economy package: Triple drier single centrifuge (TDSC)	<ul style="list-style-type: none"> 518 HV* high-volume, high-speed decanting centrifuge CD-500 HV* high-volume, high-speed precision-balanced centrifuge RHE-Fine* automated centrifuge; g-force and flow rate paired with triple MONGOOSE PRO* dynamic dual-motion shale shakers 	<ul style="list-style-type: none"> Creates a small footprint Controls fluid density Removes low gravity solids (LGS) Controls rheology Reclaims fluid Reduces total retention on cuttings (ROC) 	<ul style="list-style-type: none"> Fluid feed rates up to 674 galUS/min Discard rates up to 60 bbl/h 	<p>Generally deployed to water-based mud (WBM) for dewatering or density control</p> <p>May be used on any fluid system under 11 lbm/galUS</p>	<p>Basins in which mud weight is under 11 lbm/galUS</p> <p>Very good for offline fluid remediation projects</p>
Conventional rig-up with versatility: Triple drier dual centrifuge (TDDC)	<ul style="list-style-type: none"> 518 HV centrifuge with CD-500 HV centrifuge and triple MONGOOSE PRO shakers 518 HV centrifuge with RHE-Fine centrifuge and triple MONGOOSE PRO shakers 	<ul style="list-style-type: none"> Recovers beneficial solids (barite) Removes LGS Reclaims fluid Reduces total ROC Enables addition of pulse to drying shakers for best-in-class fluid recovery 	<ul style="list-style-type: none"> Fluid feed rates of 50 to 200 galUS/min Discard rates up to 40 bbl/h in recovery mode Process rates as high as 1,200 galUS/min in a dual-strip configuration for lightweight muds, easily accommodating intervals of varying mud weight 	<p>Generally deployed to oil-based mud (OBM)- and synthetic-based mud-weighted systems</p> <p>Can be converted for dual strip, dewatering, or barite recovery processes in situ</p>	<p>Applicable for any fluid with a beneficial weighting agent</p> <p>Generally recommended for systems over 11 lbm/galUS</p> <p>High-volume dual-strip applications for any fluid type</p>
Maximum ultrafine solids removal: Triple drier, RHE-USE* two-stage centrifuge system (TDRHE)	<ul style="list-style-type: none"> RHE-USE system, tank under design, and chemically enhanced OBM solids removal paired with triple MONGOOSE PRO shale shakers Any combination of centrifuges can be selected. A minimum of two is required 	<ul style="list-style-type: none"> Reduces ROC and waste volumes with the benefit of creating clean slurry onsite Controls rheology and fluid performance by outpacing ultrafine and colloid concentration rise 	<ul style="list-style-type: none"> Discard rates and slurry production designed to match drill solids additions (ROP) Production up to 350 bbl/d [8.3 lbm/galUS] in clean slurry every 24 hours Unique in the industry, this system focuses on quality of returned fluid and volume and quality of solids removed, rather than strictly on the amount of fluid processed 	<p>All fluid types and densities. Recovery, dual RHE-USE centrifuge systems, and dewatering can be configured in situ</p> <p>Centrifuges can be added to increase production</p> <p>Rigs using this system have not returned fluid to a mud plant for remediation for over 2 years</p>	<p>Universal</p>

[†] Subject to fluid type, density, and rheology.

Our specialists can perfectly match the right decanting centrifuge to your specific application and objectives, ensuring the highest level of fluid recovery rates and efficient solids control.