

BIOMEDICAL DEVICE



BOTHELL WASHINGTON

MACHINE SHOP SURVEY

Medical Device Capabilities November 2008

Innovation Zone Core Partners



Snohomish County EDC



UNIVERSITY of
WASHINGTON
BOTHELL



Medical Device Surveys

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Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: ABSOLUTE MFG. DIV. OF SENIOR LLC

Address: 6914 204th N.E. Arlington, Wa. 98223

Contact name: Paul Kulle Title: Sales Director

Phone: 360-435-1116 ext. 321 E-mail: sales@absolutemfg.com

Size of facility (sq. ft.): 30,000

Year established: 1997

Total employees: 112

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Metals experience

ABSOLUTE MFG. DIV. OF SENIOR LLC

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: ISO 9002-AS9100

CAD software used: Esprit /solid works

CRM software used: _____

ERP/MRP software used: Vista 6.1

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: ABW TECHNOLOGIES, INC

Address: 6720 191st PL NE, Arlington, WA 98223

Contact name: Aimee M. Dura Title: adura@abwtec.com

Phone: 360-618-4400 E-mail: adura@abwtec.com

Size of facility (sq. ft.): 100,000

Year established: 1907

Total employees: 150

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Metals experience

Medical Device Capabilities Survey, continued

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input checked="" type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: ISO, National Board, ASME VIII, ASME III and NQA-1

CAD software used: SOLIDWORKS, AUTOCAD, CATIA

CRM software used: _____

ERP/MRP software used: Job Boss

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: ACRO MACHINING INC.

Address: 15303 39th AVE NE Marysville, WA 98271 PO BOX 3187 Arlington, WA 98223

Contact name: Danny Edmonds Title: Sales

Phone: 360-653-1492 E-mail: danny@acromachining.com

Size of facility (sq. ft.): 2 buildings 10,920 sqft. each.

Year established: 1975

Total employees: 52

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")		<input type="checkbox"/> yes	<input type="checkbox"/> no		
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input checked="" type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input checked="" type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input checked="" type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: _____

CAD software used: Solidworks 2008

CRM software used: _____

ERP/MRP software used: MAS 90

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: **AERO-PLASTICS, INC.**

Address: 903 Houser Way N., Renton, WA 98057

Contact name: Richard Morris Title: Sales Manager

Phone: 425-226-3400 Ext #40 E-mail: sales@aero-plastics.com

Size of facility (sq. ft.): 22,000+ Sq Ft.(machining & injection molding)

Year established: 1958

Total employees: 40+

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input checked="" type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: ISO 900 000, AS9100

CAD software used: Mainly Solid Works. We can accept many different types of digital formats.

CRM software used: SCS

ERP/MRP software used: SCS

Other comments: We are a quality driven organization practicing lean six sigma methodologies. Our quality and delivery performance measures are close to perfect. With Aero-Plastics you can expect to receive what you want, when you want it.

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: ALPHA PRECISION MACHINING, INC.

Address: 19652 70th Ave S. Kent, WA 98032

Contact name: Dean Conti Title: Owner

Phone: 253-395-7381 E-mail: dean@alphapre.com

Size of facility (sq. ft.): 13,000

Year established: 1988

Total employees: 18

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

ALPHA PRECISION MACHINING, INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input checked="" type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input checked="" type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> -2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: MIL-I-45208A, implementing AS-9100

CAD software used: SolidWords, SartCam and SurfCam

CRM software used: _____

ERP/MRP software used: SCS/ESI

Other comments: Extensive medical equipment manufacturing experience. New 12 pallet flexible manufacturing cell improves response time, decreases lots sizes and lowers costs. Lot sizes from one piece to 10,000+ pieces. Tolerances to +/-0.0001".

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: **B & H, INCORPORATED**

Address: 3260 'B' Street NW, Auburn, Washington 98001

Contact name: Karla Webster Title: Office Manager

Phone: 253-939-3500 E-mail: bhmach@netzero.net

Size of facility (sq. ft.): 3500

Year established: 1974

Total employees: 6

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

B & H, INCORPORATED

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input checked="" type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input checked="" type="checkbox"/> -2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: Compliant to ISO9000:2000 and AS9100, through Boeing B6-82479, Appendix A

CAD software used: CAMMAND, Master Cam

CRM software used: _____

ERP/MRP software used: _____

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: BAKER MFG INC

Address: 11121 Valley Ave E

Contact name: Tony Baker Title: President

Phone: 253-840-8610 E-mail: tony@bakermfginc.com

Size of facility (sq. ft.): 4500

Year established: 1970

Total employees: 12

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type

Quantity

3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+

Calibration System yes no

Production Management System yes no

BAKER MFG INC

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+

Formal procedures to protect
proprietary information (IP) yes no

Regulatory certifications: Yes

CAD software used: Solidworks, Verisurf, PC-Dmis

CRM software used: Mastercam

software used: Excel

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: BMG INDUSTRIES

Address: 19111 61st AVE NE #2 ARLINGTON WA, 98223

Contact name: Mike Berg Title: Owner

Phone: 360-435-3928 E-mail: bmgmachine@verizon.net

Size of facility (sq. ft.): 4,800

Year established: 1993

Total employees: 5

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

BMG INDUSTRIES

Metals experience

Carbon steel yes no

Stainless yes no

Aluminum yes no

Titanium yes no

Material Traceability yes no

Routine use of tight tolerances (+/- 0.005") yes no

Prototyping capability yes no

Lead time (weeks) 0-1 1-2 2-3 3-4 4+

Production lead time (weeks) 0-2 2-4 4-6 6-8 8+

Production run quantities (pieces) 1-10 11-25 26-50 50-100 100+

Optical Inspection yes no

Digital Inspection yes no

Journeyman Machinists 1-2 3-4 5-6 7-8 9+

Machine Operators -2 3-4 5-6 7-8 9+

Engineers 1-2 3-4 5-6 7-8 9+

Designers 1-2 3-4 5-6 7-8 9+

QA Personnel 1-2 3-4 5-6 7-8 9+

Formal procedures to protect
proprietary information (IP) yes no

Regulatory certifications: COMPLIANT TO AS9100

CAD software used: _____

CRM software used: MASTER CAM 10

ERP/MRP software used: none

Other comments: I HAVE BEEN MACHINING AIRCRAFT PARTS FOR 42 YR'S , I WILL RUN ANY QTY OF PARTS , I USE A BROWN AND SHARPE MANUAL CMM FOR INSPECTION

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: DAMAR MACHINE CO.

Address: 14767 172nd dr se, Monroe, wa 98272

Contact name: Dan Millar Title: Sales & Marketing Manager

Phone: 360.794.4448 E-mail: dmillar@damarmachine.com

Size of facility (sq. ft.): 60,000

Year established: 1973

Total employees: 150

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
5-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

DAMAR MACHINE CO.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input checked="" type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Regulatory certifications:	_____				
CAD software used:	UG _____				
CRM software used:	_____				
ERP/MRP software used:	Vantage _____				
Other comments:	_____				

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: H & H

Address: 22824 85th Place West

Contact name: Darren Hutchinson Title: MFG Manager

Phone: 425-776-1994 / 425-778-0809 E-mail: darren_hutchinson@hotmail.com

Size of facility (sq. ft.): Approximatley 1600

Year established: 1976

Total employees: 4-5

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

H & H MACHINE

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input checked="" type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: _____

CAD software used: MasterCam

CRM software used: _____

ERP/MRP software used: _____

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: **HOBART MACHINED PRODUCTS, INC.**

Address: 3110 Airport Rd. Bay #1 & 2, Ellensburg, WA. 98926

Contact name: Larry Brester Title: Electrical Engineer

Phone: 509-925-3838 E-mail: larry@hobartmachined.com

Size of facility (sq. ft.): 7,500

Year established: 1978

Total employees: 10

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

HOBART MACHINED PRODUCTS, INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input checked="" type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input checked="" type="checkbox"/> -2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: ISO9001 - ISO9000

CAD software used: MASTERCAM

CRM software used: N/A

ERP/MRP software used: N/A

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: **KING MACHINE, INC.**

Address: 11710 Cyrus Way, Mukilteo, WA 98275

Contact name: Greg Browne Title: Sales & Purchasing

Phone: 425-743-5464 E-mail: gbrowne@kingmachineinc.com

Size of facility (sq. ft.): 24,000 sq. ft.

Year established: 1982

Total employees: 25 employees currently

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

KING MACHINE, INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input checked="" type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input checked="" type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			

Regulatory certifications: Third Party Registered to ISO9001:2000 & AS9100

CAD software used: Cadkey 99 Rev. 1.0 & Smart Cam Rev. 11.5

CRM software used: _____

ERP/MRP software used: Currently evaluating source selec

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: LUKAS MACHINE, INC.

Address: 707 SOUTH RIVERSIDE DRIVE, SEATTLE, WA. 98108

Contact name: KRISTIE LEGORE Title: PROGRAM MANAGER

Phone: 206-763-9282 E-mail: kristie@lukas1.com

Size of facility (sq. ft.): 32000 sq feet

Year established: 1968

Total employees: 48

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
5-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

LUKAS MACHINE, INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> -2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: _____

CAD software used: MASTERCAM WITH FILE CONVERSION OPTION

CRM software used: _____

ERP/MRP software used: FLEXGEN

Other comments: ISO 9001 & AS9100 CERIFIED & REGISTERED

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: MARKETECH INTERNATIONAL

Address: 107 LOUISA PORT TOWNSEND, WA 98318

Contact name: BILL JURAN Title: VP

Phone: 360-379-6707 E-mail: BILL@MKT-INTL.COM

Size of facility (sq. ft.): 8,000 +

Year established: 1988

Total employees: 15

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type

Quantity

3-axis CNC Mills 1-2 3-4 5-6 7-8 9+

5-axis CNC Mills 1-2 3-4 5-6 7-8 9+

6-axis CNC Mills 1-2 3-4 5-6 7-8 9+

Manual Mills 1-2 3-4 5-6 7-8 9+

CNC Lathe 1-2 3-4 5-6 7-8 9+

Lathe 1-2 3-4 5-6 7-8 9+

Sheet metal processing 1-2 3-4 5-6 7-8 9+

Lasers 1-2 3-4 5-6 7-8 9+

Calibration System yes no

Production Management System yes no

MARKETECH INTERNATIONAL

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input checked="" type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> -2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: _____

CAD software used: AUTOCAD GIBBS

CRM software used: ACCESS

ERP/MRP software used: EL

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: **METAL MOTION**

Address: 19003 59th DR NE Arlington Wa 98223

Contact name: Terry Bennett Title: Sales Manager

Phone: W 360-403-7330 C 206-498-9610 E-mail: tbennett@metalmotion.com

Size of facility (sq. ft.): 24,000 Sq Ft

Year established: 1986

Total employees: 33

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

METAL MOTION

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Regulatory certifications:	AS9100				
CAD software used:	NCL/Solidworks				
CRM software used:					
ERP/MRP software used:	Jobboss				
Other comments:					

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: **POLARIS MACHINING**

Address: 103 CEDAR AVE

Contact name: MIKE BONTATIBUS Title: PRESIDENT

Phone: 360 653 7676 X107 E-mail: mikeb@polarismachining.com

Size of facility (sq. ft.): 10,000

Year established: 1990

Total employees: 30

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

POLARIS MACHINING

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input checked="" type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: AS9100/ISO9000

CAD software used: CATIA, AUTOCAD, VIRTUAL GIBBS, MASTERCAM, SMARTCAM, SOLIDWORKS

CRM software used: _____

ERP/MRP software used: E2 SHOP SYSTEMS

Other comments: WWW.POLARISMACHINING.COM, PRODUCTION RUN QTY CAN VARY FROM 1 TO HUNDREDS

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: QUAL-FAB, INC.

Address: 1705 S. 93rd ST Unit F-11, Seattle, WA 98108

Contact name: John Williams Title: President

Phon206.762.2117 E-mail: johnw@qual-fab.com

Size of facility (sq. ft.): 35,000

Year established: 1977

Total employees: 40

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Lasers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

QUAL-FAB, INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input checked="" type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input checked="" type="checkbox"/> 100+
Optical Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Digital Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Regulatory certifications:	ISO 9001:2008				
CAD software used:	SolidWorks				
CRM software used:	Global Shop Solutions				
ERP/MRP software used:	Global Shop Solutions				
Other comments:					

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: SYNERGY MACHINE INC.

Address: 19621 70th Ave So. Suite K

Contact name: Eric Schneider Title: President

Phone: 253-872-8869 E-mail: synergymachine@msn.com

Size of facility (sq. ft.): 9,000

Year established: 1990

Total employees: 8

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

SYNERGY MACHINE INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input checked="" type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Engineers	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no			

Regulatory certifications: _____

CAD software used: Solidworks

CRM software used: _____

ERP/MRP software used: _____

Other comments: Synergy Machine Inc. has been primarily an aerospace job shop. With the recent purchase of "Ultra Precision" 5 axis machining center we will be exploring markets outside of aerospace. Certainly the medical industry is one of these markets. We are very interested in receiving more information.

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: UMBRA CUSCINETTI, INC

Address: 2916 100th St. SW Everett, WA 98204

Contact name: Tracy Beeman Title: Sales & Customer Service Manager

Phone: 425-743-2577 X122 E-mail: tbeeman@umbrausa.com

Size of facility (sq. ft.): 38,000 SQ FT

Year established: 19979

Total employees: 86

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity					
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
5-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
Manual Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
CNC Lathe	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input checked="" type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+	
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no				
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no				

UMBRA CUSCINETTI, INC

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input type="checkbox"/> 3-4	<input checked="" type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input type="checkbox"/> 6-8	<input checked="" type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input checked="" type="checkbox"/> 26-50	<input type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

Regulatory certifications: UCI QUALITY MANAGEMENT SYSTEM AS9100 Rev B / ISO 9001:2000 (attached)

CAD software used: Solid Works

CRM software used: Have capabilities but do not use at the time being

ERP/MRP software used: Axapta

Other comments: _____

Innovation Zone Core Partners





Medical Device Capabilities Survey

Return completed survey to: Economic Development Council of Snohomish County
 Ryan Crowther, rcrowther@snoedc.org phone: 425-248-4221

GENERAL INFORMATION

Firm name: WESTWOOD PRECISION INC.

Address: 7509 Hardeson Rd. Everett, WA 98203

Contact name: Mark Lawson Title: Sales Manager

Phone: 425-742-7011 x22 E-mail: Mark.Lawson@WestwoodPrecision.com

Size of facility (sq. ft.): 15,000

Year established: 1982

Total employees: 40

Experience with medical devices yes no

What percent of your current work is in medical devices?

zero 1-9 10-19 20-29 30-39 40+

MANUFACTURING INFORMATION

Equipment type	Quantity				
3-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input checked="" type="checkbox"/> 7-8	<input type="checkbox"/> 9+
5-axis CNC Mills	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
6-axis CNC Mills	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Manual Mills	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
CNC Lathe	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lathe	<input checked="" type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Sheet metal processing	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Lasers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Calibration System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Production Management System	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			

WESTWOOD PRECISION INC.

Metals experience

Carbon steel	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Stainless	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Aluminum	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Titanium	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Material Traceability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Routine use of tight tolerances (+/- 0.005")	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Prototyping capability	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Lead time (weeks)	<input type="checkbox"/> 0-1	<input type="checkbox"/> 1-2	<input type="checkbox"/> 2-3	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 4+
Production lead time (weeks)	<input type="checkbox"/> 0-2	<input type="checkbox"/> 2-4	<input type="checkbox"/> 4-6	<input checked="" type="checkbox"/> 6-8	<input type="checkbox"/> 8+
Production run quantities (pieces)	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-25	<input type="checkbox"/> 26-50	<input checked="" type="checkbox"/> 50-100	<input type="checkbox"/> 100+
Optical Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Digital Inspection	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Journeyman Machinists	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Machine Operators	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input checked="" type="checkbox"/> 9+
Engineers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Designers	<input type="checkbox"/> 1-2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
QA Personnel	<input type="checkbox"/> 1-2	<input checked="" type="checkbox"/> 3-4	<input type="checkbox"/> 5-6	<input type="checkbox"/> 7-8	<input type="checkbox"/> 9+
Formal procedures to protect proprietary information (IP)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no			
Regulatory certifications:	ISO 9001:2000 AS9100 Rev. B 2004				
CAD software used:	Solidworks				
CRM software used:	Master Cam				
ERP/MRP software used:	Vantage				
Other comments:					

Innovation Zone Core Partners

