

# TECHNICAL SPECIFICATIONS

## Max Pressure

Metallic: 1000 psi (70 bar)  
 Non-Metallic: 250 psi (17 bar)  
 Slurry Duty (SD): 300 psi (21 bar)

## Capacity @ Max Pressure

	rpm	gpm	l/min
D/G-10-X	1450	7.8	29.0
D/G-10-E	1750	8.0	30.3
D/G-10-S	1750	6.0	22.7
D/G-10-I	1750	3.9	14.9

## Delivery @ Max Pressure

	Revs/gal	revs/liter
D/G-10-X	185	50
D/G-10-E	219	58
D/G-10-S	292	77
D/G-10-I	448	117

## Max Inlet Pressure

Metallic: 250 psi (17 bar)  
 Non-Metallic: 50 psi (3.5 bar)  
 Slurry Duty: 50 psi (3.5 bar)

## Max Temperature

Metallic: 250°F (121°C)-consult factory for temps  
 above 160°F (71°C)  
 Non-Metallic: Polypropylene: 120°F (49°C)  
 Kynar, Celcon & Slurry Duty: 140°F

**Inlet Port** D-10: 1-inch NPT  
 G-10: 1 inch BSPT

**Discharge Port** D-10: 3/4 inch NPT  
 G-10: 3/4 inch BSPT

**Shaft Diameter** 7/8 inch (22.22 mm)

**Shaft Rotation** Bidirectional

**Bearings** Tapered roller

**Oil Capacity** 1.1 US quarts (1.05 liters)

**Weight** Metallic Heads: 48 lbs (22 kg)  
 Non-Metallic Heads: 35 lbs (16 kg)

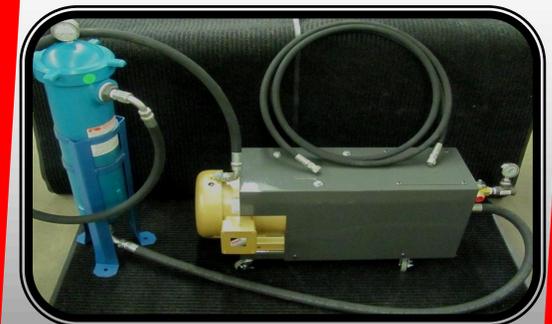
8210 State Hwy 29 N  
 Alexandria, MN 56308

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# HIGH- PRESSURE COOLANT PUMP

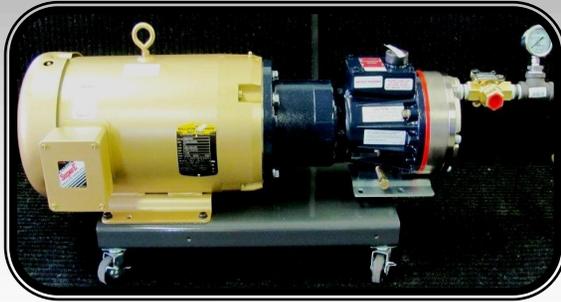


[www.alexprofab.com](http://www.alexprofab.com)

Phone: 320-852-7918

# HIGH-PRESSURE COOLANT PUMP

Extend the use of tools and increase productivity in CNC machines with the use of this high-pressure coolant pump.



The effectiveness of coolant is gained when it is able to lubricate and cool the cutting area, providing you with better control of chips that are broken up correctly thereby avoiding the re-cutting of chips.

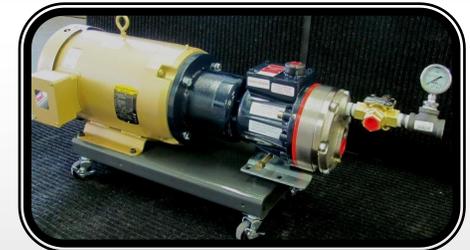
## **BENEFITS TO HIGH-PRESSURE COOLING:**

- Extend tool life
- More manageable chips
- Avoid chip re-cutting
- Higher productivity
- Increase part quality

When coolant is delivered at high pressure, it prevents the coolant from evaporating before it reaches the cutting zone.



The lubricant and coolant are delivered to the tip of the tool to reduce heat and tool wear. When tools are well-lubricated and kept cool there is an increase in the quality of parts produced as well as smoother finishes to the parts. In addition, productivity increases with decreased cycle times of parts.



Contact Tom Wilkins  
for more information and pricing:  
320-852-7918 extension 19 or  
[profabtw@alexprofab.com](mailto:profabtw@alexprofab.com)