



# Plastic Molding MANUFACTURING

America's Technology Molder

## Services/Capabilities

- Two Shot Molding
- Insert Molding
- ISO Cleanroom 8
- Overmolding
- Scientific Molding
- Engineering and Tools Repair



## Serving Multiple Industries

- Medical
- Electronics
- Connectors
- Industrial
- Transportation
- Defense
- Consumer



# How Plastic Molding Manufacturing Can Help with Your Next Project

At Plastic Molding Manufacturing, we specialize in delivering advanced plastic molding solutions tailored to your exact specifications. Since 1968, our experienced engineering team has utilized scientifically optimized processes and state-of-the-art technologies to drive precision, performance and great partnerships.

We offer a full spectrum of services — from product development and prototyping to full-scale manufacturing and distribution—providing seamless support at every stage. With facilities across the U.S., we ensure responsive service and reduced lead times for clients nationwide.

Partner with us to streamline production, accelerate time to market, and achieve consistent, high-quality results.

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## Precision

### Value Added Services

- Part Joining
- Adhesive Bonding
- Heat Staking
- Ultrasonic Welding
- Pad Printing and Decorating
- Hot Stamping
- Mold Maintenance, Repairs
- Modifications and Transfers

### Custom Automated Work-Cells

We optimize your high volume and complex production runs. We can help optimize your production with any of the following processes:

- Part Picking & Handling
- Insert Loading
- Stacking
- Welding
- In-Mold Assemblies
- Part Marking (etching or impact engraving)

## Performance

### Project Management

- Program Management
- Supply Chain Management
- Quality Control
- JIT / Kanban Programs
- Analytical Testing
- IQ / OQ / PQ & PPAP Process
- Qualification/ Validation

### Mold Repair and Maintenance Services

With our in-house mold repair and maintenance services you can protect your investments and the longevity of your molds.

### Project Development

- Design for Manufacturability
- Rapid Prototyping
- Vertically Integrated Manufacturing
- Thick and Thin Wall Molding
- Material Selection
- Product Packaging
- Automation & Assembly
- Mold Flow Analysis

## Partnership

### Remote Visual Inspection

Our advanced Visual Inspection System lets you monitor sample runs in real time from anywhere in the world.

- High-resolution cameras to view the molding process.
- Microscopic camera for viewing detailed aspects of the component.
- Precise digital measurement capabilities.
- Live audio with our engineers, you gain full visibility into the molding process—without leaving your office.
- State of the art wireless network for high-definition conferencing.

If your project is with PMM, you can review your parts being sampled from your computer anywhere in the world.

# ISO Class 8 Cleanroom Molding for Medical and Pharma

Our ISO 13485-certified, Class 8 cleanroom provides the high level of cleanliness and process control essential for medical and pharmaceutical plastic components. Our facility meets strict regulatory standards to ensure particle-free, high-quality production.

Equipped with horizontal and vertical clamp presses—including a rotary table and two-shot molding capabilities—we offer advanced solutions like Cleanroom Insert Molding. This allows for streamlined assembly, reduced part count, and improved product integrity.

Partner with our experienced team to optimize your design for cleanroom molding and bring your medical innovations to market with confidence.



## Quality from Concept to Production

From design to delivery, our ISO 9001-certified Quality Management System ensures precision, consistency, and cost-efficiency in every molded part. We specialize in delivering high-quality plastic components through a process-driven approach focused on continuous improvement, supporting both new product launches and legacy tooling programs.

### Highlights of Our Quality System:

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- IQ/OQ/PQ/PPAP Validation Protocols
- Statistical Process Control
- Materials Traceability
- Documented Inspection Plans, Procedures and Training
- Root Cause & Corrective Action Procedures
- FMEA & Process Capability Studies
- Quality Management Integrates into our ERP System
- Documented Shipping Instructions
- ISO: 9001 Certifications



