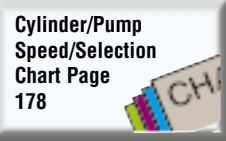
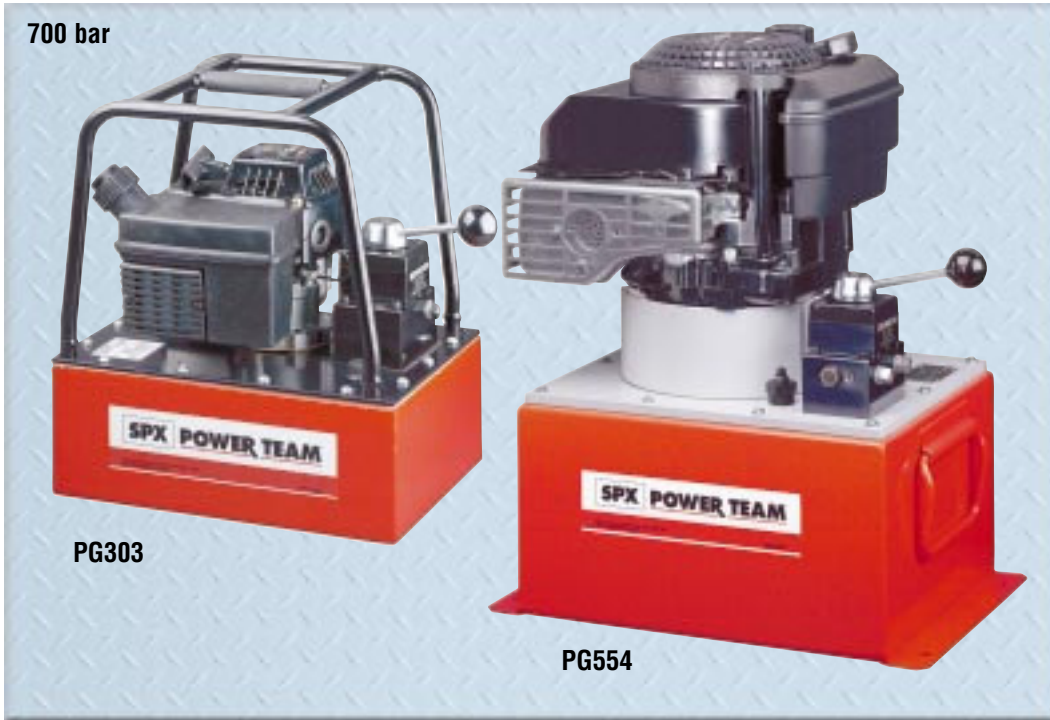


Gasoline Hydraulic Pumps

0.5-0.9 L/min. — 1.49-4.47 kW (PG30-PG55 Series)

Gasoline driven pumps do not need an external power supply to operate, making them an ideal choice for remote applications. PG30 series generally recommended for cylinders up to 75 tons. PG55 series generally recommended for cylinders up to 150 tons.



- 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 700 bar.
- All gasoline engine/hydraulic pumps feature “Posi-Check®” valve to guard against pressure loss when valve is shifted from “advance” to “hold”.

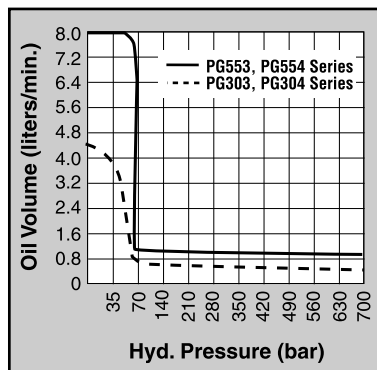
PG303 and PG304

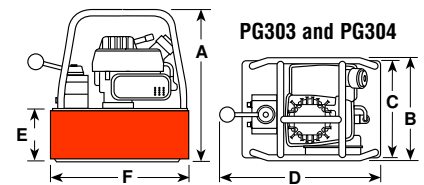
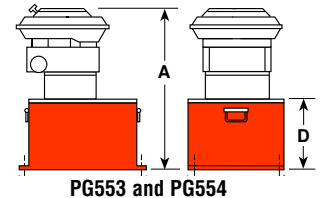
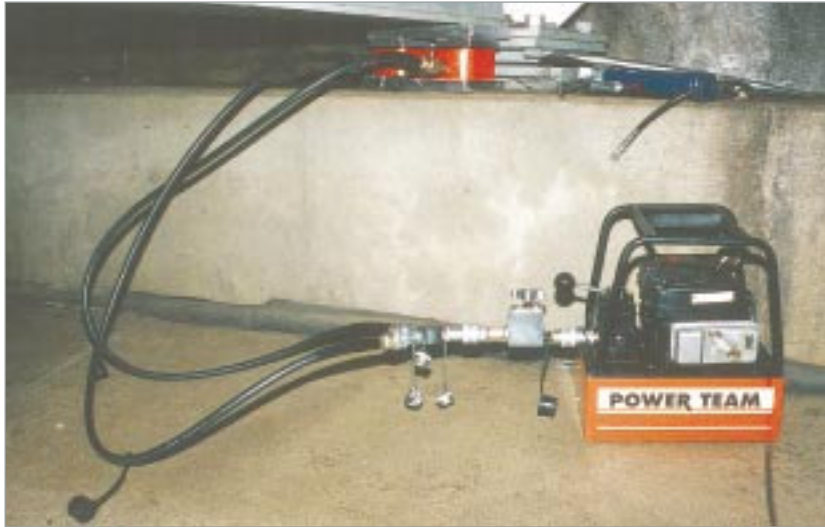
- Powered by a 2-cycle, 1.49 kW Tecumseh engine giving it the lowest weight to kilowatt ratio of all gasoline driven pumps. Has an aluminum reservoir with 6 liters of usable oil.
- Has same basic pump as PE30 series electric operated pumps.
- PG30 series pumps are equipped with roll cages to protect pump from damage.
- PG30 series pumps weigh in at only 14.5 kg with oil.
- PG303 is for single-acting cylinders, has a 9520 valve with separate internal return line; allows oil from running pump to return to reservoir, independently of cylinder return oil, when valve is in “return” position.
- PG304 is for double-acting cylinders, has a 9506 4-way (tandem center) valve.

PG553 and PG554

- 4.47 kW Intek “Diamond Edge” 4-cycle, powered by a Briggs & Stratton engine. Has a 19 liter reservoir.
- Same basic pump as our PE55 series electrical powered Vanguard® pumps.
- PG553 has a 9520 3-way valve for single-acting cylinders.
- PG554 has a 9506 4-way valve for double-acting cylinders.

PERFORMANCE





SPECIFICATIONS AND DIMENSIONS

Pump No.	rpm	Maximum Pressure Output	Oil Delivery (liters/min. @)				Dimensions (mm)						Prod. Wt. With Oil (kg)
			7 bar	70 bar	350 bar	700 bar	A	B	C	D	E	F	
PG303, PG304	6,000	700 bar	4.4*	0.6	0.6	0.5	378	264	241	406	130	343	14.5
PG553, PG554	3,600	700 bar	7.7	1.2	1.1	0.9	559	457	318	219	422	229	54.4

* First stage oil delivery from 0-28 bar @ 3.68 liters per minute minimum.

ORDERING INFORMATION

See current price list for shipping weights.

SINGLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Kilowatts	Cycle
		Type	No.	Function			
1.49 kW pump with 7.6 liter reservoir and single-acting valve.	PG303	3-Way	9520	Advance Hold Return	6 liters	1.49	2
4.47 pump with 21.6 liter reservoir and single-acting valve.	PG553	3-Way	9520	Advance Hold Return	20.8 liters**	4.47	4

DOUBLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Kilowatts	Cycle
		Type	No.	Function			
PG303, except has double-acting valve.	PG304	4-Way	9506	Advance Hold Return	6 liters	1.49	2
PG553, except has double-acting valve.	PG554	4-Way	9506	Advance Hold Return	20.8 liters**	4.47	4

** Usable oil is calculated with oil fill at recommended level at 12.7 mm below cover plate

Gasoline Hydraulic Pumps

2.1-6.4 L/min. — 4.1-14.9 kW (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



Hoses, Fittings & Gauges
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Pump Accessories
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Cylinder/Pump Speed/Selection Chart
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Choosing The Right Pump
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- 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 700 bar.
- 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, 4.1 kW engine with automatic decompression and electronic ignition. Deliver over 2.1 liters of oil per minute at 700 bar.
- A 19 liter 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 305 mm 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 (0-700 bar) is included.

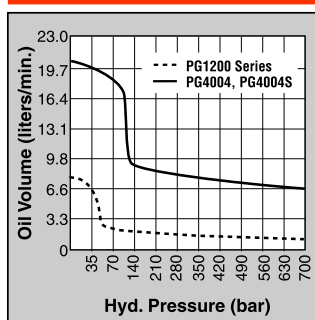
PG1200M-4D

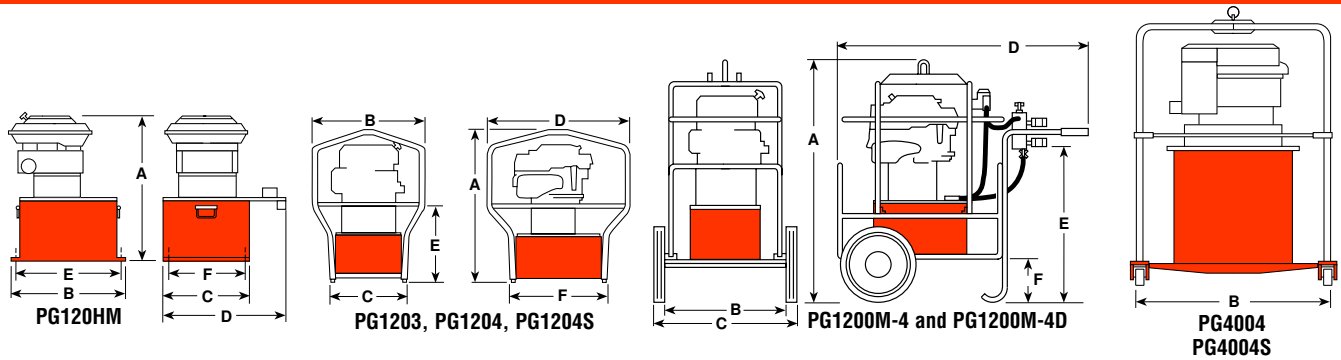
- For single- or double-acting cylinders with precise individual control of up to four cylinders possible.
- Equipped same as PG1200M-4, except has 9506 4-way/3-position (tandem center) valve, and second 4-port manifold without needle valves mounted beneath 9644 manifold for operating double-acting cylinders.

PG400 Series Maximum output Hydraulic Power Package

- Ideal for single or multiple cylinder applications. Has a 4-cycle, 14.9 kW Honda engine and 75.7 liter reservoir (62.8 liters usable) with low oil level sight gauge.
- Steel “roll cage” protects pump, has a lifting hook; 102 mm dia. swivel casters provide mobility.
- Delivers 6.4 liters 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 (liters/min.@)				Dimensions (mm)						Prod. Wt. With Oil (kg)
			7 bar	70 bar	350 bar	700 bar	A	B	C	D	E	F	
PG120HM	3,600	700 bar	7.7	2.8	2.4	2.1	584	394	362	483	338	308	68
PG1203,PG1204	3,600	700 bar	7.7	2.8	2.4	2.1	708	514	362	667	343	464	69.8
PG1204S	3,600	700 bar	7.7	2.8	2.4	2.1	708	514	362	667	343	464	72.9
PG1200M-4	3,600	700 bar	7.7	2.8	2.4	2.1	1070	457	635	1080	667	184	117.8
PG1200M-4D	3,600	700 bar	7.7	2.8	2.4	2.1	1070	457	635	1080	667	184	126.8
PG4004	3,600	700 bar	19.8	17.9	7.6	6.4	1276	1321	—	—	—	—	197.1
PG4004S	3,600	700 bar	19.8	17.9	7.6	6.4	1276	1321	—	—	—	—	199.8

ORDERING INFORMATION

See current price list for shipping weights.

SINGLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Kilowatts	Cycle
		Type	No.	Function			
Base model 4.1 kW gasoline pump with 21.6 liter reservoir	PG1203	3-Way	9520	Advance Hold Return	20.8 liters	4.1	4
PG1203 with cart, rollcage, load lowering valve, 4 port manifold & gauge.	PG1200M-4	3-Way Manifold	9520 9644	Advance Hold Return**	20.8 liters	4.1	4

SINGLE & DOUBLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Kilowatts	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**	20.8 liters	4.1	4

DOUBLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Kilowatts	Cycle
		Type	No.	Function			
Base model 4.1 kW gasoline pump, 21.6 liter reservoir and double-acting valve.	PG1204	4-Way	9506	Advance Hold Return	20.8 liters	4.1	4
PG1204, except has roll cage, cart, solenoid valve and 7.6 meter cord.	PG1204S	4-Way Solenoid***	9516	Advance Hold Return	20.8 liters	4.1	4
PG1200M-4, except for double-acting systems.	PG1200M-4D	4-Way Manifold	9506 9644	Advance Hold Return**	20.8 liters	4.1	4
Base model 14.9 kW pump with 75.7 liter reservoir	PG4004	4-Way	9506	Advance Hold Return	62.8 liters*	14.9	4
PG4004, except has solenoid operated remote valve.	PG4004S	4-Way Solenoid***	9516	Advance Hold Return	62.8 liters*	14.9	4

* Usable oil is calculated with oil fill at recommended level at 57.2 mm below cover plate.

** Control up to 4 cylinders independently.

*** Has 7.6 meter remote control cord.