ChemGrout’s Multi-Purpose Series combines efficiency and versatility for a wide variety of applications.

The Multi-Purpose Series utilizes ChemGrout’s patented CG031 piston pump for ease of operation and higher outputs.

ChemGrout’s CG031 positive displacement piston pump offers versatility and low cost maintenance.

Efficiently mixes and pumps most pre-packed non-shrink grouts and repair mortars.

Two 45-gallon (170 liter) mixing tanks, large holding hopper and centrally located controls allow continuous production with a single operator.

Power options include air, hydraulic, gas/hydraulic, electric/hydraulic and diesel/hydraulic.
CG502 Multi-Purpose Series - Portable, Versatile and Cost Efficient

The ChemGrout model CG502/031 is a skid mounted grout plant, using a twin mix tank system. The unit is designed for maximum efficiency by allowing a simultaneous mixing and pumping operation. The Model CG-502 features two 45 gallon mix tanks, a 30 gallon holding hopper, and ChemGrout's patented single-acting 3” piston grout pump. This balanced dual mix tank design permits continuous pumping as each mix tank alternates feeding the pump. Both mix tanks are equipped with baffles, bag breakers and a variable speed high-efficiency paddle mixer that provides a rapid mixing of material. The tank outlet utilizes a large slide gate that allows viscous grouting materials to flow quickly into a removable holding hopper. This large hopper is optimally sized to provide a continuous pumping process. The grout pump is a 3” positive displacement, pulsating piston pump that completely disassembles and reassembles in minutes using only a hammer. The rugged steel frame stands up to the toughest of jobsite conditions, with operator controls centrally located for efficient production.

For higher output and multi-purpose grouting, the CG502/031 is offered with a single acting, variable speed piston pump. Engineered for ease of operation and low cost maintenance, the CG-031 piston pump handles a wide variety of materials. The unique staple lock construction holds all working components together, allowing parts to be easily accessed for cleaning and maintenance.

Specifications

<table>
<thead>
<tr>
<th>Pump</th>
<th>Power</th>
<th>Mixing Tanks</th>
<th>Holding Hopper</th>
<th>Max. Output</th>
<th>Max. Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>031 Piston Pump</td>
<td>Air</td>
<td>Two - 45 Gallon</td>
<td>30 Gallon</td>
<td>20 GPM</td>
<td>400 PSI</td>
</tr>
<tr>
<td>031 Piston Pump</td>
<td>Hydraulic</td>
<td>Two - 45 Gallon</td>
<td>30 Gallon</td>
<td>16 GPM</td>
<td>550 PSI</td>
</tr>
</tbody>
</table>

Model Number Description            Dimensions Weight
CG502/031/A  Skid Mounted Air Powered Grout Plant Requires 185 CFM, 100 PSI 82"L X 31"W X 55"H 730 lbs
CG502/031/H  Skid Mounted Hydraulic Powered Grout Plant Requires dual circuit 9 & 6 GPM, 2300 PSI 82"L X 31"W X 55"H 730 lbs
CG502/031/EHT Skid Mounted Electric/Hydraulic Grout Plant Requires 3 Phase Power, several voltage option available 82"L X 31"W X 55"H 980 lbs
CG502/031/GHES Skid Mounted Gas/Hydraulic Grout Plant Self-Contained, 20 HP Honda Gas Engine 82"L X 31"W X 55"H 980 lbs
CG502/031/DHES Skid Mounted Diesel/Hydraulic Grout Plant Self-Contained, 20 HP Kubota Diesel Engine 82"L X 31"W X 55"H 980 lbs

Accessories

Grout Hose  Equipped with quick disconnect fittings. Available in 25 and 50 foot lengths.

Water Meters  Available in manual or automatic. Accurately measures the water for each batch.

In-Line Protected Pressure Gauge

Mechanical Surface Packer  Equipped with shut-off valve and a quick disconnect fitting.

Applications include:
Underlayments, void filling, waterproofing, marine/underwater, anchor/rock bolts, well casings, abandon shaft/holes and undersealing/slab raising.

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