



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

Model MCS160 “Micro” Drill Fluid Mixing and Cleaning System

Dimensions

15'3" L x 8'1" W x 8'6" H
Est. weight 13,000 pounds

Skid Mount

Triple beam skid
Loading bars on each end for easy moving
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 turbo 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

Electrical

480 volt / 40 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
Remote On/Off switch to control each function (shaker, centrifugals, supercharge, etc.)
110 volt electric valve to control fluid to drill
“Hi-Vis” night work lights

Tank Section

1,430 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
Rear Dump

Cleaning System

High G-force linear shaker
8 sq. ft. shale shaker screen area
Three – 5" cones with 20 micron cut points
Over 16 sq. ft. of screening area
Accepts large variety of screen mesh sizes
160+ gpm cleaning capacity

Centrifugals

15 hp 118 series electric dual-purpose centrifugal pump to pressure feed hopper, jet guns & supercharge
10 hp 118 series electric centrifugal pump to pressure feed hydrocyclones

Paint

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

Miscellaneous Optional Equipment

Electric submersible trash pump
Trailer Mounted

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