

# Gasoline Hydraulic Pumps

130-400 cu. in./min. — 5½-20 hp (PG120-PG400 Series)

Maximum output gasoline powered pumps. Large reservoir capacity and equipped with roll cages. PG120 Series generally recommended for cylinders up to 300 ton. PG400 Series recommended for cylinders up to 1,000 ton.

PUMPS



10,000 psi

PG4004S

PG1204S

PG1200M-4D

Hoses, Fittings & Gauges Pages 74-80



Pump Accessories Pages 161-165



Cylinder/Pump Speed/Selection Chart Page 178



Choosing The Right Pump Pages 181-184



- Two-speed high performance pumps ideal for construction, structure moving and rigging applications.
- A logical choice at work sites where electricity or compressed air are unavailable. For single- or double-acting cylinders at operating pressures to 10,000 psi.
- All gasoline engine/hydraulic pumps feature “Posi-Check®” valve to guard against pressure loss when valve is shifted from “advance” to “hold”.
- PG1200 Series pumps powered by a Honda 4-cycle, 5.5 hp engine with automatic decompression and electronic ignition. Deliver over ½ gallon (130 cu. in.) of oil per minute at 10,000 psi.
- A 5 gallon reservoir means adequate capacity for multi-cylinder applications. Dual element air cleaner protects engine from dusty environments.
- Heavy duty “roll cage” provides pick-up points for lifting. Horizontal bars on PG1203, PG1204 and PG1204S protect unit, provide hand holds for carrying.

- Rubber anti-skid insulation on bottom of reservoir resists skidding and dampens vibration. PG1200M-4 and PG1200M-4D include a pump cart with 12" wheels.
- Adjustable external pressure regulator.

### PG1200M-4

- For single-acting cylinders. Has 9520 3-way/3-position (tandem center) valve, 9596 load lowering valve and 9644 4-port manifold with individual needle valves at each port.
- Has a 9796 coupler and 9797 dust cap at each port. Valving permits precise individual control of up to four cylinders.
- A 9052 heavy duty, fluid filled pressure gauge (0-10,000 psi) is included.

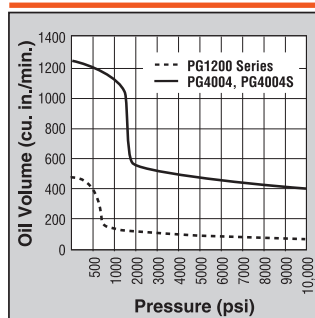
### PG1200M-4D

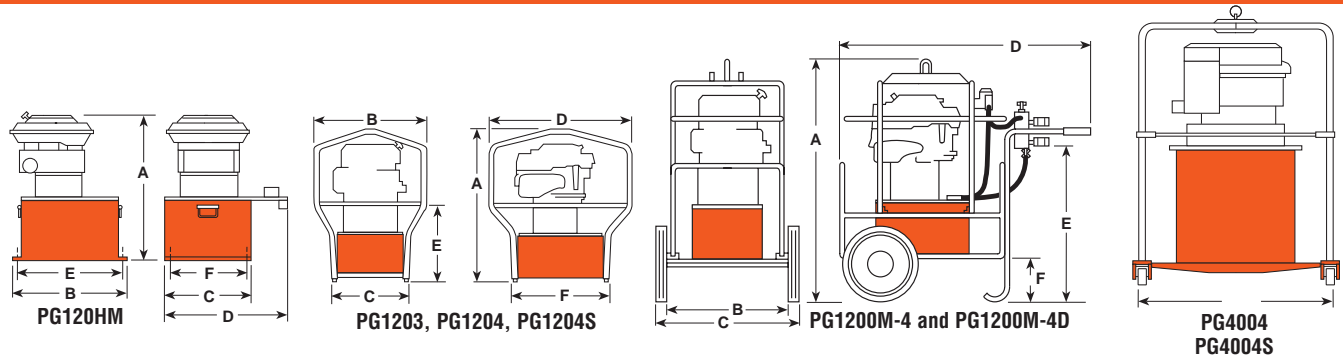
- For single- or double-acting cylinders with precise individual control of up to four cylinders possible.
- Equipped same as PG1200M-4, except has 9506 4-way/3-position (tandem center) valve, and second 4-port manifold without needle valves mounted beneath 9644 manifold for operating double-acting cylinders.

### PG400 Series Maximum output Hydraulic Power Package

- Ideal for single or multiple cylinder applications. Has a 4-cycle, 20 hp Honda engine and 20 gallon reservoir (17 gallons usable) with low oil level sight gauge.
- Steel “roll cage” protects pump, has a lifting hook; 4" dia. swivel casters provide mobility.
- Delivers 400 cu. in. of oil at maximum operating pressure.
- Has a 9506 4-way valve. On/off switch and speed control are protected by a panel. Sturdy molded case protects battery (not included).

## PERFORMANCE





## SPECIFICATIONS AND DIMENSIONS

Pump No.	rpm	Maximum Pressure Output	Oil Delivery (cu. in./min.@)				Dimensions (in.)						Prod. Wt. With Oil (lbs.)
			100 psi	1,000 psi	5,000 psi	10,000 psi	A	B	C	D	E	F	
PG120HM	3,600	10,000 psi	480	175	150	130	23	15½	14¼	19	13⅝	12⅝	150
PG1203,PG1204	3,600	10,000 psi	480	175	150	130	27⅞	20¼	14¼	26¼	13½	18¼	154
PG1204S	3,600	10,000 psi	480	175	150	130	27⅞	20¼	14¼	26¼	13½	18¼	161
PG1200M-4	3,600	10,000 psi	480	175	150	130	42⅞	18	25	42½	26¼	7¼	260
PG1200M-4D	3,600	10,000 psi	480	175	150	130	42⅞	18	25	42½	26¼	7¼	280
PG4004	3,600	10,000 psi	1,240	1,120	475	400	50¼	52	52	—	—	—	435
PG4004S	3,600	10,000 psi	1,240	1,120	475	400	50¼	52	52	—	—	—	440

## ORDERING INFORMATION

See current price list for shipping weights.

### SINGLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Horsepower	Cycle
		Type	No.	Function			
Base model 5½ hp gasoline pump with 5.7 gal. reservoir	PG1203	3-Way	9520	Advance Hold Return	1,300 cu. in.	5.5	4
PG1203 with cart, rollcage, load lowering valve, 4 port manifold & gauge.	PG1200M-4	3-Way Manifold	9520 9644	Advance Hold Return**	1,300 cu. in.	5.5	4

### SINGLE & DOUBLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Horsepower	Cycle
		Type	No.	Function			
PG1200M-4D, except without "Roll Cage" and cart. Ideal for house moving industry.	PG120HM	4-Way Manifold	9506 9642	Advance Hold Return**	1,300 cu. in.	5.5	4

### DOUBLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Horsepower	Cycle
		Type	No.	Function			
Base model 5½ hp gasoline pump, 5.7 gal. reservoir and double-acting valve.	PG1204	4-Way	9506	Advance Hold Return	1,300 cu. in.	5.5	4
PG1204, except has roll cage, cart, solenoid valve and 25 ft. cord.	PG1204S	4-Way Solenoid***	9516	Advance Hold Return	1,300 cu. in.	5.5	4
PG1200M-4, except for double-acting systems.	PG1200M-4D	4-Way Manifold	9506 9644	Advance Hold Return**	1,300 cu. in.	5.5	4
Base model 20 hp pump with 20 gal. reservoir	PG4004	4-Way	9506	Advance Hold Return	3,927 cu. in.*	20	4
PG4004, except has solenoid operated remote valve.	PG4004S	4-Way Solenoid***	9516	Advance Hold Return	3,927 cu. in.*	20	4

\* Usable oil is calculated with oil fill at recommended level at 2¼" below cover plate.

\*\* Control up to 4 cylinders independently.

\*\*\* Has 25 ft. remote control cord.