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**Products for Oil & Gas, Petrochemical and Chemical Industries** 



### **Products for Oil & Gas, Petrochemical and Chemical Industries**

Fluids and gases in the Oil & Gas industry are often a combination of hot, corrosive, toxic, flammable or volatile substances. The following products solve these demanding applications utilizing innovative technology and are produced by world-class manufacturers.

DXP-Natpro is Canada's largest independent distributor of pumps, blowers and compressors with over 180 employees working in eight facilities from Vancouver to Halifax.

Acquired by DXP Enterprises company in 2013, Natpro (National Process Equipment) is part of the world's largest pump, blower and compressor distribution company.

We believe the depth of our company and more than 40 years of experience provides us the unique abilities to solve your most challenging applications.

Whether the scope is a simple pump / blower / compressor or a complex packaged system application, we can design, build, provide quality control and commissioning assistance on your next project. From start-up through the entire life cycle of your equipment, you can count on comprehensive 24/7 support from our parts department and our shop/field service teams.

Give us a call today!

Product	Flows to	Heads to	Comments		
Centrifugal Process Pumps – API 610, ANSI & Medium Duty					
<b>Sundyne, Pumpworks 610</b> centrifugal API process pumps (OH2, OH3, OH4, OH5, BB1, BB2, BB3, VS1, VS2, VS6)	16,000 GPM (3,600 m³/hr)	7,100 ft (2,160 m)	Horizontal single and multi-stage, vertical inline, and vertical multi-stage sump and canned pumps for all services.		
<b>Sundyne</b> integrally geared API-610 process pumps, type OH-6	1,000 GPM (227 m³/hr)	15,000 ft (4,570 m)	Specialists in low flow, high head and working pressure, low NPSH.		
<b>PumpWorks Industrial</b> ANSI B73.1 horizontal and vertical in-line process pumps	6,500 GPM (1,476 m³/hr)	800 ft (244 m)	Large Canadian inventory for immediate shipment.		
Sunflo centrifugal process pumps	600 GPM (36 m³/hr)	5,500 ft (1,676 m)	Low NPSH, low flow, high heads and working pressures.		
Dean heat transfer pumps - high temperature designs	3,100 GPM (704 m³/hr)	800 ft (244 m)	To 850°F (454°C), 600°F (315°C) with no cooling.		
Wernert armoured plastic process pumps	13,200 GPM (3,000 m³/hr)	400 ft (122 m)	Corrosion and abrasion resistance, for high chloride, acid and other services.		
Sealless Process Pumps					
<b>Sundyne HMD/Kontro</b> metallic API-685 and ANSI pumps. <b>Sundyne ANSIMAG</b> non-metallic lined ANSI pumps	5,000 GPM (1,136 m³/hr)	700 ft (213 m)	Offered in alloys and non-metallic materials. API, ANSI, self-priming and high-pressure designs.		
Blackmer mag drive rotary vane pumps	335 GPM (76 m³/hr)	150 psi (1,033 kPa)	Dry run capability - ideal for self-priming/line stripping.		
Milton Roy reciprocating/diaphragm process pumps	16,000 GPH (60 m³/hr)	20,000 psi 137,000 kPa)	Sealless plunger process pumps.		
Reciprocating Pumps					
FMC piston and plunger pumps	585 GPM (133 m³/hr)	10,000 psi (68,910 kPa)	In all metallurgies for amine, glycol and produced water disposal. API versions also.		
<b>Chemical Injection &amp; Metering Pumps</b>					
<b>Milton Roy</b> and <b>Williams</b> metering pumps and chemical feed systems	16,000 GPH (60 m³/hr)	20,000 psi 137,000 kPa)	Complete chemical injection and blending systems available with controls, piping, tanks, etc.		
<b>Progressing Cavity Pumps</b>					
NOV progressing cavity pumps	1,025 GPM (233 m³/hr)	1,500 psi (10,300 kPa)	All materials and configurations. Replacement parts for other manufacturers.		
Water, Wastewater & Plant Effluent Pumps					
Pentair Aurora, Layne/Verti-Line, Fairbanks Morse end- suction, split case, vertical turbine and well pumps	700,000 GPM (159,000 m³/hr)	7,000 ft (2,134 m)	Cooling water, water supply, effluent service, heating, sump and transfer, site dewatering and sludge services.		
<b>Pentair Hydromatic</b> submersible and self priming wastewater pumps	15,000 GPM (3,400 m³/hr)	260 ft (79 m)	Sewage, plant effluent, wastewater and river intake.		

#### Packaged Systems

Natpro can package any of our pump, blower or compressor products custom to your needs. We can design, build and assist
you in commissioning a packaged system for your next project, at lower cost and faster completion time than field construction.
Call us for more information today!



# **Products for Oil & Gas, Petrochemical and Chemical Industries**

Product	Flows to	Heads to	Comments	
Produced Water/CO2 Injection Pumps				
<b>Sundyne</b> centrifugal API process pumps, type OH-2/3/5, BB2 and BB3	16,000 GPM (3,600 m³/hr)	7,100 ft (2,160 m)	Horizontal single and multistage pumps for all services.	
FMC piston & plunger pumps	585 GPM (133 m3/hr)	10,000 psi (68,910 kPa)	Standard & API designs	
DXP HP-Plus horizontal multi-stage pumps	930 GPM (211 m³/hr)	4,000 ft (1,219 m)	Quick delivery, corrosion and abrasion-resistant materials.	
Process Gas Compressors, Blowers and Vacuum Pumps				
Sundyne centrifugal gas compressors	10,000 CFM (282 m³/min)	to 55:1 ratio	High suction and working pressure capability, ideal for recycle, vapor recovery and regeneration.	
Nash*, Garo* liquid ring vacuum pumps and compressors, process and vapour recovery including API 681	23,000 CFM (39,000 m³/hr)	150 psi (1,034 kPa)	Turnkey packages for process vacuum and compression.	
Elmo Rietschle* vane, screw, regenerative, claw and liquid ring pumps	850 CFM (144 m³/hr)	29 psi (200 kPa)	Broad variety of technologies for general vacuum and blower applications.	
Hoffman Lamson* centrifugal blowers, exhausters and engineered vacuum systems	41,000 CFM (70,000 m³/hr)	23 psi (158 kPa)	Turnkey packages for process vacuum and compression.	
Blackmer & Quincy* reciprocating gas compressors	120 CFM (3.4 m³/min)	600 psi (4,135 kPa)	Rugged lubricated and non-lubricated designs, ideal for booster/vapor recovery services.	
Sundyne/PPI diaphragm compressors	400 CFM (680 m³/hr)	30,000 psi (206,000 kPa)	Specialty gas handling with oil-free designs, where leakage or contamination is unacceptable.	
Air Compressors, Blowers and Vacuum Pumps				
<b>Quincy*</b> air compressors, vacuum pumps and instrument air packages – no Aerzen	1,500 CFM (43 m³/min)	500 psi (3,450 kPa)	Reciprocating and rotary screw with lubricated and oil-free designs.	
Nash*, Garo* liquid ring vacuum pumps and compressors, process and vapour recovery including API 681	23,000 CFM (39,000 m³/hr)	150 psi (1,034 kPa)	Turnkey packages for process vacuum and compression.	
Elmo Rietschle* vane, screw, regenerative, claw and liquid ring pumps	850 CFM (144 m³/hr)	29 psi (200 kPa)	Broad variety of technologies for general vacuum and blower applications.	
<b>Hoffman Lamson*</b> centrifugal blowers, exhausters and engineered vacuum systems	41,000 CFM (70,000 m³/hr)	23 psi (158 kPa)	Turnkey packages for process vacuum and compression.	
Parker*, Zeks compressed air and gas filtration, drying systems and oil/water separators	as required	as required	Advanced technology, energy saving systems.	
Fire Water Pumps Pentair Aurora, Layne/Verti-Line, Fairbanks Morse horizontal and vertical turbine fire pumps and packaged systems	7,500 GPM (1,703 m³/hr)	580 ft (175 m)	UL / ULC / FM approved horizontal and vertical, electric and diesel drive c/w all accessories, piping, instrumentation and controls.	
Pipeline, Product Loading & Transfer Pumps				
PumpWorks 610 and Sundyne single and multistage centrifugal pumps	16,000 (3,600 m³/hr)	7,100 ft (2,160 m)	Axially split API horizontal single and multistage pumps. Vertical Turbine VS1 & 2 multistage pumps. New or re-manufactured pumps available for fast delivery.	
Leistritz twin and three rotor screw pumps	10,000 GPM (2,270 m³/hr)	2,275 psi (15,700 kPa)	For crude oil, fuel oil, viscous and multi-phase liquids.	
Blackmer rotary vane positive displacement pumps	2,300 GPM (525 m³/hr)	200 psi (1,400 kPa)	Excellent for low or high viscosity, self-priming.	
FMC plunger & piston pumps	585 GPM (133 m³/hr)	10,000 psi (68,910 kPa)	Standard and API design, all materials, motor or engine drive.	
Sundyne integrally-geared centrifugal pumps	1,000 GPM (227 m³/hr)	15,000 ft (4,570 m)	Ideal for lighter hydrocarbons.	
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## **Emergency Response**

Engine or electric drive, self-priming centrifugal or rotary pumps—basic or fully packaged for spill clean up or liquid transfer.

## Service & Repair

Natpro services include system engineering analysis, field and shop repair or modifications to any make of existing pump, blower or compressor equipment.

<sup>\*</sup>Representation excludes some provinces, please contact your local representative.