**GAS INJECTION SYSTEM**

**TECHNOLOGY**

Control your extrusion process with accuracy and confidence. Commodore has combined our 30 years of experience with the well-recognized products of BEC. Receive a custom solution for your foaming needs no matter the type of plastic or replace your existing gas system with a more reliable and safety integrated solution.

**SELECT FEATURES**

- Reliable Teflon diaphragm pumps
- Control process with mass flow meter utilizing PID control loop
- Integrated safety features
- Pump head isolation valves
- Adjustable system relief valve
- Safety rupture head
- Manual drain and shut off valves
- Open design for optimal ventilation
- Smaller option stands available

**GAS INJECTION SYSTEM SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Sizing</th>
<th>Standard Commodore Small</th>
<th>Standard Commodore Medium</th>
<th>BEC LMS-2</th>
<th>BEC LMM-2</th>
<th>BEC LML-2</th>
<th>BEC LMM-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extruder Size</td>
<td>2-1/2x3-1/2 through 100x130</td>
<td>130x165</td>
<td>130x165</td>
<td>130x165</td>
<td>130x225</td>
<td>165x225</td>
</tr>
<tr>
<td>Gas Output for Butane or Pentane @ 345 Bar (5000psi)</td>
<td>13.6kg/hr (30 lb/hr)</td>
<td>45.35kg/hr (100 lb/hr)</td>
<td>11.6kg/hr (25 lb/hr)</td>
<td>27 kg/hr (60 lb/hr)</td>
<td>100 kg/hr (220 lb/hr)</td>
<td>52 Kg/hr (115 lb/hr)</td>
</tr>
<tr>
<td>Number of Heads on the Pump</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

**SUITABLE FOR THESE APPLICATIONS:**

- WIRE/CABLE
- FOAM SHEET
- BLOW MOLDING
- PIPE
- FOAM BOARD
- PROTECTIVE PACKAGING

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