

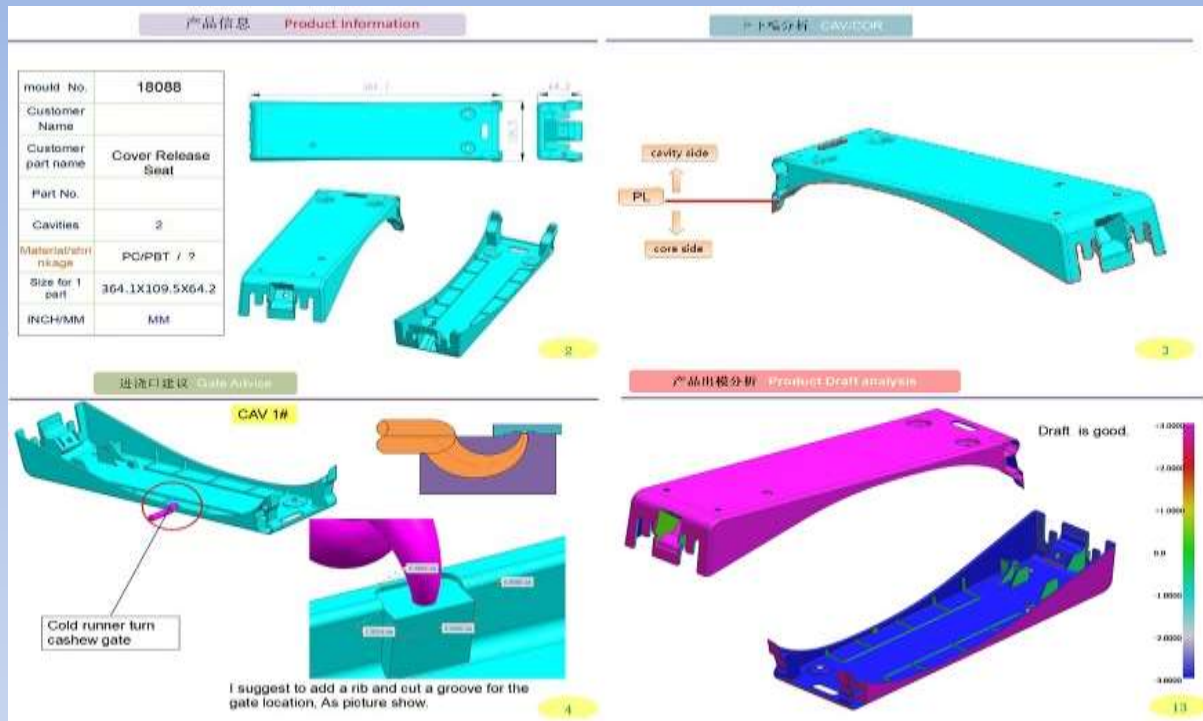


TeFeng Mold & Tooling Company Limited is providing

Mold Design ,
Advice &
Solution

Mold
Fabrication,
Management &
Quality Control

Injection Molding
Production
Management
System-MES

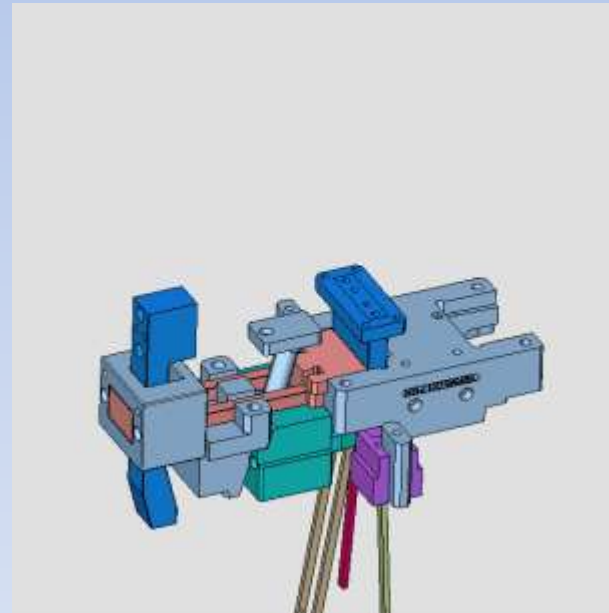
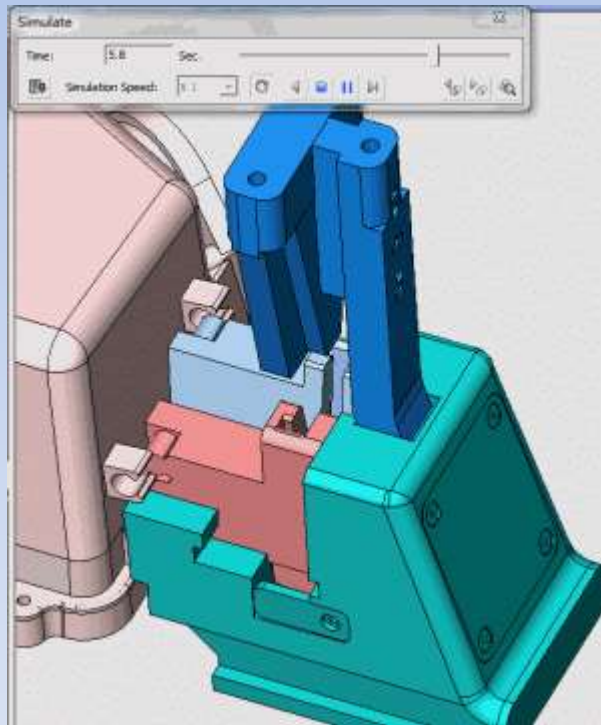


Mold Design, Advice & Solution

- *Mold design suggestion- based on customer request for products, experienced mold designers provide suggestions, develop a bill of material and estimate the price of mold.
- *Refer the mold flow analysis, design the injection system, determine the molding construction & cooling channel. Based on analysis result to determine the optimal injection cycle and other molding parameters.
- *Provide customer with complex mold design solution
- *Provide complete tooling investment advice for the project based on customer needs.
- *Consultant for mold design per customer requirement.

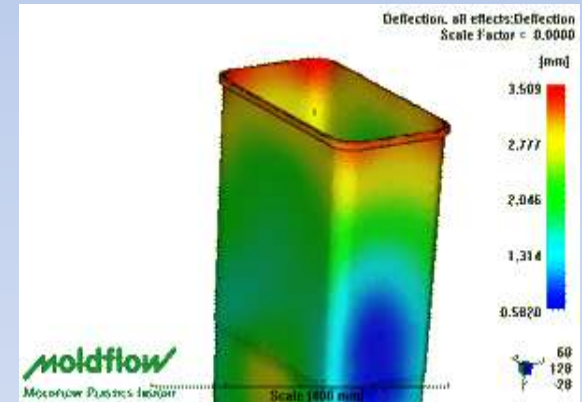
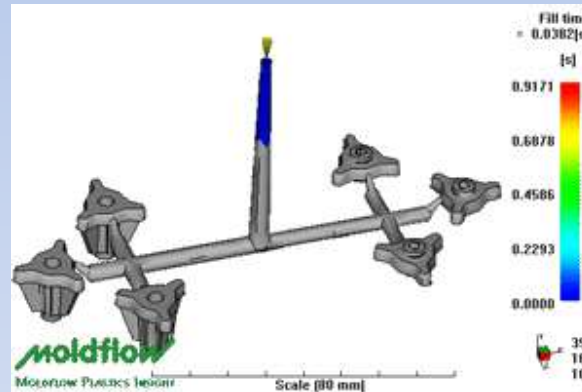
Mold Design - Simulation

Apply the engineering software to assist engineer to determine the mold mechanism do not has any interference.



Mold Design -- Mold Flow Simulation

Apply Mold Flow Analysis to simulate the read injection parameter. Found out the potential problem, determine the location of gate, water-line and related design.





Mold Fabrication, Management & Quality Control

- *Six weeks to T1 from design approval up to 2500 T
- *Fast delivery times, typically 6 weeks for even large complex tools
- *Full 3D mold assembly files
- *Detail bill of materials
- *Modern 5 axis CNC machining centres, CNC wire and sinker EDM machines
- *Experienced senior project managers who oversee each step of the process on a daily basis
- *Refined project management systems
- *Provide a detailed 1st article inspection report w/ measurements from a CMM per customer's requirement

Equipment 模具加工设备																							
CNC 加工中心			Wirecut 线切割			EDM 火花机			Ground 磨床			CMM 三次元			Projector 二次元投影			Mold trial machine/ Mold Spotting MC 试模设备/合模设备			Lathe 车床		
Brand 品牌	Specision 精度	Qty 数量	Brand 品牌	Specision 精度	Qty数量	Brand 品牌	Specision 精度	Qty数量	Brand 品牌	Specision 精度	Qty数量	Brand 品牌	Specision 精度	Qty数量	Brand 品牌	Specision 精度	Qty数量	Brand 品牌	Specision 精度	Qty 数量	Brand 品牌	Specision 精度	Qty 数量
Taiwan Quick Jet 5-axis High speed CNC AV-2516X	0.01	1	Datie 500	0.01	1	Shanghai Han Spark H180	0.01	2	建德630	0.002	1	SEREIN	0.002	1	JTVMS-4030T	0	1	LR 250 ton IOI controller precision injection machine		1	Gang Dong C6140D	0.01	1
Taiwan Kafo 2616	0.01	1	Datie 500	0.01	1	Shanghai Han Spark H130	0.01	1	建德618	0.002	1							HaiTin 120 ton IOI controller precision injection machine		1			
Taiwan Welle 216	0.01	1	泰州1800	0.02	1	Shanghai Han Spark H70	0.01	4	建德618	0.002	1												
YCM Supermax NXV 1020	0.01	1	泰州430	0.01	1	Topedm 430	0.01	1	建德618	0.002	1										Arburg 25 ton IOI controller Precision Injection Machine	2	
YCM Supermax NXV 1020	0.01	1																200T mold spotting M/C		1			
WinTop 1600	0.01	1																70T mold spotting M/C		1			
Win Top 1600	0.01	1																Other trial out will done by specialist trial out shop at the neighor					
Liyz 1200	0.01	1																					
Liyz 800	0.01	1																					
FANUC/x-dib	0.005	1																					
北京精雕 400	0.005	1																					
		11			4			8			4			1			1			6			1



Quality Control Equipment

Equipment List

Human resource 模房人数			Others 其他			
Design Engineer 设计工程师 & Project engineer 项目经理 目工程师	Manufacturing engineer 制造工程师	Others (operation) 其他 (行政)	Monthly capacity 月产能(套)	Mold size range 最大模具尺寸 (mm)	Special skill 特殊经验或专长	Found date 司成立年限
11	35	7	40	2200x1500mm		2009
Quality Control 质检人员				2 color overmolding		
3				complicated structure		
				Automobile - Side mirror		
				Automobile - Grill		
				Automobile - engine components, E/E connector & plugs		
				Household appliances - Mixer, coffer M/C, refrigerator, washing machine, dishwasher (white machine)		
14	35	7				

Update on :

2022/9/26

Manpower & other information

We make the mold for:-

VACUUM CLEANER (INDUSTRY)



DASHBOARD FOR GOLF CAR



We make the mold for:-

AIR FILTER FOR AUTOMOBILE



**INSIDE FRAME FOR SIDE
MIRROR (Plastic +fiberglass)**



We make the mold for:-

**OVERMOLDING PART
(Soft material)**



**OVERMOLDING PART
(Substrate)**



We make the molds for :-

**Overmolding handle for
power tools**



**Insert Mesh on exhaust pipe
for Automobile**



We make the mold for:-

Fan cover



Speaker cover (air escaped steel)



We make the molds for :-

Air intake manifold for automobile



We make the molds for:-

Air intake manifold top part



Air intake manifold middle part



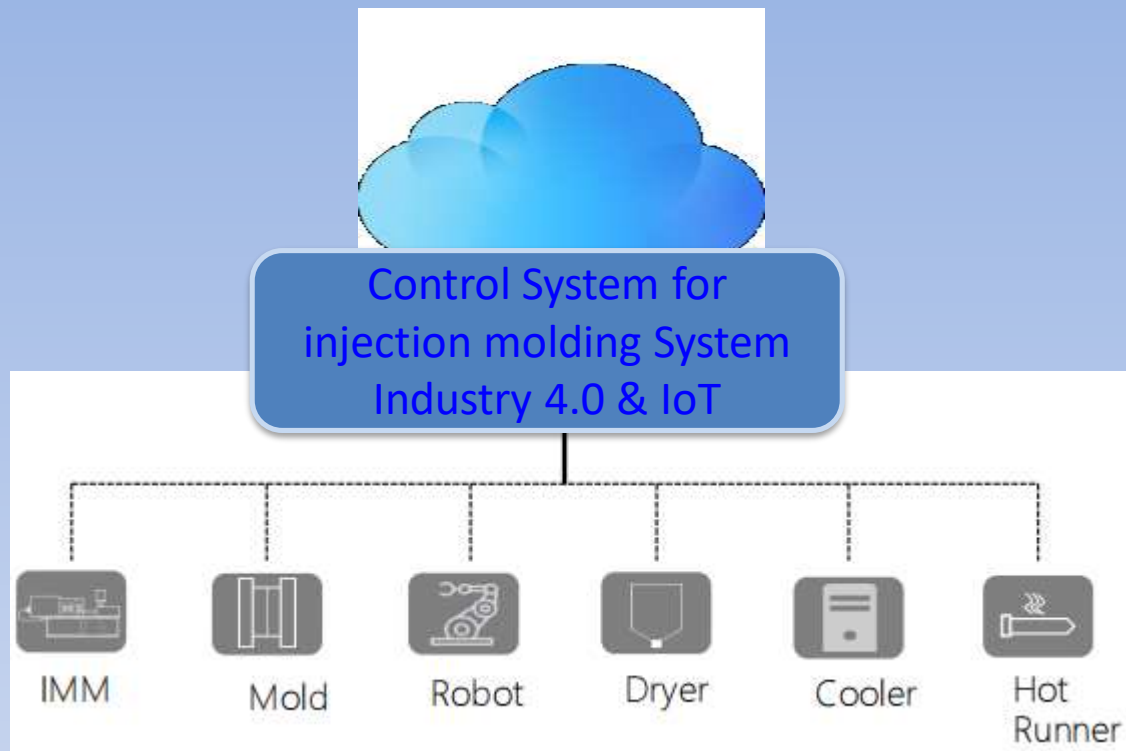
We make the diecasting molds for:-

Aluminum diecasting part for industry



Here are the diecasting tools we
made on before





Injection Molding Technology Manufacturing Execution System, (MES)-- iMark

- Control System for injection molding Production line
- Factory modeling
- Order management
- Process management
- Quality management
- Warehouse management
- Manpower management
- Manufacturing Statement
- Product process modeling
- Planning and Scheduling
- Andon System
- Quality management - Traceability
- Equipment maintenance - Mold / MC
- Human performance management

Contact:

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Thanks your time!



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