

SERVICES & CAPABILITIES

Precision Molded Plastics provides services, resources and guidance to help people get the most out of their plastic injection molding.

New **Product Launches** • Easy **Mold Transfers** • Online **Resource Center** • ISO **Certified** • Since **1979**

GENERAL CAPABILITIES

Plastic Injection Molding
Custom Mold Building
High Volume Production
Finishing Operations
Cleanroom Manufacturing
Full-Service Contract Manufacturing
On-Site Storage Warehouse

MANUFACTURING SERVICES

Plastic Injection Molding
Insert & Overmolding
Part Decoration & Identification
Tooling Validation
Clean Room (ISO 8 / Class 100K)

MATERIALS

Engineering Grade Resins
Commodity Thermoplastics
Bioplastics & Recycled Materials
Unlimited Colors
Multiple Additives

CLAMPING FORCE

15 Tons to 310 Tons

SHOT SIZE

0.75 Ounce to 22 Ounce

SHORT LEAD TIMES

Production in Two to Three Weeks
Just-in-Time (JIT) Availability
Stock-to-Dock Availability
Expedited Service Availability

TOOLING & MOLD BUILDING

Custom Tooling Fabrication
Mold Design & Engineering
Class 105 (Prototyping) to Class 101 (High Volume)
Multi-Cavity & Family Molds
Interchangeable Inserts
Cold & Hot Runner Systems
Insert & Overmolding

PRODUCTION CAPABILITIES

High Volume Production
Parts up to approximately 150 sq. in.
Lean/Six Sigma Certified
Thin Wall & Close Tolerances
Scientific (Decoupled) Molding

SECONDARY OPERATIONS

Product & Component Assembly
Part Decoration & Identification
Production Machining of Plastic & Metal
CNC Lathe, Grinding, Milling & Engraving
Packaging, Adhesives, Inserts & Hangtags

PART DECORATION

Pad Printing
Thermal Transfer
Hot Stamping
In-Mold Decoration

REPORTING

Statistical Process Repeatability
Failure Mode Effects Analysis (FMEA)
Internal & Supplier Corrective Action
Lot Code Traceability & Product Retains

QUALITY

ISO 9001:2015 Certification
Advanced Quality Assurance Procedures
Customized Sampling Plans
Image Dimension Measurement System
Handheld Coordinate Measuring/Scanning

CUSTOMER SUPPORT

Proven Delivery Performance
Friendly Customer Service
Inexpensive Local Delivery
Technical & Engineering Support

ADDITIONAL SERVICES

3D Printing / Prototyping
Labeling & Bar Coding
Sub-Assemblies
Engineering Services
Research & Development
Program & Inventory Management
Part & Tooling Design Support
Design for Manufacturability (DFM) Studies
Mold Flow Analysis
Storage & Warehousing
Logistics & Distribution

INFRASTRUCTURE & SYSTEMS

Robotics & Work Cell Automation
Infrastructure Redundancies
Statistical Process Control (SPC) Monitoring
Lights-Out Manufacturing
Kanban Systems
Closed-Loop Manufacturing
Proprietary Information Systems



PRECISIONMOLDEDPLASTICS.com
909-981-9662 • ask@pmp.bz