

# VENTURI MIXING HOPPER

## INTRODUCTION TOOL

### DESCRIPTION

VENTURI MIXING HOPPERS are designed to aid in the introduction of dry powdered drilling fluid, polymers, and additives into a liquid phase, decreasing the time required for mixing and increasing the yield of drilling fluid, polymers, and additives through better shear.

### RECOMMENDED USE

The VENTURI MIXING HOPPER mounting plate can be bolted to the side of mixing tanks or tubs and the hopper can easily be lifted for removal and storage for transporting. 2" hoses with cam-loc fittings (of appropriate pressure rating) can be used to connect from the pump discharge outlet to the feed inlet of the VENTURI MIXING HOPPER. The VENTURI MIXING HOPPER discharge/outlet can be extended or redirected to return into the drilling fluids tank or tub.

### CHARACTERISTICS

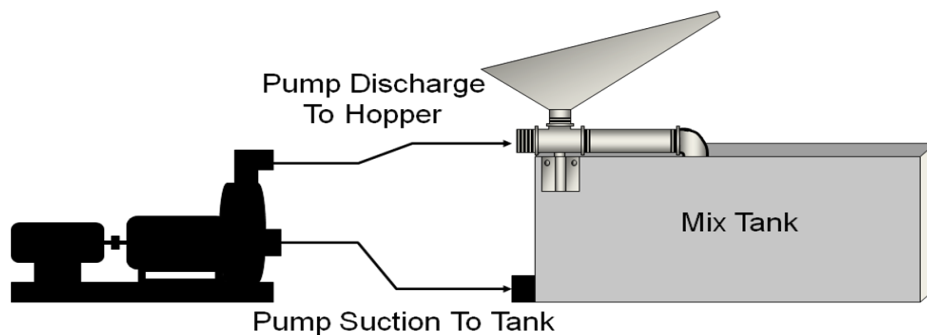
- Portable and easy to install
- Improves yield – Reduces lumping and waste
- Accelerates the mixing process for bentonite drilling fluid, polymers, and additives
- Material: Carbon Steel
- Length: 18"
- Height: 18" to 20"
- Feed Inlet & Discharge Fittings: 2" male N.P.T.
- Unit comes complete with mounting plate

### MIXING AND APPLICATION

Ensure that pump feed volume is adequate and the VENTURI MIXING HOPPER is free of plugging before introducing dry material into the hopper. Always follow proper mixing order for drilling fluid, polymers, and additives; SODA ASH first, bentonite second, and add polymers and additives after the bentonite has fully yielded (the fluid is free of small lumps of bentonite). Add product slowly to prevent plugging. Clean the VENTURI MIXING HOPPER before storing.

### PACKAGING

Unit Weight - Approximately 20 lbs



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