

ChemGrout®

Geothermal Series

The versatile Geothermal Series pumps bentonites, polymer/granular bentonites, neat cements, and the latest geothermal grouts.



Features
ChemGrout's
Powerful 3"
Piston Pump For
Fast, Trouble-
Free Operation.

CG550/030/A/GT

Large capacity mix tanks and holding hoppers provide continuous pumping, increasing productivity and reducing line blockage.

Conveniently located variable speed controls allow a single operator to quickly mix and pump batches, ensuring a simple, efficient operation.

Match grout plant with job size with your choice of 45 or 70-gallon mix tanks.

Geothermal Series features specially designed blades and baffles that develop a high shearing action, providing rapid and thorough mixing.

Optional trailer package is available for convenient job-site mobility.

Power options include: air, hydraulic, electric/hydraulic, diesel/hydraulic and gas/hydraulic.

The ChemGrout Model CG550/030/A/GT features a high-capacity 70-gallon mix tank and 45-gallon holding hopper that reduces labor costs on both small and large jobs.

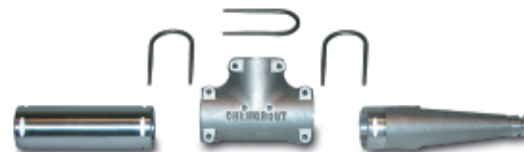
ChemGrout®

Widest Selection of Grouting Equipment in the World

Geothermal Series



Model CG550/030/A/GT



Rapid disconnect U-Clips allow pump to be completely disassembled with only a hammer for fast and thorough cleaning.

The versatile CG-030 piston pump is engineered for ease of operation and low cost of maintenance. The unique staple lock construction holds all working components together allowing parts to be easily accessed for cleaning and maintenance. The pump can be completely disassembled and reassembled in minutes by using only a hammer.

The compact skid mounted version is available in air, hydraulic, electric/hydraulic, diesel/hydraulic or gas/hydraulic. The trailer mounted CG555GT is a fully integrated system combining mixer, pump and power system, all in a single road worthy package.



Fully integrated trailer version available.

The ChemGrout Geothermal Series offers exceptional productivity, minimal maintenance and a quick payback for the grouting of energy efficient geothermal loops.

The simple easy-to-use grout plant is complete and ready for job-site operation. Both mixer and pump feature centrally located variable speed controls for quick adjustment. The mixer utilizes specially designed blades and baffles that develop a high shearing action, insuring a rapid and thorough mixing process.

The mixer, hopper and grout pump are a balanced system allowing the mixer to stay ahead of the pump to provide a continuous output of material. After mixing, the material is transferred to the lower hopper through a large slide gate designed to handle the most difficult of materials. The efficient use of this holding hopper enables a new batch to be mixed while the first is being pumped.

The Geothermal Series features ChemGrout's CG-030 single acting variable speed piston pump that easily handles materials ranging from fluid slurries, heavily sanded grouts, to the latest geothermal grouts. Materials that are commonly used include cement slurries, sanded cement mixes, bentonite mixes with or without sand, waterproofing, high strength non-shrink and self-leveling products.

Specifications

Model	Rugged Series		Geothermal Series	
Mix Tank Capacity	45 Gallons		70 gallons	
Holding Hopper Capacity	30 Gallons		45 Gallons	
Pump Type	CG-030 Piston		CG-030 Piston	
Power Options	Air	Gas/Hydraulic*	Air	Gas/Hydraulic*
Maximum Output	16 gpm (60 lpm)	12 gpm (45 lpm)	16 GPM (60 lpm)	12 GPM
Maximum Pump Pressure	400 psi (27 bar)	350 psi (24 bar)	400 psi (27 bar)	350psi
Power Requirements	150 cfm	Self-Contained	185 cfm	Self-Contained
Weight - Skid Mounted	490 lbs.	955 lbs.	690 lbs.	1150 lbs.
Dimensions - Skid Mounted	64"x 31"x 56"	78"x 31"x 56"	60"x 34"x 77"	82"x 37"x 83"
Weight - Trailer Mounted		1400 lbs.		1475 lbs.
Dimensions - Trailer Mounted		110"x 68"x 70"		110"x 68"x 74"

Applications: Well Grouting • Geothermal Grouting
Seal Casing Annulus • Seal Casing in Monitor Wells
Well Abandonment • Pipe Jacking • Waterproofing

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