

# 10,000 PSI PRODUCTS



## Dependable Products for High-Pressure System Demands

High-pressure systems (to 10,000 psi/689 bar) place extreme demands on system components. Pressure intensification, stress concentration, and metal fatigue can be more pronounced as pressure and pressure fluctuations increase. High-pressure systems require proven products designed to meet the challenge.

Cat Pumps engineers have focused on critical design elements to withstand higher pressures and provide long trouble free life:

- Drive-end uses matched connecting rods and oversized bearings with greater loading capacity for longer bearing life
- Concentric, high-density polished solid ceramic plungers provide a true wear surface, resulting in industry-leading seal life
- V-Packings and low pressure seals are completely lubricated and cooled, greatly increasing service life

Cat Pumps has earned the reputation for designing and building the longest-lasting, most dependable high-pressure pumps available. Customers across the globe trust Cat Pumps products to keep their equipment up and running. When it needs to run, make it Cat Pumps.

### Applications:

- Hydrostatic Testing
- Chemical Injection
- Surface Prep/Tube Cleaning
- High Pressure Tooling
- Oilfield Washdown
- Blow Off Preventer (BOP)
- Sewer Drain Blasting/Jetting
- Heavy Equipment Cleaning
- Railroad Undercarriage and Tank Car Cleaning
- Marine Barnacle Growth/ Paint Removal

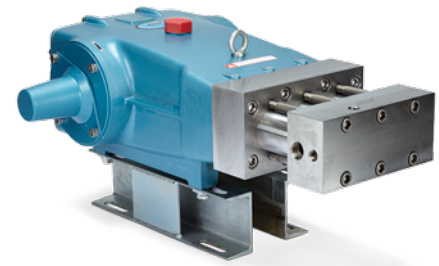
# Model 1810 Triplex Positive Displacement Pump

SPECIFICATIONS	U.S. Measure	Metric Measure
Flow	3.0 gpm	11.4 lpm
Pressure Range	100 to 10,000 psi	7 to 689 bar
Inlet Pressure Range	Flooded to 60 psi	Flooded to 4 bar
RPM	1500	1500
Crankcase Capacity	42 oz	1.24 L
Max. Liquid Temperature	160° F	71° C
Inlet Ports (2)	1/2" NPT(F)	1/2" NPT(F)
Discharge Ports (3)	3/8" NPT(F)	3/8" NPT(F)
Weight	60 lbs	27.3 kg
Dimensions	19.53 x 12.99 x 6.44"	496 x 330 x 164 mm



# Model 6810 Triplex Positive Displacement Pump

SPECIFICATIONS	U.S. Measure	Metric Measure
Flow	10 gpm	37.8 lpm
Pressure Range	100 to 10,000 psi	7 to 689 bar
Inlet Pressure Range	Flooded to 50 psi	Flooded to 3.5 bar
RPM	600	600
Crankcase Capacity	10 qts	9.46 l
Max. Liquid Temperature	140° F	60° C
Inlet Ports (2)	1" NPT(F)	1" NPT(F)
Discharge Ports (3)	1/2" NPT(F)	1/2" NPT(F)
Weight	377.4 lbs	171.5 kg
Dimensions	31.75 x 24.02 x 11.12"	806 x 610 x 282 mm



# Matching High-Pressure Accessories

MODEL	PRESSURE
7720 SS Pressure Regulator	2,000 - 10,000 psi (138 - 689 bar)
890708 SS Relief Valve	2,500 - 10,000 psi (172 - 689 bar)
9920 SS Rupture Disc	15,000 psi (1034 bar)
6032.800 SS Pulsation Dampener	Up to 10,000 psi (689 bar)
6081 SS Pressure Gauge	0 - 20,000 psi (1379 bar)
999401 SS Hex Nipple 3/8" NPT(M) x 1/4" NPT(M)	0 - 15,000 psi (1034 bar)
999402 SS Reducer Adapter 1/2" NPT(F) x 3/8" NPT(M)	0 - 15,000 psi (1034 bar)
999403 SS Hex Nipple 1/2" NPT(M) x 1/4" NPT(M)	0 - 15,000 psi (1034 bar)
999404 SS Hex Plug 3/8" NPT(M)	0 - 15,000 psi (1034 bar)
999405 SS Tee 3/8" NPT(F)	0 - 15,000 psi (1034 bar)
999406 SS Tee 1/2" NPT(F)	0 - 15,000 psi (1034 bar)



Contact Cat Pumps for more information at [techsupport@catpumps.com](mailto:techsupport@catpumps.com) or 763-780-5440



## CAT PUMPS

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