



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

## **Model MPCT800** **Drill Fluid Mixing, Cleaning and Pumping System**

### **Dimensions**

52' L x 8.6' W x 13'1" H

### **Trailer Section**

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 hydraulic landing legs

Easy access ladder located on unit

### **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

### **Mud Pump**

Mud Tech MTPEWS-440 Pump mounted on unit with diesel engine sized to this pump, standard transmission, drive line, all safety guards, and a ratio reduction unit (volume: 400 gpm @ 1,710 psi)

Low voltage electrical remote controls with 100 feet of cable to perform the following:

Throttle the engine

Clutch the transmission

Safety pop-off valve and pressure gauge mounted on pump

### **Electrical**

480 volt / 150kw / 3 phase generator

Safety shutdowns on engine & generator

IEC rated main electrical box with safety overloads

110-volt regulated power outlet

On/Off switch with 100 ft remote for supercharge to mud pump

"Hi-Vis" night work lights

### **Tank Section**

5,130 gallon capacity (approximate) 3-section tank

Large easy clean outs

1" bar grating covering the top of tank for safety

### **Cleaning System**

Three High G-force linear shakers

Two- 500 +gpm (approx.) Desanding

One- 800+ gpm (approx.) Desilting

One-10" cone with 74 micron point cuts

Ten-5" cones with 20 micron point cuts

Over 75 sq. /ft. screen surface area total

Accepts large variety of screen mesh sizes

800+ gpm cleaning capacity

### **Centrifugals**

One - 30 hp and one 40 hp 178 series electric centrifugal pumps to pressure feed hydrocyclones

One - 30 hp 178 series electric centrifugal pump to pressure feed hopper and jet guns

One - 30 hp 178 series electric centrifugal pump to pressure feed supercharge

### **Paint**

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

# ***"Technology Today Shaping The Future"***

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