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MPCT-800 **Drill Fluid Mixing, Pumping & Cleaning System**

Dimensions

47'8"L x 10'2"W x 13'4 H
Est. Weight 63,708 lbs

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 are covered with bar grating & diamond plate
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

Optional

*Undercoating for added durability

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 the 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

High G-force linear shakers
One- 500 +gpm (approx.) Scalping Shaker
One- Desander Shaker
One- Desilter Shaker
One- 800+ gpm (approx.) Mud Cleaner
Two-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

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