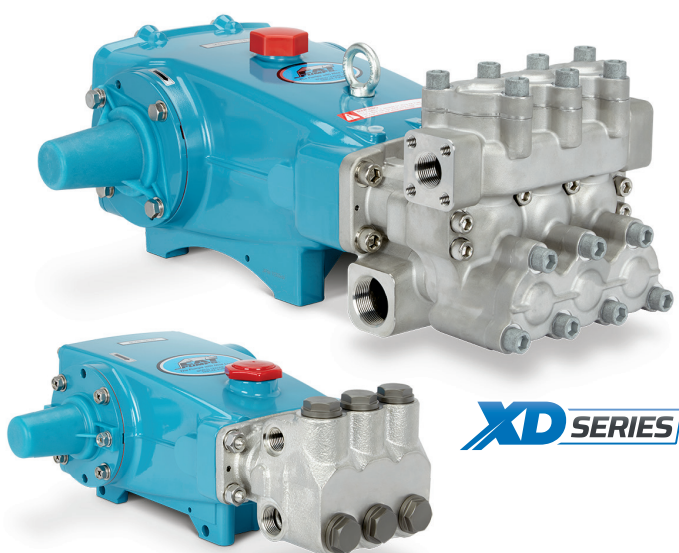


# XD-SERIES PLUNGER PUMPS



38–170 lpm | Up to 152 bar

## 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 minimising 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 deionised (DI) 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 centres, 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 DI water and other low-lubricity fluids.

### Typical Applications

- Turbine inlet fogging
- High-purity misting
- Data centre 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	38 lpm	152 bar	958	-0.35 to 4.1 bar	70° C   160° F	¾" NPT(F)	½" NPT(F)
1061XD (Alternate)	316 SS	46.6 lpm	124 bar	1180	1.4 to 4.1 bar	38° C   100° F		
3621XD	316 SS	94.6 lpm	138 bar	870	Flooded to 4.8 bar	60° C   140° F	1½" NPT(F)	1" NPT(F)
3631XD	316 SS	136 lpm	83 bar	800				
3641XD	316 SS	170 lpm	69 bar	765				

### Popular 15-Frame XD-Series Accessories



**Pressure Regulator**  
PN 7021  
9.4 – 94.6 lpm  
103 – 207 bar



**Pop-Off Valve**  
PN 9941  
0 – 94.6 lpm  
69 – 276 bar



**Pressure Gauge**  
PN 6097  
0 – 207 bar



**Pulsation Dampener**  
PN 1621SS180  
Up to 45 lpm  
0 – 165 bar



**Crankcase Oil**  
PN 6132  
1 Litre Bottle  
Specially-Formulated  
for Extended Protection

### Popular 36-Frame XD-Series Accessories



**Pressure Regulator**  
PN 7376  
38 – 285 lpm  
35 – 138 bar



**Pop-Off Valve**  
PN 9952  
0 – 189 lpm  
35 – 138 bar



**Pressure Gauge**  
PN 6097  
0 – 207 bar



**Pulsation Dampener**  
PN 7210SS  
Up to 150 lpm  
0 – 140 bar



**Crankcase Oil**  
PN 6133  
4 Litres  
Specially-Formulated  
for Extended Protection

Contact Cat Pumps for more information at [sales@catpumps.co.uk](mailto:sales@catpumps.co.uk) or +44 (0)1252 622031.



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