# VCU injection moulding









# Company profile

Since it was founded in 2019 Nov., VCU has been adhering to the "customer first, quality - based" business philosophy, and continuously providing customers with high quality molds and products. VCU is locatd in Binh Duong Province, Vietnam, which covers an area about 9200 square meters and have more than 200 employs. We have a flexible and efficient technology team and a number of advanced injection equipment.

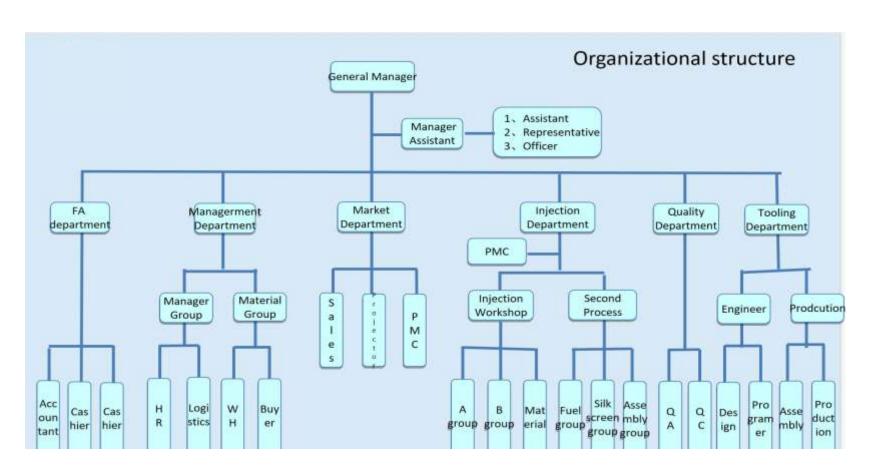


VCU is a comprehensive R & D and processing enterprise. We provide a onestop servicefor product analysis, mold design, mold manufacturing, and injection processing +product assembly. We can help you from the initial design concept of the project to the delivery of the market in the fastest time which with the high quality and efficient completion. VCU specializes in auto parts, electric parts, daily consumer goods, household appliances, computer peripheral equipment and communication products.

VCU has passed the ISO9001 and ISO14000 system certification, and realized the ERP production management.



## Organizational structure



Note: The organizational structure chart shows the linear functional system. The linear leading agencies and personnehave certain decision-making power and command power of their subordinates within their responsibilities, and takefull responsibility for the work of their own departments. The functional organizations and personnel are the staffs of the line commanders. and they cannot give orders to the line departments, but can only give business guidance. Unifiedeadership, hierarchical management, give play to the role of professional organizations.





### What we can do

VCU Since its established, has been dedicated to the development of automobile, household appliances, aviation electronic injection mold, especially auto / electric parts which we have the most experience, and have rich experience in the export mode making. We have a professional mold manufacturing team which can fast, accurate and relentless to output with the best quality for customers.

### --Auto / Electric Part (60%):

In the past, auto / electric part occupies 60% share in VCU factory. Auto / electric part is the most familiar mold type for us. Due of the rich experience, we are confident that we can make high quality requirement quickly and accurately.

### --Life household appliance Part (30%):

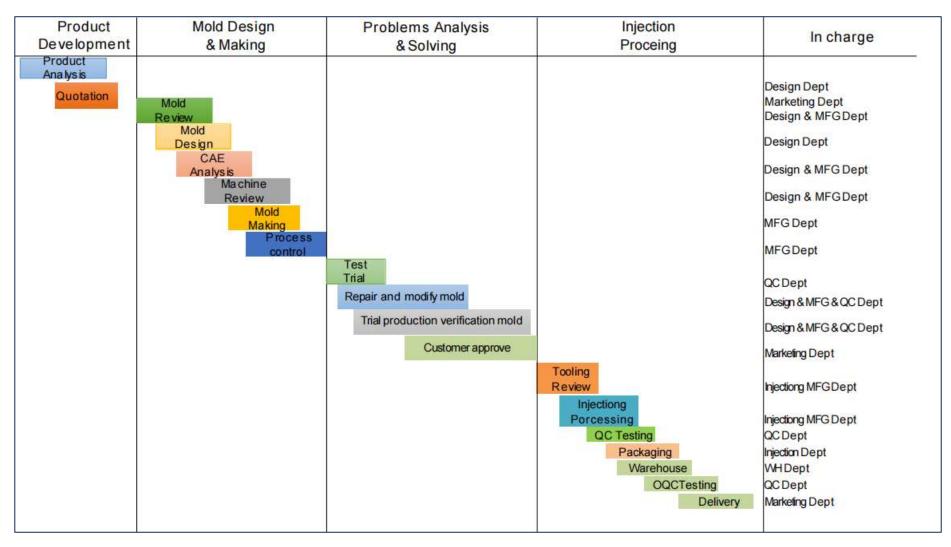
In the past, household appliances part occupies 30% share in VCU factory. There are a lot of home appliance products around us and big market demands. Our company is developing this kind of businese and have hired more professional technical people which in order to meet the market demand, and to ensure we can meet the needs of the high quality requirement with customers.

### --Injection mould with blow molding Part (10%):

In the past, injection and blow molding part occupies 10% share in VCU factory. We also have rich experience in this type of part and master the core technology on that. We have successfully overcome the twenty-four cavity mould manufacturing. We constantly improve ourselves and climbing toward higher peaks.



# Flow chart





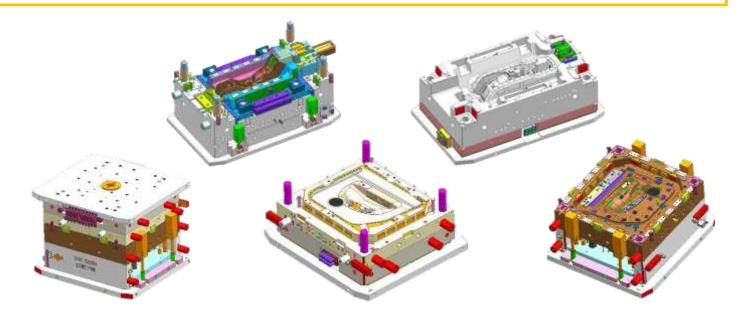


# Mold design

VCU engineering team provide a one stop servie from product analysis, product optimization, mold analysis (including mold flow analysis), mold design, mold manufacturing, injection processing, product testing, product analysis and optimization. Inplement the concept of customer first, actively cooperate with customers, and support customers to optimize products with the fastest speed into the market.

### Soft wares used:

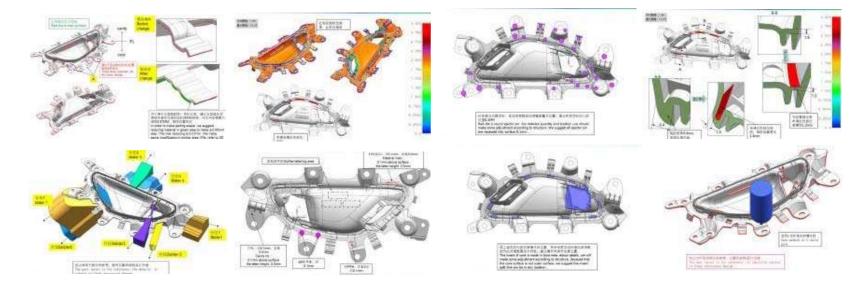
- Pro-Engineer
- UniGraphics
- Solid work
- Catia
- AutoCAD
- Plastic Part Advisor(Mold flow)

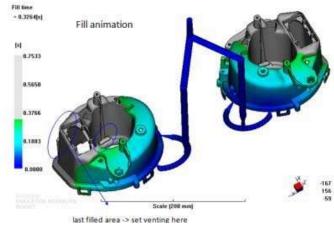




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The opening mold analysis report is mainly for analyzing the product problem and putting forward the optimization suggestion, evaluating the risk of part, optimizing the design plan of the mold, to make the mutual agreement between the two sides.





Model flow analysis, this process is mainly to analyze the injection molding performance of the product and select the optimal design scheme.



# DFM and Mold-Flow Analysis











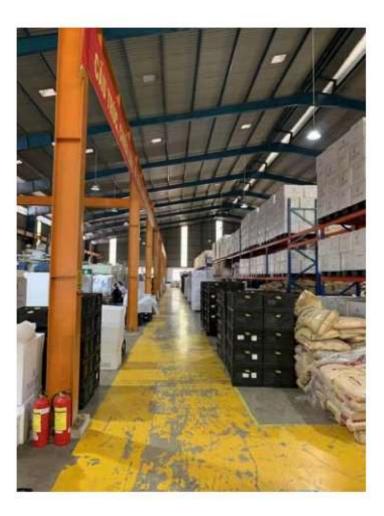


# Injection & WH Department Show















Material: ABS, PP, PE, PA, nylon等

Capacity:7000T annually

L/N -	Tone: -	Brand	
1	80T	CHEN SHONG	
2	80T	CHEN SHONG	
3	80T	CHEN SHONG	
4	320T	YIZUMI	
5	250T	GUOJI	
6	120T	HONGLI	
7	120T	ZENGDE	
8	120T	ZENGDE	
9	120T	SHIBITUO	
10	120T	SHIBITUO	
11	150T	SHIBITUO	
12	150T	SHIBITUO	
13	320T	SHIBITUO	
14	320T	SHIBITUO	
15	260T	CHEN SHONG	
16	200T	HAITIAN	
17	250T	HAITIAN	
18	200T	HAITIAN	
19	250T	HAITIAN	
20	250T	HAITIAN	
21	250T	HAITIAN	
22	530T	HAITIAN	
23	530T	HAITIAN	
24	90T	SHIBITUO	
25	200T	SHIBITUO	
26	90T	SHIBITUO	
27	90T	SHIBITUO	
28	120T	SHIBITUO	
29	120T	SHIBITUO	
30	480T	CHEN SHONG	
31	320T	CHEN SHONG	
32	320T	HAITIAN	
33	380T	HAITIAN	
34	90T	SHIBITUO	
35	160T	SHIBITUO	
36	480T	YIZUMI	

L/N	Toner	Brand	
37	650T	ZENGDE	
38	850T	ZENGDE	
39	480T	ZENGDE	
40	180T	ZENGDE	
41	180T	ZENGDE	
42	180T	ZENGDE	
43	90T	SHIBITUO	
44	90T	SHIBITUO	
45	130T	SHIBITUO	
46	130T	SHIBITUO	
47	130T	SHIBITUO	
48	130T	SHIBITUO	
49	160T	SHIBITUO	
50	160T	SHIBITUO	
51	160T	SHIBITUO	
52	200T	SHIBITUO	
53	200T	ZENGDE	
54	200T	ZENGDE	
55	400T	ZENGDE	
56	480T	ZENGDE	
57	320T	ZENGDE	
58	600T	ZENGDE	
59	90T	ZENGDE	
60	180T	ZENGDE	
61	400T	ZENGDE	
62	400T	ZENGDE	
63	160T	HAITIAN Double	
64	160T	HAITIAN Double	
65	200T	HAITIAN	
66	250T	HAITIAN	
67	200T	HAITIAN	
68	200T	HAITIAN	
69	200T	HAITIAN	
70	200T	HAITIAN	
71	500T	CHEN SHONG DOUBLE	
72	500T	CHEN SHONG DOUBLE	





### Test Machine

VCU have established an independent quality control department, full time quality control personnel, and equipped with advanced testing equipment, such as 3-D and 2-D test machines. In order to control the quality of each processing in production, which strictly according to the ISO9001: 2015 quality system requirements.

VCU quality system ensures that all the purchased materials are all according to the national standard, and at the same time meets the requirements with customers. To take abnormal inspection and analysis of the products are made in advance, and the necessary improvement plan is put forward to ensure the quality of each processing.











### MEASUREMENT\_LAB

Machine Name	Quantity	Remark
VMM	1	EXPLORER
CMM	1	SHIHANG
Color test	1	X-RITE
Color box	1	роно
High Gage	2	
Pin Gate	200 PCS	
etc		

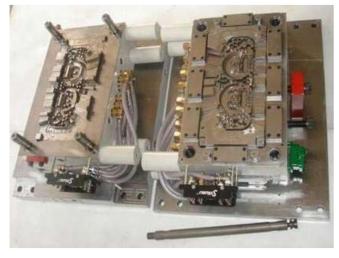


# Mold Show













# Products Show

















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