



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

## **MCT 1000 “Mud Maxx”** **Drill Fluid Mixing & Cleaning System**

### **Dimensions**

54'L x 8.5'W x 13'0'H  
Est. weight 73,000 pounds

### **Trailer Mounted**

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 onto 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/200 kw /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  
Night work lights

### **Tank Section**

6,500 gal (approximate) capacity 3 section tank  
1" bar grating covering the top of tank for safety  
Large easy open clean-outs

### **Cleaning System**

High “G” force Shakers  
Two 3-Panel scalping shakers  
One 3- Panel desilter shaker  
One 3-Panel desanding shaker  
Over 100 sq/ft of shaker cleaning area  
Two 10" cones with 74 micron cut points  
Twelve 5" cones with 20 micron cut points  
Accepts large variety of screen mesh sizes  
1,000 + gpm cleaning capacity

### **Centrifugals**

Two - 50 hp 250 series electrical centrifugal pumps to pressure feed hydrocyclones  
Two - 50 hp 250 series electric centrifugal pumps 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

### **Optional**

\* Undercoating for added durability

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