



P.O. Box 509/ 2610 State Hwy. 31W / Athens, Texas 75751

Model MCT450 “Mud Man” **Drill Fluid Mixing and Cleaning System**

Dimensions

23'L x 8.2'W x 11.5'H

Est. weight – 20,140 pounds

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

Electrical

480 volt / 60 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, 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 cone screening area

36 sq. ft. 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 and supercharge

Paint

High solids industrial paint system used 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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