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## **RST-1400** **Drill Fluid Mixing & Cleaning System**

### **Dimensions**

Est. 11,660 pounds  
17'2 L x 8'6 W x 10'8H

### **Trailer Mount**

7k tandem axles  
Pintle hitch  
Electric brakes  
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

### **Mixing System**

High shear/low pressure mixing hopper  
Sack table integrated on to hopper

### **Electrical**

480 volt /3 phase diesel generator  
Safety shutdowns on generator  
IEC rated main electrical box with safety overloads

### **Paint**

Sand blasted and painted with high solids industrial paint for added durability

### **Tank Section**

1400 gal (approx.) capacity two section tank  
Tank split equally for clean and dirty volume  
Large clean-outs  
1" bar grating covering top of tank for safety

### **Cleaning System**

Linear split shaker design  
Dual vibratory High G force electric motors  
-18 sq. ft shale shaker  
-18 sq. ft desilter  
Five 5" cones with 20 micron cut points  
Six interchangeable pretensioned screens held by Wedge Locks  
400+ gpm cleaning capacity  
"AWD" (adjustable while drilling) Shaker legs

### **Centrifugals**

15 hp 178 series electric centrifugal pump to pressure feed hydrocyclones  
15 hp 178 series electric centrifugal pump to pressure feed hopper and, supercharge

### **Optional**

Skid mount  
Electric Trash Pump  
Explosion proof motors  
Night working lights  
\*Undercoating for added durability

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