

Advanced
Construction
Technologies



Equipment

DRILL PUMP

Low to Mid Viscosity Chemical Injection Grouts

Product Identifier

Product Name

DRILL PUMP

The Alchatek Drill Pump is a high pressure, single-component chemical injection pump suitable for low-mid viscosity chemical injection grouts. It's most commonly used for the application of polyurethane injection grouts.

Supplier Details

Alchatek
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Emergency Phone Numbers

Call CHEMTREC
Day or Night

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Description

The Alchatek Drill Pump is a high pressure, single-component chemical injection pump suitable for low-mid viscosity chemical injection grouts. It's most commonly used for the application of polyurethane injection grouts. The drill-mounted design offers a convenient and portable solution for chemical injection applications.

Advantages

The Drill Pump offers an unmatched ease of access to the piston assembly and ball/springs through just a few allen screws. The small reservoir and direct-feed design allows for small batch mixing and eliminates excessive losses due to mixing and priming. The portable design (20lbs [9.07kg] with drill) provides a unique and high pressure solution that can easily be carried onto swing stages, scaffolding, or scissor lifts.

Specifications

- Drill: 110v or 220v
- Reservoir Capacity: 0.53 gal. (2L)
- Pressure Hold: 6,000psi (400bar)
- Hose Set Length: 15' (5m)



Alchatek

DRILL PUMP

LOW TO MID VISCOSITY CHEMICAL
INJECTION GROUTS

Operation

The Drill Pump is available in 110v, but can also be operated with the same 220v model. Once the drill is securely fixed to the housing, a U-clamp is tightened to keep the drill engaged into the pump during use. The pump reservoir gravity feeds single component polyurethane grout into the positive-displacement piston assembly, which delivers the material through the ball/spring assembly and into the high pressure hose. The high pressure hose then couples to a shut off valve, short metal wand, and a standard zerk coupler that fastens to any standard zerk fitting. (Please see the Alchatek Mechanical Packer and Accessories Brochure for a complete listing of the packer and coupler selection). When injection work is completed, the applicator must purge the tank of all catalyzed polyurethane, followed by a flush of Spetec Pump Cleaner. For extended periods of storage, the DP 1C may be stored with low viscosity motor oil. (DO NOT STORE OR FLUSH WITH WATER).