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MCT-550 “Mud Man” **Drill Fluid Mixing & Cleaning System**

Dimensions

25'5" L x 8.6' W x 13' H
Est. weight 25,180 pounds

Trailer Mounted

15k dual tandem axles
Pintle hitch
Electric brakes
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
10,000-pound leveling jacks

Mixing System

High shear / low pressure mixing hopper
Sack table integrated on to hopper
High shear submersed jet guns in both 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 / 80 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 (Shaker, centrifugals, supercharge, etc.)
Remote On/Off switch allows driller to control supercharge
“Hi-Vis” night work lights

Tank Section

3,300 approx. gal capacity 2 section tank
1,900 gal approx. clean tank
1,300 gal approx. dirty tank
1" bar grating covering top of tank for safety
Large easy open clean-outs

Cleaning System

High G-force linear shaker
Over 25 sq. ft shale shaker
Over 16 sq. ft desilter shaker
Seven- 5" cones with 20 micron cut points
Accepts large variety of screen mesh sizes
Up to 500+ gpm cleaning capacity

Centrifugals

30 hp 178 series electrical centrifugal pump to pressure feed hydrocyclones
20 hp 178 series centrifugal pump to pressure feed hopper, jet guns
25 hp 178 series centrifugal pump to pressure feed the supercharge

Paint

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

Miscellaneous Optional Equipment

Electric submersible trash pump
Hydraulic leveling jacks
Skid Mounted

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