

ChemGrout® CG-500 High-Pressure Series

The field proven ChemGrout High-Pressure Series offers maximum performance and versatility for the grouting of mines, dams, tiebacks, foundations, soil & rock anchors.

CG-500/3X8/A
Air Powered



Patented U-clip design dramatically reduces disassembly time for cleaning and maintenance.

ChemGrout's patented double acting, positive displacement plunger pump features durable cast iron construction for the punishing demands of high-pressure grouting.

Unique pump design allows operator to customize discharge pressures with an optional conversion kit. Pressure outputs available in configurations of 1000 and 2000 psi.

Reversible ball seats and chrome plated plungers significantly reduce maintenance costs.

Two 70-gallon (265 liter) mixing tanks & 21-gallon (80 liter) holding hopper allows for continuous production. Pumping rates up to 20 gpm (76 lpm).

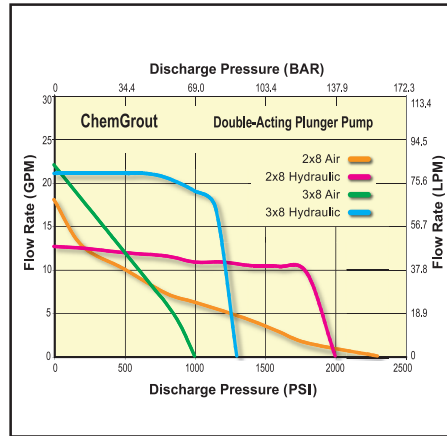
ChemGrout®

Widest Selection of Grouting Equipment in the World

CG-500 High-Pressure Series — Durable, Flexible and Efficient

With an equipment line of durable, user-friendly grouting equipment, ChemGrout's CG-500 High-Pressure Series is no exception. The CG-500 High Pressure Series combines the latest advances in grouting equipment design with enhanced flexibility. These field proven grout plants feature two high capacity 70-gallon (265 liter) mixing tanks, a 21-gallon (80 liter) holding hopper and ChemGrout's patented high-pressure plunger pump. Mixer and pump are mounted on a single skid for quick, easy set-up and immediate operation.

The CG-500HP features a unique double mix tank design that permits continuous pumping as each mix tank alternates feeding the holding hopper. Both mixers are equipped with baffles, bag breakers and variable speed high-efficiency paddles that provide rapid mixing. The tank outlets are large slide gates that allow the thickest of materials to flow quickly and easily into its removable holding hopper.

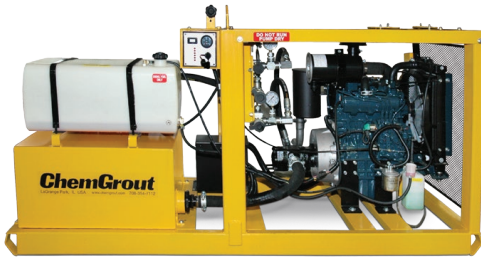


The system's holding hopper is connected directly to a double acting, positive displacement plunger pump that is available in two configurations, offering discharge pressures of up to 2000 psi. The pump's

special design allows the operator to customize discharge pressures through the use of optional conversion kits. This unique conversion of pressure outputs offers flexibility, is cost effective, and available for both pumps in the series. These high performance pumps are standard with the CG-500HP Series or available separately.

ChemGrout continues to utilize its more than 50 years of experience to help insure jobsite success. The patented high-pressure plunger pumps utilize rapid disconnect U-clip fasteners allowing rapid disassembly for cleaning and maintenance. The CG-500HP, with many unique and innovative features such as cast iron construction, chromed plungers (providing extended wear), and double tapered ball seats (doubling the wear cycle) continue to make this series the industry standard for high pressure grouting.

ChemGrout's CG-PU33/DH Diesel/Hydraulic Power Pack



Separate power packs provide a clean, quiet and vibration free working environment.

Pump Size	Power	Max. Output	Max. Pressure
2" x 8"	Air	16 gpm (60 lpm)	2000 psi (138 bar)
2" x 8"	Hydraulic	12 gpm (45 lpm)	2000 psi (138 bar)
3" x 8"	Air	24 gpm (90 lpm)	1000 psi (69 bar)
3" x 8"	Hydraulic	20 gpm (77 lpm)	1000 psi (69 bar)

CG500HP Skid Power	Required	Weight	Size
Air	250 cfm, 100 psi	1300 lbs	88"L x 34"W x 58"H
Hydraulic	2 supplies-Mixers 8 gpm, 1500 psi/ Pump 16 gpm, 2400 psi	1100 lbs	88"L x 34"W x 58"H

CG500HP Skid Power	Required	Weight	Size
Electric/Hydraulic	3 ph - several voltages available	Varies	Varies by voltage
Diesel/Hydraulic	33 HP Kubota diesel/elec. start	1032 lbs	74"L x 34"W x 37"H



Dam Restoration



Tie Backs



Water Cut-off



Fracturing/Regrouting

Applications include:

Soil nails, tie backs, earth anchors, high-pressure rock grouting, cable & rock grouting, fracturing/regrouting, foundation stabilization/raising, soil compaction grouting, slab undersealing, slabjacking/raising, underwater foundations, water cut-offs, piers/breakers, shoreline foundations, contact grouting, waterproofing and more.

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