

Plastic Injection Molded Parts

Data sheet



Tool / Mold Construction

- ▶ ISO Certified Facilities
- ▶ Custom Mold Design
- ▶ Precision mold making and fabrication
- ▶ High-speed processes equipment that allows tools to be built in the industry's shortest lead times guaranteed.
- ▶ Multiple high-speed CNC, wire cut EDM, drilling, milling, and grinding machines
- ▶ 3D CAD/CAM, Pro/ENGINEER, and SOLIDWORKS software
- ▶ Lifetime warranty and service on tooling with a production order



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Plastic Injection Molding

- ▶ Injection, Double-injection, Vertical injection, Insert molding, and Steam injection molding
- ▶ Thin wall molding up to 0.3mm thickness
- ▶ Machine tonnage ranging from 25 Tones to 850 Tones
- ▶ Secondary Finishing Available
 - ▶ 1. Spray painting
 - ▶ 2. Silk screening and Pad Printing
 - ▶ 3. Hot Stamp Printing
 - ▶ 4. Laser Etching
 - ▶ 5. Precision, High volume robotic spray booths
 - ▶ 6. Ultrasonic welding of parts
 - ▶ 7. Subassembly and Encasing lines available.
- ▶ CMM and state of the art optical measuring equipment to ensure a high degree of accuracy
- ▶ ROHS compliance



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Let's Talk About Your Plastic Injection Challenges

- ▶ **Unstable Tooling Lead Times**
- ▶ **High Tooling & Setup Costs**
- ▶ **Design for Manufacturability (DFM) Issues**
- ▶ **Inconsistent Part Quality**
- ▶ **Material Selection Challenges**
- ▶ **Low-Volume Production Constraints**
- ▶ **Tool Modification & Iteration Delays**
- ▶ **Cosmetic & Surface Finish Defects**
- ▶ **Poor Communication with Mold & Injection Supplier**
- ▶ **Suppliers Focused on Parts, Not Product Success**

What Happen next?

- Review your design & requirements
- Provide engineering-led DFM feedback
- Define the right tooling strategy
- Support sampling and iterations
- Move into controlled production & scaling

Free quality verification to de-risk procurement

- Design & DFM Risk Check (No Cost)
- Material & Application Suitability Review
- Tooling Feasibility Assessment
- Process & Quality Risk Identification
- Sampling & Acceptance Criteria Alignment
- Scalability & Consistency Check

**If you are struggling with the challenges above
Let's work it out together**

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