PGM-Series, Gasoline Pumps

Shown: PGM-2408R

- Patented Genesis Technology means
  - coaxial piston design ensures high performance
  - first-stage piston pump for improved efficiency
- High by-pass pressures improve productivity
- All Atlas pumps feature sturdy Roll Cages for use in tough environments
- Four-cycle Honda motor 3.0 hp.

This PGM-pump is used to power a hydraulic re-bar cutter on a construction site before power was available.

### Featuring Genesis Technology

**Hoses**

Enerpac offers a complete line of high quality hydraulic hoses. To ensure the integrity of your system, specify only Enerpac hydraulic hoses.

**Gauges**

Minimize the risk of overloading and ensure long, dependable service from your equipment. Refer to the System Components section for a full range of gauges.

<table>
<thead>
<tr>
<th>Used with Cylinder</th>
<th>Usable Oil Capacity (gal)</th>
<th>Model Number</th>
<th>Pressure Rating (psi)</th>
<th>Output Flow Rate (in³/min) 1st stage</th>
<th>2nd stage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-Acting</td>
<td>1.0</td>
<td>PGM-2304R*</td>
<td>10,000</td>
<td>200</td>
<td>40</td>
</tr>
<tr>
<td>Double-Acting</td>
<td>2.0</td>
<td>PGM-2404R*</td>
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<td>200</td>
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<tr>
<td>Single-Acting</td>
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<td>PGM-2308R*</td>
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<td>200</td>
<td>40</td>
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<tr>
<td>Double-Acting</td>
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<td>PGM-2408R*</td>
<td>10,000</td>
<td>200</td>
<td>40</td>
</tr>
</tbody>
</table>

*Note: The PGM-20 series are available with a carrying handle instead of a rollcage. For ordering omit the ‘R’ from the model number.
Atlas Gasoline Pump Performance

Elevation can affect the performance of any gasoline engine. Atlas pumps are designed to develop rated performance at elevations up to 5,000 ft.

For applications above this elevation, please consult your Enerpac office.

Gasoline Pumps

PGM Series

Reservoir Capacity:
1.0 - 2.0 gal.

Flow at Rated Pressure:
40 in³/min

Motor Size:
3.0 hp

Maximum Operating Pressure:
10,000 psi

By-Pass Pressure
Valve Type
Valve Function
Motor Type / Size
Sound Level (dBA)
Sound Level (lbs)

<table>
<thead>
<tr>
<th>By-Pass Pressure (psi)</th>
<th>Valve Type</th>
<th>Valve Function</th>
<th>Motor Type / Size</th>
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<tbody>
<tr>
<td>2,000</td>
<td>3-way, 3-position</td>
<td>Advance/</td>
<td>Honda 3.0 hp</td>
<td>89</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hold/Retract</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,000</td>
<td>4-way, 3-position</td>
<td>Advance/</td>
<td>Honda 3.0 hp</td>
<td>89</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hold/Retract</td>
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</tr>
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Atlas Gasoline Pump

Performance

Elevation can affect the performance of any gasoline engine. Atlas pumps are designed to develop rated performance at elevations up to 5,000 ft.

For applications above this elevation, please consult your Enerpac office.

Reservoir Capacity:
1.0 - 2.0 gal.

Flow at Rated Pressure:
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</table>

Gasoline Pumps

PGM Series

Reservoir Capacity:
1.0 - 2.0 gal.

Flow at Rated Pressure:
40 in³/min

Motor Size:
3.0 hp

Maximum Operating Pressure:
10,000 psi

By-Pass Pressure
Valve Type
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Gasoline Pumps

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Gasoline Pumps

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</tr>
<tr>
<td></td>
<td></td>
<td>Hold/Retract</td>
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</tr>
</tbody>
</table>
ZG5/ZG6, Gasoline Hydraulic Pumps

- Features Z-Class high efficiency pump design, higher oil flow and bypass pressure
- Two-speed operation reduces cycle time for improved productivity
- Full sight oil level glass on all reservoirs allow quick and easy oil level monitoring.
- Sturdy wheeled cart for ZG6 allows transport over uneven terrain and features collapsible handles for easy storage
- Dual forced air heat exchangers on ZG6 stabilizes hydraulic oil temperature
- ZG5 is available in two 4-cycle engine sizes: 5.5 hp Honda and 6.5 hp Briggs & Stratton
- ZG6 has Briggs & Stratton 13 hp engine with electric start, pressurized oil and 16-amp charge output for accessories

▼ SELECTION CHART

<table>
<thead>
<tr>
<th>Used with Cylinder</th>
<th>Usable Oil Capacity (gal)</th>
<th>Valve Model Number</th>
<th>Valve Function</th>
<th>Model Number</th>
<th>Motor Manufacturer*</th>
<th>Motor Size (hp)</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>Single-Acting</td>
<td>2.5</td>
<td>VM33</td>
<td>Advance/ Hold/ Retract</td>
<td>ZG5310MX-R</td>
<td>Honda</td>
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<td>ZG5320MX-R</td>
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<td>Double-Acting</td>
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<td>ZG5310MX-BR</td>
<td>Briggs &amp; Stratton</td>
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<td>ZG5320MX-BR</td>
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<td>VM43</td>
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<td>ZG5410MX-BR</td>
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<td>5.0</td>
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<td></td>
<td>ZG5420MX-B</td>
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<td>138.4</td>
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<td></td>
<td>10.0</td>
<td>VM43</td>
<td></td>
<td>ZG6440MX-BCFH</td>
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<td>334.0</td>
</tr>
</tbody>
</table>

*To order Briggs & Stratton motor, place a “B” suffix in the model number

User Adjustable Relief Valve
All VM-Series directional valves have a user adjustable relief valve to allow the operator to easily set the optimum working pressure.

High Pressure Hoses
Enerpac offers a complete line of high quality hydraulic hoses. To ensure the integrity of your system, specify only genuine Enerpac hydraulic hoses.

▼ Shown from left to right: ZG6440MX-BCFH, ZG5420MX-B
Gasoline Hydraulic Pumps

ZG5/ ZG6 Series

Reservoir Capacity:
2.5-10 gal.

Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
10,000 psi

Other Options Available
Contact Enerpac for further information.

Reservoir Capacity:
2.5-10 gal.

Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
10,000 psi

Other Options Available
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Reservoir Capacity:
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Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
10,000 psi

Other Options Available
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Reservoir Capacity:
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Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
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Other Options Available
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Reservoir Capacity:
2.5-10 gal.

Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
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Other Options Available
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Reservoir Capacity:
2.5-10 gal.

Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
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Maximum Operating Pressure:
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Other Options Available
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Engine Size:
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2.5-10 gal.

Flow at Rated Pressure:
100-200 in³/min.

Engine Size:
5.5, 6.5 and 13 hp

Maximum Operating Pressure:
10,000 psi

Other Options Available
Contact Enerpac for further information.
8000 Series Gasoline Pumps

Shown: EGM-8418

- Industrial grade 18 hp twin-cylinder motor
- Panel mounted pressure gauge and adjustable relief valve for system pressure control
- Two-speed pump design with high by-pass pressure for rapid cylinder advance
- Built in oil temperature and oil level gauge
- External adjustable relief valve (1,200-10,000 psi) allows control of operating pressure without opening the pump
- Integral priming circuit guarantees quick starts after transport

**EGM Series**

Reservoir Capacity:
25 gal.

Flow at Rated Pressure:
1.5 gal/min.

Motor Size:
18 hp

Maximum Operating Pressure:
10,000 psi

**Locking Valves**

Pumps with VM-4 manual valves are available with VM-4L manual valves for positive load holding.

Add suffix "L" to pump model number.

**FLOW CHART**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Pressure Rating (psi)</th>
<th>Output Flow Rate (gal/min)</th>
<th>Valve Type</th>
<th>Valve Function</th>
<th>Sound Level (dBA)</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-acting</td>
<td>18</td>
<td>EGM-8218</td>
<td>3,700</td>
<td>10,000</td>
<td>1st stage</td>
<td>3-way, Adv/Retr.</td>
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<tr>
<td></td>
<td></td>
<td>EGM-8418</td>
<td>3,700</td>
<td>10,000</td>
<td>2nd stage</td>
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<td>Double-acting</td>
<td>18</td>
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