



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

## **Model MCT- 1500** **Drill Fluid Mixing and Cleaning System**

### **Dimensions**

53'L x 8.5'W x 13'0H  
Est. Weight 75,000 pounds

### **Trailer Section**

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 covered with bar grating or 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 on to hopper  
High shear submersed jet guns in all tanks 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/200kw/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  
"Hi-Vis" night work lights

### **Tank Section**

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

### **Cleaning System**

High "G" force shakers  
Four 3-Panel shakers  
Three 10" cones with 74 micron cut points  
Twelve 5" cones with 20 micron cut points  
Over 100 sq./ft. of total shaker bed screening area  
Accepts large variety of screen mesh sizes  
1,500 + gpm cleaning capacity

### **Centrifugals**

Two - 50 hp 250 series electrical centrifugal pumps to pressure feed hydrocyclones  
Two - 50 hp 250 series electrical centrifugal pumps to pressure feed hoppers, jet guns and supercharge

### **Paint**

Sand blasted and painted with high solids industrial paint for added durability  
Bottom of trailer painted to added protection against rust

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