



CG-542 Cable & Rock Bolt Grout Plant



Product Page:

<https://www.chemgrout.com/products/specialty-equipment/cg-542-cable-rock-bolt-grout-plant/>

Product Summary

Product Description

The ChemGrout model CG-542 is a skid mounted air powered grout plant. The unit is specially designed with a low profile for grouting rock bolts and cable stays in tight quarters such as tunnels and mines. This system is designed to provide a mixing and pumping continuous operation. This unit features two 22-gallon mixing tanks, a 10-gallon holding hopper and a progressing cavity grout pump. The mixing

tanks are equipped with baffles, bag breakers and variable speed high-efficiency paddles that provide rapid mixing. The tank outlet valves are large slide gates that allow the thickest materials to fall easily into the pump hopper. The holding hopper is equipped with an auger to keep the material thoroughly mixed while waiting to be pumped and is connected directly to the suction of the grout to provide a continuous pumping operation. The grout pump is available in either a 6 stage, size 3, positive displacement, progressing cavity, rotor-stator type that will deliver 3.5 GPM, 522 PSI, or a 3 stage, size 4, positive displacement, progressing cavity, rotor-stator type that will deliver 5 GPM, 261 PSI. The rugged steel frame stands up to the toughest conditions on the job site. Operator controls are centrally located for efficient production. All components are easily accessible for operating, cleaning and maintenance.

Applications

Rock bolts, rock anchors, cable grouting, cable stays, waterproofing, rock and soil nails.

Specifications

Model Progressive Cavity Pump Mixing Tanks Hopper Max. Output Max. Pressure

CG542/6CM3

6 Stage, Size 3, Open Throat

2 @ 22 Gallon each

10 Gallon

3.5 GPM (13 LPM)

522 PSI (36 BAR)

CG542/3C4

3 Stage, Size 4, Open Throat

2 @ 22 Gallon each

10 Gallon

5 GPM (19 LPM)

261 PSI (18 BAR)

Requirements, Weights, and Dimensions

Model Number Description Dimensions Weight

CG542/6CM3/A

Skid Mounted Air Powered Grout Plant

Requires 175 CFM, 100 PSI

64 L X 31 W X 52 H

800 lbs

CG542/6CM3/H

Skid Mounted Hydraulic Powered Grout Plant

Requires 10 GPM, 1500 PSI

64 L X 31 W X 52 H

855 lbs

CG542/3C4/A

Skid Mounted Air Powered Grout Plant

Requires 185 CFM, 100 PSI

64 L X 31 W X 52 H

800 lbs

CG542/3C4/H

Skid Mounted Hydraulic Powered Grout Plant

Requires 10 GPM, 1500 PSI

64 L X 31 W X 52 H

855 lbs

Product Gallery

CG542/3C4/A



