

**ChemGrout**<sup>®</sup>

# CG-542 Rock Bolt & Cable Grouter



**Low profile, compact design is ideal for the grouting of rock bolts and cable stays in mines and tunnels**



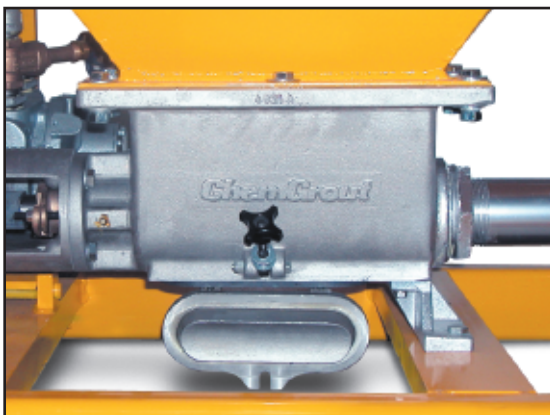
**CG-542A  
Air Powered**

Twin 22-gallon (83 liter) mix tanks, large holding hopper and centrally located controls allow a single operator continuous operation.

Special low profile design allows for easy movement and use in tight spaces such as mines and tunnels.

Maximum Output 8 gpm (31 lpm). Maximum pressure 261 psi (18 bar), optional 522 psi (36 bar).

Power options include air, hydraulic, electric/hydraulic & diesel/hydraulic.



Hinged clean-out port provides operator easy access for maintenance and clean-up.

**ChemGrout**<sup>®</sup>

Widest Selection of Grouting Equipment in the World



## CG-542 - Simple, Compact and Efficient

The ChemGrout CG-542 Series are skid-mounted grout plants specially designed for work in confined work areas. Two 22-gallon mix tanks, a 10-gallon holding hopper and progressing cavity pump provide a continuous, non-stop pumping process. Mix tanks are equipped with baffles, bag breakers and variable speed high-efficiency paddles that provide rapid mixing. A unique feature of these mix tanks enables the tops to be removed for quick and easy clean up.

Once the material is mixed, it passes through the large slide gates of the tank outlet valves into the holding hopper. The 10-gallon holding hopper is equipped with an auger to keep material thoroughly mixed while waiting to advance to the pump suction housing. A positive displacement, progressing cavity, rotor-stator type pump then delivers the material to the application.

Operator controls are centrally located for efficient production. All components are easily accessible for operating, cleaning and maintenance.



The Model 542H, shown above grouting rock bolts, is ideal for non-flowable cement grouts with water/cement ratios as low as .40 (.35 with Super "P").

## Specifications

CG 542 Pumps	Progressing Cavity Pump	Mixing Tank	Holding	Max. Output	Max. Pressure
6CM3 — 6 Stage	6 Stage, Size 3, open throat	Two - 22 Gallon	10 Gallon	3.5 gpm	522 psi (36 bar)
3C4 — 3 Stage	3 Stage, Size 4, open throat	Two - 22 Gallon	10 Gallon	5.0 gpm	261 psi (18 bar)

CG 542 Skid - Pwr	Required	Weight	Size
Air	175 cfm, 100 psi	800 lbs.	64" (163 cm) x 31" (79 cm) x 52" (132 cm)
Hydraulic	10 gpm, 2000 psi	855 lbs.	64" (163 cm) x 31" (79 cm) x 52" (132cm)
Electric/Hyd. — Pwr. Unit	3 Phase — Several Voltages Available	800 lbs.	40" (102 cm) x 34" (87 cm) x 34" (87 cm)
Diesel Hyd. — Pwr. Unit	Self-Contained	800 lbs.	54" (137 cm) x 40" (102 cm) x 39" (99 cm)

## Accessories

**Grout Hose.** Equipped with quick disconnect fittings. Available in 25 and 50 foot lengths.



**Water Meters.** Available in manual or automatic. Accurately measures the water for each batch.



**Diaphragm Protected Pressure Gauge.**



**Mechanical Surface Packer.** Equipped with shut-off valve and a quick disconnect fitting.

## Applications include:

Rock bolts, rock anchors pre-grouting, water infiltration control, rock/soil nails, contact grouting and shaft abandonment.

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Rev. 05/07