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MCT-800 **Drill Fluid Mixing & Cleaning System**

Dimensions

42'L x 8'6" W x 13" H
Est. weight 48,200 lbs

Trailer Mount

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 are covered with bar grating & diamond plate
12,000 pound hydraulic landing legs

Mixing System

High shear / low pressure mixing hopper
Sack table integrated on to hopper
High shear submersed jet guns in all tanks to 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 / 150 kw / 3 phase diesel generator
Safety shutdowns on engine & generator
IEC rated main electrical box with safety overloads
110 volt regulated power outlet
Independent On/Off switches to control each function (shaker, centrifugals, supercharge etc.)
Remote On/Off switch allows driller to control supercharge
"Hi-Vis" night work lights

Tank Section

5,000 gal (approximate) capacity three section tank
Large easy open clean-outs
1" bar grating covering the top of tank for safety

Cleaning System

High G-force linear shakers
One- 800 +gpm (approx.) Scalping Shaker
One- Desander Shaker
One- Disilter Shaker
One- 800+ gpm (approx.) Mud Cleaner
Two-10" cone with 74 micron point cuts
Twelve-5" cones with 20 micron point cuts
Over 75 sq. /ft. screen surface area total
Accepts large variety of screen mesh sizes
800+ gpm cleaning capacity

Centrifugals

One - 50 hp and one 40 hp 178 series electric centrifugal pumps to pressure feed hydrocyclones
Two - 30 hp 178 series electric centrifugal pump to pressure feed hopper, jet guns and supercharge

Paint

Sand blasted and painted with high solids industrial paint for added durability

Optional

*Undercoating for added durability

Miscellaneous Optional Equipment

Electric submersible trash pump
Skid mounted

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