

OUR MANUFACTURING CAPABILITIES

PLASTIC INJECTION MOLDING MANUFACTURING	<p>Custom Molding Solutions Problem Solving/Concepts Design Custom Part Making /Tooling Capabilities Rapid Prototyping / 3D Printing Low Volume /Small Runs Large Volume Runs</p>
OHIO MANUFACTURING FACILITY	25,000 Sq Ft facility
PRODUCT CAPABILITIES	<p>Small Parts Overmolding, capable of running most engineered resins</p>
MOLD PROCESS TYPE	Injection Modling, Overmolding, Insert Molding
EQUIPMENT	<p>Automated Robotic Microprocessor Controlled Self-Diagnostic</p>
MATERIALS	<p>Engineering Grade High Temperature Commodity Resins ABS Celcon Glass Filled Nylon Flexible PVC HDPE LDPE PP POM HIPS TPE TPR Nylon Acetal Others</p>
CLAMPING FORCE	46 to 528 tons
SHOT SIZE	Fractional to 40 oz.
NUMBER OF CAVITIES	Prototype to 100+

LENGTH	Up to 48 in
WIDTH	Up to 26.5 in
HEIGHT	Up to 32 in
INSPECTION	Visual Systems Product Tolerances Color Monitoring Physical Appearance Certified Mechanical Inspection
TESTING	Gauges Surface Plates Scales
QUALITY	Control Checks Specifications Documentation
ADDITIONAL SERVICES	Project Management Custom Packaging Design for Manufacturability Assembly
PRODUCTION VOLUME	Short Runs (10 parts) High Volume (millions parts)
LEAD TIME(S)	Parts shipped from stock to less than 3-4 weeks on existing parts in production. 8-12 for new tooling projects. Just In Time (JIT) Safety Stock Program
INDUSTRY FOCUS	Consumer Products Medical/Pharmaceutical Food/Beverage Construction/Building Point of Purchase Displays Bearings/Conveyers Office Products/Cabinets/Hardware Baby/Children's Products Lawn/Garden Shower/Bath Products Windows/Doors
INTENDED APPLICATION	Custom parts for various applications

QUALITY CERTIFICATIONS

ISO 9001:2008
OSHA

RESIN CERTIFICATIONS

FDA
RoHS
Reach
NSF

EFFICIENCY

Landfill-Free Facility
Lean Manufacturing
Demand response program

FILE FORMATS

AutoCAD
SolidWorks
IGES