

**OPEN MOLD EQUIPMENT | GELCOAT EQUIPMENT**

**Patriot™ Gelcoat Systems**

Precision and accuracy are the keys to success and the Patriot™ Gelcoat Systems offer a positive displacement pump design that delivers highly accurate ratio control of ±0.1%.



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Unique Patriot™ pumping system</li> <li>• Catalyst-to-resin variances less than 1%</li> <li>• Lower production costs</li> <li>• Versatile modular components</li> <li>• Available in Internal &amp; External Mix configurations</li> </ul> <p>The Patriot™ Gelcoat System features a deep induction heat hardened Fluid Section which is then coated with a thick hard chrome layer to increase the wear characteristics of the system, allowing it to run for longer periods.</p>	<p><b>PATRIOT™ GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> approximately 1 - 6 lbs./min. (.45 - 2.7 kg/min.)</p> <p><b>Catalyst Percentage:</b> 1% to 4% by volume</p> <p><b>Air Consumption:</b> 18 CFM (142 - 198 L/min.)</p> <p><b>Displacement:</b> 2.45 in.3 (40.15 cc)/stroke or 4.90 in.3 (80.3 cc)/cycle</p> <p><b>Pump Ratio:</b> 5" Powerhead, 15:1 - 7" Powerhead 30:1</p> <p><b>Maximum Air Input Pressure:</b> 100 psi (7 bar, 0.7 MPa)</p>	<ul style="list-style-type: none"> <li>• CFH-4000-B</li> <li>• CFH-4000-AI (Air Initiate)</li> <li>• CB-8000 Monitor</li> <li>• CTS-9000 Catalyst Alarm</li> <li>• CFH-2000 Series Heater</li> <li>• M-AGD Mixers</li> </ul>

**Patriot™ Multi-Color Gelcoat System**

Easy to setup, easy to operate, and easy to maintain with Magnum Venus Products's renowned durability.



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Unique Patriot™ pumping system</li> <li>• Catalyst-to-resin variances less than 1%</li> <li>• Lower production costs</li> <li>• Versatile modular components</li> <li>• Fewer parts, stainless steel where you need it, and a rugged design combine to make this system the operator's choice.</li> </ul> <p>With a heavy duty stainless steel catalyst pump, this machine allows the operator to adjust the preferred setting with ease - infinite catalyst percentage settings available with a simple adjustment.</p>	<p><b>PATRIOT™ MULTI-COLOR GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> approximately 1.5 - 7 lbs./min. (.85 - 3.4 kg/min.)</p> <p><b>Catalyst:</b> 0.75% to 3% by volume</p> <p><b>Air Consumption:</b> 18 CFM (510 L/min.)</p> <p><b>3.25" Air Motor:</b> 15:1</p> <p><b>Maximum Air Input Pressure:</b> 100 psi</p>	<ul style="list-style-type: none"> <li>• CFH-4000-B</li> <li>• CFH-4000-AI (Air Initiate)</li> <li>• CB-8000 Monitor</li> <li>• CTS-9000 Catalyst Alarm</li> <li>• CFH-2000 Series Heater</li> <li>• M-AGD Mixers</li> <li>• Up to 8 colors</li> </ul>

**UltraMAX™ Gelcoat Systems**

Fewer parts, stainless steel where you need it, and a rugged design, combine to make this system the operator's top choices.



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Modular Versatility</li> <li>• Rugged Components</li> <li>• Multiple Configurations</li> </ul> <p>Magnum Venus Products' (MVP) Ultra-MAX™ FIT® Gelcoat system features low pressure with easy setup, easy operation and easy maintenance along with MVP's renowned durability, all of which unite to deliver the composites industry a reliable workhorse.</p> <p>This machine allows the operator to adjust the preferred setting with ease. Infinite catalyst settings are available with a simple adjustment.</p>	<p><b>ULTRAMAX™ GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> 1-6 lbs./min (.45-2.7 kg/min)</p> <p><b>Catalyst Percentage:</b> .75% to 3% by volume</p> <p><b>Air Consumption:</b> 5-7 CFM (142 - 198 L/min)</p> <p><b>Pump Ratio:</b> 11:1, 20:1 &amp; 30:1</p> <p><b>Maximum Air Input Pressure:</b> 100 psi</p>	<ul style="list-style-type: none"> <li>• CFH-4000-B</li> <li>• CFH-4000-AI (Air Initiate)</li> <li>• CB-8000 Monitor</li> <li>• CTS-9000 Catalyst Alarm</li> <li>• CFH-2000 Series Heater</li> <li>• M-AGD Mixers</li> </ul>

### UltraMAX™ Multi-Color Gelcoat System

The Pro-Rider is ideal for spraying small parts and features proven MVP technology.



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Modular versatility</li> <li>• Rugged components</li> <li>• Multiple configurations</li> </ul> <p>Magnum Venus Products' (MVP) easy-to-setup, easy-to-operate and easy-to-maintain Multi-Color Gelcoat unit possesses renowned durability, fewer parts, stainless steel where you need it, and a rugged design.</p> <p>The UltraMAX™ Multi-Color Gelcoat unit utilizes quick-change components, extending the system-life and resulting in reduced down time. The major components change out in 10 minutes or less.</p>	<p><b>ULTRAMAX™ MULTI-COLOR GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> (20:1, 4.25" Powerhead): approx. 4 lbs./min (1.8 kg/min)</p> <p><b>Catalyst:</b> 0.75% to 3% by volume</p> <p><b>Air Consumption:</b> 18 CFM (510 L/min)</p>	<ul style="list-style-type: none"> <li>• CFH-4000-B</li> <li>• CFH-4000-AI (Air Initiate)</li> <li>• CB-8000 Monitor</li> <li>• CTS-9000 Catalyst Alarm</li> <li>• CFH-2000 Series Heaters</li> <li>• M-AGD Mixers</li> <li>• Up to 8 colors</li> </ul>

### MiniPro Gelcoat System

The MiniPro Gelcoat system features reliable low pressure gelcoat delivery, easy setup, easy operation and easy maintenance with Magnum Venus Product's renowned durability.



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Fewer parts</li> <li>• Stainless steel where you need it</li> <li>• Rugged design</li> </ul> <p>The MiniPro Gelcoat system features reliable low pressure gelcoat delivery, easy setup, easy operation and easy maintenance with Magnum Venus Product's renowned durability. Fewer parts, stainless steel where you need it, and a rugged design, combine to make this system the ultimate in versatile, portable gelcoating equipment.</p>	<p><b>MINIPRO GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> approximately 1-4 lbs./min. (.45-1.8 kg/min.)</p> <p><b>Catalyst Percentage:</b> 0.5% to 3% by volume</p> <p><b>Air Consumption:</b> 5-7 CFM</p> <p><b>Pump Ratio:</b> 11:1 &amp; 22:1</p> <p><b>Maximum Air Input Pressure:</b> 100 psi</p> <p><b>ADVANTAGE GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> approximately 0.5-4 lbs./min. (0.23-1.8kg)</p> <p><b>Catalyst Percentage:</b> 1.5% to 3% by volume</p> <p><b>Air Consumption:</b> maximum 5-7 CFM</p> <p><b>Pump Ratio:</b> 11:1 &amp; 22:1</p> <p><b>Maximum Air Input Pressure:</b> 100 psi</p>	<ul style="list-style-type: none"> <li>• CFH-2000 Series Heater</li> </ul>

### Pro Rider Gelcoat System

The Pro-Rider is ideal for spraying small parts and features proven MVP technology.



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Ideal for small or start-up operations</li> <li>• Quick set-up &amp; easy installation</li> <li>• Low entry level pricing</li> </ul> <p>The Pro Rider Gelcoat unit is an economical unit for external/internal mix gelcoat.</p> <p>It is the perfect unit for small operations that have made the decision to go from bucket-and-brush gelcoating, to an efficient, affordable spray system.</p>	<p><b>PRO RIDER GELCOAT SYSTEM</b></p> <p><b>Output Capabilities:</b> approx. 1 - 4 lbs./min. (.45 - 1.8 kg/min.)</p> <p><b>Catalyst:</b> 1.5% to 3.25% by volume</p> <p><b>Air Consumption:</b> 5-7 CFM (142-198 L/min.)</p> <p><b>Average Crated Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Length: 60" (152 cm)</li> <li>• Width: 24" (61 cm)</li> <li>• Height: 30" (76 cm)</li> <li>• Weight: 157 lbs. (71 kgs)</li> </ul>	<ul style="list-style-type: none"> <li>• TLN-XG-300</li> <li>• ITD-3500 Gun</li> </ul>