

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.

Safe Operating Procedures

1. Ensure that the mixers are not blocked prior to mounting onto the mix tanks.
2. Ensure that the mixer is not fully closed prior to starting the mixing pump.
3. Do not exceed 150 psi pump pressure through the mud mixer.



*Plastic or stainless steel

Operation

1. Turn on water.
2. Insert product suction line gently, approximately 6 – 8mm (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.

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 IMDEX representative for optimum results.

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