

# Quality Mold Shop, Inc.

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ISO Certified 9001:2015  
Women-Owned Small Business  
Family Owned since 1976  
[www.quality-mold.com](http://www.quality-mold.com)

We have designed, built, and repaired plastic injection molds up to 10,000lbs, since 1976.  
Thermoplastic Injection Molds, Thermo-set Injection, Compression, Blow Molds, Gas Assisted  
We have in-house capabilities to sample and run Thermoplastic Horizontal Injection and Rotary Vertical Molds.  
We offer competitive rates and lead-times as well as pick-up and delivery services.

## EDM (Electrical Discharging Machining)

- (1) Charmilles 440 CNC Robofil Wire EDM Limit 3000lbs-Size 40x20x6 Travel 21x13
- (1) Charmilles 290 CNC Robofil Wire EDM Limit 1000lbs-Size 35x20x4 Travel 15x9
- (1) Charmilles 240 CNC Wire EDM Limit 1500lbs-Size 35x20x5 Travel 13x8
- (1) Charmilles 4000 CNC, 128 Amp, Tool Changer, C Axis EDM Limit Size 24x20x12 Travel 17x12
- (2) Charmilles Roboform 40 CNC, 128 Amp, Tool Changer, C Axis EDM Limit Size 24x20x12 Travel 19x15
- (2) Charmilles Roboform 30 CNC, 64 Amp, Tool Changer, C Axis EDM Limit Size 24x20x12 Travel 13x9
- (1) Charmilles Roboform 20 CNC, 64 Amp, Tool Changer, C Axis EDM Limit Size 12x9x6 Travel 12x9
- (1) Charmilles Form 20 CNC, 64 Amp, 4-Station Tool Changer EDM Limit Size 12x9x6 Travel 12x9
- (1) Charmilles CNC Small Hole Burning EDM Limit Size 11x7x6

## GRINDERS

- (1) Moore G18 CNC Jig Grinder
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- (1) Parker Majestic 8x18 Freedom CNC Surface Form Grinder
- (1) Chevalier 20x40 Automatic Surface Grinder
- (1) Okamoto 12x24 Surface Grinders
- (1) Unison 6x18 Grinder with mounted DED-TRU Grind Fixture
- (12) Harig 6x12 Surface Grinders

## MACHINING CENTERS, MILLS & LATHES

- (1) Makino F5 30,000rpm Spindle with 30 Station Tool Changer Limit Size 35x19x20
- (1) Haimer Power Clamp Shrink Fit Tooling System
- (1) Mikron 600 High Speed Machining Center, 42,000 RPM Limit Size 28x20x16
- (1) Fadal MAG VMC 6535, 3 Axis, 64 Tool Changer Limit Size 60x34x25
- (2) Fadal VMC 4020 Machining Center, 30-Tool Changer Limit Size 40x20x25
- (1) Fadal VMC3016, 21-Tool Changer Limit Size 30x16x16
- (1) Litz 44x22 10,000 RPM 24 Station Tool Changer Vertical Machining Center Limit Size 44x22x20
- (3) Boston Digital High Speed Graphite Machining Center, 20-Tool Changer Limit Size 34x15x20
- (1) Bostomatic 12G Electrode Milling Machine Limit Size 15x15x10
- (1) Amer-Seiki 8" CNC Lathe
- (1) Harding 10" Lathe
- (1) Leblond 15" Lathe
- (2) Mazak 10" CNC Lathe with Live Tooling and "Y" Axis
- (9) Bridgeport Series 1 Mills with Digital Readout

## REVERSE ENGINEERING

- (1) Steinbichler Comet L3D Blue Light Scanner with Comet Plus Scanning Software Limit Size 19x19
- (1) Geomagic Design X Reverse Engineering Software
- (1) Geomagic Verify-Comparison Software

## SPOTTING PRESS

- (1) Reis 100 Ton TUS90 7000lb. Mold Capacity with Tilt Bolster and Duel Tilt Rams

**Equipment List**

**DESIGN & PROGRAMMING SOFTWARE**

- (5) Seats, Creo 2.0 3-D Design with Mold Design and Manufacturing
- (6) Seats, Cimatron CAD CAM
- (1) Seat, Solidworks Premium 2015
- (2) Seats, Auto CAD Systems
- (1) Seat, Translator from Catia to Cimatron
- (1) Seat, Translator from Solidworks to Cimatron
- (1) Seat, Moldex 3D Flow Analysis Simulation Software
- (1) Savin 2400WD Wide Format Laser Printer, Scanner, Copier

**MOLD PRESSES**

- (1) Nissei NEX 7000, 400 Ton electric with 32 oz. shot capability Platen 41 x 40 Tie Bar Spacing 29 x 29
- (1) Nissei, NEX 7000, 400 Ton with 14.8 oz. shot capability
- (1) Nissei FNXIII 360 400 Ton 26 oz. shot Tie Bar Spacing 29"
- (1) Nissei FNXIII180, 200 Ton with 11 oz. shot capability Tie Bar Spacing 22"
- (1) Nissei 120 Ton with 6 oz. shot capability Platen 23 x 23 Tie Bar Spacing 16 x 16
- (1) Nissei 40 Ton with 1.2 oz. shot capability Platen 17 x 17 Tie Bar Spacing 12 x 12
- (1) Demag ERGOtech, 360 Ton with 22.5 oz. shot capability Platen 38 x 40 Tie Bar Spacing 24 x 28
- (1) Demag 225 Ton, 22.5 oz. shot capability Tie Bar Spacing 26"
- (1) Ferromatik Milacron, 55 Ton with 2.96 oz. shot capability Platen 19 x 20 Tie Bar Spacing 12 x 12
- (1) Autojector Vertical Press, 90 Ton, 4-Station with 4.6 oz. shot capability

**INSPECTION**

- (1) Zeiss Eclipse CMM with Calypso Software Limit Travel 18 x 18 x 16
- (1) 14" Profile Projectors
- (1) Microvu
- (1) J & L Optical Comparator

**WELDING**

- (1) OR-Laser Micro Welder, ECO 200 Watt
- (2) Pulsar Weld Logic Micro Welders
- (1) TIG 300 Heliarc Lincoln Welder

**HEAT TREATING & POLISHING**

- (3) Hupp-Co Heat Treat Furnance
- (3) DME Ultrasonic Polishers
- (1) Vapor Blast Liquid Hone
- (1) Gorton P1-3 Engraver
- (1) Krome King 250

**OTHER**

- (5) Three Delivery Trucks and Two Sales and Service Cars
- (2) Buildings – Tool Shop, 18,500sq ft. & Injection Molding , 10,000sq ft.

**CONTACTS**

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For Special jobs at customer request, ask about our outsourcing services.