

# ChemGrout CG-600

## Colloidal Grout Plant



- Durable and efficient, the ChemGrout CG-600 offers the advantages of high-efficiency colloidal mixing in a compact package.
- Designed to meet the high-shear colloidal mixing standards specified by a growing number of industries.
- Mixer, holding tank and pump are mounted in one compact package for quick, easy set-up and immediate operation.
- Water and solid materials are drawn through the high-speed diffuser type pump rotating at speeds of up to 2,000 RPM to prevent flocculation and achieve complete particle wetness.
- Mixing time is significantly reduced by the high shear action of the colloidal mixing pump, aided by a unique powered bridge breaker device to enhance induction.
- ChemGrout's patented 3L6A closed throat progressive cavity pump delivers a steady, non-pulsating output of material.



**Air Powered**  
CG600/8CF/3L6/A



**Power Pack Options**  
CG-PU24/DH and CG-PU/EH

### APPLICATIONS

- Post tensioning
- Tunnels
- Shafts
- Mining
- Permeation grouting
- Soil & rock grouting
- Waterproofing
- Soil anchors rock bolts
- Soil nails
- Tie backs
- Earth anchors



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### Pump

Pump	Size 6, closed throat, progressing cavity
Maximum Output / Pressure	20 gpm (76 lpm) 261 psi (18 bar)

### Colloidal Mixer

Mix Tank	8.0 cf w/ bottom cleanout
Mixing Pump	2 x 3 x 6 diffuser – type centrifugal
Holding Tank	9.0 cf paddle agitated

CG600/3L6 Skid Power	Requires	Weight	Size (L x W x H)
Air	250 cfm, 100 psi	539.8kg	223.5 x 86.36 x 149.9cm

Hydraulic	20 gpm, 2000 psi	521.6kg	223.5 x 86.36 x 149.9cm
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Power Packs	Requires	Weight	Size (L x W x H)
Electric / Hyd – 3 Phase	Several Voltages	Varies	Varies by Voltage
Diesel / Hydraulic	24HP Diesel / Electric Start	793.8kg	188 x 86.36 x 94cm



**ChemGrout's "Turbomix"** significantly reduces mix time, enhancing flow rate and maximising jobsite operation.

Specially designed tanks and mixing pumps make ChemGrout colloidal mixing efficient and economical. Ideal for use with all types of neat cements, ultra / micro-fine cements, Bentonite slurries, Flyash, Lime dust and post tension grouts.

