

ChemGrout CG-500

Versatile Series



- Highly versatile, the CG-500 handles a broad range of grouting applications including tunnels, shafts, dams, plant maintenance and geotechnical works.
- The unique twin mix tank design permits continuous pumping as each tank alternates feeding the hopper.
- This non-stop pumping process maximises the batching of materials such as neat cement, sand / cement and most commercial pre-bagged grouts.
- Two high-capacity 264 litre mixing tanks, pump and 57 litre holding hopper are all mounted on a single skid for quick, easy set up and immediate operation.
- The holding hopper includes an internal auger that keeps the material thoroughly mixed while supplying the pump.
- The open throat group pump features a non-pulsating positive displacement rotor-stator that provides a constant discharge of materials. This progressing cavity pump is variable speed with an output of up to 76 lpm with a standard maximum pressure of 174 psi (261 psi optional)



APPLICATIONS

- Soil compaction
- Rock grouting
- Void filling
- Waterproofing
- Soil anchors
- Cable bolts
- Rock bolts
- Well encasements
- Contact grouting
- Well abandonment
- Post tensioning
- Precast
- Self-levelling floor under layments
- Slab undersealing
- Slabjacking



Specially designed mix tank provides high shearing action for thorough and complete particle wetting, producing superior grout.



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CG-500	Output (lpm)	Pressure	Required	Weight	Size (L x W x H)
Air	77	174 psi 12 bar	250 cfm, 100 psi	499kg	223.5 x 86.4 x 147.3cm
Hydraulic	77	174 psi 12 bar	12 gpm, 1200 psi	476kg	223.5 x 86.4 x 147.3cm
Electric / Hydraulic	77	174 psi 12 bar	3 Phase Only (several voltages available)	703kg	223.5 x 86.4 x 147.3cm
Gas / Hydraulic	77	174 psi 12 bar	Self contained	646kg	223.5 x 86.4 x 147.3cm
Diesel / Hydraulic	77	174 psi 12 bar	Self contained	737kg	254 x 86.4 x 147.3cm

ACCESSORIES



Grout Hose equipped with quick disconnect fittings. Available in 7.5 & 15m 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



CG-500GH Gas / Hydraulic



New high-strength aluminium alloy progressing cavity pump with quick access cleanout port.

