

ChemGrout CG-500 Geothermal Series



- Highly versatile, the CG-500 Geothermal series pumps a wide variety of materials including bentonites, neat cement and non-shrink grouts.
- Large capacity mix tanks and holding hopper provide continuous pumping, increasing productivity and reducing line blockage.
- Features ChemGrout's powerful 3" piston pump for fast, trouble-free operation.
- Conveniently located variable speed controls allow a single operator to quickly mix and pump batches, ensuring a simple, efficient operation.
- Features specially designed blades and baffles and develop a high shearing action, providing a rapid and thorough mixing.



APPLICATIONS

- Soil compaction
- Soil & rock grouting
- Void filling
- Soil anchors
- Contact grouting
- Precast
- Rock bolts
- Self-levelling
- Slab undersealing
- Well casings
- Encasements & post tensioning



ChemGrout CG-500 Geothermal Series



CG-500	Output (lpm)	Pressure	Required	Weight	Size (L x W x H)
Air	76	400 psi	185 cfm	498kg	223.5 x 86.4 x 147.3cm
Hydraulic	60	550 psi	9/6 gpm, 2300 psi	476kg	223.5 x 86.4 x 147.3cm
Electric / Hydraulic	60	550 psi	3 Phase Only (several voltages available)	680kg	223.5 x 86.4 x 147.3cm
Gas / Hydraulic	60	550 psi	Self contained	680kg	223.5 x 86.4 x 147.3cm
Diesel / Hydraulic	60	550 psi	Self contained	680kg	254 x 86.4 x 147.3cm

The ChemGrout Geotech Series offers exceptional productivity, minimal maintenance and a quick payback for a wide variety of grouting applications.

These simple, easy-to-use grout plants offer a balanced design and are ready for jobsite 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 high ratio sand/cement, neat cement and non-shrink grout. This efficient use of a holding hopper enables a new batch to be mixed while the first is being pumped.

The Geotech Series features ChemGrout's patented CG-031 single acting variable speed piston pump that easily handles materials ranging from fluid slurries to heavily sanded grouts.

The versatile CG-031 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.

