

ZG5, Gasoline Hydraulic Pumps

▼ Shown: ZG5420MX-R



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
- Available in two, 4-cycle engine sizes: 5.5 hp Honda and 6.5 hp Briggs & Stratton
- Full sight oil level glass on all reservoirs allow quick and easy oil level monitoring.



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.

▼ **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			13.6
	5.0			ZG5420MX-R			140.9
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			111.0
	5.0			ZG5420MX-BR			138.3

Gasoline Hydraulic Pumps

▼ This is how a ZG-Series pump model number is built up:



1 Product Type

Z = Pump Class

2 Prime Mover

G = Gasoline Engine

3 Flow Group

5 = 100 in³/min@10,000 psi

4 Valve Type

- 0** = No valve with coverplate
- 2** = 3-way, 2-position (VM32)
- 3** = 3-way, 3-position (VM33)
- 4** = 4-way, 3-position (VM43)
- 6** = 3-way, 3-position, locking (VM33L)
- 8** = 4-way, 3-position, locking (VM43L)

5 Useable Oil Capacity

- 10** = 2.5 gallon
- 20** = 5.0 gallon
- 40** = 10.0 gallon

6 Valve Operation

- M** = Manual valve
- N** = No valve

7 Motor Voltage

- X** = Not applicable

8 Options

(Specify in alphabetical order)

- B** = Briggs & Stratton Engine
- F** = Filter
- G** = 0-15,000 psi gauge (2 1/2")
- N** = No reservoir handles (includes lifting eyes on 2.5, 5, 10 gallon)
- R** = Roll Bars

Ordering Example

Model Number: **ZG5440MX-FR**
 This is a 10,000 psi hydraulic pump, with a 4-way, 3 position manual valve, 10 gallon reservoir, with a 5.5 hp Honda engine, return line filter and roll bar.

ZG5 Series



Reservoir Capacity:

2.5-10 gal.

Flow at Rated Pressure:

100 in³/min

Engine Size:

5.5 and 6.5 hp

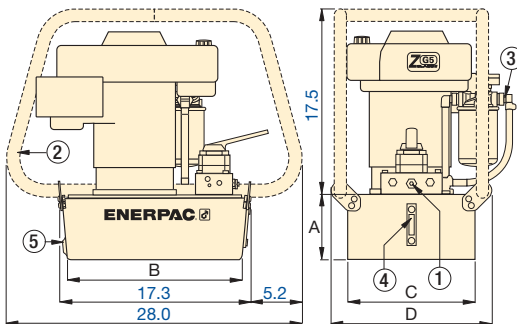
Maximum Operating Pressure:

10,000 psi



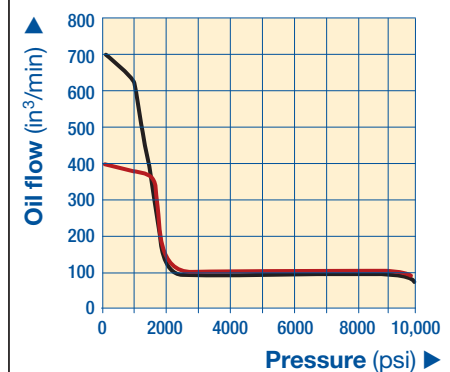
High Pressure Hoses

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



- 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)
- ④ Oil Level Gauge
- ⑤ Oil Drain

FLOW CHART



— 5.5 hp Honda

— 6.5 hp Briggs & Stratton

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 ³ /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 -	88 - 93
6.5	3600	400	380	110	100	10,000	91 - 95