

# PGM-Series, Gasoline Pumps

▼ Shown: PGM-2408R



## Featuring Genesis Technology

- 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.



### Hoses

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

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### Gauges

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

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



Used with Cylinder	Usable Oil Capacity (gal)	Model Number	Pressure Rating (psi)	Output Flow Rate (in <sup>3</sup> /min)	
				1 <sup>st</sup> stage	2 <sup>nd</sup> stage
Single-Acting	1.0	PGM-2304R*	10,000	200	40
Double-Acting	2.0	PGM-2404R*	10,000	200	40
Single-Acting	1.0	PGM-2308R*	10,000	200	40
Double-Acting	2.0	PGM-2408R*	10,000	200	40

\* Note: The PGM-20 series are available with a carrying handle instead of a roll cage. For ordering omit the 'R' from the model number

# Gasoline Pumps



## 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.

## PGM Series



Reservoir Capacity:  
**1.0 - 2.0 gal.**

Flow at Rated Pressure:  
**40 in<sup>3</sup>/min**

Motor Size:  
**3.0 hp**

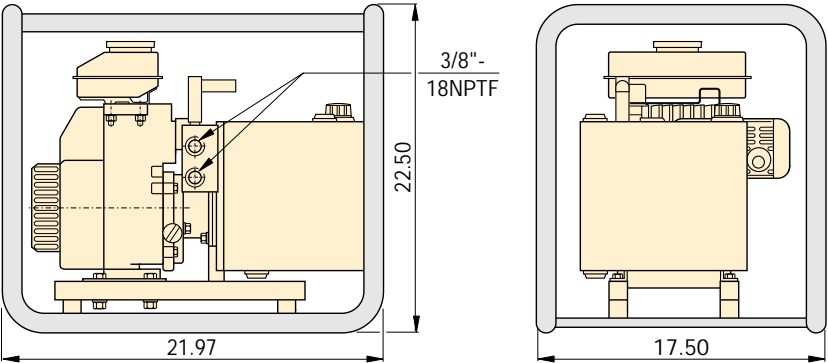
Maximum Operating Pressure:  
**10,000 psi**



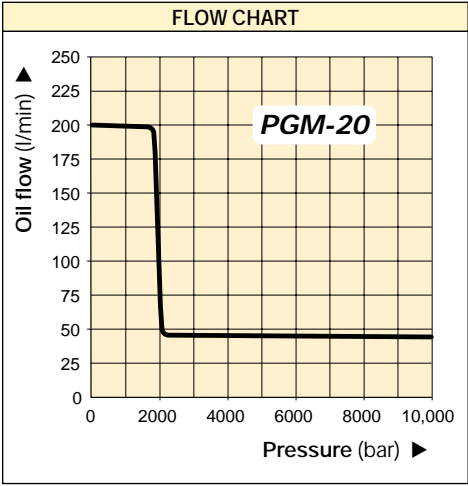
## Speed Chart

To determine how a specific pump will operate your cylinder, see the Pump-Cylinder Speed Chart in the 'Yellow Pages'.

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By-Pass Pressure (psi)	Valve Type	Valve Function	Motor Type / Size	Sound Level (dBA)	Weight (lbs)
2,000	3-way, 3-position	Advance/ Hold/Retract	Honda 3.0 hp	89	55
2,000	4-way, 3-position			89	72
2,000	3-way, 3-position	Advance/ Hold/Retract	Honda 3.0 hp	89	55
2,000	4-way, 3-position			89	72



# ZG5/ZG6, Gasoline Hydraulic Pumps

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



**Z** Tough.  
Dependable.  
Innovative.  
**CLASS**

- 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



### 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.

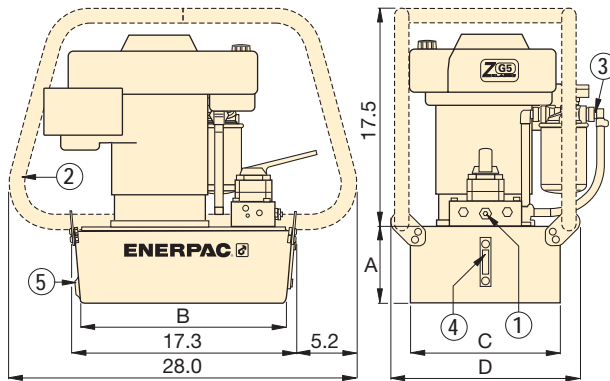
## ▼ SELECTION CHART

Used with Cylinder	Usable Oil Capacity (gal)	Valve Model Number	Valve Function	Model Number	Motor Manufacturer*	Motor Size (hp)	Weight (lbs)	
Single-Acting	2.5	VM33	Advance/ Hold/ Retract	ZG5310MX-R	Honda	5.5	113.6	
	5.0			ZG5320MX-R			140.9	
Double-Acting	2.5	VM43		ZG5410MX-R			113.6	
	5.0			ZG5420MX-R			141.0	
Single-Acting	2.5	VM33		ZG5310MX-BR	Briggs & Stratton	6.5	111.0	
	5.0			ZG5320MX-BR			138.3	
Double-Acting	2.5	VM43		ZG5410MX-BR			111.1	
	5.0			ZG5420MX-B			138.4	
	10.0	VM43		ZG6440MX-BCFH			13.0	334.0

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

# Gasoline Hydraulic Pumps

ZG5



- ① User adjustable relief valve on all manual valves. 3/8" NPTF on A and B ports; 1/4" NPTF on auxiliary ports.
- ② Roll Bar (optional)
- ③ Return Line Filter (optional on ZG5, Standard on ZG6)
- ④ Oil Level Gauge
- ⑤ Oil Drain
- ⑥ Collapsible handles (ZG6 only)
- ⑦ Cart (standard on ZG6 only)

ZG5/  
ZG6  
Series



Reservoir Capacity:  
**2.5-10 gal.**

Flow at Rated Pressure:  
**100-200 in<sup>3</sup>/min.**

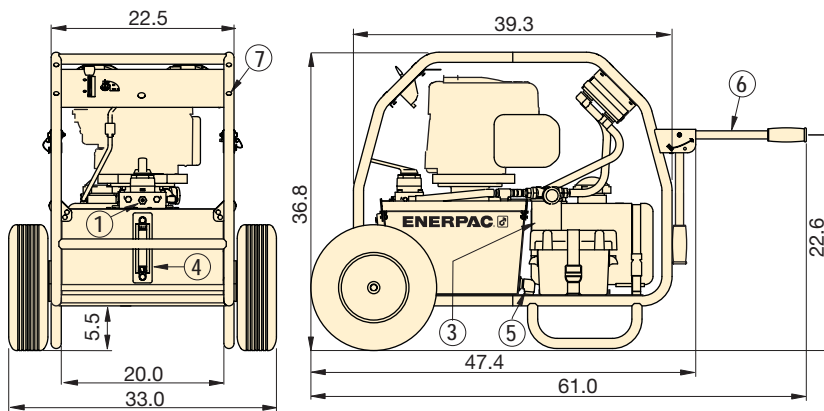
Engine Size:  
**5.5, 6.5 and 13 hp**

Maximum Operating Pressure:  
**10,000 psi**

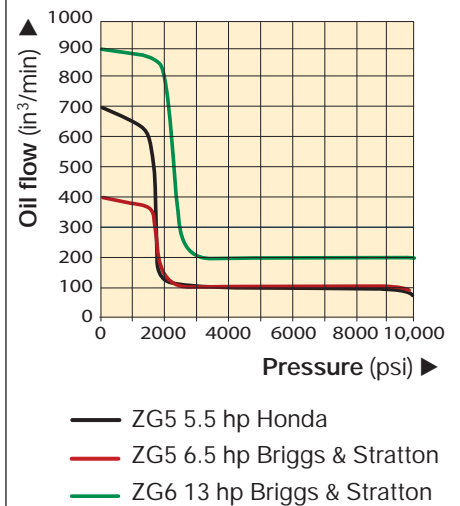


**Other Options Available**  
Contact Enerpac for further information.

ZG6



FLOW CHART



ZG5 Dimensions (in)				
Reservoir Size (gal)	A	B	C	D
2.5	6.1	16.5	12.0	15.1
5.0	7.1	16.3	16.6	19.7
10.0	10.6	15.7	19.9	22.7

Motor Size		Output Flow Rate (in <sup>3</sup> /min)				Relief Valve Adjustment Range (psi)	Sound Level (dBA)
hp	RPM	100 psi	700 psi	5,000 psi	10,000 psi		
5.5	3600	700	650	110	100	1000 - 10,000	88 - 93
6.5	3600	400	380	110	100		91 - 95
13.0	3600	900	885	225	200		91 - 95

# 8000 Series Gasoline Pumps

▼ Shown: **EGM-8418**



## EGM Series

Reservoir Capacity:  
**25 gal.**

Flow at Rated Pressure:  
**1.5 gal/min.**

Motor Size:  
**18 hp**

Maximum Operating Pressure:  
**10,000 psi**



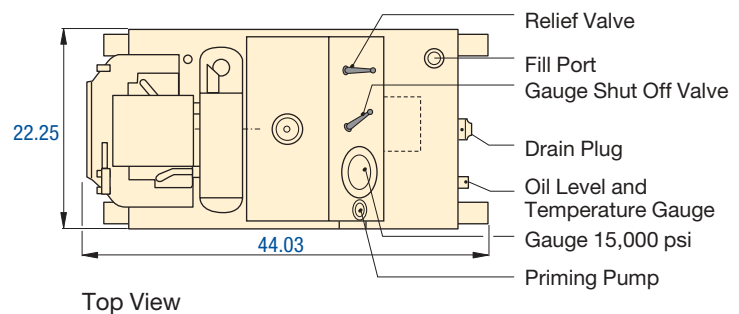
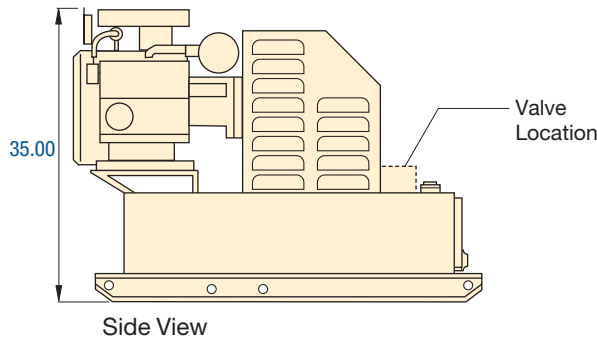
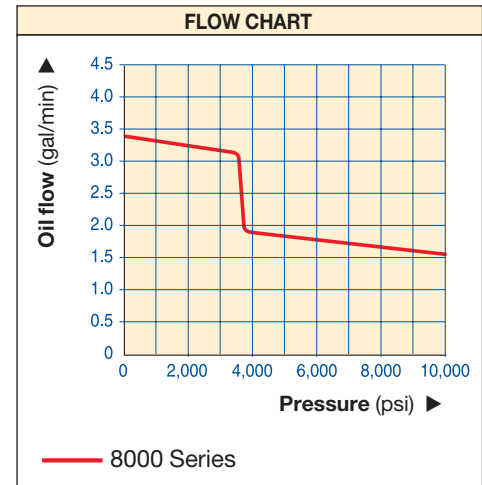
### Locking Valves

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

Add suffix "L" to pump model number.

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- 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



Used with Cylinder	Usable Oil Capacity (gal)	Model Number	Pressure Rating (psi)		Output Flow Rate (gal/min)		Valve Type	Valve Function	Sound Level (dBA)	Weight (lbs)
			1 <sup>st</sup> stage	2 <sup>nd</sup> stage	1 <sup>st</sup> stage	2 <sup>nd</sup> stage				
Single-acting	18	<b>EGM-8218</b>	3,700	10,000	3.4	1.5	3-way, 2-pos.	Adv./Retr.	94	890
Double-acting	18	<b>EGM-8418</b>	3,700	10,000	3.4	1.5	4-way, 3-pos.	Adv./Hold/Retr.	94	890