

# 10,000 PSI PRODUCTS



## Triplex Positive Displacement Plunger Pump Model 1810

There are many challenges facing high pressure applications requiring 10,000 psi. Pumps can be very unreliable and hydraulic intensifiers can be very inefficient. These issues coupled with frequent and difficult servicing make these applications even more challenging.

Cat Pumps model 1810 was designed and manufactured to address these difficult field issues. Engineered to provide maximum seal life and easy in-field maintenance, the triplex plunger design provides high-efficiency and maximum durability. Repair parts are stocked by hundreds of distributors around the world for fast turnaround. Service can be performed without any special tools making maintenance fast and efficient.

### Applications:

- Hydrostatic Testing
- Chemical Injection
- Surface Prep/Tube Cleaning
- High Pressure Tooling
- Oilfield Washdown
- Blow Off Preventer (BOP)
- Sewer Drain Blasting
- 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
Inlet Pressure Range	Flooded to 60 PSI	Flooded to 4 BAR
Crankcase Capacity	42 oz	1.24 L
Maximum Liquid Temperature	160°F	71°C
Inlet Ports (2)	1/2" NPTF	1/2" NPTF
Discharge Ports (3)	3/8" NPTF	3/8" NPTF
Weight	60 lbs	27.3 kg
Dimensions	19.53" x 12.99" x 6.44"	496 x 330 x 164 mm



# Model 7720 High-Pressure Pressure Regulator

## New conical piston and seat design

- 0.5 – 10.0 gpm (1.9 - 37.8 lpm), 2,000 - 10,000 psi (138 - 689 bar)
- Compact flow-through design with by-pass port for easy installation
- Low by-pass allows 95% use of system output
- Top-adjusting nut for easy setting and adjustment of system pressure



# Matching High-Pressure Accessories

Model	Pressure
9920 SS Rupture Disc	15,000 psi (1034 bar)
701610 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" NPTM x 1/4" NPTM	0 - 15,000 psi (1034 bar)
999402 SS Reducer Adapter 1/2" NPTF x 3/8" NPTM	0 - 15,000 psi (1034 bar)
999403 SS Hex Nipple 1/2" NPTM x 1/4" NPTM	0 - 15,000 psi (1034 bar)
999404 SS Hex Plug 3/8" NPTM	0 - 15,000 psi (1034 bar)
999405 SS Tee 3/8" NPT	0 - 15,000 psi (1034 bar)
999406 SS Tee 1/2" NPT	0 - 15,000 psi (1034 bar)



Contact us for a quote at [techsupport@catpumps.com](mailto:techsupport@catpumps.com) or 763-780-5440

## CAT PUMPS

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