

INSERT TOOLING

QFC Plastics offers customers a unique method of plastic injection molding that adds substantial value to your components and store fixtures without drastically increasing costs. We utilize “insert tooling” in existing mold bases to produce your custom POP display and store fixture.

This process gives our customers the ability to consider the quality of injection molding even when quantities are as low as 100 parts or as large as 150,000 parts. Our ability to be competitive in small quantities makes insert injection molding an excellent alternative to fabrication and vacuum forming.

More than simply adding value to your project, the most significant benefits of insert injection molding are lower tooling costs (you pay for only the inserts) and faster than standard tooling lead times.



At QFC Plastics, we have complete control of all manufacturing processes:

- In-house tooling design and build
- Injection molding of custom part designs
- Part decorating and hot stamping
- Other secondary operations, including assembly, store kit packing and drop shipping.



EXAMPLES OF OUR EXPERIENCE WITH CUSTOM COMPONENTS INCLUDE:

3-DIMENSIONAL COMPONENTS

- Signs
- Display headers
- Countertop displays
- Shelves
- Trays
- Slatwall shelves / shoe shelves
- Custom sign frames
- Pusher trays

STRUCTURAL COMPONENTS

- End Panels
- End caps for extrusions
- Display bases
- Support panels
- Brackets for sign holders
- Countertop display

Contact us today at 817-649-7400 for a price quote.

QFC Plastics, Inc. • p: 817.649.7400 • f: 817.649.7401 • info@qfcplastics.com • www.qfcplastics.com

INSERT TOOLING TECHNICAL INFORMATION + MOLDING SPECIFICATIONS

PART SIZE MAXIMUMS

- Maximum Length is 41"
- Maximum square inches is 600 square inches

PART COMPLEXITIES

- Part depth up to 3" deep (cored part)
- Require a minimum 5 degree draft
- We can mold in shut-offs, which can create tabs for graphics or to hold a cord, etc.
- We can also mold in slots, holes, tabs, and other details

GENERAL LEAD TIMES—All tooling, engineering, production and polishing are completed in-house.

Tooling: Normal lead time is 3-4 weeks. However, 1-2 weeks is feasible in certain instances.

Production: 2-3 weeks after approval of first shots from tool, varying with quantity and complexity.

TYPICAL MATERIALS

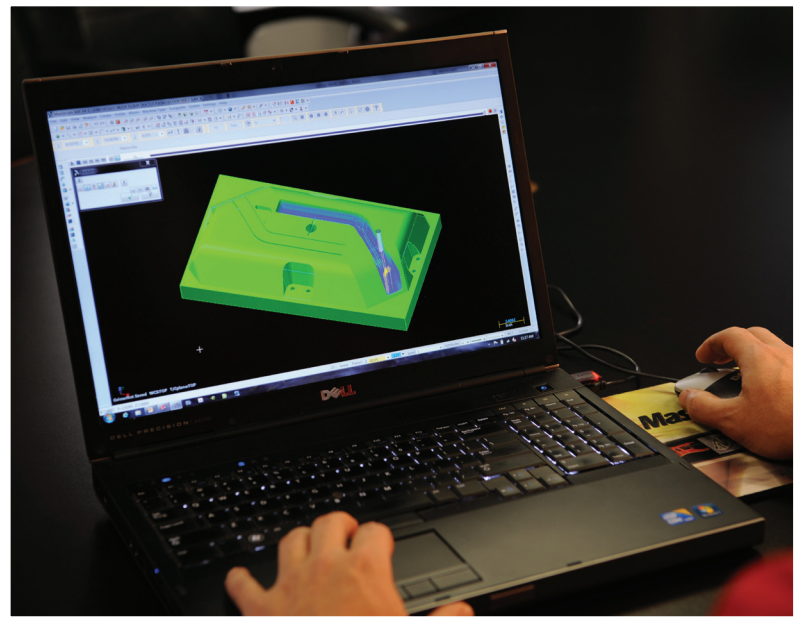
- MIPS
- HIPS
- GPS
- Acrylic
- ABS
- PP
- Acrylic Copolymers

ENGINEERING SOFTWARE

- SolidWorks
- Mastercam

PREFERRED FILE TYPES

- IGES
- Parasolid
- Step
- DXF
- DWG
- EPS
- AI



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