

Model Shown:  
**PG1203/4S-CP**



**>Features**

**TWO-STAGE PUMP FOR CRIMPING APPLICATIONS  
PG1203-CP**

- 6 hp Briggs & Stratton engine.
- Manual control valve.
- High-pressure safety relief valve.
- Protective roll cage.
- For use with single acting tools.

**PG1203/4S-CP**

- 5.5 hp Honda OHV-type engine.
- Solenoid valve with remote hand control with 10' cord.
- Two-stage pump for rapid advance.
- High-pressure safety relief valve.
- Protective roll cage.
- For use with either single or double-acting tools.

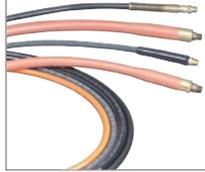
Pumps



**Hydraulic Hoses**

Heavy-duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

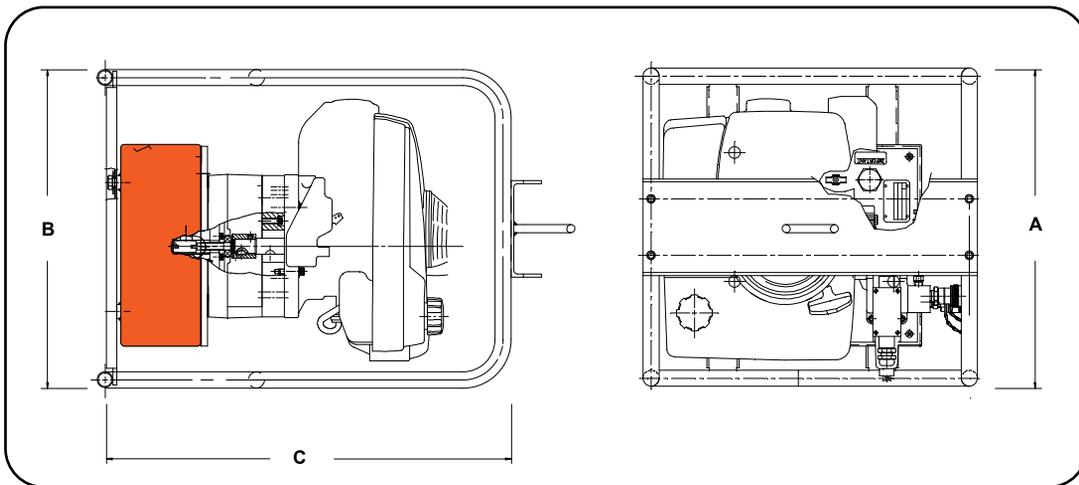
Refer to the accessories section for details.



**CAUTION**

**DESIGNED FOR CRIMPING APPLICATIONS ONLY!**

This system should not be used for lifting.



**Ordering Information**

Order No.	Overall Dimensions			Oil Delivery		Reservoir		Prod. Wt. With Oil (lbs.)
	A	B	C	100 (psi)	10,000 (psi)	Oil Cap. (gal.)	Usable Oil Cap. (cu. in.)	
	Width (in.)	Length (in.)	Depth (in.)	(cu. in./min.)	(cu. in./min.)			
PG1203-CP	19.75	21.75	24.50	480	130	3	700	154.00
PG1203/4S-CP	19.75	21.75	24.50	480	130	3	700	154.00

Model Shown:  
**PG304, PG554**

Pumps



**Features**

**GASOLINE POWER IDEAL FOR REMOTE LOCATIONS.**

- A logical choice at work sites where electricity or compressed air are unavailable. For single or double-acting cylinders at operating pressures up 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.”

**PG303 and PG304 (Up to 75 Ton)**

- Powered by a 4-cycle, 2 hp Honda engine giving it the lowest weight to horsepower ratio of all gasoline driven pumps.
- Has an aluminum reservoir with 375 cu. in. of usable oil.
- PG30 series pumps are equipped with roll cages to protect pump from damage.
- PG303 is for single-acting cylinders, has a 9520 valve with separate internal return line which 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.

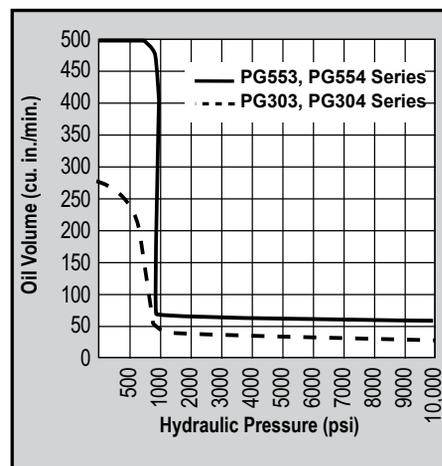
**PG553 and PG554 (Up to 150 Ton)**

- 6 hp Intek “Diamond Edge” 4-cycle, by Briggs & Stratton.
- 5 gallon reservoir.
- PG553 has a 9520 3-way valve for single-acting cylinders.
- PG554 has a 9506 4-way valve for double-acting cylinders.
- Optional roll cage available.

▶ Gasoline Powered Hydraulic Pumps like this PG303 help provide hydraulic force at remote locations.



▶ Performance Specifications





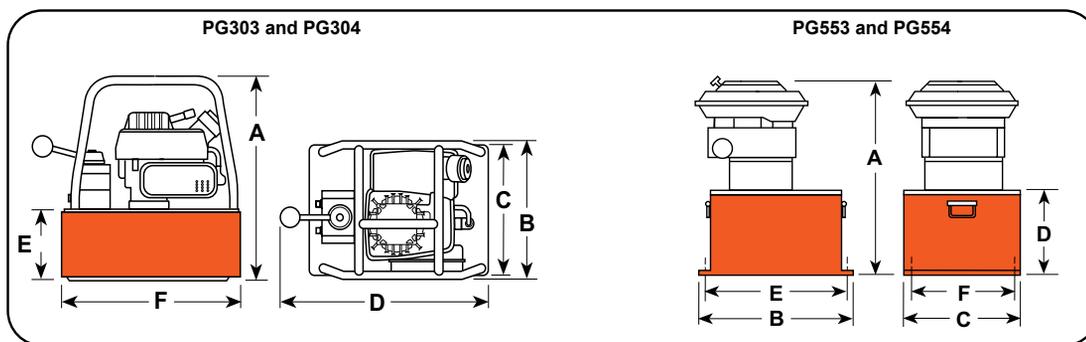
Hydraulic Hoses



Heavy-duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.

Refer to the accessories section for details.

Pumps



Technical Dimensions

Order No.	A	B	C	D	E	F	Max. Pressure Output	rpm	Oil Del. (cu. in./min. @)				Prod. Wt. with Oil (lbs.)
									100 (psi)	1000 (psi)	5,000 (psi)	10,000 (psi)	
PG303, PG304	14.88 (in.)	10.38 (in.)	9.50 (in.)	16.00 (in.)	5.13 (in.)	13.50 (in.)	10,000 (psi)	6,000 rpm	275*	40	35	30	32.00
PG553, PG554	22.00 (in.)	18.00 (in.)	12.50 (in.)	8.63 (in.)	16.63 (in.)	20.25 (in.)	10,000 (psi)	3,600 rpm	480	75	70	55	120.00

\* First stage oil delivery from 0-400 psi @ 230 cu. in. per minute minimum.

Ordering Information

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve No.	Valve Function	Reservoir Usable Oil Cap. (cu. in.)	Horsepower	Cycle
Single-Acting	2 hp pump with 2 gallon reservoir and single-acting valve.	PG303	3-Way	9520	Advance Hold Return	375	2	2
Single-Acting	6 hp pump with 5.7 gallon reservoir and single-acting valve.	PG553	3-Way	9520	Advance Hold Return	1,300*	6	4
Double-Acting	2 hp pump with 2 gallon reservoir and double-acting valve.	PG304	4-Way	9506	Advance Hold Return	375	2	2
Double-Acting	6 hp pump with 5.7 gallon reservoir and double-acting valve.	PG554	4-Way	9506	Advance Hold Return	1,300*	6	4

\* Usable oil is calculated with oil fill at recommended level at 1/2" below cover plate.

Model Shown:

**PG4204S, PG1204S, PG1200M-4D**

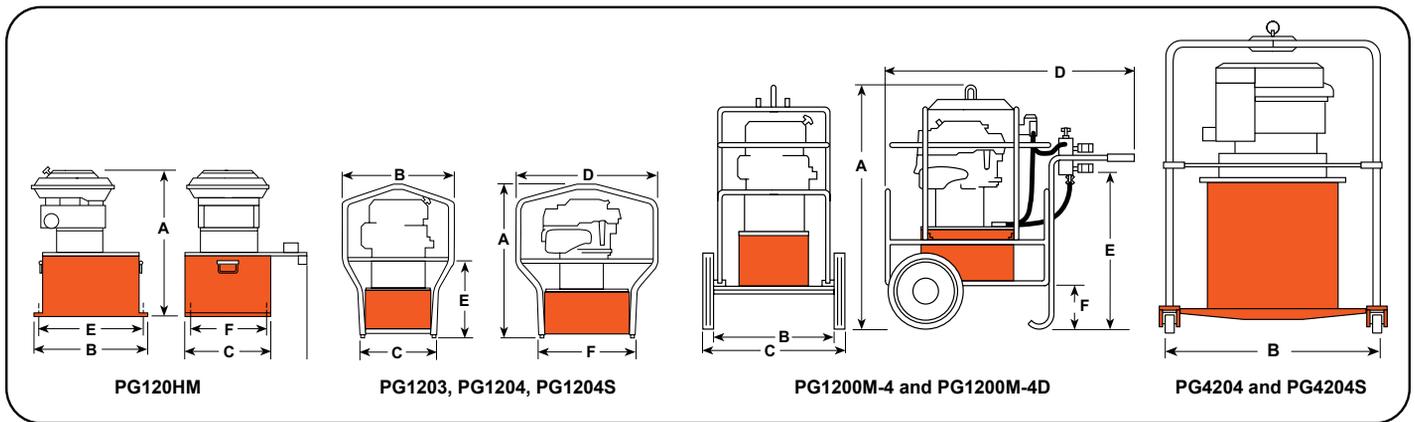
Pumps



**Features**

**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 0.5 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.
- CSA rated for intermittent duty.



**Technical Dimensions**

Order No.	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	Max. Pressure Output (psi)	rpm	Oil Del. (cu. in./min. @)				Prod. Wt. with Oil (lbs.)
									100 (psi)	1,000 (psi)	5,000 (psi)	10,000 (psi)	
PG120HM	23.00	15.50	14.25	19.00	13.31	12.13	10,000	3,600	480	175	150	130	150.00
PG1203	27.88	20.25	14.25	26.25	13.50	18.25	10,000	3,600	480	175	150	130	154.00
PG1204	27.88	20.25	14.25	26.25	13.50	18.25	10,000	3,600	480	175	150	130	154.00
PG1204S	27.88	20.25	14.25	26.25	13.50	18.25	10,000	3,600	480	175	150	130	161.00
PG1200M-4	42.13	18.00	25.00	42.50	26.25	7.25	10,000	3,600	480	175	150	130	260.00
PG1200M-4D	42.13	18.00	25.00	42.50	26.25	7.25	10,000	3,600	480	175	150	130	280.00
PG4204	50.25	52.00	52.00	—	—	—	10,000	3,600	1,240	1,120	475	400	435.00
PG4204S	50.25	52.00	52.00	—	—	—	10,000	3,600	1,240	1,120	475	400	440.00

**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.

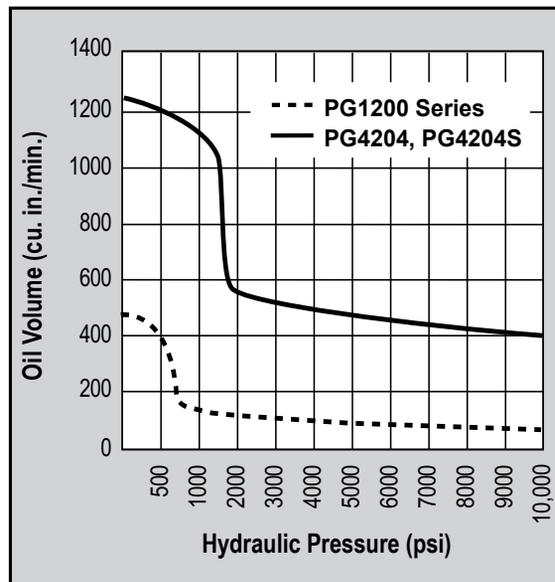
**PG1200M-4D**

- 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.

**PG420 Series Maximum Output Hydraulic Power Package**

- Ideal for single or multiple cylinder applications. Has a 4-cycle, 20 hp Honda engine and 20 gallon hydraulic reservoir (17 gallons usable) with low oil level sight gauge.
- Steel roll cage protects pump, has a lifting hook, and 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).
- USA EPA Clean Air Act EVAP Certified Product.

**▶ Performance Specifications**



**▶ Ordering Information**

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve No.	Valve Function	Reservoir *Usable Oil Cap. (cu. in.)	Horsepower	Cycle
Single-Acting	Base model 5 1/2 hp gasoline pump with 5.7 gallon reservoir.	PG1203	3-Way	9520	Advance Hold Return	1,300	5.5	4
Double-Acting	Base model 5 1/2 hp gasoline pump, with 5.7 gallon reservoir, roll cage, and double-acting valve.	PG1204	4-Way	9506	Advance Hold Return	1,300	5.5	4
Double-Acting	5 1/2 hp gasoline pump, with 5.7 gallon reservoir, roll cage, solenoid valve, and 25 feet cord.	PG1204S	4-Way Solenoid***	9516	Advance Hold Return	1,300	5.5	4
Double-Acting	5 1/2 hp gasoline pump with 5.7 gallon reservoir, roll cage, load-lowering valve, 4 port manifold, gauge, and double-acting systems.	PG1200M-4D	4-Way Manifold	9506 9642	Advance Hold Return**	1,300	5.5	4
Double-Acting	Base model 20 hp pump with 20 gallon reservoir.	PG4204	4-Way	9506	Advance Hold Return	3,927	20	4
Double-Acting	20 hp pump with 20 gallon reservoir, and solenoid-operated remote valve.	PG4204S	4-Way Solenoid***	9516	Advance Hold Return	3,927	20	4

\* Usable oil is calculated with oil fill at recommended level at 2.25" below cover plate.

\*\* Control up to 4 cylinders independently.

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

Model Shown:

**PG4204S, PG1204S, PG1200M-4D**

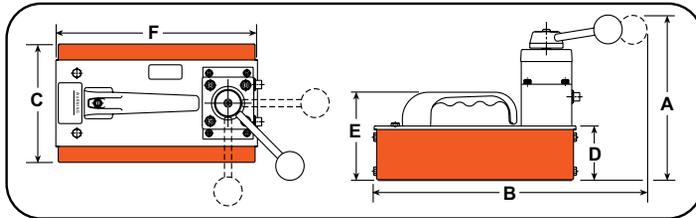
Pumps



**Features**

**CONVERTS LOW-PRESSURE PORTABLE HYDRAULIC PUMPS OR ON-BOARD HYDRAULIC SYSTEMS, INTO HIGH PRESSURE POWER SOURCES.**

- Applications include utilities, railroads, construction, riggers and others.
- Operates single or double-acting cylinders, jacks, and tools such as crimper's, spreaders, cable cutters, or tire tools. Version for use with double-acting torque wrenches available.
- May be used to operate two separate, single-acting tools (with integral valves) independently, without need for additional manifold.
- Compact and rugged for use inside a utility vehicle aerial bucket or stowing in a vehicle.
- No reservoir level to maintain; uses low pressure system as oil supply.
- Has 3/8" NPTF ports; compatible with standard fittings for low and high pressure systems.



**Technical Dimensions**

Order No.	A	B	C	D	E	F	Max. Pressure Output	Prod. Wt. with Oil
	(in.)	(in.)	(in.)	(in.)	(in.)	(in.)	(psi)	(lbs.)
HB44	8.63	14.50	6.13	2.75	4.50	10.50	44	16.00

**Ordering Information**

For Use With Cylinder Type	Description	Order No.	Valve Type	Valve No.	Output Flow Valve Function	Input Flow Range (gpm)	Input Flow Pressure (psi)	Output Flow Range (gpm)
Single-Acting	Hydraulic intensifier for single-acting systems	HB443	3-Way 3-Position	9520*	Advance Hold Return	0-10 †	300-2,000 †	0-2.5
Single-Acting, Double-Acting	Hydraulic intensifier for double-acting systems	HB444	4-Way 3-Position	9506*	Advance Hold Return	0-10 †	300-2,000 †	0-2.5
Double-Acting	Hydraulic intensifier for double-acting torque wrench tools	HB445-RR	4-Way 3-Position	-	Advance Hold Return	0-10 †	300-2,000 †	0-2.5

† For maximum efficiency, recommended input flow is 5 gpm at a maximum pressure of 2,000 psi. Higher flows and/or pressures must be compensated for at the system pump (e.g., relief valve, variable flow devices, etc.)

\* Posi-Check® valve design, Posi-Check® guards against pressure loss when valve is shifted from "advance" position to "hold" position.