



2610 State Hwy 31 West
Athens, Texas 75751
Phone: (903) 675-3240/Toll Free: (866) 675-3240
Fax: (903) 675-7837

MCT-1500 **Drill Fluid Mixing & Cleaning System**

Dimensions

52'L x 8.5'W x 13'0H
Est. Weight 57,000 pounds

Trailer Section

Three 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 and diamond plate
12,000 pound hydraulic landing legs
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/200kwPrime /3-phase 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 light

Tank Section

7,900-gal capacity (approximate) 3-section tank
1" bar grating covering the top of tank for safety
Large easy open clean-outs

Cleaning System

High "G" force shakers "adjustable while drilling"
Four 3-Panel shakers
Three 10" cones with 74 micron cut points
Eighteen 5" cones with 20 micron cut points
Over 100 sq.ft. of total shaker bed screening area
Accepts large variety of screen mesh sizes
1,500 + gpm cleaning capacity

Centrifugals

Two 250 series w/mechanical seals electrical centrifugal pumps to pressure feed hydrocyclones
One 250 series w/mechanical seal electrical centrifugal pump to pressure feed hopper and jet guns
One 250 series w/mechanical seal electrical centrifugal pump to pressure supercharge

Paint

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

Optional

*Undercoating for added durability

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