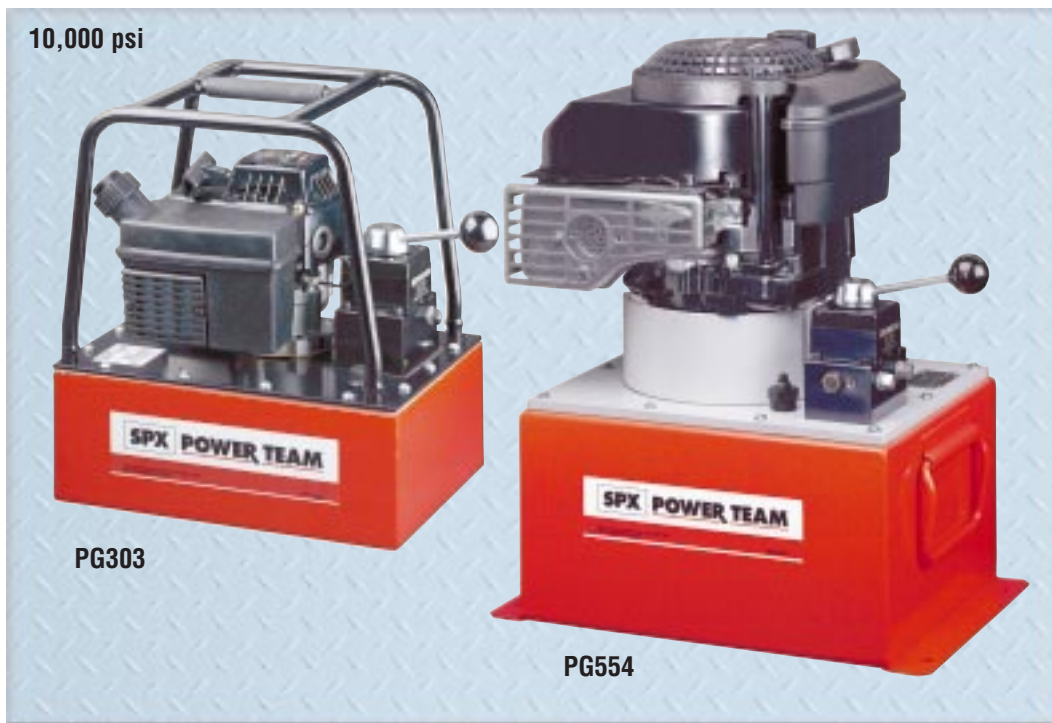


Gasoline Hydraulic Pumps

30-55 cu. in./min. — 2-6 hp (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.



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”.

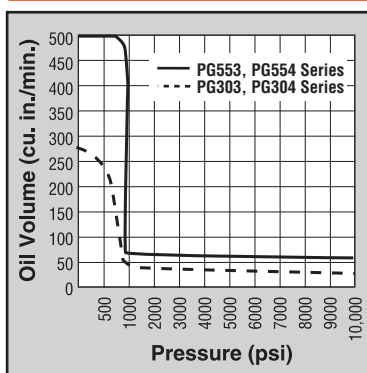
PG303 and PG304

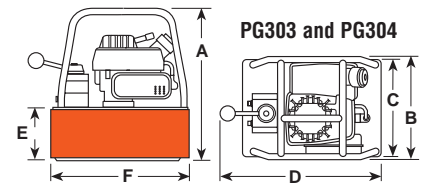
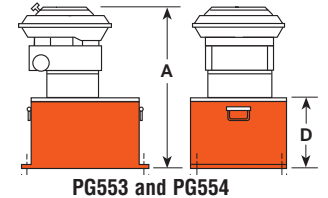
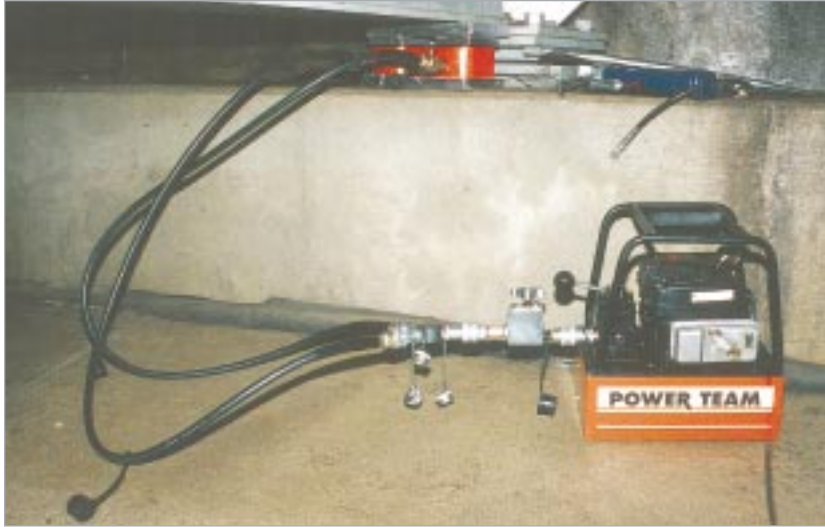
- Powered by a 2-cycle, 2 hp Tecumseh engine giving it the lowest weight to horsepower ratio of all gasoline driven pumps. Has an aluminum reservoir with 375 cu. in. of usable oil.
- Has same basic pump as PE30 series electric operated pumps.
- PG30 series pumps are equipped with roll cages to protect pump from damage.
- PG30 series pumps weigh in at only 32 lbs. 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

- 6 hp Intek “Diamond Edge” 4-cycle, powered by a Briggs & Stratton engine. Has a 5 gallon 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 (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	
PG303, PG304	6,000	10,000 psi	275*	40	35	30	14½	10%	9½	16	5%	13½	32
PG553, PG554	3,600	10,000 psi	480	75	70	55	22	18	12½	8%	16%	9	120

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

ORDERING INFORMATION

See current price list for shipping weights.

SINGLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Horsepower	Cycle
		Type	No.	Function			
2 hp pump with 2 gal. reservoir and single-acting valve.	PG303	3-Way	9520	Advance Hold Return	375 cu. in.	2	2
6 hp pump with 5.7 gal. reservoir and single-acting valve.	PG553	3-Way	9520	Advance Hold Return	1,300 cu. in. **	6	4

DOUBLE-ACTING

Description	Order No.	Valve			Reservoir (Usable)	Horsepower	Cycle
		Type	No.	Function			
PG303, except has double-acting valve.	PG304	4-Way	9506	Advance Hold Return	375 cu. in.	2	2
PG553, except has double-acting valve.	PG554	4-Way	9506	Advance Hold Return	1,300 cu. in. **	6	4

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