



Pressure Washing Solutions

A Pump for Every Pressure Washer



Product Quality, Reliability and Support You Expect

www.catpumps.com



Keep Your Pressure Washer Running with Cat Pumps

One of the most critical components in a pressure wash system is the pump. The pump transfers energy from the engine to move water and wash solutions under pressure to the nozzle. Because the pump sees system pressures and works with a variety of fluids, it has a tough job to do. Specifying the best pump for the application is vital to long trouble-free service. That's where Cat Pumps comes into play.

Cat Pumps extensive product line provides a solution for every pressure washing application — portable or stationary:

- Direct-drive pumps for gas and electric systems provide economy and a compact footprint.
- Belt-drive pumps offer flexibility in meeting your performance requirement.
- Gearbox pumps mount directly to gas engines for heavy-duty portable washing applications.
- Bell housing and flexible coupling motor-pump units provide a durable direct-drive alternative.
- Custom power units for large industrial pressure cleaning.
- Accessories to match each pump or custom pressure washing system performance.



Cat Pumps Offers Lowest Cost of Ownership

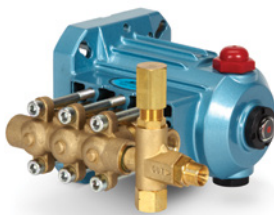
When quality counts, Cat Pumps is the #1 choice for pressure washer pumps. Less expensive pumps actually cost more in the long run. Preventing just one hour of downtime covers any price difference. Get more work done — with far fewer hassles — by specifying Cat Pumps.

Cat Pumps customers enjoy the following benefits:

- Higher productivity and less downtime
- Fewer repairs and much less maintenance costs
- Greater confidence in equipment performance



Model 4DX20EUIF



Model 2SF22ES



Model 4SF40ELS

Direct Drive, Hollow Shaft, 5/8" NEMA 56C

Direct Drive Plunger Pumps

Special direct-drive, hollow-shafted 2SF, 4DX and 4SP pumps with flange mount offer an industrial, high quality, alternative for your portable pressure washing tasks.

Pump Model	Shaft Size	Flow		Pressure		Pump rpm	hp*
		gpm	lpm	psi	bar		
4DX15EUF	5/8"	1.5	5.7	2000	138	3450	2.05
4DX20EUF	5/8"	2.0	7.6	2000	138	3450	2.7
4SP21ELU	5/8"	2.1	7.9	2000	138	1725	2.8
2SF22ES	5/8"	2.2	8.3	2000	138	3450	3.0
4DX27EUF	5/8"	2.7	10.2	2000	138	3450	3.7
2SF29ELS	5/8"	2.9	11.0	1500	103	1725	3.0
4DX30EUF	5/8"	3.0	11.4	1500	103	3450	3.1
2SF35ES	5/8"	3.5	13.2	1500	103	3450	3.6

*Standard Electric Brake Horsepower Calculation. Call for stainless steel pump options.

NOTE: All 3450 rpm rated pumps can operate at 1725 rpm, thus reducing flow by 50%.

NOTE: See 3/4" Gas and Electric Options for 3/4" shaft.

Direct Drive, Hollow Shaft, 1-1/8" Electric NEMA 184TC

Direct Drive Plunger Pumps

Special direct-drive, hollow-shafted 4SF pumps with flange mount offer an industrial, high quality, alternative for your portable pressure washing tasks.

Pump Model	Shaft Size	Flow		Pressure		Pump rpm	hp*
		gpm	lpm	psi	bar		
4SF40ELS	1-1/8"	4.0	15.1	3500	241	1725	9.5
4SF50ELS	1-1/8"	5.0	18.9	3000	207	1725	10.3

*Standard Electric Brake Horsepower Calculation.



Model 4SPX32G1I



Model 4DNX25GSI



Model 66DX40G1I

Direct Drive, Hollow Shaft, 3/4" Gas and Electric

Direct Drive Plunger Pumps

The innovative design of these direct-drive, hollow-shafted 2SF, 2SFX, 3DX and 4DNX pumps makes them more durable and longer lasting than any other pump in this class.

Pump Model	Shaft Size	Flow		Pressure		Pump		Typical Gas Engine**
		gpm	lpm	psi	bar	rpm	hp*	
4DNX25GSI	3/4"	2.5	9.5	3000	207	3450	5.1	6.5
4DNX27GSI	3/4"	2.7	10.2	3000	207	3450	5.5	8.0
2SF30GS	3/4"	3.0	11.4	2000	138	3450	4.2	6.5
2SFX30GZ	3/4"	3.0	11.4	2500	172	3450	5.2	8.0
3DX30GSI	3/4"	3.0	11.4	2500	172	3450	5.2	6.5
2SF35GS	3/4"	3.5	13.2	2000	138	3450	4.8	6.5

*Standard Electric Brake Horsepower Calculation **May vary with engine efficiency.

NOTE: Remove gas adapter plate when mounting pump to 3/4" shaft electric motor.

Direct Drive, Hollow Shaft, 1" Gas

Direct Drive Plunger Pumps

The innovative design of these direct-drive, hollow-shafted 4SF, 4SPX and 66DX pumps makes them more durable and longer lasting than any other pump in this class.

Pump Model	Shaft Size	Flow		Pressure		Pump		Typical Gas Engine**
		gpm	lpm	psi	bar	rpm	hp*	
66DX30G1I	1"	3.0	11.4	4000	275	3400	8.2	13.0
4SPX32G1I	1"	3.2	12.2	3000	207	3450	6.6	9.0
66DX35G1I	1"	3.5	13.2	4000	275	3400	9.6	13.0
66DX40G1I	1"	4.0	15.0	4000	275	3400	11.0	16.0
4SF45GS1	1"	4.5	17.0	3000	207	3200	9.3	13.0
4SF50GS1	1"	5.0	18.9	3000	207	3200	10.3	16.0

*Standard Electric Brake Horsepower Calculation **May vary with engine efficiency.



Model 45G1



Model 56G1



Model 700G1

Direct Drive, Gearbox, 3/4" and 1"

Direct Drive Plunger Pumps

Gearbox pumps are common for industrial washing units. Special oversized helical gears on the 5CP-7CP provide a smooth, quiet gear reduction for compact direct-drive gas engine systems.

Pump Model	Shaft Size	Flow		Pressure		Pump rpm	Engine rpm	hp*	Typical Gas Engine**
		gpm	lpm	psi	bar				
3CP1120G†	3/4"	3.5	13.2	2200	152	1420	3600	5.3	8.0
5CP3160CSSG1	1"	4.0	15.1	3500	241	1627	3320	9.6	13.0
60G1	1"	4.2	15.9	4000	275	1570	3200	12.3	18.0
45G1	1"	4.5	17.0	3500	241	1645	3353	10.8	16.0
5CP3120CSSG1	1"	4.5	17.0	3500	241	1645	3353	10.8	16.0
700G1†	1"	4.5	17.0	5000	345	1700	3465	15.4	20.0
5CP5135CSSG1	1"	5.0	18.9	3500	241	1480	3090	12.0	16.0
5CP5140CSSG1	1"	5.5	20.8	3500	241	1500	3060	13.2	18.0
5CP6120CSSG1†	1"	6.7	25.4	1600	110	1570	3200	7.4	8.0
56G1	1"	8.0	30.3	2500	172	1760	3600	13.7	16.0
5CP6190G1	1"	8.7	32.9	1200	83	1570	3200	7.2	13.0
7CP6110G1†	1"	10.0	38.0	2000	138	1667	3400	13.7	18.0
7CP6170G1	1"	12.0	45.4	1800	124	1600	3264	12.3	16.0

*Standard Electric Brake Horsepower Calculation **May vary with engine efficiency. †Call for stainless steel pump options

NOTE: All 1" versions are available with 1-1/8"

"In our business, downtime means delays and lost productivity. We use only Cat Pumps on all of our cleaning equipment because in our business, reliability and dependability are the keys to our success. Cat Pumps have provided many years of excellent service and we will always demand them in the future."

Chris Keating – Power Clean



Model 5CP3120CSS



Model 7CP6110



Model 56

Direct Drive, Bell Housing

Plunger Pumps

Bell housing/Flexible coupling offer direct-drive alternatives for select models.

Pump Model	Flow		Pressure		Pump	
	gpm	lpm	psi	bar	rpm	hp*
5CP3110CSS	3.6	13.6	3500	241	1750	8.6
5CP3160CSS	4.3	16.3	3500	241	1750	10.2
60	4.7	17.8	4000	275	1750	12.9
700 [†]	4.7	17.8	5000	345	1750	15.8
5CP3120CSS	4.8	18.2	3000	207	1750	9.9
5CP5120	6.0	22.7	2500	172	1750	10.3
5CP5140CSS	6.7	25.5	3000	207	1750	13.8
5CP6120 [†]	7.4	28.0	1200	83	1750	6.7
56	8.0	30.3	2500	172	1760	13.7
5CP6190	9.7	36.7	1200	83	1750	8.0
7CP6110 [†]	10.5	39.7	2000	138	1750	14.4

*Standard Electric Brake Horsepower Calculation. [†]Call for Stainless Steel pump options

Direct-Drive Mounting Components

Pump Model	Motor Frame	Bell Housing Assembly	Flex Coupling Assembly
5CP Series	143/145C	76056.5CP	8260
	182/184TC	76184.5CP	8230
	213/215TC	76215.5CP	8275
	254/256TC	76256.5CP	8217
7FR (Models: 56, 60, 700)	213/215TC	76215.7FR	8375
	254/256TC	76256.7FR	8380
7CP6110	182/184TC	76184.7CP	8370
	213/215TC	76215.7CP	8375
	254/256TC	76256.7CP	8380

NOTE: Contact Cat Pumps for complete motorized pump units (pump, motor, bellhousing & flexible coupling)



Model 5CP3120CSS
w/ Motor, Bellhousing, Flexible Coupling



Model 5CP5120



Model 1050



Model 3560

Belt Drive

Plunger Pumps

Belt-drive pumps are the most flexible and most commonly used in industrial pressure washing units. This flexibility allows you to size pulleys to the precise RPM for the desired system flow.

Pump Model	Flow		Pressure		Pump rpm	hp*	Typical Gas Engine**
	gpm	lpm	psi	bar			
1810	3.0	11.4	10000	689	1500	20.6	30.0
5CP3120	4.5	17.0	3500	241	1645	10.8	16.0
5CP3120CSS	4.5	17.0	3500	241	1645	10.8	16.0
45	4.5	17.0	3500	241	1645	10.8	16.0
57	4.5	17.0	4000	275	1285	12.3	18.0
700 [†]	4.5	17.0	5000	345	1700	15.4	20.0
530	5.0	18.9	2500	172	1100	9.4	13.0
5CP5120	5.0	18.9	3000	207	1415	10.3	16.0
550	5.0	18.9	3000	207	1415	10.3	16.0
56	5.5	20.8	3500	241	1210	13.2	18.0
5CP5140	5.5	20.8	3500	241	1500	13.2	18.0
5CP6120 [†]	6.0	22.7	1600	110	1400	6.6	8.0
1560	8.0	30.3	4000	275	1140	22.0	30.0
5CP6190	8.25	31.2	1450	100	1450	8.2	10.0
1050 [†]	10.0	38.0	2200	152	958	15.1	20.0
660 [†]	10.0	38.0	3000	207	1429	20.5	25.0
3507 [†]	10.0	38.0	5000	345	915	34.2	45.0
7CP6170 [†]	11.0	41.6	2000	138	1450	15.1	20.0
1050 Alt. [†]	12.0	45.4	1800	124	1150	14.8	20.0
7CP6170Alt. [†]	12.0	45.4	1800	124	1600	14.8	20.0
1530 [†]	15.6	59.0	1500	103	1450	16.0	25.0
1540E [†]	18.0	68.1	1200	83	1100	14.8	20.0
2510 [†]	20.0	75.7	2000	138	1450	27.5	37.0
3560	20.0	75.7	4000	275	1160	55.0	75.0
3560 Alt.	25.0	94.6	3000	207	1450	51.5	70.0

Contact Cat Pumps for higher capacities or custom engineered Power Units. *Standard Electric Brake Horsepower Calculation **May vary with engine efficiency.

[†]Call for stainless steel pump options

Typical Accessories for your Pressure Washer

Pressure Regulating Unloader (Pressure Sensitive)

Flow (GPM)	Pressure (PSI)	Part #
.5 - 6.0	100 - 2000	7500S
.5 - 7.8	100 - 3145	7620
2 - 10	400 - 5100	7630
2.5 - 10.5	230 - 2300	7693
2.5 - 10.5	400 - 4050	7694
1 - 21	230 - 2600	7537
1 - 21	800 - 4000	7542
1 - 21	1500 - 7250	7576
10 - 52	400 - 2175	7590
10 - 52	750 - 4050	7593

Pressure Regulating Unloader (Flow Sensitive)

Flow (GPM)	Pressure (PSI)	Part #
2.4 - 10	100 - 4000	7450

Pressure Regulator

Flow (GPM)	Pressure (PSI)	Part #
.5 - 5	100 - 1000	7001
.5 - 5	500 - 2000	7002
.5 - 5	1500 - 3000	7003
1 - 10	100 - 1000	7011
1 - 10	500 - 2000	7012
1 - 10	1500 - 3000	7013
1 - 10	2000 - 4000	7014
1 - 12	3000 - 6000	7366
2.5 - 25	100 - 1000	7021
2.5 - 25	500 - 2000	7022
2.5 - 25	1500 - 3000	7023
2.5 - 25	2000 - 4000	7024
3.5 - 35	250 - 1000	7031
3.5 - 35	1000 - 2000	7032
3.5 - 35	1500 - 3000	7033

25F, 25FX, 4DNX, 4DX, 4SF, 4SPX, 66DX series pumps supplied with pressure regulating unloader.

Safety Relief Valve

Max Flow (GPM)	Pressure (PSI)	Part #
6	300 - 1500	33960
6	1000 - 4000	33962
6.5	400 - 5000	7190
10.5	230 - 2300	7693.100
10.5	400 - 4050	7694.100
10.5	400 - 5100	7630.100
21	230 - 2600	7537.100
21	800 - 4000	7542.100
21	100 - 7250	7196
52	400 - 2175	7590.100
52	450 - 2500	7592.100

Pressure Gauge

Max Pressure (PSI)	Part #
1500	6086
3000	6088
6000	6089

Thermo Valve, 1/4" NPT(M)

Max Temp, °F	Part #
130	7146
145	7140
165	7143
180	7170

Thermo Valve, 3/8" NPT(M)

Max Temp, °F	Part #
145	7141
165	7144
180	7171

Thermo Valve, 1/2" NPT(M)

Max Temp, °F	Part #
145	7142
165	7145
180	7172



CAT PUMPS

1681 - 94TH LANE N.E. MINNEAPOLIS, MN 55449-4324
 PHONE (763) 780-5440 — FAX (763) 780-2958
 e-mail: techsupport@catpumps.com
 www.catpumps.com