

ChemGrout®

CG-450 High-Shear Injection Series

ChemGrout's CG-450 High-Shear Injection Series is specially designed for vacuum grouting of post tensioned cable ducts.

CG-450/2L4/EH
Electric/Hyd. Powered



ChemGrout's high-shear variable speed propeller rotates at up to 3000 rpm.

The ChemGrout CG450 features a 2L4 progressive-cavity pump capable of a steady 6 gpm and 174 psi.

A 22-gallon, high-shear mix tank and a 34-gallon agitating tank constantly feed pump for continuous operation.

Heavy-duty frame and lifting lug stand up to the rugged conditions of post tension grouting.

Power options include electric/hydraulic, gas/hydraulic and diesel/hydraulic..

ChemGrout

Widest Selection of Grouting Equipment in the World

CG-450 High-Shear Injection System – Powerful, Durable and Efficient

The ChemGrout CG-450/2L4/EH/VSL is a custom designed, skid or wheel mounted, high shear injection system designed for vacuum grouting of post tensioned cables ducts. This unit is designed to inject PT Cable grouts for the repair of small voids. Materials include Sika 300 PT, MBT 1205 and a wide variety of other PT grouts. This unit features a 20-gallon (76 liters) high shear mixing tank, a 2L4 progressing cavity pump, and a 34 gal (128 liter) agitator tank, all powered by a 230/460V, three phase electric motor. The mixing tank is equipped with a baffle and a variable speed high-shear propeller, rotating at speeds up to 3000 rpm, providing rapid mixing action. From the mix tank, material flows through a large 4" slide valve, onto a fine mesh screen, and into the agitator tank. The injection pump is a variable speed, positive displacement, progressing cavity pump that delivers up to 6 gpm, 174 psi (22 lpm, 12 bar). This unit is powered by a 7.5 HP heavy duty, high efficiency electric motor that drives the hydraulic motors for the mixer, agitator and pump. The rugged steel frame, complete with caster type wheel stands up to the toughest conditions on the job site. All moving parts are covered for safety. Operator controls are centrally located for efficient production.



2L4 Progressive Cavity Pump

SPECIFICATIONS

Progressive Cavity Pump	Mix Tank	Agitating Tank	Max. Output	Max. Pressure
ChemGrout 2L4 Grout Pump	20 gallons (76 liters/minute)	34 gallon (128 liter)	6 gpm (22 lpm)	174 psi (12 bar)

Model Number	Description	Dimensions	Wt.
CG450/2L4//EH	Skid Mounted Electric/Hydraulic Powered Grout Plant	54" L X 38" W X 59" H	800 lbs

Accessories



Grout Hose



Flow Cone



Grout Header



Water Meter

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