

AMC PVC MUD MIXER XTRA LARGE™

DRILLING FLUIDS EQUIPMENT



Description

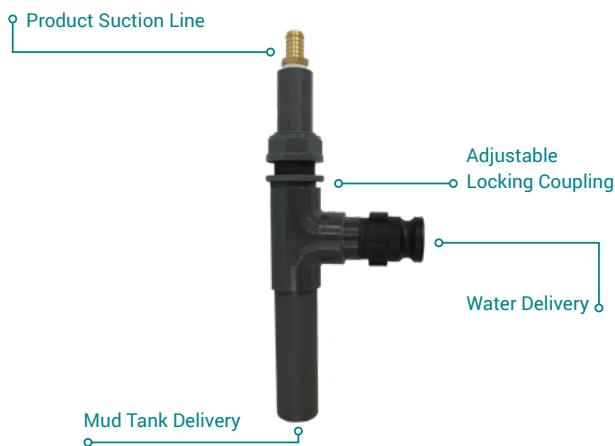
The AMC PVC MUD MIXER XTRA LARGE™ is a Venturi mixing apparatus for drilling applications.

Installation

1. Mount the AMC PVC MUD MIXER XTRA LARGE™ over the selected mix tank, face discharge downwards with the discharge well clear of the high fluid level.
2. Use cam-lock fittings; connect the AMC PVC MUD MIXER XTRA LARGE™ to the delivery line.
3. Attach the AMC PVC MUD MIXER XTRA LARGE™ clamp to the tank and lock securely.

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 150psi pump pressure through the mud mixer.



*Plastic or stainless steel

Operation

1. Turn on water.
2. Insert the product suction line approximately 25 – 50 mm (1 – 2 inches), into the polymer powder to lift a mixture of air and polymer.
3. To increase the flow rate through the AMC PVC MUD MIXER XTRA LARGE™, increase the pump volume output or adjust the locking coupling on the unit. Unscrewing the coupling assembly will increase flow through the unit, tightening the coupling assembly will decrease flow through the unit. Do not over tighten the locking coupling. Unscrewing the coupling too far whilst the pump is operating will cause the insert section to come out, wetting the 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, then clean. Lubricate the o-ring prior to assembly.

Materials	Polyvinyl chloride
Water connection	2" (50mm) male cam-lock fitting
Recommended suction line	1 m long x 20 mm clear plastic tubing
Minimum water requirements	100 – 250 litres per minute at 40 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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