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MCS-450 **Drill Fluid Mixing & Cleaning System**

Dimensions

Est. weight 20,200 pounds
21'8"L x 9'11"W x 12'4"H

Skid Section

Triple beam skid 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

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, jet guns to fine-tune your mixing requirements

Engine

480 volt / 60 kw / 3 phase diesel generator
Safety shutdowns on engine & generator
110 volt regulated power outlet
IEC rated main electrical box with safety overloads
Independent On/Off switches to control each function (shaker, centrifugals, supercharge, etc.)
Remote On/Off switch allows driller to control supercharge, jet guns and hopper motor
110 volt electric valve to control fluid to drill
"Hi Vis" night work lights

Tank Section

2,400 gal (approximate) capacity two section tank
Tank split equally for clean and dirty volume
Large easy open clean-outs
1" bar grating covering top of tank for safety

Cleaning System

High G-force shakers
18 sq./ft. shale shaker screening area
18sq./ft. desilter screening area
36 sq. ft. of screening area
Six - 5" cones with 20 micron cut points
Accepts large variety of screen mesh sizes
450+ gpm cleaning capacity

Centrifugals

25 hp 178 series electric centrifugal pump to pressure feed hydrocyclones
30 hp 178 series electric centrifugal pump to pressure feed hopper, jet guns & supercharge

Paint

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

Optional

*Undercoating for added durability

Miscellaneous Optional Equipment

Electric trash pump
Trailer mounted

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