

Injection Molding

Aalmir plastic Industries is one of the leading regional custom plastic molders and contract suppliers for injection molding parts.

Our Injection engineering division specializes in part design and consultation, large part manufacturing, rapid prototyping and fabricating. With machines ranging from clamping forces of 85 tons to 1500 tons, Aalmir Plastic has the ideal press sizes to provide high quality, low cost solutions for any plastic molding requirements. As a result of our extensive experience in the design and manufacture of injection molded plastic parts, we are able to generate prototypes from customer concepts, formulate part and mold designs, produce drawings, generate machining instructions via a CAD/CAM system, and manufacture the complete mold. One of the main advantages of using Aalmir Plastic Industries is that we can then use the finished mold and make part runs here at our facility. No delivery or transfer of the finished mold is required. We can make prototype runs to perfect mold performance and then place the mold into an "around the clock" schedule to produce your finished parts.

Aalmir Plastic Industries offers a complete line of secondary and contract manufacturing capabilities. From simple assembly of mating components to complete turnkey assembly of finished product. Aalmir Plastic Industries can bring a wide variety of value added

services that can save you time and money. Injection Molding Capabilities:

- Capability to mold products in all types of engineering grade resins that require close-tolerance specifications and superior aesthetics.
- Utilizing the latest CAD software including Uni Graphics and AutoCad.
- Fully integrated hi-tech in-house Mold making facility for speedy development of any particular molding requirements.
- Experienced Engineering Department available for assistance with Complete Project Management, including design and maintenance of new or existing tools.

(Technical Molding and Eng Tools Co Ltd) Contract Manufacturing Capabilities:

• Pre-production modeling for product evaluation

• Custom packaging

• Complete or partial assembly of components

• Capability studies and complete project validation

• Ultrasonic Welding

• Hot Stamping

• Pad Printing

• Solvent Bonding

• Blister Packaging

• Static Elimination

• Product Testing

• Silk Screening, Painting & Powder coating