



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

Model MPCT1000 **Drill Fluid Mixing, Cleaning and Pumping System**

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

Mixing System

High shear/low pressure mixing hopper with

Sack table integrated on to hopper

High shear submersed jet guns in both tanks allow stirring of clean & dirty tanks if needed

Independent valves to isolate hopper and jet guns to fine tune your mixing requirements

Mud Pump

Mud Tech MTP-475 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

Electrical

480 volt / 200kw / 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

Tank Section

6,270 gallon capacity (approximate) 3-section tank

Large easy clean outs

1" bar grating covering the top of tank for safety

Cleaning System

High G-force linear shakers

Two - 500+ gpm (approx.) Desanding

Two - 800+ gpm (approx.) Desilting

Two-10" cone with 74 micron point cuts

Twelve-5" cones with 20 micron point cuts

Over 110 sq. /ft. screen surface area total

Accepts large variety of screen mesh sizes

1,000+ gpm cleaning capacity

Centrifugals

Two - 50 hp 250 series electric centrifugal pumps to pressure feed hydrocyclones

One - 50 hp 250 series electric centrifugal pump to pressure feed hopper and jet guns

One - 50hp 250 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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