

### 10:1 5 & 55 Gallon Adhesives System

Count on simple, highly accurate metering and mixing with this rugged, easy-to-maintain unit.



Description	Specifications	Options
<p><b>System features:</b></p> <p>Patriot™ technology: the most accurate &amp; reliable metering system made for methacrylate adhesive bonding materials</p> <ul style="list-style-type: none"> <li>• Chop Check Fluid Section</li> <li>• Double Acting Piston Pumps</li> <li>• No Gear Pumps</li> <li>• Rugged Stainless Steel UltraBond Gun</li> <li>• Stainless Steel Transfer Pumps &amp; Catalyst Pumps</li> </ul>	<p><b>Patriot 10:1 5 Gallon Adhesive</b></p> <p><b>Output Capabilities:</b> 1 LB/MIN - 4 LBS/MIN (.452 KGS/MIN - 1.81 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Activator Percentage:</b> 10% by volume</p> <p><b>Available Pump Ratio:</b> 23:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Robotic Option with Auto 1:1 Pro Gun</li> <li>• Booms</li> </ul>



Description	Specifications	Options
<ul style="list-style-type: none"> <li>• Accurate metering &amp; mixing - No gear pumps!</li> <li>• Easy-to-maintain - double acting piston pumps</li> <li>• All stainless steel construction</li> <li>• Transfer pump</li> <li>• Proportioner pump</li> <li>• Dispensing gun</li> </ul>	<p><b>ULTRABOND 10:1 55-GALLON ADHESIVES SYSTEM</b></p> <p><b>Output Capabilities:</b> 4 LBS/MIN - 16 LBS/MIN (1.8 KGS/MIN - 7.3 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Activator Percentage:</b> 10% by volume</p> <p><b>Available Pump Ratio:</b> 30:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Robotic Option with Auto 1:1 Pro Gun</li> <li>• Booms</li> </ul>



Description	Specifications	Options
<p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• Patriot™ Technology: The most accurate &amp; reliable metering system made for methacrylate adhesive bonding materials</li> <li>• Excellent Choice for Robotics</li> <li>• Chop Check Fluid Sections</li> <li>• Double Acting Piston Pumps</li> <li>• No Gear Pumps</li> <li>• Rugged Pro Gun Available in Standard &amp; Automatic</li> </ul>	<p><b>PATRIOT™ 10:1 55-GALLON LOW-FLOW ADHESIVES SYSTEM</b></p> <p><b>Output Capabilities:</b> 1 LB/MIN - 4 LBS/MIN (.452 KGS/MIN - 1.81 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Activator Percentage:</b> 10% by volume</p> <p><b>Available Pump Ratio:</b> 30:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Booms</li> <li>• Auto Guns</li> </ul>

### 1:1 5 & 55 Gallon Adhesives/Sealants Systems

1:1 Adhesive & Sealant Dispensing Systems



Description	Specifications	Options
<p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• Methacrylates</li> <li>• Silicones</li> <li>• Polyurethanes</li> <li>• Unmatched Patriot™ Technology</li> <li>• Precise material placement</li> <li>• No gear or transfer pumps needed</li> </ul> <p>This system operates at a fixed 1:1 material ratio, with no gear or transfer pumps needed, and a power ratio of 15:1 with the 7" Patriot™ Powerslide Powerhead. It was designed for use in the hardest and most critical application, which is the very accurate small shot size of mixed metered materials.</p>	<p><b>PATRIOT™ 1:1 5-GALLON ADHESIVES SYSTEM</b></p> <p><b>Output Capabilities:</b> 1 LB/MIN - 4 LBS/MIN (.452 KGS/MIN - 1.81 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Activator Percentage:</b> 50% by volume</p> <p><b>Available Pump Ratio:</b> 23:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Robotic Option with Auto 1:1 Pro Gun</li> <li>• Booms</li> </ul>

## 1:1 Adhesives/Sealants 5 & 55 Gallon Systems (continued)

### 1:1 Adhesive & Sealant Dispensing System



Description	Specifications	Options
<p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• Accurate metering &amp; mixing - No gear pumps!</li> <li>• Easy-to-maintain - double acting piston pumps</li> <li>• All stainless steel construction</li> <li>• Transfer pump</li> <li>• Proportioner pump</li> <li>• Dispensing gun</li> </ul>	<p><b>ULTRABOND 1:1 55-GALLON ADHESIVES SYSTEM</b></p> <p><b>Output Capabilities:</b> 8 LBS/MIN - 32 LBS/MIN (3.6 KGS/MIN - 14.5 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 50 CFM (1.4 m<sup>3</sup>/MIN)</p> <p><b>Mix Ratio:</b> 1:1</p> <p><b>Activator Percentage:</b> 50% by volume</p> <p><b>Available Pump Ratio:</b> 15:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Booms</li> <li>• Auto Guns</li> </ul>

## Chop Check Putty System 5 & 55-Gallon

This compact, efficient system provides a new level of precision in the delivery of putty to your product.

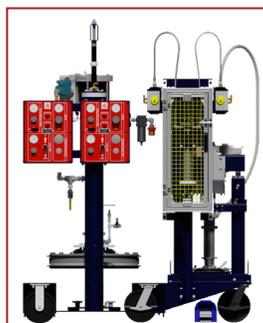


Description	Specifications	Options
<p>The Patriot™ 5-Gallon Chop Check Putty System is designed to dispense medium viscosity polyester putty for MEKP cure, provide a steady flow of material, with a balanced air motor and fluid section delivering a power ratio of 23:1.</p> <p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• Thorough mix of materials</li> <li>• Increased efficiency</li> <li>• Steady delivery of material</li> <li>• Polyester Putty's</li> <li>• Unmatched Patriot™ technology</li> <li>• Precise material placement</li> <li>• No gear or transfer pumps needed</li> </ul>	<p><b>PATRIOT™ 5-GALLON ADHESIVES/PUTTY SYSTEM</b></p> <p><b>Output Capabilities:</b> 1 LB/MIN - 4 LBS/MIN (.452 KGS/MIN - 1.81 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Catalyst % Range:</b> .75%-2.25% by volume</p> <p><b>Available Pump Ratio:</b> 23:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• BPO System</li> </ul>



Description	Specifications	Options
<p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• Chop Check fluid section design</li> <li>• Pre-loads high viscosity material efficiently</li> <li>• Hardened Nitrotech rods and cylinder</li> <li>• Ideal for syntactic style putties</li> <li>• Cuts production time and material waste</li> <li>• Reduce labor by 33%</li> <li>• Easy to use - easy to maintain</li> <li>• Defined putty spray pattern</li> <li>• High quality durable components</li> </ul>	<p><b>55-GALLON PUTTY 2000 CHOP CHECK SYSTEM</b></p> <p><b>Output Capabilities:</b> 4 LBS/MIN - 16 LBS/MIN (1.8 KGS/MIN - 7.3 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Catalyst % Range:</b> .5% - 2.5% by volume</p> <p><b>Available Pump Ratio:</b> 30:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Booms</li> <li>• Auto Guns</li> <li>• BPO System</li> </ul>

## 10:1 & 1:1 Cartridge Filling Station



Description	Specifications	Options
<p><b>System Features:</b></p> <ul style="list-style-type: none"> <li>• Cartridge dispensing technology for bulk material</li> <li>• Dispenses most non-spacer bead adhesives with a viscosity between 40,000 and 1,400,000 cps</li> <li>• Fills up to three 10:1 cartridges per minute</li> <li>• Gives customers freedom to continue using their current adhesive or sealant without the constraints of material packaging</li> </ul>	<p><b>Cartridge Filling Station</b></p> <p><b>Output Capabilities:</b> 1 lb/min - 3 lbs/min (.452 kgs/min - 1.35 kgs/min)</p> <p><b>Avg. Air Consumption:</b> 25 - 30 CFM (0.7 - 0.8 m<sup>3</sup>/MIN)</p> <p><b>Mix Ratio:</b> 10:1 &amp; 1:1</p> <p><b>Available Pump Ratio:</b> 23:1</p> <p><b>Maximum Air Input Pressure:</b> 100PSI (7 Bar)</p>	

**UltraMAX™ Barrier Coat System**

Dispensing sprayable syntactic materials for core replacements and barrier coats has never been easier.



Description	Specifications	Options
<p>Magnum Venus Products is pleased to introduce a system specifically designed to dispense sprayable syntactic materials for core replacement and barrier coats. This system is the only one that can handle low density syntactics with compressible spheres, and ensure consistent mix with limited variation.</p> <p><b>Versatility:</b> Modular construction enhances the Pro Gun's versatility and simplifies disassembly for cleaning and maintenance. The removable mix housing allows rebuilding a "set-up" gun in minutes. The gun's push-button flush system is also easy on the operator. Material flows directly through the resin port to the mix chamber during flushing, leaving no residual resin to get in "dead" spots.</p> <ul style="list-style-type: none"> <li>• 6:1 Transfer Pump</li> <li>• 3/4 HP Mixer</li> </ul>	<p><b>ULTRAMAX™ BARRIER COAT SYSTEM</b></p> <p><b>Output Capabilities:</b> 4 LBS - 16 LBS (1.8 KGS/ MIN - 7.33 KGS/MIN)</p> <p><b>Avg. Air Consumption:</b> 20 - 30 CFM (0.3 - 0.6 m<sup>3</sup>/MIN)</p> <p><b>Catalyst % Range:</b> .5% - 2.3%</p> <p><b>Available Pump Ratio:</b> 30:1</p> <p><b>Max Air Input Pressure:</b> 100PSI (7 BAR)</p>	<ul style="list-style-type: none"> <li>• Booms</li> </ul>