



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

Model MCT800 **Drill Fluid Mixing and Cleaning System**

Dimensions

45'L x 8'W x 12'6 H
Est. weight 48,000 pounds

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 covered with bar grating or 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

6,500 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
Two 3-panel scalping shaker
One 3-panel desilter
Ten - 5" cones with 20 micron cut points
One 10" cone with 74 micron cut points
Over 75 square feet of shaker cleaning area
Accepts large variety of screen mesh sizes
800 + gpm cleaning capacity

Centrifugals

One - 30 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
Bottom of trailer painted for added protection against rust

Miscellaneous Optional Equipment

Electric submersible trash pump
Skid mounted

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