



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

MCT-450 **Drill Fluid Mixing & Cleaning System**

Dimensions

Est. Weight 20,140 pounds
24'L x 8'4"W x 12'4" H

Trailer Mount

12k dual tandem axles
Pintle hitch
Electric 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
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

Engine

480 volt/60 kw/3 phase diesel generator
Safety shutdowns on engine & generator
IEC rated main electrical box with safety overloads
Independent On/Off switches to control each function (shaker, centrifugal, supercharge etc.)
Remote On/Off switch allows driller to control supercharge, jet guns and hopper motor
110 volt electric valve to control fluid to drill
"Hi-Vis" night work lights

Tank Section

2,400 gal (approximate) capacity two section tank
Tank split equally for clean and dirty volume
Large easy open clean-outs
1" bar grating covering top of tank for safety

Cleaning System

High G-force Mombo Jr. linear shaker
18 sq./ft. shale shaker screening area
18 sq./ft. desilter screening area
36 sq. ft. of total screening area with long runway
Six - 5" cones with 20 micron cut points
Accepts large variety of screen mesh sizes
450+ gpm cleaning capacity

Centrifugals

25 hp 178 series electric centrifugal pump to pressure feed hydrocyclones
30 hp 178 series electric centrifugal pump to pressure feed hopper, jet guns & supercharge

Paint

High solids industrial paint system used for added durability

Optional

*Undercoating for added durability

Miscellaneous Optional Equipment

Electric submersible trash pump
Hydraulic leveling jacks
Skid mounted

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