

ABS UAV fuselage part mold

Mold material	P20 steel, 718, 2738, H13, NAK80, 2344, 2343, S136, etc .
Mold type	Injection plastic mould
Product material	ABS,PA,PA66+GF,POM,PC,PP,PET,TPE,PVC,HDPE,etc
Standard	HASCO, DME, MISUMI, JIS, LKM, etc.
Mold tooling equipment	Lathe, Milling,Grinder,Drill,CNC,EDM,Wire cut machine,Punch machine
Maximum mould size	1500*1500 mm
Gate	Side Gate, Sub Gate, Direct Gate, Hook Gate, Pin Point Gate, etc.
Cavity	Single or Multi cavities
Mold Life45#:	300,000 to 500,000 shots
P20:	600,000 shots
718:	800,000shots
Lead time	About 3-4 weeks
Package	Wooden packing box or as customer's requirements

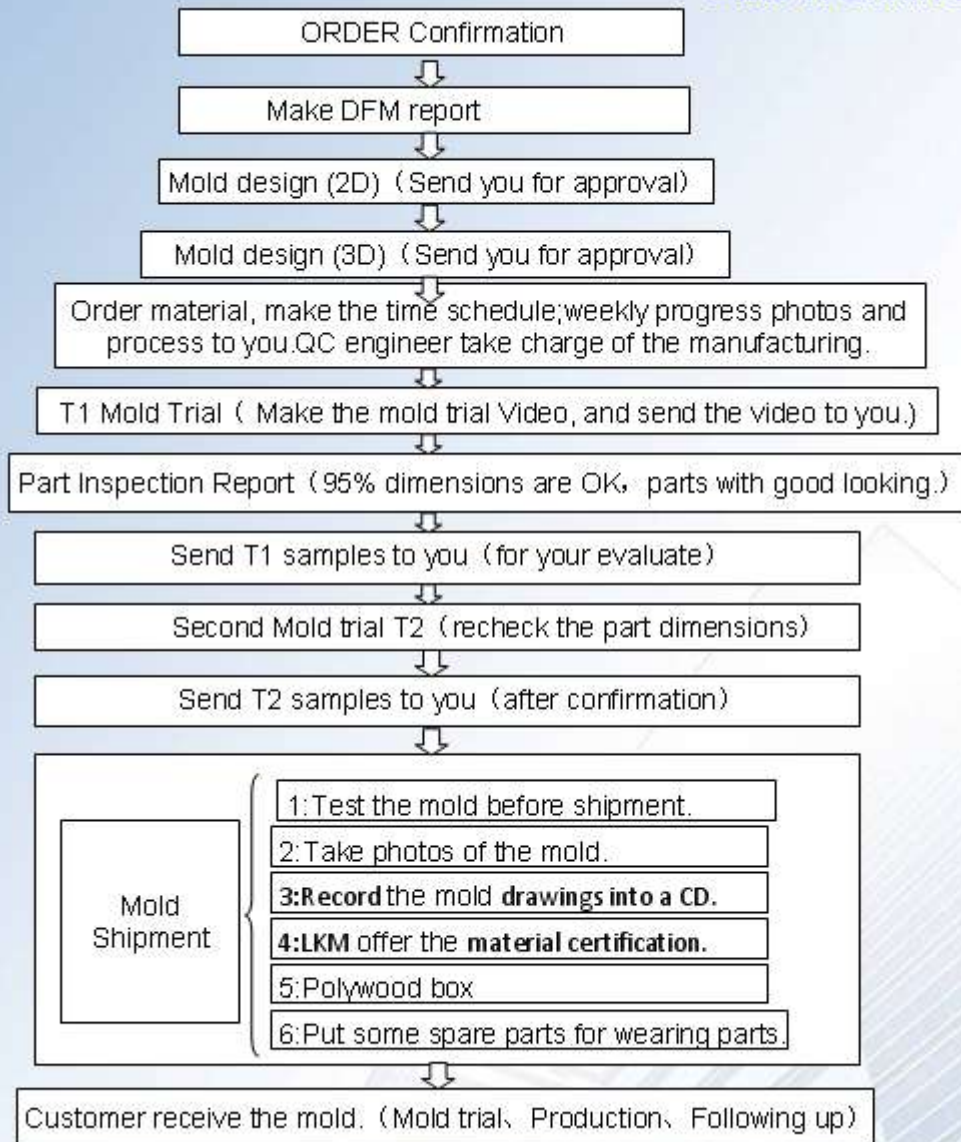






ABIS Mold order process:

ABIS WORKING PROCESS



Know more about ABIS Tooling & Moulding

ABIS was founded in Shenzhen China, adjacent to Hong Kong, in 1996, has its own factory of 12,000 square meters. With the advanced facilities from Germany, Swiss and Japan, and a highly experienced design and engineering team, ABIS builds multi-cavity molds to exacting tolerances, providing the critical structural foundation for leading manufacturing companies to produce high precision mold.

Servicing various markets including Automotive & Aviation, Household & Industrial, Electronics & Telecommunications, Medical & Healthcare, OA equipment, Consumer Packaging, Personal care, and Sports, ABIS helps clients optimize productivity and minimize manufacturing costs, strengthening the ability of OEM to compete effectively on a global basis.



Equipment list

NAME OF MACHINE	BRAND	Q'TY	PL
CNC	DMG	1	G
CNC	YCM-FP66A	2	Ta
EDM AQ35L	SODICK	3	Ja
EDM	CHARMILLES-35P	2	Sw
EDM	TAIWAN NUMERIC CONTROL	6	Ta
digital display milling machine	YINGSHUN	8	Ta
digital display grinding machine	SUHRE	8	Ta
Injection molding machine	JIANDA	8	Ch
Injection molding machine	HAITIAN	11	Ch
Injection molding machine	FANUC	1	Ja
Computer	HAIER, SAUSUNG	15	Ch
JD12-300 digital display projection apparatus	Projector	1	Ch
3 Dimension Coordinate	DABAO	1	Ta
Wire cutting machine	QIGNYUAN	4	Sh
Wire EDM AQ327L	SODICK	2	Ja



Something about Customized mold

1. Detailed description of Custom Plastic Mould:

Cavity/Core Material	718H,P20,NAK80,2316,2738,DIN2344,H13 and available
Product Material	ABS,PC,PP,PVC,POM,PMMA,PS,PE,PET,RUBBER Silicone,PA,PBT,PEI,etc
Base	LKM or by requested
Structure	Double Color injection mold,Solid Mold,Insert Mold,Mold with Slide,Mold with Lifter
Runner System	Hot runner,Cold runner
Cavity	Single cavity,multi cavity by requested

Finish	Corrosion word,Mirror finish,Brushed
Mold standard	HASCO,DME,MISUMI, or by requested etc
Software	STEP and X-T,UG,pro-E
Tolerance	+0.05mm
Design time	5-7 day
Sample time	1 week
Production time	3-5 weeks,depends on mold structure
Main technique	Milling,Grinding,EDM,Wire-cutting,Engraving,CNC etc
Longevity	0.5-1 million shots
Packing	Wooden case,PE,or by requested

Some of Our products:





ABIS Mould packaging :



Mold Parking



ABIS
ABIS Tooling & Molding

OUR CERTIFICATE:





FAQ:

Q.What is the lead time of the mold?

A:Usually it will take about 4-5 weeks to finish the mold.

Q. I have a new project, but not sure if it can be manufactured. Can you help me?

A. Yes we always happy to work with you to make your idea come true.

Q. Can I make prototype before move to mold manufacture?

A. Yes, we can use your 3d drawings to make models for your evaluations.

Q:Will you charge us for the mould modify?

A: Mold modify is free of charge.

Q:How about the property for the mold?

A: THE TOOLS REMAIN THE PROPERTY OF you.

Q. What file format you can use of the drawings?

A. DWG, IGES, STP etc. which transferred from 3d software such as Solidworks etc.

Q. What material is best for my product?

A.Material usage depends on the part and what its function.We are happy to discuss the alternative options and suggest alternative materials.

Q. What type of mold do I need?

A. Molds include plastic injection mold,silicon mold,vacuum forming mold,die casting mold and punch mold.We will provide the right solutions to you.

Q. I've decided to go ahead with my project. How long will it take to get my parts finished?

A. It takes about 4 weeks to have the mold finished. After we received your confirm, we can go ahead the project.