Features and Benefits  

The M-300H was the original Sam-Series Mixer, designed and manufactured primarily for the mini size drill rigs as an alternative to using plain water. Powered by the customer’s own power source. A 10gpm. hydraulic motor drives a 3” centrifugal pump, making effective use of the proprietary StS mixing system. This Bentonite mud mixer is capable of providing 300 gallons of full yield mud to your drill rig in less than 5 mins. The compact unit can be transported to the job site in a standard 8’ pickup box.

The M-300H Mixer

Dimensions 46” W x 96” L x 61” H  
Weight 1135 Lbs  
Hopper Height 37” High  
Mixing System 3” Proprietary StS Mixing System  
Mixing Tank 300 gal Polyethylene  
Skid Frame 4” Steel channel, welded  
Hydraulic Gear Motor Requires 10gpm. @ 1800psi  
Hydraulic Valve Variable speed controller  
Hydraulic system Open loop circuit  
Pump 3” Cast iron centrifugal trash pump  
Pump Coupling Hyd. Motor direct to Bearing Block  
Drill Fluid Outlet 1 ½” NPT with Full Flow Ball Valve  
Pipe Couplers Bolt & Snap-groove type  
Pressure Wand Hopper maintenance wand  
Tank Drain Bottom tank drain supplied  

Benefits

Small space saving footprint.  
Light weight for easy transportation.  
Waist high hopper reduces back strain.  
Fast & efficient (5 min. mixing).  
Minimal maintenance required.  
Built tough for the construction trade.  
Use your own power source, no fumes in truck body  
Allow mixing at various speeds.  
Simple, field repairable, less maintenance  
Rugged & repairable for extended service life.  
No expensive couplers or inserts to replace.  
Large volume discharge  
Fast cold weather draining of system.  
Removal of blockages caused by additive.  
Fast cold weather draining.

Also available in Electric (M-300E) Gasoline (M-300G) Diesel (M-300D) models.

*** All Specifications Subject to Change Without Notice ***

Check our website for the latest products and specifications

www.stsmixers.com