



**KAYOU**

# Introduction to Kayou Mold Manufacture



KAYOU was founded in 2002, and is located in ShenZhen, China, have mold making and injection moulding workshop, with +6000sqm of factory space and over +300 employees, we are professional in the manufacturing of precision plastic injection moulds and double colour, precision mould for Nikon and CITIZEN. Bigger mould for Subaru, BMW and TOYOTA, so...

# Infrastructure

We have precision machines from Japan, Taiwan, Mirror EDM, Wire cutting from Mitsubishi, high speed CNC、normal CNC and EDM from TaiWang, We can ensure the tolerance within +/-0.01mm. Mould from very small gear to bigger Automobile bumper.





## Quality Departments & quality control

- Projectors
- microscopes
- 3D 2D
- We checked every insert , copper electrode
- We checked dimension for each samples.

# Our Amazing Services



Engineering



Injection Moulding



Lathe Machining



Mould Making



Prototyping



Oem





# Mold Making Services



## Mould base & Steel

- HASCO DME LKM
- NAK80
- S136
- 718H 738H
- SKD61
- DC51

## Applications

- Automotive
- Household appliance
- Medical
- Electronic Devices
- Commercial Products
- Consumer Products

## The Guarantee

- Hot runner 5 years
- Mould 300k-1kk



# Injection Moulding

## Process

### Plastic injection molding:

Over 18 year of experience and modernly equipped machines with clamping force from 50 to 350 tons provide the manufacture of articles weighing from a few grams to several kilograms with different design solutions for automotive industry and products of mass

### Shot Capacity:

from less than a gram, up to 41 ounces per cycle.

### Custom Colors:

custom plastic parts according to your specifications.

Double colour

## Materials

- ABS
- PC
- ABS+PC
- PP
- Nylon
- Nylon – Glass Fill
- Polycarbonates
- Polyethylenes



## Applications

- Automotive
- Household appliance
- Medical
- Electronic Devices
- Commercial Products
- Consumer Products





# Injection Moulding Services

## Plastic Material

- LG Ge Buyer Markrolon CHIMEI
- ABS
- PC
- PP
- TPE TPU TPR
- PA6 PA66 +GF
- POM
- PEEK

## Applications

- Automotive
- Household appliance
- Medical
- Electronic Devices
- Commercial Products
- Consumer Products
- Office furniture

## Injection machines

- 1600T 1 Set
- 1200T 1 Set
- 800T 2 Set
- 600T 2 Set
- 470T 4 Set
- 350T 4 Set
- 120-200 T 10 Set





# Design for Manufacture



## Process

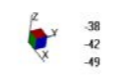
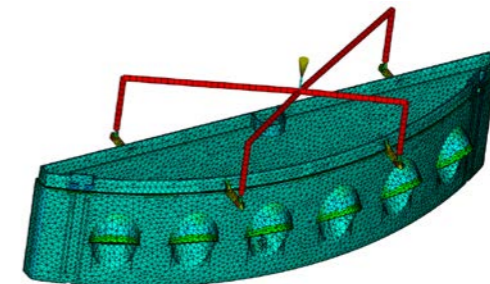
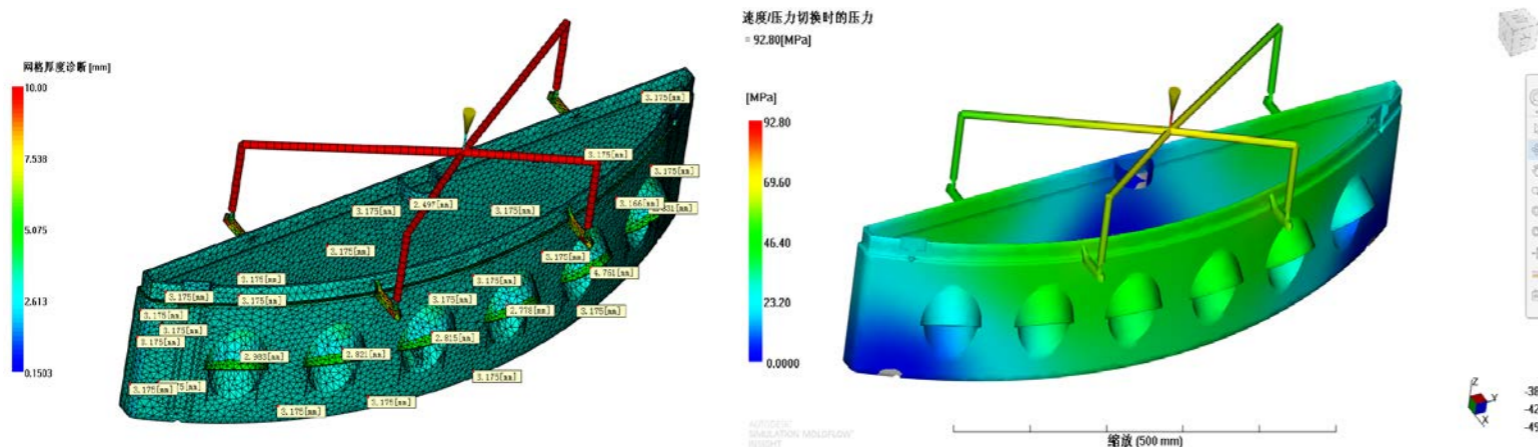
(DFM) is the general engineering art of designing products in such a way that they are easy to manufacture

## Applications

- Automotive
- Household appliance
- Medical
- Electronic Devices
- Commercial Products
- Consumer Products

## Advantages

Many years of work experience on international and domestic projects, connections with institutions and partners in the region and using of a range of different software solutions rank us among the top offers of engineering services. The engineering team of experts is able to quickly respond to all the demands of the market which are set in front of them, and even the creation of new directions, requirements and higher standards



# OEM

## “One stop” service



### Process

Able has a wide range of mould making and injection moulding ,package processing and assembly services, allowing us to provide one stop manufacturing service, from product idea to the final product, including: product design, mould building ,injection mulding ,assembly with packaging, final testing, export to customer factory.

### Applications

- Plastic Injection Mold building Services
- Plastic Injection Molding Services
- Assembly services
- Testing services
- Packaging Services
- Freight Services



### Packages





# Tools & Machining

- CNC Machines
- Milling Machines
- EDM Mirror Machines
- JAPAN Wire cutting Machines
- 80-350T Injection Mold Machines

# Experience & Workflow



Kayou works with AutoCAD, Pro-e, Unigraphics and Solidworks drawings, or even ideas you've developed in the "cocktail napkin" stage. Kayou plastic mold manufacture can also reverse engineer your products and plastic mold. Just send us your product samples and we can easily create new drawings for the molds and the products. Products and molds will always be designed to the specifications of the customer.



# Quality Assurance

- Mould Flow Analysis
- Dimension check
- Certified



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# Our Work





# Our Work & Clients



CITIZEN

GREE 格力



Canon



# Our Work





# Equipment list

## EQUIPMENT LIST

### MOULD MANUFACTURE MACHINES

EQUIPMENT NAME	Specification	Quantity (set)	Brand
HIGH SPEED CNC	0.85M /0.6 M	4	Germany , TaiWan
NORMAL CNC	3M /1.5M /1M	8	Germany
MIRROR EMD	650 / 350	4	Switzerland
EMD	260 / 650 / 430	7	TaiWan
MILLER		6	TaiWan
GRINDING		6	TaiWan
FITING MACHINE	500T / 100T	2	TaiWan
INSPECTION EQUIPMENT	1.5*0.7m / 0.6*0.5m	2	Japan


### PLASTIC INJECTION MACHINE

INJECTION MACHINE	600T / 470T / 350 / 200 T	3 / 2 / 2 / 3	Haitian
INJECTION MACHINE	160T / 120T / 100T / 80 T	3 / 2 / 3 / 1	Haitian

# Why Kayou?



Kayou acts as your injection mould making and plastics moulding solution provider in China, Offer you "one-stop" OEM service for your project from mould making ,moulding parts production , printing , assemble and package service with timely delivery and less expensive. Kayou provides custom plastic molding and plastic mould for the electronic, medical, automotive, construction, machinery and consumer appliance industry.



# Thank You



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