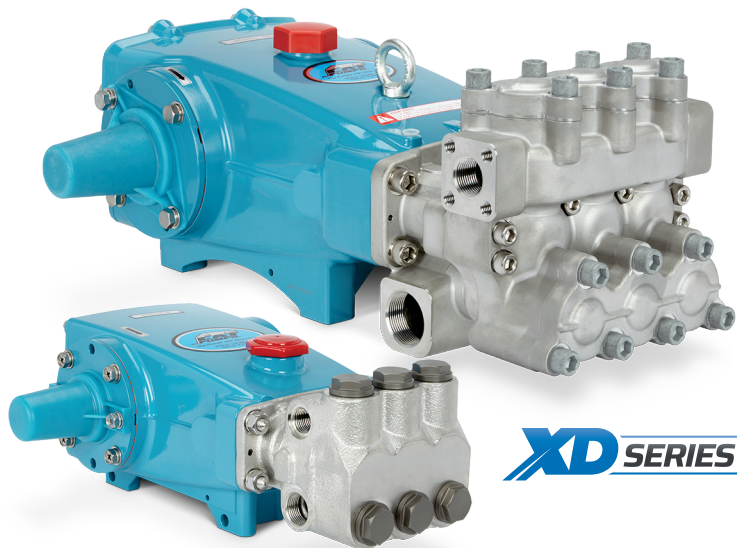


# XD-SERIES PLUNGER PUMPS



## 10-45 GPM | Up to 2,200 PSI

### Built for Demanding, Ultra-Pure DI Water Operation

Demanding applications like turbine inlet cooling, misting and fogging systems require equipment that can handle continuous operation in harsh conditions. Cat Pumps' XD-Series is purpose-built to deliver dependable performance while minimizing maintenance and system interruptions.

Cat Pumps' next-generation seal package is at the heart of the design — X-Series long-life high-pressure packings paired with exclusive low-pressure seals engineered for low-lubricity fluids, including deionized water. By removing the need for freshwater flush systems, the XD-Series simplifies operation, lowers costs and significantly reduces wear.

From power generation to data centers, greenhouses to dust control, the XD-Series ensures reliable uptime and long-term value through superior efficiency, durability and reduced cost of ownership.

#### Features

- Proprietary XD-Series low-pressure seals handle low-lubricity fluids without the need for manifold flushing.
- Advanced X-Series high-pressure packings reduce friction and heat, delivering up to three times longer life.
- Corrosion-resistant 316 stainless steel wet-end components ensure maximum durability in ultra-pure water.
- High-strength connecting rods and plunger rods provide continuous-duty performance, even at low RPMs.
- Exclusive internal oil porting system keeps crossheads lubricated to reduce wear during extended runtimes.
- Precision 316 stainless steel valve assemblies ensure accurate seating, minimal pressure loss, and dependable operation.
- Proven wet seal design cools and lubricates seals for extended life with deionized water and other low-lubricity fluids.

#### Typical Applications

- Turbine inlet fogging
- High-purity misting
- Data center climate control
- Greenhouse misting
- Dust suppression

## XD-Series Specifications

MODEL	MATERIAL	FLOW	MAX PRESSURE	RPM	INLET PRESSURE RANGE	MAX LIQUID TEMP	INLET PORTS (2)	DISCHARGE PORTS (2)
1061XD	316 SS	10 gpm   38 lpm	2200 psi   152 bar	958	-5 to 60 psi   -0.35 to 4.1 bar	160° F   70° C	¾" NPT(F)	½" NPT(F)
1061XD (Alternate)	316 SS	12.3 gpm   46.6 lpm	1800 psi   124 bar	1180	20 to 60 psi   1.4 to 4.1 bar	100° F   38° C		
3621XD	316 SS	25 gpm   94.6 lpm	2000 psi   138 bar	870	Flooded to 70 psi   4.8 bar	140° F   60° C	1½" NPT(F)	1" NPT(F)
3631XD	316 SS	36 gpm   136 lpm	1200 psi   83 bar	800				
3641XD	316 SS	45 gpm   170 lpm	1000 psi   69 bar	765				

### Popular 15-Frame XD-Series Accessories



**Pressure Regulator**  
PN 7021  
2.5 – 25 gpm  
1500 – 3000 psi



**Pop-Off Valve**  
PN 9941  
0 – 25 gpm  
1000 – 4000 psi



**Pressure Gauge**  
PN 6097  
0 – 3000 psi



**Pulsation Dampener**  
PN 6031  
Up to 15 gpm  
0 – 2400 psi  
NBR Diaphragm



**Crankcase Oil**  
PN 6107  
21 oz. Bottle  
Specially-Formulated  
for Extended Protection

### Popular 36-Frame XD-Series Accessories



**Pressure Regulator**  
PN 7376  
10 – 75 gpm  
500 – 2000 psi



**Pop-Off Valve**  
PN 9952  
0 – 50 gpm  
500 – 2000 psi



**Pressure Gauge**  
PN 6097  
0 – 3000 psi



**Pulsation Dampener**  
PN 6016  
Up to 40 gpm  
0 – 2000 psi



**Crankcase Oil**  
PN 6102  
2.5 Gallon Jug  
Specially-Formulated  
for Extended Protection

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



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