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

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.
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.

**SPECIFICATIONS**

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

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CG450/2L4/EH</td>
<td>Skid Mounted Electric/Hydraulic Powered Grout Plant</td>
<td>54&quot; L X 38&quot; W X 59&quot; H</td>
<td>800 lbs</td>
</tr>
</tbody>
</table>

**Accessories**

- Grout Hose
- Flow Cone
- Grout Header
- Water Meter

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**ChemGrout**

Widest Selection of Grouting Equipment in the World

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