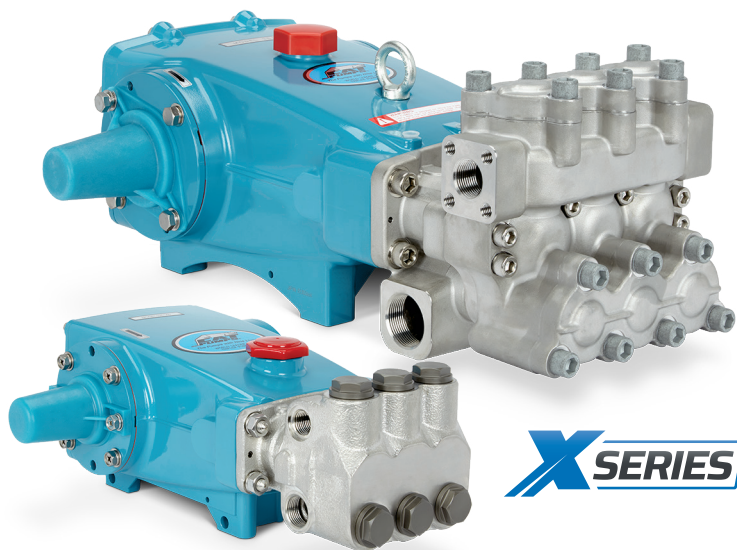


X-SERIES PLUNGER PUMPS



XSERIES



10-45 GPM | Up to 2,200 PSI

Extended Service Life for Demanding SWRO Applications

Cat Pumps X-Series plunger pumps are designed to outperform in the most demanding seawater reverse osmosis environments. From high-salinity intake to long daily runtimes, X-Series models deliver the durability operators need and the uptime their systems depend on.

At the heart of every X-Series model is Cat Pumps' most advanced seal technology, engineered to extend seal life up to three times longer than standard designs. This means fewer shutdowns, reduced maintenance and greater system reliability over time.

X-Series models are purpose-built for corrosive, scale-prone conditions where competing pump designs struggle. These pumps provide lasting performance, trusted support and true long-term value, whether installed on a remote desalination skid, an offshore platform or an industrial RO system.

When uptime matters and failure isn't an option, X-Series delivers. Backed by Cat Pumps' global support network, these pumps are built to keep systems running — day after day, year after year.

Features

- X-Series high-pressure packings reduce friction and heat, delivering up to 3-times longer seal life.
- 316 or duplex stainless steel wet-end components provide long-term corrosion resistance in harsh saltwater.
- High-strength connecting rods and plunger rods ensure dependable performance in continuous-duty RO systems.
- Exclusive internal oil porting system keeps crossheads lubricated to reduce wear during extended runtimes.
- Precision 316 or duplex stainless valves offer consistent sealing and corrosion resistance for SWRO duty.
- Proven wet-seal design cools and lubricates seals from the inside—ideal for salt-laden, scaling-prone feedwater.

Typical Applications

- Salt and Brackish Water
- Desalination (SWRO)
- Leachate Treatment
- Industrial Wastewater Treatment and Reclamation
- Water Treatment

X-Series Specifications

MODEL	MATERIAL	FLOW	MAX PRESSURE	RPM	INLET PRESSURE RANGE	MAX LIQUID TEMP	INLET PORTS (2)	DISCHARGE PORTS (2)
1061X	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)
1061X (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		
3621X	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)
3622X	Duplex SS							
3631X	316 SS	36 gpm 136 lpm	1200 psi 83 bar	800				
3632X	Duplex SS							
3641X	316 SS	45 gpm 170 lpm	1000 psi 69 bar	765				
3642X	Duplex SS							

Popular 15-Frame X-Series Accessories



Pressure Regulator
PN 7011
1 – 10 gpm
100 – 1000 psi



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



Pressure Gauge
PN 6085
0 – 1500 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 X-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 6085
0 – 1500 psi



Pulsation Dampener
PN 6015
Up to 70 gpm
0 – 1500 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 or (763) 780-5440



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