



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

## **Model MCS 1500 “Sandman”** **Drill Fluid Mixing and Cleaning System**

### **Dimensions**

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

### **Skid Section**

Triple beam skid design with lifting bars  
Extra bracing 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  
Total length of skid is 40 feet

### **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 isolate hopper and jet guns to fine tune your mixing requirements

### **Electrical**

480volt / 200 kw / 3 phase diesel generator  
Safety shutdowns on engine & generator  
110 volt regulated power outlet  
ICE rated main electrical box with safety overloads  
Independent On/Off switches to control each function (shakers, 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 clean-outs  
1" bar grating covering all open areas on top

### **Cleaning System**

High G force linear shakers  
Four 3-Panel shakers  
Three - 10" cones with 74 micron cut points  
Twelve - 5" cones with 20 micron point cuts  
Over 100 sq./ft. 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

### **Miscellaneous Optional Equipment**

Electric submersible trash pump  
Trailer mounted

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