



"Your Source For High Precision Components"

80 Massirio Drive, Berlin, CT 06037

P: 860-828-4056

F: 860-828-4039

www.richardscnc.com

Woman Owned Minority Business Enterprise AS9100 Registered

Capability Listing:

Expertise in:

- CNC Turning
- CNC Milling
- Rapid Proto-typing
- Finish to Blue-Print,
- Design For Process
- Sub-Assembly
- Shortened Time-To-Production and Time-To-Market Cycles

Approvals:

- Accredited Woman Owned Minority Business
- ISO 9001:2008

- AS9100:2004 Rev. C
- U.S. Govt. Export Controlled Document Approval
- Canadian Govt. Export Controlled Document Approval
- Rolls Royce Approved Turning Vendor
- Timken Aero Transmissions Approved Tier 1 Vendor
- Six Sigma Certified
- Lean Enterprise Accreditation, (Central Conn. State University)

Software:

- DSS SolidWorks 2009 S.P. 2
- SolidCam V. 2011 (3D and i-machining)
- PCDMIS V. 4.2
- ADMAC Turning w/ IGF Live Feed
- QuickBooks Accounting
- RM Parts/Jobs Tracking System
- Microsoft Office 2010/Windows 7

CNC Turning Centers:

- (1) Nakamura-Tome
Fanuc Control (Network Communicable)

Chuck Size: 16"

Maximum Turning Diameter: 20"

Maximum Turning Length: 33"

Turret with 12 Stations

Tailstock

- (1) Okuma-Howa Act 4
Fanuc Series 15-T w/ FAPT Software (Network Communicable)

Chuck Size: 15"

Maximum Turning Diameter: 18"

Maximum Turning Length: 20"

Turret with 12 Stations

Tailstock

- (2) Hyundai SKT-300
Fanuc Series Oi-Tc (Network Communicable)

Chuck Size: 12"

Maximum Turning Diameter: 22"

Maximum Turning Length: 30"

Turret with 12 Stations

Programmable Tailstock

- (2) Okuma Captain L-370
THINC Control, Window XP w/ IGF CAM Software (Network Communicable)

Chuck Size: 12"

Maximum Turning Diameter: 15"

Maximum Turning Length: 20"

Turret with 12 Stations

Programmable Tailstock

CNC Milling Centers

- (1) Chevalier 3060VMC
Fanuc Series 18M Control (Network Communicable)

X-Axis 60"

Y-Axis 31.5"

Z-Axis 30"

Table Size 67" X 30"

20 Tool Magazine (CT-50)

16" Rotary Table

16 Horsepower/4,000 RPM

- (1) Matsuura 800-V
Yasnac Control (Network Communicable)

X-Axis 32"

Y-Axis 20"

Z-Axis 18"

30 Tool Magazine

12" Rotary Table

- (1) Matsuura 1000-V

Yasnac Control (Network communicable)

X-Axis 32"

Y-Axis 20"

Z-Axis 18"

30 Tool Magazine

- (2) Matsuura 760-V
Yasnac Control (Network Communicable)

X-Axis 30"

Y-Axis 16"

Z-Axis 18"

30 Tool Magazine

- (1) Hitachi Seiki VK45
X-Axis 44"

Y-Axis 20"

Z-Axis 19"

30 Tool Magazine

- (1) Okuma-Howa Mill 5VC
X-Axis 40"

Y-Axis 22"

Z-Axis 20"

20 Tool Magazine

- (1) Okuma Genos M560V

X-axis 42"

Y-axis 22"

- Z- axis 19"
- 32 tool magazine
- 12,000 RPM, coolant thru spindle (1000 psi)
- 3D milling and i-machining capable

Misc. Equipment Capability Listing:

Grinding Centers

- (1) Kent ID-OD Grinder 10" X 24"
- (1) Kent Surface Grinder 6" X 18"
- (1) Blanchard Grinder 42" X 40"
- (1) Sunnen Hone 6"

Turning

- (1) TUR 50 Engine Lathe w/ Taper Attachment and Steady Rests 21" X 60"
- (1) Super Precision Hardinge Chuckers Model HC 6"

Milling

- (2) Bridgeport Millers w/ Risers and Digital Readout 42" Table

Saws

- (1) Do All Vertical Production Saw
- (1) Do All Horizontal Production Saw with automatic feed

Quality Control Equipment:

(1) Brown & Sharpe MicroXcel PFX CMM

Renishaw PH10T Probe Head

Renishaw PHC10 Controller

Microsoft Windows XP, Adobe, Office 2009

PCDMIS Operating Software

CAD++ Operating Software

X- Axis 22"

Y-Axis 30"

Z-Axis 17"

(1) Mitutoyo Optical Comparator

(1) Misawa Seiki Hardness Tester

(1) Brown & Sharpe Micro-Hite Digital 20"

(2) Degit-Hite 18" Stands

***Full Spectrum of Misc. Manual Inspection Equipment

***Automatic Calibration Recall Software Program utilized to maintain calibration system integrity and accuracy