



# Bentonite Mud Mixer Model M-1500H

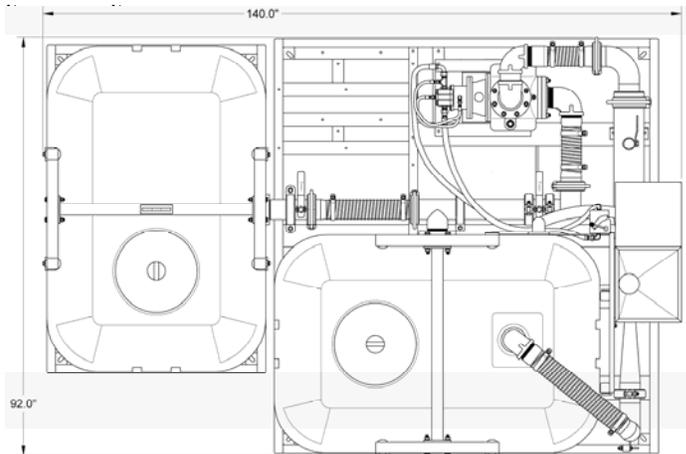
## Surface to Surface Inc.

### Features and Benefits

### M-1500H Mixer



The M-1500H was designed and manufactured as a dual tank system that allows the HDD Contractor two methods of mixing his Bentonite mud requirements. This system allows the operator to mix 750 gallons of full yield mud in less than eight (8) minutes, while holding 750 gallons of water reserve in the second tank for the next mix, or mix 1500 gallons of full yield mud in less than sixteen (16) minutes, in one large batch. The operator controls the two methods of mixing by changing the direction of flows through the piping connections using the manual operated full flow valves. The vacuum port located in the mixing tee has the ability to draw water from the second tank when being used as a reservoir and the drill fluid can then be sent to your drilling rig with-out the use of a second pump. Powered by the customer's own power source, a 16 1/2gpm hydraulic motor drives a 4 inch centrifugal pump making effective use of the proprietary StS mixing system. This model has been a popular choice of HDD Contractors due to its small space saving footprint relative to



### Specifications

Dimensions	<b>M-1500H Mixer</b> 92"W x 140"L x 75"H
Approx. Weight	2470lbs
Hopper Height	39 inches high
Mixing System	4" Proprietary StS Mixing System
Mixing Tank ( 2 )	750 gallon Roto-Mold Polyethylene
Skid frame ( 2 )	5" Steel Channel, Welded
Hydraulic Gear Motor	Requires 15-16½ us.gpm. @ 2000psi
Hydraulic Valve	Variable speed control
Hydraulic system	Open loop circuit
Pump	4" Cast Iron Centrifugal Trash Pump
Pump Drive	Hyd. Motor direct to Bearing Block
Pipe Couplers	Bolt and Snap –Groove Type
Pressure Wand	Hopper Maintenance Wand
Tank Drain ( 2 )	Bottom Tank Drains Supplied

### Benefits

- Space saving design for its capacity.
- Excellent weight distribution
- Waist high hopper reduces back strain.
- Fast, efficient mixing time.
- Minimal maintenance required.
- Built for the rigors of the construction trade.
- Use your own power source, no fumes in truck body
- Allow bentonite mixing at various speeds
- Simple, field repairable, less maintenance
- Rugged & Repairable for extended service life.
- No expensive couplers or inserts to replace.
- Provide fast cold weather draining of system.
- Removal of blockages caused by additives.
- Provides fast cold weather tank drainage.

**Also available in Diesel (M-1500D) – Gasoline (M-1500G) – Electric (M-1500E) models.**

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

*Check our website for the latest products and specifications*  
**www.stsmixers.com**

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