

Polaris

M A C H I N I N G



WE CAN
ACCEPT YOUR
◀ **CATIA**
FILES

Machining | Assembly | Sheet Metal Fabrication | Special Materials
Aerospace | Military | Medical | Commercial



We supply confidence!

Our goal is to supply confidence. We understand that superior service is the most important product we can provide. So, when you place your order with Polaris, you can do so with confidence because we will go the extra mile for you - no matter the complexity or lead-time.

We want to become the first and last stop for your outsourced manufacturing needs. To this end, Polaris has amassed an array of processes and technologies engineered to allow us to become your one-stop supplier of details and assemblies.

Take advantage of our expertise. Our skilled technicians have years of programming, machining and sheet metal experience. That's why we can say, with confidence, that difficult materials and complex geometries are our specialty.



ISO9001/AS9100 Certified
#48684-2009-AQ-USA-ANAB



ITAR Registered #M24343



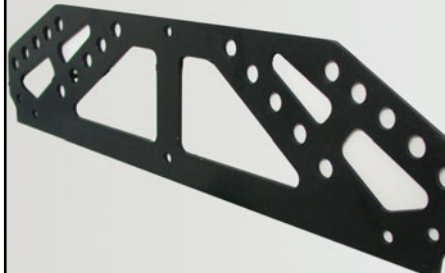
VETERAN OWNED
Small Business

CAGE CODE 1VN50
DUNS NUMBER 116093543



Polaris Machining, 103 Cedar Ave, Marysville WA 98270

360-653-7676 Phone 360-659-4452 Fax www.polarismachining.com



Turnkey Parts – We understand the processes and technologies required to handle your part from material procurement through finishing. In addition to cultivating a can-do culture at Polaris, we nurture relationships up and down the supply chain so that we can provide superior quality and leadtimes.

Machined Details – We offer 50-taper and 4-axis machining capabilities as well as manual and 40-taper CNC milling. So whether your requirement is simple or complex, large lot or small lot, we have the equipment to handle the job properly.

Turned Details – Polaris has a variety of CNC lathes to serve your turning requirements. Our ability to mill and turn parts translates to shorter leadtimes and better control of your parts.

Sheet Metal Details – Look to Polaris for all fabrication needs: large parts, small parts, complex angles, joggle, shrink and stretch. We can fabricate parts up to 10 feet long!

Not Just Aluminum – Sure, we run plenty of aluminum and steel, however, we also have expertise in other materials - such as titanium, inconel, and monel - that many shops simply won't run.

Assemblies – We provide a variety of assembly services. Utilizing Polaris for your assemblies saves you planning and purchasing time and improves manufacturing efficiency.

Kitting – Yes, aside from making a variety of your parts, we can package them to meet your manufacturing requirements. Kitting greatly reduces planning and receiving time, while increasing the efficiency of your manufacturing processes.

CATIA support Our CATIA capability, which includes both machined part and sheet metal design, saves you quoting time, engineering time, and shortens your leadtime. Just give us your CATIA files and we'll do the rest!

Technical Capability Summary

Milling Capabilities

40 taper CNC mills
50 taper CNC mills – Hard metal specialty
4 axis capability
Work envelope to 50" x 120"
Extrusions to 25' long
Through Spindle Coolant

CNC Mills

Quantum, 35HP, 50 taper, 50"x30"x24"
Mori Seki, 30HP, 50 taper, 60"x32"x26"
Mori Seki, 30HP, 50 taper, 40"x20"x24"
Mori Seki, 30HP, 40 taper, 40"x20"x24"
Fadal (2ea), 30HP, 40 taper, 45"x25"x28"
Fadal (3ea), 20HP, 40 taper, 40"x20"x22"

Turning Capabilities

Through spindle diameter to 2.75"
17" Center to center max.
12' Automatic bar feeds

CNC Lathes

Mazak Quickturn 25HP, 2.75" max thru spindle
Mazak Quickturn 20 HP, 2.44" max thru spindle
max swing 17.3", max length 17.75"
Nakamura, 2.00" max thru spindle dia.
Nakamura, 1.625" max thru spindle dia.

Sheet Metal Capabilities

Press brakes to 90 tons
Parts to 10 feet long
Complex bends
Joggle
Shrink/Stretch

Sheet Metal Equipment

Atlantic Hydraulic Shear 10 ft
Chicago 90 ton Brake 12 ft
DiAcro 35 ton Brake 4 ft



No matter whether the parts you need are small or large, simple or complex, get the most reliable service in the Northwest by calling us at **360-653-7676**.

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