



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

## **Model MCT500 “Mud Man”** **Drill Fluid Mixing and Cleaning System**

### **Dimensions**

25'5"L x 8.6'W x 13' H  
Est. weight 25,180 pounds

### **Trailer Mounted**

15k dual tandem axles  
Pintle hitch  
Electric brakes  
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 / 80 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  
“Hi-Vis” night work lights

### **Tank Section**

3,300 approx. gal capacity 2 section tank  
1,900 gal approx. clean tank  
1,300 gal approx. dirty tank  
1" bar grating covering top of tank for safety  
Large easy open clean-outs

### **Cleaning System**

High G-force linear shaker  
Over 25 sq. ft shale shaker  
Over 16 sq. ft desilter shaker  
Seven- 5" cones with 20 micron cut points  
Accepts large variety of screen mesh sizes  
Up to 500+ gpm cleaning capacity

### **Centrifugals**

30 hp 178 series electrical centrifugal pump to pressure feed hydrocyclones  
20 hp 178 series centrifugal pump to pressure feed hopper, jet guns  
25 hp 178 series centrifugal pump to pressure feed the 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  
Hydraulic leveling jacks  
Skid Mounted

## ***“Technology Today Shaping The Future”***

Phone: (903) 675-3240 Fax: (903) 675-7837

[www.mud-tech.com](http://www.mud-tech.com)