

Plastic Injection Parts Toilet Lid Seat Cover Mould

Product Description

INTRODUCTION

ABISMOLD has over 20years of Injection Molding Expertise. Especially in plastic mold manufacturing with our knowledge we can provide outstanding service to fulfill all your molded part requirements. Our Facility and technical ability will exceed your expectations on service, quality and value.

We currently have a wide variety of Molding equipment ranging from 50 to 360 tons for Plastic Injection Over Molding , including Horizontal& Vertical versions.

Our injection moulds and injection moulded plastic parts are widely used in Electronics, household appliances, medical devices, sporting goods, and promotion gifts fields.

OUR TOOLING DESIGN CAPABILITY

We are professional plastic mold and injection molding parts manufacturer. We can provide one-stop services for customer around the world. We have our own tooling design team from engineering, tooling, to custom injection molding.

1. Design for manufacturability and efficient production is our primary objective.
2. OEM is available according to the customers' drawing and 3D-data
3. We own advanced CAD/CAM/CAE systems to design the detail of the molds. Otherwise we have moldflow to simulate the feasibility of part and mold
4. We can provide the mold drawing with 5 working days for our customers. All the necessary technical drawings will be sent to customers for future mold maintenance references.
5. We have enough experience working with materials such as: PP, ABS, PC, PS, PMMA, POM, TPU, TPE and so on
6. We have our own mold design process. Showed as below

Mold Design Process

Phase 0/1

Quotation phase: Quoting Price based on customer's request and signing sales contract/stamping proforma invoice. Making the schedule

Input: customer's 3D data or 2D drawing, requirement of the product including material, color, reference of dimension and so on.

Output: exact quotation and BOM list for customers. Sign with customer sales contract or stamping proforma invoice.

Phase 2

Design phase: starting the construction of 3D mold

Input: UG or CATIA data from customer.

Output: 80% feasibility 3D data of mold

Phase 3

DFM phase: design for manufacture, sending customer the 3D/2D package of tooling for confirmation. Optimizing the mold data.

Input: PPT of DFM checking report.

Output: 100% complete 3D data of mold preparing for tooling manufacturing.

Phase 4-1

Manufacture phase: starting manufacturing after design approved by customer

Input: 3D data of mold

Output: 90% complete mold

Phase 4-2

FOT testing Phase: testing mold with noticing customer. Delivering the FOT part for approval. Doing the final polish or treatment for the mold after samples approved.

Input: 90% complete mold

Output: Optimized mold ready for SOP

Phase 5

Series production phase: Starting series production of products.

Output: Supply product for customer

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OUR TOOLING MANUFACTURE AND INJECTION CAPABILITY

Our tooling work is able to make all side molds with single cavity or multi cavities. With your product data, our engineer can provide you the feasible project with low price and high quality. Below shows our tooling capability:

1. Maximum mold size 2500mm*2000mm*1500mm
2. Maximum mold weight: 15 ton
3. The highest machining precision: 0.01mm
4. The highest injection precision: ± 0.03 mm
5. Experience of high precision molds and custom injection molding for healthcare and high-grade appearance parts
6. The yearly production capacity of molds is over 250 set
7. Delivery time for each mold is from 25-45 days, depending its complexity
8. We equip our own high precision CNC machines, EDMs, Wire cut machines, mirror EDM,

three-coordinates measuring machine to ensure the quality of both mold and injection parts