

Company Profile

Robert's Manufacturing was established in 1953. Today, Robert's Manufacturing employs approximately 55 skilled men and women and operates a state-of-the-art manufacturing facility in Oakwood, Ohio. Through our commitment to quality and customer service, Robert's Manufacturing has developed and maintained a loyal and invaluable customer base.

RMCI offers service in the following metal cutting areas: turning, horizontal and vertical machining, centerless grinding, rotary and surface grinding, lapping and honing.

To support our versatile machining capabilities, RMCI employs a professional and experienced staff with a wealth of industry knowledge, dedicated to providing the best service to our customers. As a company, we are currently implementing new processes to excel in an ever-changing technological world.

The principle business activities of Robert's Manufacturing include:

- Manufacturing (Machining)
- Assembly
- Nation wide shipping and customer service

Mission Statement

RMCI's mission is to provide our customers with the finest precision machined components that meet all of their requirements.

Inspection Capabilities:

Major and Miscellaneous Equipment:

- (1) 2001 Mitutoyo Bright Apex A-707 CMM
- (1) 1987 Sheffield Cordax 1808 w/ Brown & Sharpe retrofit
- (2) 1992 & 2001 Micro-Vu video measurement system
- (1) 1992 Federal FormScan inspection center
- (1) 1998 Van Keuren light box
- (1) 2001 Pratt & Whitney LabMaster gage calibration machine
- (1) Federal-Mahr dual probe height measurement table with dual probes
- (4) D-8000 Federal Dimensionair air gages
- (1) 1999 Certified Magnetic Particle Inspection
- Large array of height stands, indicators, micrometers, calipers, thread rings, thread plugs, variable thread measuring systems, surface and hardness testers, pin gages, and other miscellaneous equipment.



Robert's Manufacturing Company, Inc.

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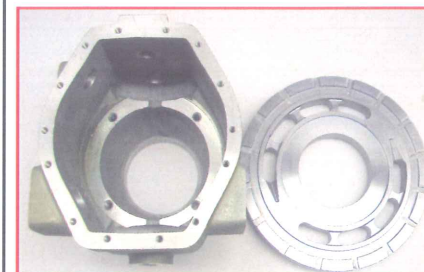


**Robert's Manufacturing
Company, Inc.**

**An ISO 9001:2008
Certified Company**



***"Manufacturer of
Precision Machined
Components to
Customer
Specifications"***



RMCI Capabilities

Turning Center Capabilities:

(1) 1993 Okuma Cadet Single Spindle Turning Center:

- 8" standard chuck
- Collet chuck equipped
- Not tailstock equipped

(3) 2004 Mori-Seiki SL-204 Single Spindle Turning Center:

- 8" standard chuck
- Collet chuck equipped
- Tailstock equipped
- Bar pull equipped

(2) 1994 Mori-Seiki SL-25 Single Spindle Turning Center:

- 8" standard chuck
- Collet chuck equipped
- Tailstock equipped

(2) 1998 Mori-Seiki SL-250 Single Spindle Turning Center:

- 10" standard chuck
- Collet chuck equipped (one machine)
- Tailstock equipped

(1) Tsugami SS32:

- 1.250 Bar Capacity
- LNS Hydrobar Express 332 Bar Feed (12' capacity)
- "Coolblaster" High Pressure Coolant
- Live Tooling and Subspindle to support done in one op.

(1) Citizen L32 Type VII Swissturn:

- 1.250 Bar Capacity
- LNS Hydrobar Express 332 Bar Feed (12' capacity)
- "Coolblaster" High Pressure Coolant
- Live Tooling and Subspindle to support done in one op.



Manufacturing Cells:

RMCI has experience constructing and operating manufacturing cells to facilitate reduced labor, quick changeovers, reduced inventory levels, KANBAN deliveries and improved quality. These individual elements combine to provide improved value to our customers. Contact us regarding your project.

Machining Center Capabilities:

(3) 1994-1996 Mori-Seiki MH-40 Horizontal Machining Center:

- 15-3/4" x 15-3/4" x 19" working envelope
- "Chipblaster" (high pressure coolant) equipped (2 machines)
- 2 have 60 tools, 1 has 40 tools

(2) 1998 Mori-Seiki MH-400 Horizontal Machining Center:

- 15-3/4" x 15-3/4" x 19" working envelope
- "Chipblaster" (high pressure coolant) equipped
- 60 tools

(1) 2005 Mori Seiki NV5000 Vertical Machining Center:

- 31.5" x 20.1" x 20.1" working envelope
- 30 tools
- "Chipblaster" (high pressure coolant) equipped

(1) 2005 Kitamura My-Center-HX400iF Horizontal Machining Center:

- 28" x 24" x 24" working envelope
- High pressure coolant equipped
- 50 tools
- Full 4th axis rotary table (0.001 degree indexing)
- Full probing capability

(3) 2006 Mori Seiki NH4000DCG Machining Center:

- 31.5" x 20.1" x 20.1" working envelope
- 120 tools
- High pressure coolant equipped
- Full 4th axis rotary table (0.001 degree indexing)



Finishing Capabilities:

(1) 1993 Model 1803-MBC Sunnen Hone

- Conventional tooling & diamond single-stroke honing
- Tolerance & Surface finish dependent on application
- Size range from .060 – 6.000

(2) Vibratory Deburring Machines (Bowl Type)

- 4 cu / ' and 8 cu / '
- Ceramic media

Sawing Capabilities:

(1) 2001 Wells F-16-2A Saw:

- 8" diameter capability

(1) 1999 Hyd-Mech H-18 Saw:

- 14" diameter capability

Grinding Capabilities:

(1) 1963 Blanchard Model 22K-42 Vertical Spindle Surface Grinder:

- 42" table
- 12" height capability
- Capable to .0015" tolerance spread

(1) 1997 Okamoto Model 12-24DX Horizontal Spindle Surface Grinder:

- 12" x 24" table
- 12" height capability
- Capable to .0004" tolerance spread

(1) 1999 Peter-Wolters AC1000 Fine Grinder:

- Uses carrier configuration with .750" minimum to 8.0" maximum diameter capability
- Employs CBN pellet wheels top and bottom
- Capability of .000020" to .000200" flatness (dependent upon size and material)
- Capable to .000100" load to load thickness repeatability (dependent upon size variation presented load to load)
- Currently set for hard materials (i.e.: 45-63Rc) although softer materials may be run (review and possible testing required).

(1) 1999 Peter-Wolters 4R1200 Single Side Lap:

- 4 work station design
- Capable to .000010" to .000060" flatness (dependent upon size, material, and incoming size and geometry variations)
- Excellent surface finish capabilities

(1) 1994 Ded-Tru Model C Centerless Grinder:

- Capable to .00020" tolerance spread under normal production requirements
- Size range from .030" to 2.500" (1:2 diameter to length)
Equipped to grind a wide variety of materials

(2) Cincinnati No. 2 Centerless Grinder:

- Capable to .00040" tolerance spread
- Size range from .125" to 3.000" (1:2 diameter to length)
- Equipped to grind a wide variety of materials

