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MCT-2000 “Mud Maxx” Drill Fluid Mixing & Cleaning System

Trailer Section

25K dual tandem axles
Air brakes
Extra bracing in tank floor for added strength
3” square tubing running around the top edge of the tank for structural stability
All open areas of the floor covered with bar grating or diamond plate
12,000 pound hydraulic landing legs mounted on front
Easy access ladder located on front of unit

Mixing System

High shear/low pressure mixing hopper
Sack table integrated on to hopper
High shear submersed jet guns in all tanks allow stirring of clean & dirty tanks when needed
Independent valves to isolate hopper and jet guns to fine tune your mixing requirements

Electrical

480 volt/ 200 kw/ 3 phase diesel generator
Safety shutdowns on engine & generator
110 volt regulated power outlet
IEC rated main electrical box with safety overloads
Independent On/Off switches to control each function (shakers, centrifugals, supercharge, etc.)
Remote On/Off switch allows driller to control supercharge
“Hi-Vis” night work lights

Tank Section

6,500-gallon capacity (approximate) 3-section tank
Large easy clean-outs
1” bar grating covering the top of tank for safety

Cleaning System

Five High G-force 3-Panel linear shakers
Three - 10” cones with 74 micron cut points
Twenty four-5” cones with 20 micron cut points
126.45 sq. /ft. of shaker surface cleaning area
Accepts large variety of screen mesh sizes
2,000+ gpm cleaning capacity

Centrifugals

Five 50 hp 250 series electric centrifugal pump:
1) Pressure feed fluid to the mud hopper and jet guns
2) Pressure feed fluid to the de-sander cones
3 & 4) Pressure feed the desilter cone banks
The fifth centrifugal pump for supercharge

Paint

Sand blasted and painted with high solids industrial paint for added durability
Bottom of trailer painted for added protection against rust.

Optional

*Undercoating for added durability

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