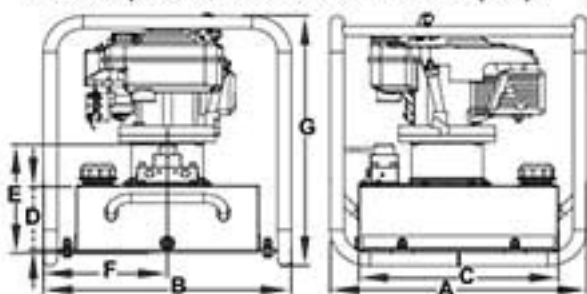


Combustion Engine Pumps

- Gas pump can provide 10,000 psi / 700 Bar hydraulic force at remote locations.
- Industrial grade 5.5 HP Petrol or Diesel engine.
- Manual control valve for use with single or double acting cylinders or tools.
- Two speed operation.
- Pump features a sturdy protective roll cage for use in the toughest environments.
- In combination with PWSC several manual operated Bieri components can be used on PG or PD pumps.



PD3505

Gasoline Pump:
Will be delivered without hydraulic oil inside.
No Stock item, only on special request!

Model Number	Motor Size (KW)	Valve Type	Pressure Rating (bar)		Oil Output Flow Rate (L/min)		Valve Function	Rotation Speed (rpm)	Sound Level (dBA)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
			1st Stage	2nd Stage	1st Stage	2nd Stage											
			USABLE OIL CAPACITY: 19 LITER														
PG5505	4.1	Manual	48	700	11.68	1.64	4-way 3-position	3600	93	592	572	460	159	273	283	620	55
PD3505	4.1	Manual	48	700	11.68	1.64	4-way 3-position	3600	93	592	572	460	159	273	283	670	73

Pumps / Cylinders Operation and Speed Charts

Model Number	Number of stroke per cm of Cylinder Plunger Travel															
	5 ton		10 ton		15 ton		25 ton		30 ton		50 ton		75 ton		95 ton	
	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load
Power Source: MANUAL																
PG01S	3	3	6	6	9	9	14	14	17	17	29	29	42	42	54	54
P350	2	8	5	18	7	25	11	41	13	52	22	87	32	127	41	162
P1000	1	3	2	7	2	9	3	15	4	19	6	31	8	46	11	58
P2001/P2001M	1	3	2	7	2	9	3	15	4	19	6	31	8	45	10	58
Model Number	Seconds per cm of Cylinder Plunger Travel															
	5 ton		10 ton		15 ton		25 ton		30 ton		50 ton		75 ton		95 ton	
	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load	No Load	Load
Power Source: AIR (BASED ON 7 BAR AIR PRESSURE)																
PA600	0.4	2.6	0.9	5.8	1.2	8.1	2.0	13.3	2.5	16.8	4.2	28.3	6.2	41.6	8.0	53.1
PA1500	0.4	2.1	0.9	4.8	1.2	6.8	2.0	11.1	2.5	14.0	4.2	23.6	6.2	34.6	8.0	44.2
PA1500M	0.4	2.6	0.9	5.8	1.2	8.1	2.0	13.3	2.5	16.8	4.2	28.3	6.2	41.6	8.0	53.1
PA2000	0.4	2.6	0.8	5.8	1.1	8.1	1.9	13.3	2.3	16.8	4.0	28.3	5.8	41.6	7.4	53.1
PA3801	0.4	2.6	0.8	5.8	1.1	8.1	1.9	13.3	2.3	16.8	4.0	28.3	5.8	41.6	7.4	53.1
PA1500L & PA3801L	0.4	2.3	1.0	5.4	1.4	7.6	2.2	12.5	2.8	15.7	4.7	26.6	6.9	39.0	8.8	49.8
Power Source: Electric (speed based on 50Hz)																
PE0501	0.1	1.5	0.2	3.5	0.3	4.9	0.5	8.0	0.6	10.1	1.0	17.0	1.5	24.9	1.9	31.8
PE0501	0.1	1.5	0.2	3.3	0.2	4.6	0.4	7.6	0.5	9.6	0.9	16.2	1.3	23.8	1.6	30.4
PE1002	0.1	0.7	0.2	1.7	0.2	2.4	0.4	3.9	0.5	4.9	0.9	8.2	1.3	12.1	1.6	15.4
PE1503	0.1	0.5	0.1	1.0	0.2	1.5	0.3	2.4	0.4	3.0	0.7	5.1	1.0	7.5	1.2	9.5
PE3005	0.05	0.2	0.1	0.6	0.2	0.8	0.3	1.3	0.3	1.6	0.5	2.7	0.8	4.0	1.0	5.1
PE0501	0.10	1.6	0.2	3.5	0.3	5.0	0.5	8.1	0.6	10.2	1.1	17.3	1.6	25.3	2.0	32.4
PE1002	0.09	0.8	0.2	1.8	0.3	2.5	0.5	4.0	0.6	5.1	1.0	8.6	1.5	12.7	1.9	16.2
PE1503	0.06	0.5	0.1	1.1	0.2	1.5	0.3	2.4	0.4	3.1	0.7	5.2	1.0	7.6	1.3	9.7
PE3005	0.05	0.3	0.1	0.6	0.2	0.8	0.3	1.3	0.4	1.7	0.6	2.9	0.9	4.2	1.1	5.4
Power Source: ROTARY AIR (BASED ON 7 BAR AIR PRESSURE)																
PAR017--	0.04	1.0	0.1	2.4	0.1	3.3	0.2	5.4	0.3	6.8	0.5	11.5	0.7	16.8	0.9	21.5
PAR040--	0.03	0.3	0.1	0.8	0.1	1.1	0.1	1.7	0.2	2.2	0.3	3.7	0.4	5.4	0.5	6.9
PAR17--	0.04	1.0	0.1	2.4	0.1	3.3	0.2	5.4	0.3	6.8	0.4	11.5	0.6	16.8	0.8	21.5
PAR40--	0.03	0.3	0.1	0.8	0.1	1.1	0.1	1.7	0.2	2.2	0.3	3.7	0.4	5.4	0.5	6.9
Power Source: Gasoline																
PG5505/PD3505	0.03	0.2	0.1	0.5	0.1	0.8	0.2	1.2	0.2	1.6	0.4	2.7	0.5	3.9	0.7	5.0