



Holbrook Tool & Molding Inc.

10696 Perry Highway • P.O. Box 60 • Meadville, PA 16335
(814) 336-4113 • Fax # (814) 337-0910

The Following Is A Brief Description Of Our Company

With approximately **35** full-time employees located in a modern, climate controlled **22,800 sq. ft.** facility that includes office, design, quality control, manufacturing and cleanroom molding areas, Holbrook Tool & Molding is here to serve you.

The owner has more than forty years experience in **molds, dies, component parts, gages and fixtures**. We specialize in **mold construction** and **custom molding**. We also offer all types of grinding, including form grinding, carbide and centerless grinding. We also have five CNC machining centers and a CNC turning center which gives us the opportunity to offer both **CNC machining** and **CNC turning** capabilities.

We possess the ability to **design and build** prototype molds, inserted overmolds and production molds. Recently we have excelled in the medical, consumer product and electronic fastener fields. Our capabilities include single or multi cavity tools with **conventional runners or hot manifold systems**.

Our **Design Department** currently has one seat of **Unigraphics**, one seat of **Pro/ENGINEER** and one seat of **KeyCreator**. This software gives us the ability to design molds using the customers' part print and or electronic files. We also have four cam stations that support **Mastercam**.

When the manufacturing processes are completed, **we have a full tooling inspection program**. We also have **ISO 9001:2015** and **ISO 13485:2016** certifications for the manufacture and supply of plastic components.

If you would like further information please contact Don Lockwood at 540-248-3812.

Our sales e-mail address is: sales@holbrooktool.com

Our web site address is: <http://www.holbrooktool.com>

Organization Chart

Richard D Lockwood, Owner

Don E Lockwood, Sales Manager

Chris Knierman, Engineering Manager

Even though we have very capable people in our organization, they are all under the direct supervision of Richard Lockwood, owner.

Contingency Plan For Unforeseen Interruption In Production:

We at Holbrook Tool & Molding have a very good working relationship with several custom mold shops in the area and in the event of an interruption in production these shops would be utilized.

Contact Information

Main Office

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Sales Office

Don Lockwood
Phone: 540-248-3812
Email: sales@holbrooktool.com



Injection Molding Department

2 – Arburg 270C 44 Ton Injection Mold Presses

- Barrel Shot Size: .7 & 1.1 Ounces
- Platen Size: 17.56" x 17.56"
- Tie Bar Spacing: 10.63" x 10.63"
- Maximum Opening: 21.65"
- Shut Height: 7.87"
- Hydraulic Core Pull
- Max Inj PSI 36,000 Plastic

1 – Arburg 370S 55 Ton Injection Mold Press

- Barrel Shot Size: .5 & 2.6 Ounces
- Platen Size: 20" x 20"
- Tie Bar Spacing: 14.5" x 14.5"
- Maximum Opening: 23.622"
- Shut Height: 7.87"
- Hydraulic Core Pull
- Max Inj PSI 36,000 Plastic

1 – Arburg 83 Ton Injection Mold Press

- Barrel Shot Size: 2.5 Ounces
- Platen Size: 19" Square
- Tie Bar Spacing: 12 ½" Square
- Maximum Opening: 14 ¾"
- Shut Height: 8 7/8"
- Hydraulic Core Pull
- Max Inj PSI 35,000 Plastic

1 – Arburg 420C 110 Ton Injection Mold Press

- Barrel Shot Size: 3.0 Ounces
- Platen Size: 22" x 22"
- Tie Bar Spacing: 16" x 16"
- Maximum Opening: 29"
- Shut Height: 10"
- Hydraulic Core Pull
- Max Inj PSI 36,000 Plastic

1 – Arburg 470C 165 Ton Injection Mold Press

- Barrel Shot Size: 3.64 Ounces
- Platen Size: 25.5" x 25.5"
- Tie Bar Spacing: 18.5" x 18.5"
- Maximum Opening: 29.53"
- Shut Height: 9.84"
- Hydraulic Core Pull
- Max Inj PSI 36,000 Plastic

1 – Arburg 520A 176 Ton Electric Inj Mold Press

- Barrel Shot Sizes: 6.49 & 8.2 Ounces
- Platen Size: 28.66" X 28.66"
- Tie Bar Spacing: 20.47" X 20.47"
- Maximum Opening: 27.56"
- Shut Height: 9.84"
- Hydraulic Core Pull
- Max Inj PSI 25,000 Plastic

2 – Arburg 570C 220 Ton Injection Mold Presses

- Barrel Shot Sizes: 10.3 & 12.7 Ounces
- Platen Size: 31.3" X 31.3"
- Tie Bar Spacing: 22.44" X 22.44"
- Maximum Opening: 37.4"
- Shut Height: 11.81"
- Hydraulic Core Pull
- Max Inj PSI 35,000 Plastic

1 – Cincinnati VT 300 Ton Injection Mold Press

- Barrel Shot Size: 21 Ounces
- Platen Size: 36.8" X 36.2"
- Tie Bar Spacing: 25" X 24 ½"
- Maximum Opening: 48"
- Shut Height: 7.9"
- Hydraulic Core Pull
- Max Inj PSI 24,000 Plastic

Machining Department

- 1 – Mikron HSM 400 **CNC** Machining Center
- 1 – Mori Seiki MV-65 B/50 **CNC** Machining Center (66 X 25.5 inch travel)
- 1 – DMG Mori CMX 1100 V **CNC** Machining Center
- 1 – Kitamura Mycenter 3XiF **CNC** Machining Center
- 1 – Kitamura Mycenter 3XG **CNC** Machining Center
- 2 – Bostomatic High Speed **CNC** Machining Centers (For graphite electrodes)
- 4 – Bridgeport Mills with Digital Readouts
- 1 – Mori Seiki SI25B/500 **CNC** Turning Center
- 1 – 15” Engine Lathe, with A 60” Center
- 2 – Roll-In Bandsaws
- 1 – Wellsaw (Bandsaw)
- 2 – Belt Sanders
- 1 – Nova Tech Micro-Tig Welding System
- 1 – Millermatic 250 Mig Welding System

Grinding Department

- 13 – Harig Surface Grinders
- 4 – Mitsui 6-12 Surface Grinders
- 1 – Do-All Surface Grinders
- 1 – Sharp Surface Grinder
- 1 – Okamoto 618-B Linear Grinder
- 2 – Okamoto 1224DX Surface Grinders
- 1 – Moore Jig Grinder
- 1 – Kellenburger (ID – OD) Grinder – Model 600V
- 2 – Ded-Tru Centerless Grinders
- 1 – Deckel Single Lip Cutter Grinder
- 1 – Sunnen Hone

EDM Department

- 7 – Die Sink EDM's with Full Capabilities
- 8 – Charmilles full CNC EDM's (including two 350 Gamma Tec machines)
- 2 – Wire EDM's:
 - One Agiecut 200D+SF
 - One Agiecut DEM 100
- 1 – Current (Model CT-300) CNC EDM Drilling Machine

In addition to the above, we have a full inventory of the necessary support tools, including:

- 2 – Comparators
- 2 – Toolmaker Microscopes
- 3 Sets of Ceramic & 1 Set of Carbide & 2 Sets of Steel Gage Blocks – Calibrated Yearly

Inspection Lab

1 – Brown & Sharpe Gage-2000 Coordinate Measuring Machine, (18 x 20 x 16” XYZ)

1 – 12” Mitutoyo Height Master

Full Set of Myer Gage Pins .011 to .500 inch .0005 sizes in the minus tolerances

Starrett Croblox Gage Blocks – calibrated yearly

Brown & Sharpe Indicators (.00005, .0001, .005)

3’ X 5’ Starrett Crystal Pink Granit Surface Plate

2 – OGP Smart Scopes

1 – Ohaus Weight Scale