

Samples of Parts



Part Design Enhancement

Mold Design

On-Site Mold Making

Prototyping

Engineering

Production

Ultra Sonic Welding

Vibration Welding

Gas Assist

Insert Molding

Heat Staking

Hot Stamping

Pad-Printing

Assembly

APM is your plastics solution provider. We will help you in all stages of your project from design enhancement to the finished plastic part with timely delivery and outstanding service. We pride ourselves on keeping with these principles in serving you as a new or traditional customer.



AMERICAN PLASTIC MOLDING CORP.

965 S. Elm Street Box 480 Scottsburg, IN 47170 812-752-7000 Fax: 812-752-5155
email: sales@apmc.com Visit our Web site at: <http://www.apmc.com>

General Information

General Description	Founded in 1971 Family owned and operated \$18,000,000 annual sales
Physical Description	Approximately 140 employees 100,000 sq. ft. of manufacturing/warehouse 5 bay loading dock
Molding Machines	36 injection-molding machines 5 Ton to 725 Ton 1/4 oz. to 85 oz.
Other Capabilities	Assembly Hot Stamping Insert Molding Sonic Welding Vibration Welding Machining Prototyping
Mold Shop	CAD/CAM Pro-Engineering, Solid Works, Auto-cad 7,500 square feet Mold design and construction Fast and adaptable mold repair
Quality Commitment	We at APM are committed to providing products and services that meet or exceed our customers' expectations for performance, reliability and safety at a competitive price, while continually improving the effectiveness of our quality system and providing a framework for establishing and reviewing our quality objectives.

Revised 8-1-07



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(TRIM TO 9.5 INCHES FROM TOP)

Production Equipment List

INJECTION MOLDING MACHINES, SCREW TYPE

➤ 1	5 ton	.015 oz.	MCP Sprite		
➤ 1	33 ton	.73 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 2	44 ton	1.46 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 1	44 ton	2.1 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 4	85 ton	4.4 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 1	110 ton	3.42 oz.	Cincinnati-Milacron		
➤ 1	110 ton	5 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 1	120 ton	7.59 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 1	120 ton	7.59 oz.	Cincinnati-Milacron	Star Robot	TS-800FM3-4
➤ 1	165 ton	7 oz.	Cincinnati-Milacron	Star Robot	TS-800FM3-4
➤ 2	165 ton	9 oz.	Cincinnati-Milacron	Star Robot	XQ-800
➤ 1	200 ton	14 oz.	HPM		
➤ 1	220 ton	10 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 1	220 ton	17 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 1	220 ton	20 oz.	Cincinnati-Milacron	Star Picker	XQ-800
➤ 2	250 ton	11 oz.	Cincinnati-Milacron	Star Robot	TWS 1200FM3-4
➤ 1	250 ton	16 oz.	Cincinnati-Milacron	Star Robot	TWS 1200FM3-4
➤ 1	300 ton	29 oz.	Cincinnati-Milacron	Star Picker	TWS 1200FM3-4
➤ 1	310 ton	26 oz.	Cincinnati-Milacron	Star Robot	TW 1400V-460
➤ 1	310 ton	36 oz.	Cincinnati-Milacron	Star Robot	TW 1400V-460
➤ 1	375 ton	32 oz.	Cincinnati-Milacron	Star Robot	TW 1200FM3-7
➤ 1	375 ton	32 oz.	Cincinnati-Milacron		
➤ 1	375 ton	20 oz.	Cincinnati-Milacron	Conair Robot	HE-400SE-1CC
➤ 1	400 ton	21 oz.	Cincinnati-Milacron	Star Robot	TW 1400V-460
➤ 1	450 ton	40 oz.	HPM	Star Robot	TW 1200 FM3-3
➤ 1	450 ton	40 oz.	HPM		
➤ 1	450 ton	76 oz.	Cincinnati-Milacron	Star Robot	TW 1400FM3-3
➤ 1	500 ton	68 oz.	Cincinnati-Milacron	Star Robot	TW 1400FM3-3
➤ 1	600 ton	76 oz.	Cincinnati-Milacron	Star Robot	TW 1400FM3-3
➤ 1	725 ton	85 oz.	Cincinnati-Milacron	Star Robot	TW 1400FM3-3

QUALITY ASSURANCE EQUIPMENT

- Coordinate Measuring Machine
- Moisture Analyzer
- MacBeth Light Booth
- Enerpac Compressive Tester
- Optical Comparator

SECONDARY EQUIPMENT

- Six Hot Stamping Machines
- One Precision Tapping Machine
- Two Ultrasonic Welders
- One Pad Printer
- One Branson Vibration Welder
- Other miscellaneous production and assembly equipment

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Mold Shop Equipment List

Since 1980, we have provided proven experience in the design and construction of precision molds for custom injection thermoplastic parts. Our design capabilities include an integrated CAD/CAM system. We have translating capabilities for drawings, and for preparation of complete mold design and detailing.

Our facility boasts the latest in a fully programmable CNC Milling Centers, four EDM Machines, and an ample complement of milling, grinding, turning, cutting, polishing, and heat-treating equipment. A partial list follows.

- 1 CAD Station, Pro/Engineering, Pro Mold, AutoCAD, and Cadkey.
- 1 CAM Station, SmartCAM, and SurfCAM.
- 1 CNC Vertical Milling Center, HAAS VF-0, 16 Station Auto Tool Changer, Table 14" x 19"
- 1 CNC Vertical Milling Center, HAAS VF-4, 20 Station Auto Tool Changer, Table 20" x 50"
- 1 Vertical Milling Machine, Millport, Accurate Measuring system, powerfeed.
- 2 Vertical Milling Machines, Bridgeport Series I. 2-J variable speed 2 HP.
- 1 Vertical Milling Machine, 9" x 49" Chevalier.
- 1 Vertical Milling Machine, Lagun FTV-2, 3HP.
- 1 Universal bore mill, 3"
- 1 radial drill.
- 1 Electrical Discharge Machine, (CNC-EDM), Charmilles Robo Form 30, 64 AMP with C Axis.
- 1 Electrical Discharge Machine, (EDM), Sunmax, 460 50 amp, 24 x 36 digital table.
- 1 Electrical Discharge Machine, EDM), Elox Agi-Mondo 3.
- 1 Electrical Discharge Machine, (EDM), Etree Pulsitron.
- 4 Surface Grinders 6" x 18": 1 Harig, 1 Acer, 2 Chevalier.
- 1 Surface Grinder Automatic Wet 12" x 24", Chevalier.
- 1 CNC Tool Room Lathe, Haas TLI.
- 1 Lathe, Clausing, 17" x 45", Precision.
- 1 Heat Treat Furnace, McEnglevan.
- 1 Draw Furnace, Thermolyne, THE 1212T.
- 1 Welder, Miller Dialarc, HF.
- 1 Vertical Contour Saw, Journeyman, equipped with hydraulics and blade/welder.
- 1 Optical Comparator, Starrett HB350, with Quadra-check 2000.
- 1 Mold Mender Coldwelder.

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