

PLASTIMOLD

PLASTIC INJECTION MOLDED PRODUCTS



MANUFACTURING **QUALITY** PRODUCTS FOR OVER 25 YEARS

PLASTIC INJECTION MOLDING

Plastimold offers family, single-cavity, multi-cavity, insert, and over-molding services. Our engineers are available to assist with part optimization for injection molding (DFM) and material choice consulting. All parts are produced in the USA in an automated process and climate controlled environment.

MOLD MAKING

Our master mold builders can either manufacture your mold at our Florida facility or utilize our overseas factory partnerships of 15+ years and build your tool at a globally competitive cost. Our in-house mold shop and mold repair program ensure your mold is maintained and ready for production.

PRECISION MACHINING

Plastimold Products offers precision CNC machining services that deliver tight-tolerance, high-quality components for a wide range of industries. Using advanced CNC mills, lathes, and EDM equipment, our skilled machinists produce complex metal and plastic parts with exceptional accuracy and repeatability.

OTHER SERVICES

Assembly, Pad & UV Printing, Packaging, 3D Printing & Scanning, Assembly, Ultrasonic Welding, Warehousing & Fulfillment

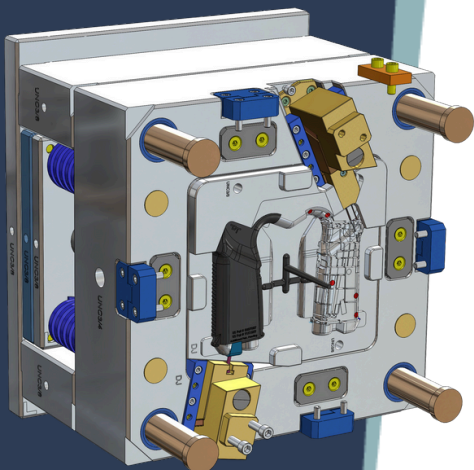
CONTACT US

We'll partner with you to craft the smartest, most cost-effective strategy to achieve your goals.

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INJECTION MOLDING

- Toshiba EC 45
- Toshiba EC 90
- Toshiba SX 140
- Toshiba SX 200
- JSW 90
- Toshiba EC 390
- Haitian 360
- Haitian 180
- Zhafir 160
- Zhafir 250

**All machines are equipped with Robotic Sprue Pickers and Automated Conveyors*

MATERIALS

ABS, Acetal, Acrylic, Polyflax, HDPE/LDPE, Nylon, Glass Filled Nylon, PET, Polycarbonate, PC/ABS, Polypropylene, Polystyrene, PVC (rigid and flexible), Tenite, TPU/TPE, Ultem.

*Custom Compounded Materials

PRODUCTION VOLUME

Custom production schedules, High Volume, Low Volume, Short Runs, Long Runs

QUALITY

We work utilizing the following Quality standards:

- ISO 9001:2015, ISO 13485, AS9100 Certified
- 21 CFR Part 820, FDA, GMP, UL, ITAR Compliant
- New Tools are qualified per: PPAP, ISIR, IQ/OQ/PQ, or AS9102 Standards
- Zero Defect Quality: molding processes are controlled by process monitor installed on machines. Processes drifting outside approved ranges automatically trigger the molding machines to shut down.
- Quality records & Lot control records are maintained for 5 years. (can be longer based on customer requirements)

MACHINING & TOOLING

- Makino F3 Mill
- Mazak Mill
- Okuma Mill
- Okuma CNC Lathe
- EDM Sinker
- Manual Mill/Lathe
- Haas VM3
- Automatic & Manual Grinders
- Automatic Saw
- Gershwin Polishing Station
- Mitutoyo CMM Inspection Equipment

TOOLING

Aluminum, P20 Tool Steel, Stainless Steel, and other tool steels selected on a project by project basis. Expertise in Hot Runner, unscrewing, hydraulic/pneumatic core pull, 3-plate, sub-gate automatic tooling, insert and overmolding.

TOOLING LEAD TIME

3-5 day rapid tooling

2-4 weeks for small, simple molds

4-8 weeks for medium/large, complex molds

PREFERRED FILE FORMATS

SolidWorks (Sldprt, Slddrw, Sldasm), STEP, Parasolid (x_t and x_b), IGES, DXF, DWG, PDF