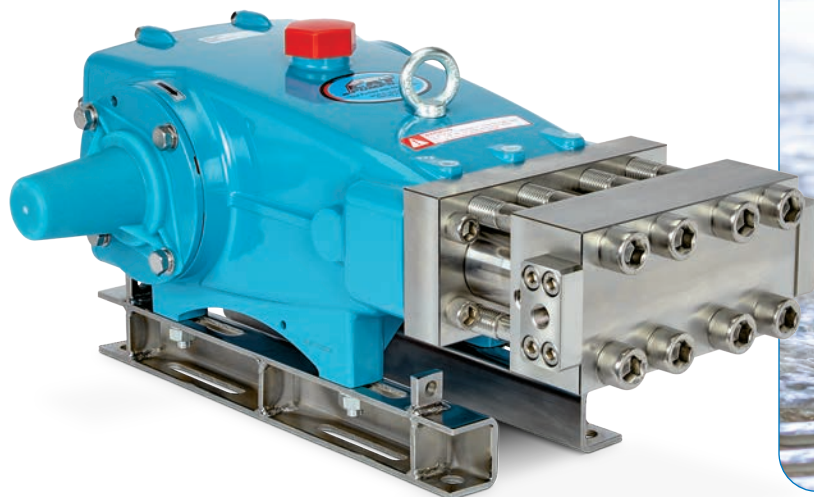


MODEL 3810 PLUNGER PUMP



6 GPM | 10,000 PSI

Tested and Proven 10,000 PSI Performance

High-pressure systems operating up to 10,000 psi place extreme demands on system components, where pressure intensification and cyclic loading exploit any design or manufacturing defects. The Cat Pumps Model 3810 is engineered to exceed those demands, delivering dependable performance up to 6 gpm and 10,000 psi for demanding industrial applications.

Positioned between the proven Model 1810 (3 gpm) and Model 6810 (10 gpm), the 3810 expands the Cat Pumps 10,000 psi lineup with a new flow option built on proven design principles. A newly developed block-style stainless steel manifold provides the strength required for sustained high-pressure operation, while Cat Pumps drive-end and sealing technologies support long service life.

The Model 3810 has been rigorously tested in Cat Pumps' laboratory for thousands of hours to validate performance and durability.

When high pressure is critical, make it Cat Pumps.

Features:

- Block-style 304 stainless steel manifolds deliver high structural strength and corrosion resistance for demanding industrial applications.
- PTFE and acetal packing assemblies provide added stability at high pressure while extending seal life.
- Matched connecting rods and oversized bearings increase load capacity and significantly extend bearing life.
- High-density, polished solid ceramic plungers provide a true wear surface for industry-leading seal performance.

Typical Applications:

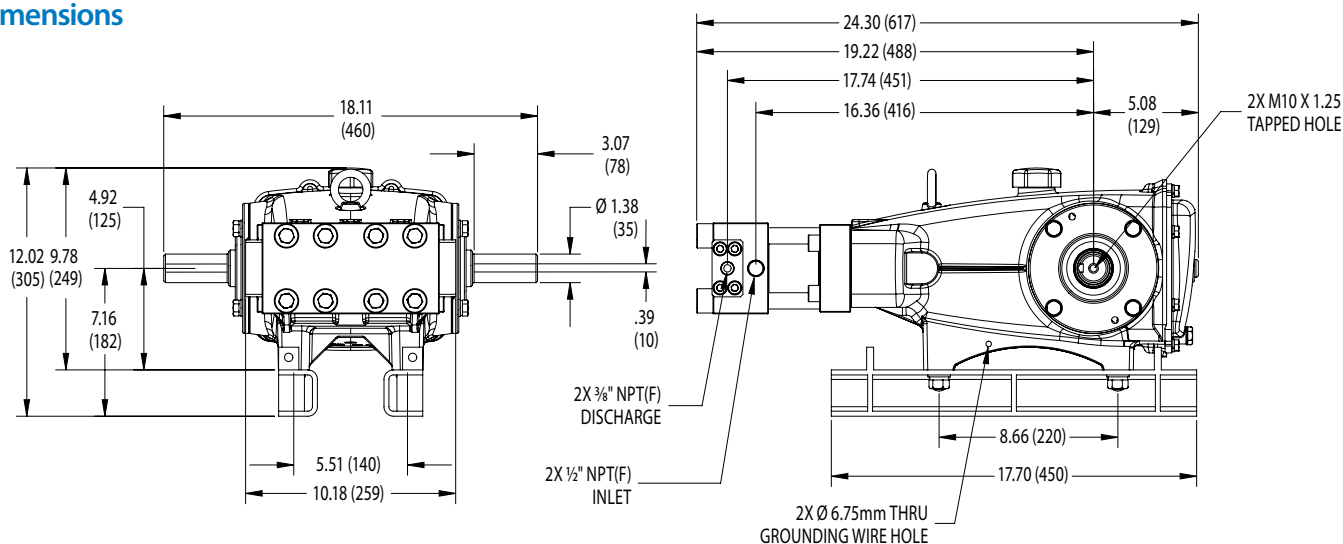
- Water Jet Cutting
- Hydrostatic Testing
- Chemical Injection
- High-Pressure Tooling
- Surface Prep/Tube Cleaning
- High-Pressure Washdown
- Heavy Equipment Cleaning
- Blow Off Preventer (BOP)
- Marine Barnacle Growth/ Paint Removal

Specifications

	US MEASURE	METRIC MEASURE
Flow	6 gpm	22.7 lpm
Pressure Range	100–10,000 psi	6.9–689 bar
Pump RPM**	870 rpm	870 rpm
Inlet Pressure Range	Flooded to 70 psi	Flooded to 4.8 bar
Max Liquid Temperature	140° F	60° C
Inlet Ports (2)	½" NPT(F)	½" NPT(F)
Discharge Ports (2)	¾" NPT(F)	¾" NPT(F)
Shaft Diameter	1.378"	35 mm
Weight	119 lbs	54 kg
Dimensions	24.30 x 18.11 x 9.78"	617 x 460 x 248 mm

*Pump minimum is 100 RPM

Dimensions



Popular Accessories



Pressure Regulator

PN 7720

0.5 – 10.0 gpm
2000 – 10,000 psi



Pop-Off Valve

PN 9975

2.4 – 10.6 gpm
2900 – 14,500 psi



Pressure Gauge

PN 6081

0 – 20,000 psi



Pulsation Dampener

PN 6032

Up to 10 gpm
0 – 10,000 psi



Oil

PN 6102

2.5 Gallon Jug
Specially-Formulated
for Extended Protection

Contact Cat Pumps for more information at info@catpumps.com or (763) 780-5440



CAT PUMPS

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