

AMC PVC MUD MIXER HEAVY DUTY™

DRILLING FLUIDS EQUIPMENT

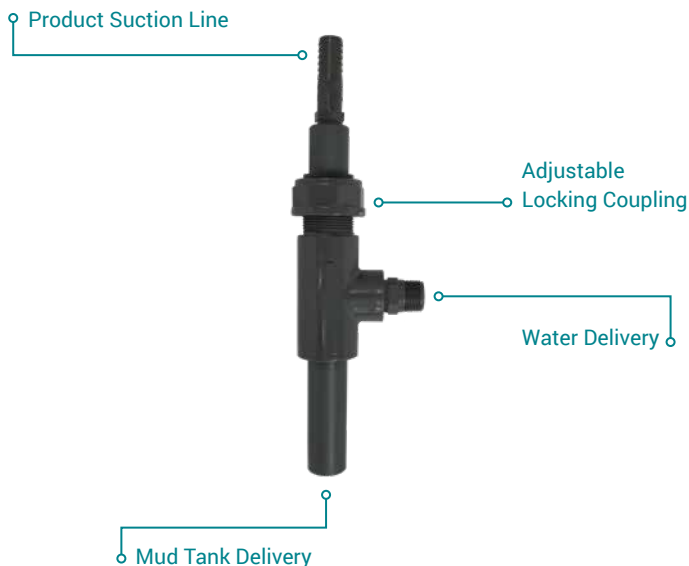


Description

The AMC PVC MUD MIXER HEAVY DUTY™ is a Venturi mixing apparatus for drilling applications.

Installation

1. Mount the AMC PVC MUD MIXER HEAVY DUTY™ over the selected mix tank, face discharge downwards with the discharge well clear of the high fluid level.
2. Use gate or ball valve. Connect to 25 mm (1 inch minimum) water line.



*Plastic or stainless steel

Operation

1. Turn on water.
2. Insert product suction line gently, approximately 6 – 8 mm (¼ inch) into the polymer powder to lift a mixture of air and polymer.
3. To increase flow rate through AMC PVC MUD MIXER HEAVY DUTY™ increase pump volume output or adjust locking coupling on unit. Unscrewing the coupling assembly will increase flow through unit, tightening the coupling assembly will decrease flow through the unit.

Do not over-tighten the locking coupling. Unscrewing the coupling too far whilst pump is operating will cause the insert section to come out, wetting product and operator.

Cleaning

1. If the mixer blocks, remove product suction line from unit.
2. Wash the unit with fresh water until clean.
3. Dry thoroughly with air and a clean rag. DO NOT use solvents.
4. Completely unscrew the coupling assembly and inspect the o-ring for damage and clean. Lubricate the o-ring prior to assembly.

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|----------------------------|---------------------------------------|
| Materials | Polyvinyl chloride |
| Water connection | ¾ inch BSB spigot |
| Recommended suction line | 1 m long x 20 mm clear plastic tubing |
| Minimum water requirements | 100 – 150 litres per minute at 20 psi |
| Nominal lift | 1.2 metre maximum |
| Lift rate | 1 – 1.5 kg per minute |

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

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