

## Contact Us for a Quote Now!

### There's no substitute for experience.

For more than 50 years, ChemGrout has manufactured the world's largest selection of grouting equipment. Based in LaGrange Park, Illinois, ChemGrout offers both colloidal and paddle type grout mixers, as well as a variety of grout pumps, including piston, plunger and progressing cavity. The concepts of mixer-pump balance, user-friendly operation and ease of maintenance are emphasized in the design of our grouting systems. Enough technology is incorporated to maximize efficiency, yet not so much as to compromise ease of operation or maintenance.

Complete integrated mixing and pumping units are available in a variety of power options, including air, hydraulic, electric, electric/hydraulic, gasoline and diesel/hydraulic. All of our grout plants are offered skid mounted, with many available in a trailer version. To assist you in finding the grout plant that best fits your needs, we have provided a five step process, as well as a selection guide on the back cover.

Using proven methods, along with unique and innovative features, ChemGrout remains an industry leader for the equipment you can count on.

#### Mini-Series

##### CG-050M Hand Grout Pump

The industry's most powerful hand pump utilizes a positive displacement hand-driven 2" piston pump. It's rugged, lightweight and disassembles without tools for fast and efficient cleaning. For sand/cement or packaged grouts, the 050M provides injection pressures of more than 200 psi (14 bar). Net Wt. 23.6 kg.



##### CG-050 Mini Grout Pump

Max. output 19 lpm; max. pressure 225 psi (16 bar); max. pressure 400 psi (28 bar) for hydraulic model. Pumps a bag of non-shrink grout per minute. Positive displacement 2" piston pump delivers sand/cement or packaged grouts. For small volume grouting in construction, maintenance & mining.



##### CG-550P Mini Grout Pump & Mixer

Max. output 19 lpm; max. pressure 225 psi (16 bar). Features the CG-050 2" piston pump. Mixes and pumps sand/cement or packaged grouts. Large 128 l mixing tank offers easy, continuous pumping. Net Wt. 136 kg. Drive power — air, hydraulic.



#### Rugged Series

##### CG-550/030 Rugged Series

Max. output 60 lpm; max. pressure 550 psi (38 bar). Powerful 3" piston pump allows single operator to mix and pump cement, bentonite and cement/sand slurries. Applications include well casings, void filling, underground pipe installation, slab jacking, restoration, pavement repair, soil & slab stabilization and self-leveling underlayments.



##### CG-555/030 Rugged Trailer



#### Workhorse Series

##### CG-550/C4 Workhorse Series

Max. output 30 lpm; max. pressure 174 psi (12 bar) or optional 261 psi (18 bar). Mixes & pumps cement, flyash, bentonite and sand, packaged non-shrink grouts and underlayments. Utilizes C4 progressing cavity pump. Consistent flow, with variable output from 2 lpm to 30 lpm. One man operation.



##### CG-555/C4 Workhorse Trailer



**Thick-Mix Series****CG-570/C6 Thick-Mix Series**

Max. output 30 lpm;  
max. pressure 580 psi (40 bar).  
Mixes, pumps or sprays thick  
to thin materials including  
non-sag repair mortars,  
plasters, stuccos, fireproofing,  
waterproofing, bentonite  
and cement/sand grouts.  
Utilizes C6 progressive  
cavity pump.

**CG-575/C6  
Thick-Mix Trailer****Thin-Mix Series****CG-550/L4 Thin-Mix Series**

Max. output 30 lpm;  
max pressure 174 psi (12 bar)  
or optional 261 psi (18 bar).  
This efficient grouter mixes and  
pumps cement, cement/bentonite  
and cement/flyash mixes. A single  
operator can mix and pump  
providing a non-stop discharge  
of material. Ideal for well  
grouting. Uses L4 progressive  
cavity pump.

**CG-555/L4  
Thin-Mix Trailer****Geotech Series****CG-500/031/GT  
High-Capacity Geotech Series**

Max. output 90 lpm; max. pressure  
550 psi (38 bar). The versatile CG500/031  
Geotech Series pumps bentonites,  
neat cement and the latest geothermal  
grouts. Two large 265-litres mix tanks  
and a 170-litres holding hopper permits  
continuous output, as each mix tank  
alternates feeding the pump. Utilizes  
powerful 3" single action piston pump.  
Series is available with a single or double  
mix tank design and a choice of several  
power options.

\* Models shown with optional water batcher

**CG-555/031/GT  
Geotech Trailer****Versatile Series****CG-500/C6 Versatile Series**

Max. output 76 lpm;  
max. pressure 174 psi (12 bar)  
or optional 261 psi (18 bar).  
Twin 265-litres mix tanks on  
a single skid provide high  
volumes & continuous mixing  
for a wide range of applications.  
Mixes and pumps neat cement  
or sand/cement up to 2:1  
ratios. Uses C6 progressive  
cavity pump.

**CG-500/C6 Versatile Grout Plant**



**Sprayer/Finisher Series****CG-502/C4  
Sprayer/Finisher**

Max. output 10 gpm (38 lpm); max. pressure 174 psi (12 bar) or optional 261 psi (18 bar). Low profile design for surfacing, finishing/coating floors, walls and ceilings. Mixes and pumps self-leveling underlayments or sprays cementitious materials. Features twin 170-litres mix tanks and C4 progressing cavity pump.

**CG-502/030  
Multi-Purpose Grouter**

Maximum output 45lpm, 550 psi (38 bar). Ideal for higher output, multi-purpose grouting applications. Handles a wide variety of materials ranging from fluid slurries to repair mortars. Features two 170-litres mix tanks and 3" single acting piston pump.

**High Pressure Series****CG-500HP High Pressure Series**

Series features a double acting high pressure plunger pump available in 2 sizes. 2X8=57 lpm, 2000 psi, 3X8=75 lpm, 1000 psi. Unique pump design allows operator to customize discharge with an optional conversion kit. Perfect for cement slurries. Available in several power options.

**CG-600HP  
High Pressure  
Colloidal Series**

Series features same double acting high pressure plunger pump as CG500HP with the advantages of colloidal high shear mixing. Standard machines utilize 368-litres colloidal mixer and 368-litres agitating storage tank. Commonly used for foundations and tie backs.



\* Shown with optional water batcher

**High-Pressure Series****CG-580 High-Pressure Series**

Max. output 166 lpm; max. pressure 1,200 psi (80 bar). A high output, high pressure skid mounted grout plant that mixes and pumps neat cement, bentonites, lightly sanded grouts and most commercial pre-blended non-shrink grout mixes. Unit features two 480-litres mixing tanks, a 118-litres holding hopper and a 3.5X8 double acting plunger pump. Rugged steel frame includes collapsible worker's platform.

\* Shown with optional water batcher

**Cable & Rock Bolt Series****CG-542 Mining Grouter**

Max. output 13 lpm; 522 psi (36 bars) Low profile design ideal for a wide variety of mining and tunneling applications including rock bolts and cable stays. Mixes and pumps thicker grouts with low w:c ratios.

**High-Capacity Series****CG-580 High-Capacity Series**

Max. output 166 lpm; max. pressure 261 psi (18 bar). Mixes and pumps high volumes of material for a wide variety of applications. Unit features two 480-litres mixing tanks, a 118-litres holding hopper and your choice of 2J8 open throat or 3L8 progressive cavity grout pump. Rugged steel frame includes collapsible worker's platform and is available in several power options.

**Utiform Quattro**

Max. output 49 lpm; max. pressure 450 psi (31 bar). Self-contained with its own water pump, the wheel mounted Quattro delivers a steady, non-stop material flow for a variety of applications. Compact design allows easy movement through standard size doorways for access to the job site. Progressive cavity pump is ideal for cementitious grouts and self-leveling underlayments. Electric requires 440V, 20A, 3-phase.



## Colloidal Series

ChemGrout offers a wide variety of custom systems to fit the special requirements needed today for many unique applications. Please call us for information and pricing.

### CG-600 Colloidal Series

Max. output 76 lpm; max. pressure 261 psi (18 bar). Combines the latest advances in colloidal mixing and meets the high-shear mixing standards required by a growing number of industries. Process reduces mix time and increases fluidity, both important factors in dam, rock and soil grouting. The high strength benefits of the colloidal process are also necessary for sensitive applications such as post-tensioning.



### CG-680 High Capacity Colloidal Series

Max. output 87-174 lpm; max. pressure 261 psi (18 bar). High capacity colloidal grout plant is specially designed for large, heavy construction projects. Mixes and pumps slurries of cement, fly ash, bentonite and lime flour. Commonly used in tunneling, mining, dam foundations, soil compaction and encasements. Units feature both a 481-litres colloidal mixer and agitating storage tank.



### CG-620 Colloidal Mixer

The CG-620 is a skid mounted, stand-alone colloidal mixer, used with other ChemGrout agitating/pumping equipment. Featuring ChemGrout's "Turbo Mix" colloidal mixing pump, the CG-620 is available in 8, 13 and 17 cubic foot sizes.



### CG-680/3.5X8 High Pressure Colloidal Series

Max. output 120 lpm; max. pressure 1,500 psi (103 bar). High Pressure colloidal grout plant is ideal for heavy construction projects such as foundations, tunnels, mining and anchors. Cement slurries, bentonite, fly ash and lime flour are commonly used. Units feature 481-litres colloidal mixer, 481-litres agitating tank and high capacity, double acting plunger pump.



## Accessories



Heavy Duty  
Grout Hose



Fill Rite  
Water Meter



Water  
Batcher



Protected  
Pressure Gauge



Multi-Purpose  
Spray Wand



Mechanical  
Surface Packer



Hand  
Mixer

## How to Select a Grout Plant:

### Step 1:

Identify your application and determine the materials required.

### Step 2:

Determine the maximum flow rate (lpm) and grouting discharge pressures (PSI) needed for your application.

### Step 3:

Select a grout pump based on flow rate and pressure requirements.

050 Piston Pump 2" = 19 lpm, 225 PSI  
030 Piston Pump 3" = 61 lpm, 550 PSI  
031 Piston Pump 3" = 91 lpm, 550 PSI  
C4 Progressive Cavity Pump = 30 lpm, 174/261 PSI  
C6 Progressive Cavity Pump = 76 lpm, 174/261 PSI  
Plunger Pump = 45-121 lpm, 1000, 2000 PSI

### Step 5:

Select a mixing system.  
(example: CG-500/3C6/A)

Paddle Mixer  
(model numbers starting with . . . CG-5)

Colloidal Mixer  
(model numbers starting with . . . CG-6)

### Step 4:

Select a power system.

A = Air

H = Hydraulic

EH = Electric/Hyd.

GH = Gas/Hyd.

DH = Diesel/Hyd.

**ChemGrout®**



## Contact Us for More Info!