

HMI

A Complete CNC Machine Shop

2246 North Penn Rd. Hatfield PA 19440

Phone 215-822-9359

Fax 215-822-3013

Email sales@hmiinc.com

Dear Buyer,

HMI (Hardy Machine Inc.) is a family run precision machine shop. We have been serving the business community for fifty (50) years and we are committed to helping our customers with all of their manufacturing needs. Our company offers a complete range of services including, CNC Swiss Turning, CNC Multi-Axis Turning, CNC Milling, Mechanical and Electro-Mechanical Assemblies. We are committed to supplying you with precision-machined components on time every time.

HMI is the obvious choice for your manufacturing needs, from input on reducing machining costs, to the machining and final assembly of your product. We excel at customer service and on-time delivery of quality components.

Our highly trained staff works with the latest equipment and software technology to provide the best service available. To ensure prompt courteous service please direct your inquiries to the following people;

Tracey Hackert at extension #101, Production Coordinator.

Bill Hardy at extension #102, Sales & Quoting.

Dave Frederick at extension #104, Sales & Quoting.

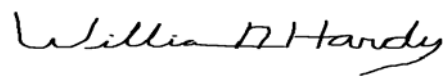
Jim Hardy at extension #107, Quality Control.

Carol Snyder at extension #110, Office Administrator.

HMI has a long list of satisfied customers. We have helped both small and large companies in all types of businesses. We know that the quality and service we provide is what brings our customers back.

Why not give us a call to discuss how we can help you be more competitive in your market area? We will work with you to provide critical components or assemblies on-time every time to meet your demand. We are here to provide you with superior service.

Sincerely,



William N. Hardy
President

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HMI History

HMI (Hardy Machine Inc.) is a precision job shop. Started in 1957 by David Hardy, Hardy Machine was primarily a Tool & Die and Mold repair shop. Over the years more and more production work was obtained and the mold work diminished. By 1982 the shop had out grown the original facility and a new building was built. At this time, Dave's son Bill became more active in the family business. In 1984 Hardy Machine was incorporated as HMI. In 1986 Bill was appointed Vice President of Operations, and in 1992 Bill became President of the Corporation.

Today HMI is a complete CNC machine shop and currently employs 21 people and utilizes over 12,000-sq. feet of manufacturing area. Utilizing the latest equipment and software technology we manufacture critical components for the medical, fluid and gas control, electronic, and semiconductor industries. We have the personnel and the equipment to ensure that our commitment to quality and on time delivery is carried out every time.

Our capabilities include but are not limited to:

- 2 axis CNC Turning
- 3 and 4 axis Turning and Milling
- 10 axis CNC Swiss Turning
- 3 and 4 axis Milling with APC's
- Machining of prototype to large production quantities
- Machining of ferrous, non ferrous and precious metals
- Machining of all types of plastics
- Assembly of machined and procured components
- JIT delivery of your blanket and/or contract orders

Visit us at our website www.hmiinc.com



FOUR WORDS THAT MAKE A DIFFERENCE

Timeliness: The ability to deliver a job on the date that it was originally promised. This is a simple goal that is too rarely achieved in the business world.

HMI has a 40-year reputation of on-time performance that is hard to beat. Turn-around time on your order is kept to a minimum, as HMI has the manpower, high-tech automated equipment, and strong commitment necessary to meet the demand.

Quality Control: The assurance that each and every manufactured piece will meet or exceed the specifications of a given job.

HMI's quality control program assures a high quality product on every job, large or small. Even the best quality control program can only succeed with well-trained, experienced workers producing your machined components. HMI has these experienced and trained employees. Our team is comprised of veteran machinists, most with over 10 years experience and many with over 20 years experience.

Communication: The process by which information is exchanged between individuals or corporations. Too often it becomes a confused and distorted process, one which causes missed deadlines and cost overruns.

When dealing with HMI, the person that you work with has the authority to make the decisions necessary to close the deal. HMI is still a family-run business, one with a 40-year history of effective, clear communication. At HMI, the person you are working with has been selected by and reports directly to the president of the company. This ensures a direct and clear line of communication.

Reliability: It is the sum total of all the other categories. It is impossible to achieve without first achieving perfection in each of the other areas.

At HMI, our management team has not forgotten that reliability is what has earned us the respect and continued business of dozens of companies, large and small. Reliability has won us a place as an ultra-precise medical component supplier. It has helped us obtain government subcontract machine work. And it has brought us machining projects of all sizes and descriptions.

Reliability is what will most impress you when you work with HMI.

TURNING CENTERS

Working with Brass, Aluminum, Stainless Steel, Silver, & Over 40 Years with Plastics

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|---|---|
| <p>1 Mori Seiki NL-1500 CNC Lathe (2005) 2" Bar Capacity 6" 3 Jaw Chuck 12 Station Turret MSX 850 Control 6000 RPM, 5 HP Live Tooling for Milling, Drilling & Tapping, offers Flexibility in Machining. LNS QuickLoad Auto Loader, Bar Feed</p> | <p>1 Mori Seiki SL150SMC CNC Lathe (1996) Three Axis Turning Center 1 3/4" Bar Capacity 6" Chuck on Main Spindle 5" Chuck on Sub-Spindle 12 Station Turret Live Tooling for Milling, Drilling & Tapping, offers Flexibility in Machining 18T Fanuc Control Autobar Quick Load Bar Feed System</p> |
| <p>1 Mori Seiki SL-203 CNC Lathe (2004) 2 5/8" Bar Capacity 10" 3 Jaw Chuck 10" 2 Jaw 10 Station Turret MSG 503 Control Live Tooling for Milling, Drilling & Tapping, offers Flexibility in Machining</p> | <p>1 Mori Seiki SL15MC CNC Lathe (1993) 1 5/8" Bar Capacity 6" Chuck 12 Station Turret Live Milling, Drilling & Tapping Tools For Continuous Machining of Second Operation Work. 16T Fanuc Control SMW Quick Hydrodynamic Bar Feed</p> |
| <p>1 Mori Seiki ZL-204SMC CNC Lathe (2003) Four Axis Turning Center 2 1/2" Bar Capacity Twin Turret/Twin Spindle 8" Chuck on Main Spindle 6" Chuck on Sub-Spindle 12 Station Main Turret 10 Station Sub Turret MSG 501 Control Autobar Quick Load Bar Feed System</p> | <p>1 Mori Seiki SL00 CNC Lathe (1990) 1 1/4" Bar Capacity 6" Chuck 8 Station Turret LX3 Yasnac Control</p> |
| <p>1 Mori Seiki CL-203A CNC Lathe (2001) 2" Bar Capacity 8" Chuck 12 Station Turret Mitsubishi Conversational Control Autobar Quick Load Bar Feed System</p> | <p>1 Mori Seiki SL1A CNC Lathe (1986) 1 1/4" Bar Capacity 6" Chuck 12 Station Turret Fanuc Control LNS Hydro Bar Feed</p> |
| <p>1 Mori Seiki SL-25E CNC Lathe (2000) 2 5/8" Bar Capacity 10" 3 Jaw Chuck 10" 2 Jaw 10 Station Turret 21T Fanuc Control</p> | |

SWISS TURNING CENTERS

Working with Brass, Aluminum, Stainless Steel, & Plastics

- | | |
|--|---|
| <p>1 Star SR-20RII Swiss CNC Lathe (2006) Five Axis Turning Center 3/4" Bar Capacity 4 Live Cross Milling, & Drilling Tools 6 Live End Milling, & Drilling Tools Sub Spindle for Simultaneous Machining of 2nd End Work. LNS Magazine Type Bar Feed 18i Fanuc Control</p> | <p>1 Star SA-16 Swiss CNC Lathe (1998) Five Axis Turning Center 5/8" Bar Capacity 3 Live Milling, & Drilling Tools Sub Spindle for Simultaneous Machining of 2nd End Work. Spego Hydrodynamic Bar Feed 18T Fanuc Control</p> |
| <p>1 Star ECAS-20 Swiss CNC Lathe (2003) Ten Axis Turning Center 3/4" Bar Capacity 6 Live Cross Milling, & Drilling Tools 4 Live End Milling, & Drilling Tools Sub Spindle for Simultaneous Machining of 2nd End Work. LNS Magazine Type Bar Feed Siemens Control</p> | <p>1 Star SR-16 Swiss CNC Lathe (1992) Five Axis Turning Center 5/8" Bar Capacity 3 Live Milling, & Drilling Tools Sub Spindle for Simultaneous Machining of 2nd End Work. Spego Hydrodynamic Bar Feed 16TTA Fanuc Control</p> |

MILLING CENTERS

Working with Brass, Aluminum, Stainless Steel, Silver, & Over 40 Years with Plastics

3 Mori Seiki 5080 Vertical Milling Center

(2007)

20" x 31" Table Travel
30 Station Tool Magazine
20 Horse Power
Programmable 4th Axis
Fanuc MSC-504 Control
Rigid Tapping

Miscellaneous Manual Machines

Hardinge Hand Screw Machines
DoAll Turret Lathes
Fortune Engine Lathe
Hardinge Tool Room Lathe
Bridgeport Mills

1 Mori Seiki MV50-E Milling Center (2001)

20" x 40" Table Travel
20 Station Tool Magazine
7.5 Horse Power
Programmable 4th Axis
Fanuc Control
Rigid Tapping

Miscellaneous Equipment

Drill Presses
Vertical Band Saw
Horizontal Band Saw
Table Saw
Surface Grinder
Tool & Cutter Grinder

1 Mori Seiki SV-400 Milling Center (1998)

With 2 Station APC

High Speed, High Precision

16" x 23" Table Travel
30 Station Tool Magazine
30 Horse Power 12,000 RPM Spindle
Fanuc 16 Control
Rigid Tapping

1 Mori Seiki TV-30 (1996)

Drilling & Tapping Machine

12" x 16" Table Travel
10 Station Tool Turret
Programmable 4th Axis
Mitsubishi MSC-802 Control
High Speed Drilling & Rigid Tapping

INSPECTION EQUIPMENT

1) Brown & Sharpe CMM Model MICROXCEL PFX 454E (2000)

1) Starrett 18 x 24 inch, Grade 'A' surface plate

1) 15" OPG Optical Comparator with Digital Readout

1) Mitutoyo Surftest Profilometer

2) Digital, 0-2" Drop Indicators

1) Mitutoyo 12" Digital Height Gage

1) Tool maker's microscope

Hole micrometers from .200"- 2.000" Diameter

Plug gages from .016" to 1.125"

Depth micrometers to 6"

Outside micrometers to 5"

Full range of thread gages, plugs and rings, from 0-80 to 2 1/2-16

Full range of pipe gages, plugs and rings, from 1/16 NPT to 2 1/2 NPT

Calipers to 20"

2 1/2" "mini" sine bar

Vernier protractor

Mitutoyo gauge blocks (traceable to Bureau of Standards)

Miscellaneous dial gauges, vises, blocks & squares