

Welcome to

K F MOLD LIMITED



Company Profile

- **K F Mold Ltd established in 1993.**
- **12,000 sq meter Manufacturing plant in DongGuan, GuangDong, China.**
- **Over 50 Engineers and 150 Technicians & Mold Makers.**
- **ISO9001 Certified for**
- **mold design and building**



Mission Statement

**To enhance the success of consumers'
product manufacturers by meeting
their tooling needs in terms of**

Quality, Price and Timeliness.

Product & Services

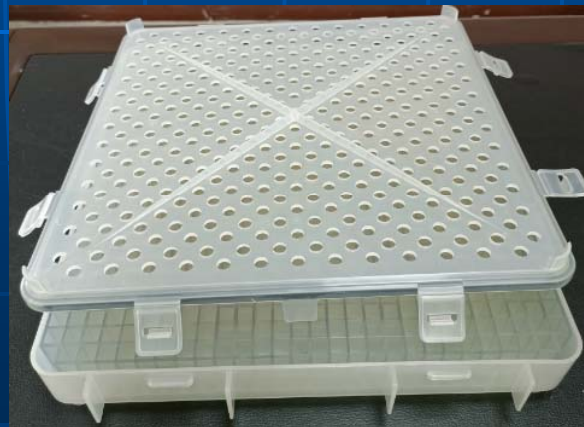
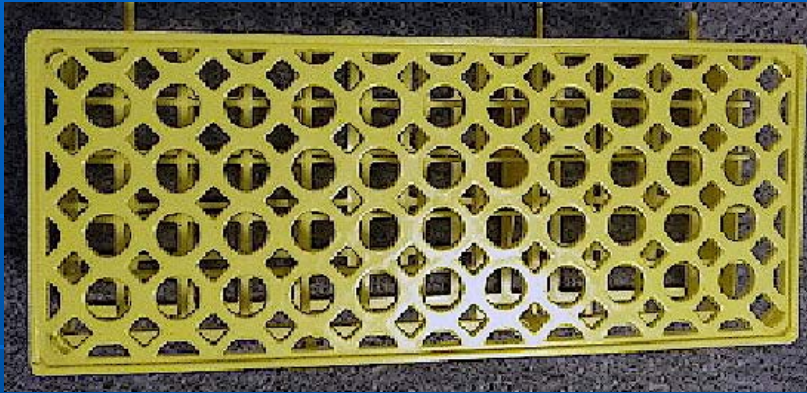
- Plastic Injection Mould
- Die Casting Mould
- Prototype Making
- Insert Molds (MUD)
- Injection & die-casting molding

FOR

- Automotive Parts
- Household Products
- Office Furniture
- Medical Equipment
- Aviation Products



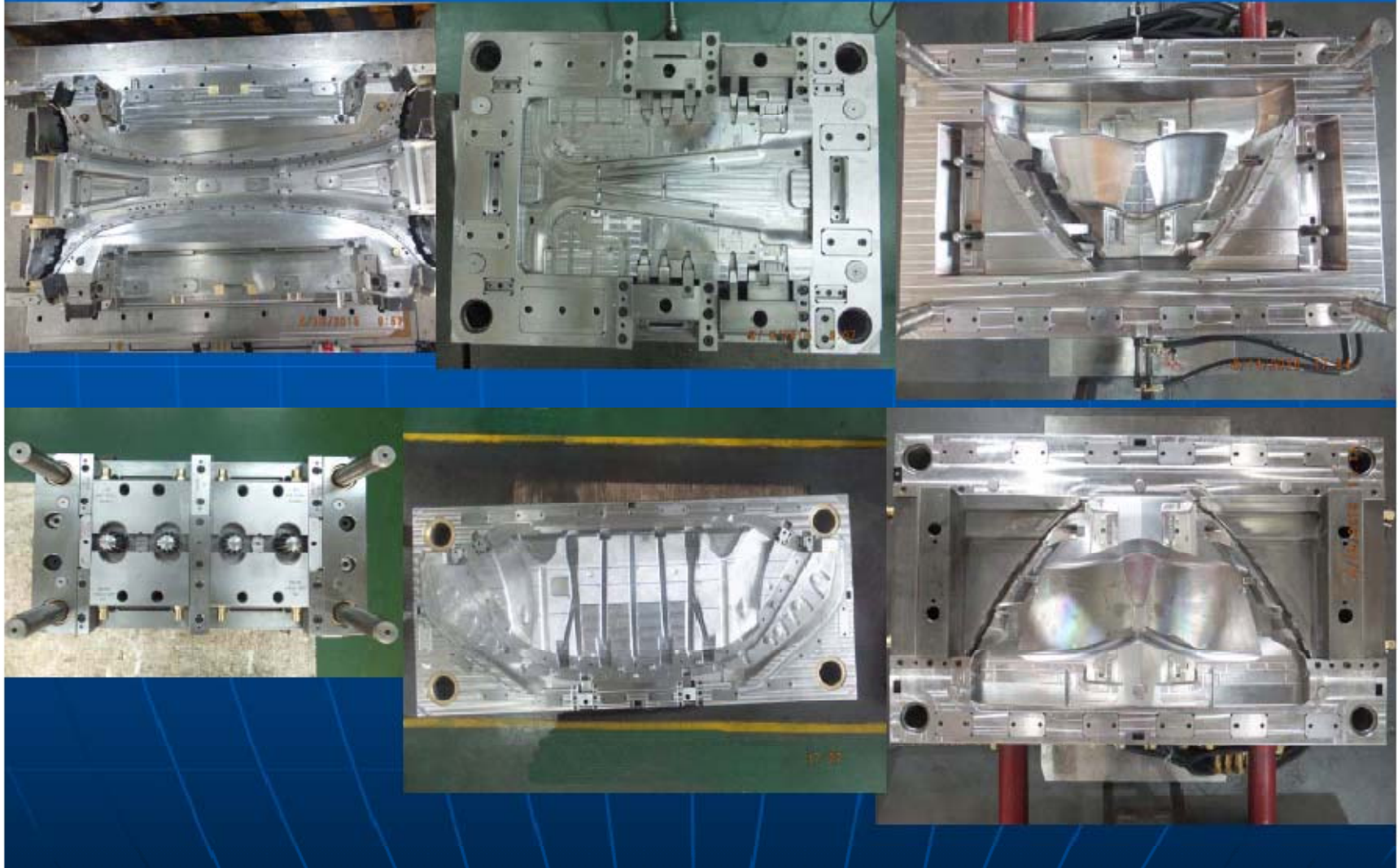
Medical Equipment parts



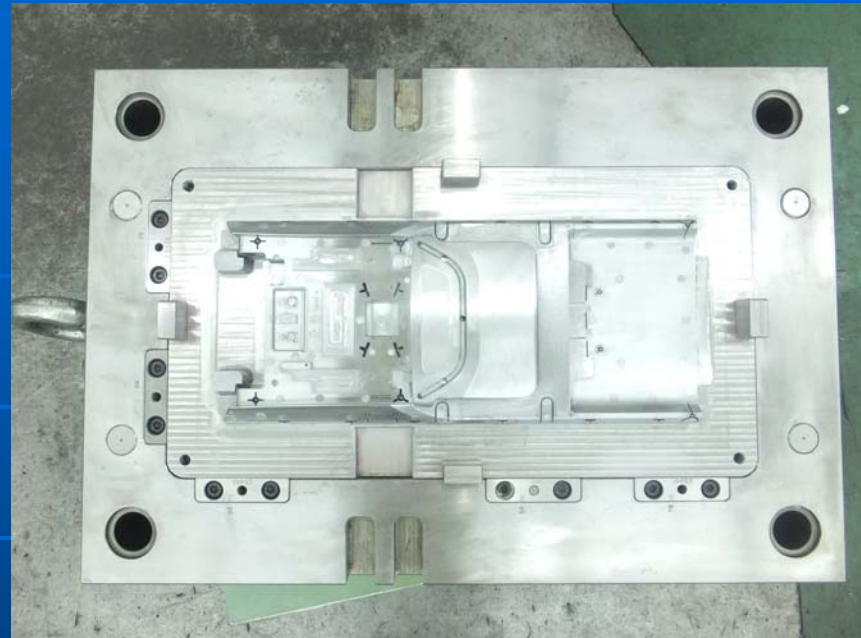
Injection tools



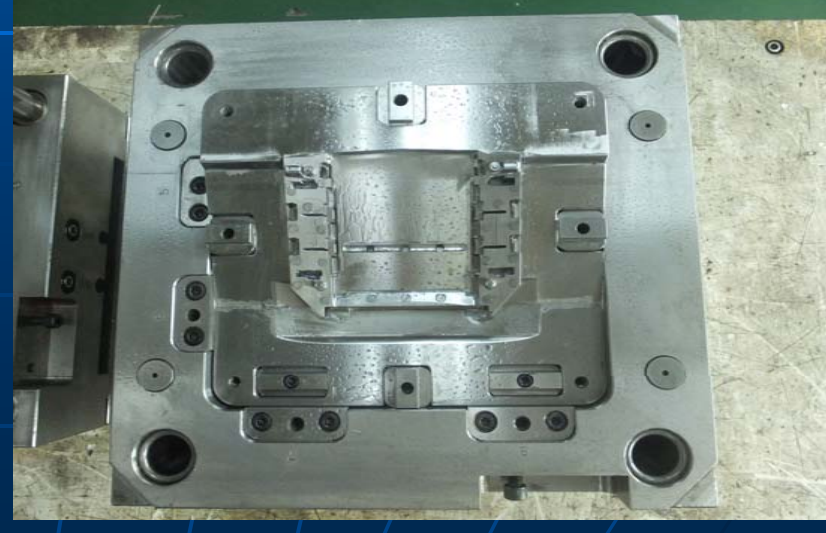
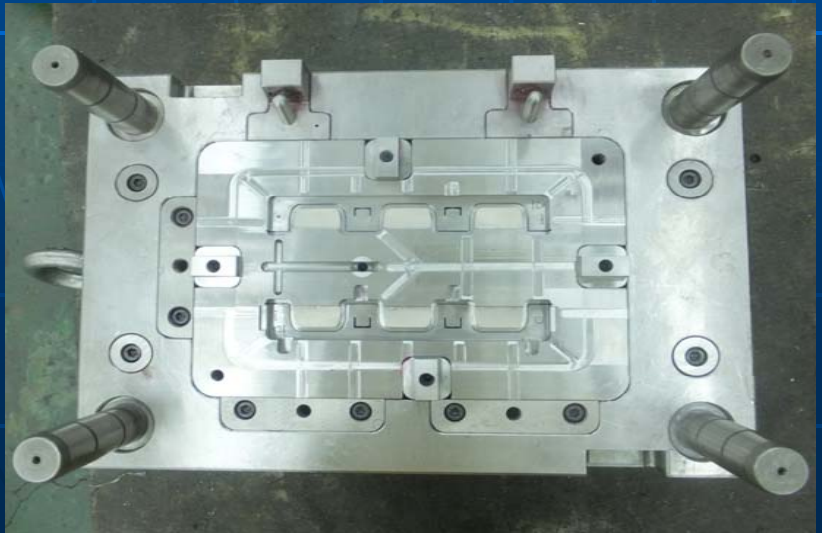
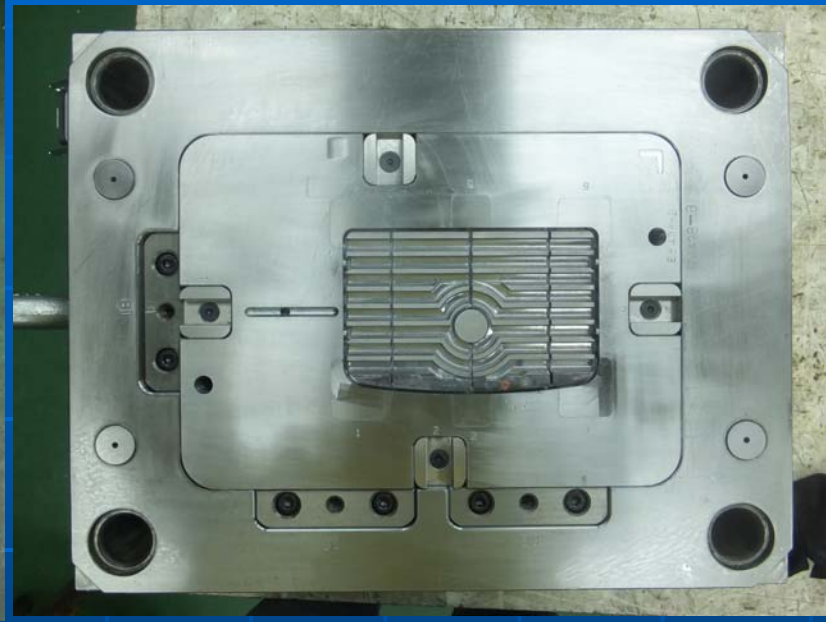
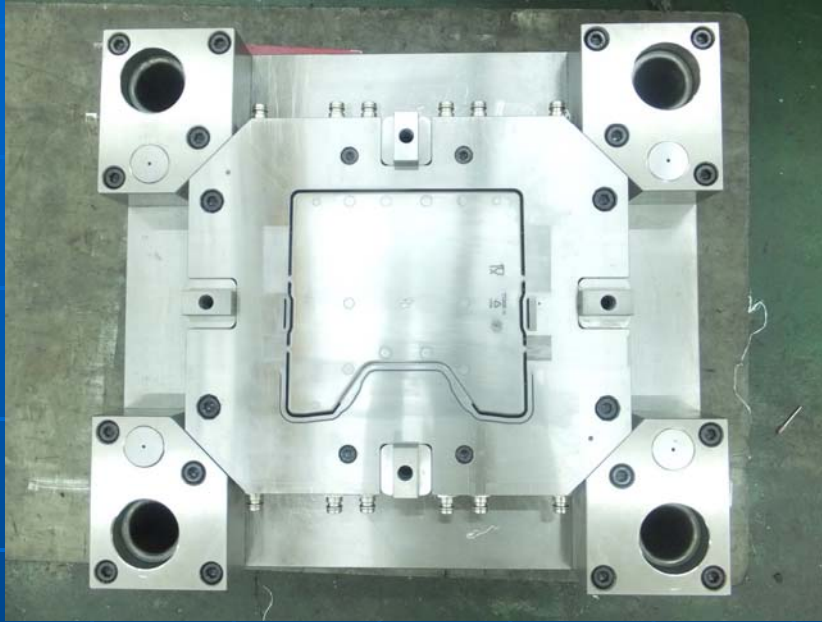
Injection Tools



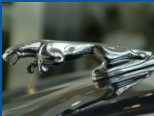
Coffee Machine Tools



Coffee Machine Tools



Automotive Industry Parts For

-  Rolls Royce
-  Mercedes-Benz
-  JAGUAR
-  FORD
-  LAND ROVER
-  BMW
-  VOLVO
-  GM
-  Honda

Household&Office Products For



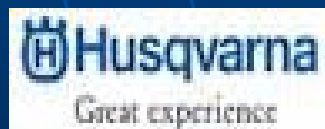
Nescafe



Whirlpool



Fiskars



Husquarna



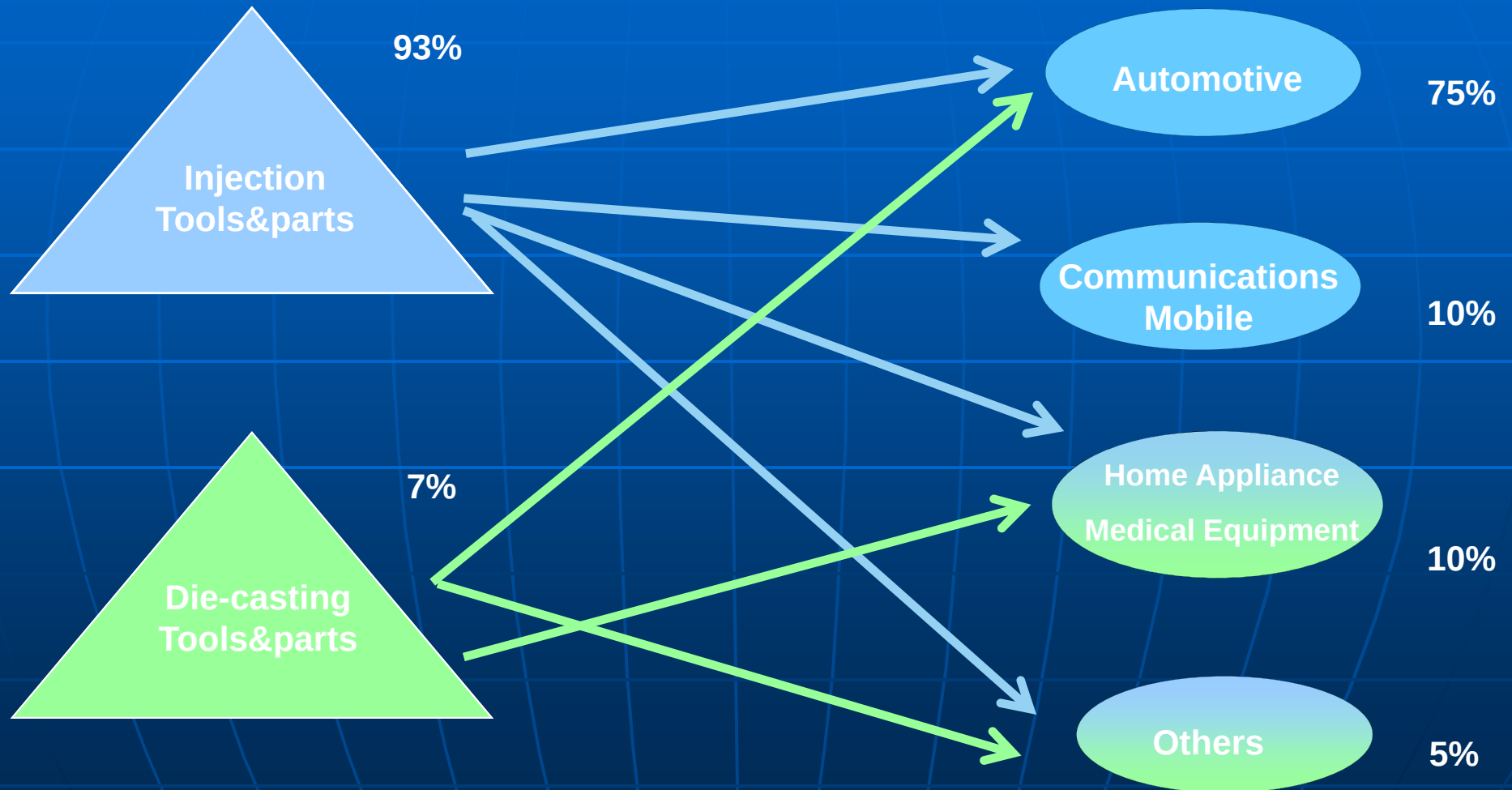
Panosonic



Segments and Markets

Segments

Markets



2023

What Make Us Different

Philosophy

- Customer-oriented
- Creative
- Cost-conscious

Core Competence

- Tool Building Factory is with top mold making equipments
- A variety of state of the art CAD/CAM/CAE software & hardware
- Provide innovative solutions for our clients
- A total tooling service provider

Software

SOFTWARE	VERSION
CAD Software – 3D Pro/ENGINEER, Pro/INTRALINK, Pro/MECHANICA UNIGRAPHICS SOLIDWORKS CATIA	Wildfire 4.0 NX 12.0 2012 V5-6 R2018
CAD Software – 2D AUTOCAD	2014
CAM Software CIMATRON MasterCAM Powermill	11.1 X13 2020
Analysis Software Moldflow Plastic Insight (MPI) Moldflow Plastic Advise (MPA)	7.1 R3 7.0

World Wide Material Base

■ Steel Insert & Moldbase

- THYSSEN ➤ BOHLER ➤ DIADO ➤ LKM ➤ Buderus
- ➤ ASSAB (Uddeholm) ➤ Schmiedewerke Gröditz GmbH

■ Hot Runner Systems

- ➤ YUDO ➤ Incoe ➤ DME ➤ Mold Master
- SYNVENTIVE ➤ HASCO ➤ HRS (Inglass)

■ Hydraulic Cylinders

- Miller ➤ Vega ➤ Parker ➤ AHP Merkle ➤ Taiyo

■ Texture

- ➤ Mold Tech ➤ VDI Texture ➤ Y S Texture, ➤ Gravutex

Mold Making Equipment

- **5 Axles Machining Center** (Germany)
Compact B-3222, DMU 125P, Compact-1625

- **Large Machining Center**

- Max moving size: 2.6mX3.2m

- **Horizontal Spotting machines**

- **EDM** (Agie Charmilles)

- **Wire EDM** (Agie Charmilles , Makino)

Deep Hole Boring Machine (7 axes)

Large Bedding Machine (320T)

Slow Speed wirecutter (Agie charmilles
CUT30 & FORM 3000 HP)



Molding Equipment

- **Double Injection**
- **molding machines**

Parallel double injection
Vertical double injection

Injection Machines

From 80Ton to 500Ton
&1250T

- **Aluminum Die-casting Molding**
- 200Ton and 550Ton



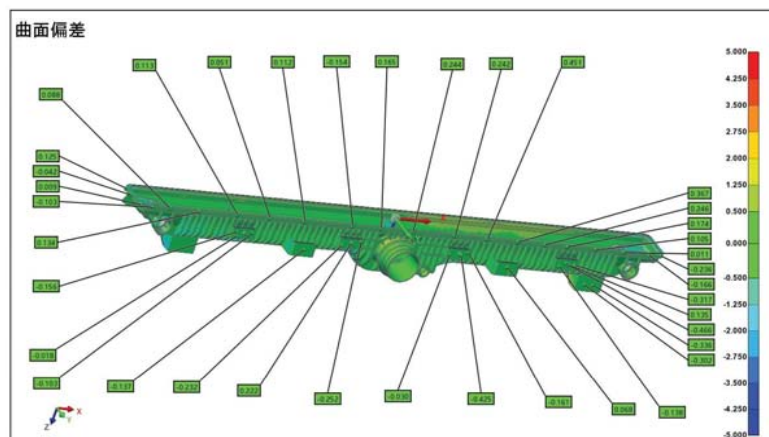
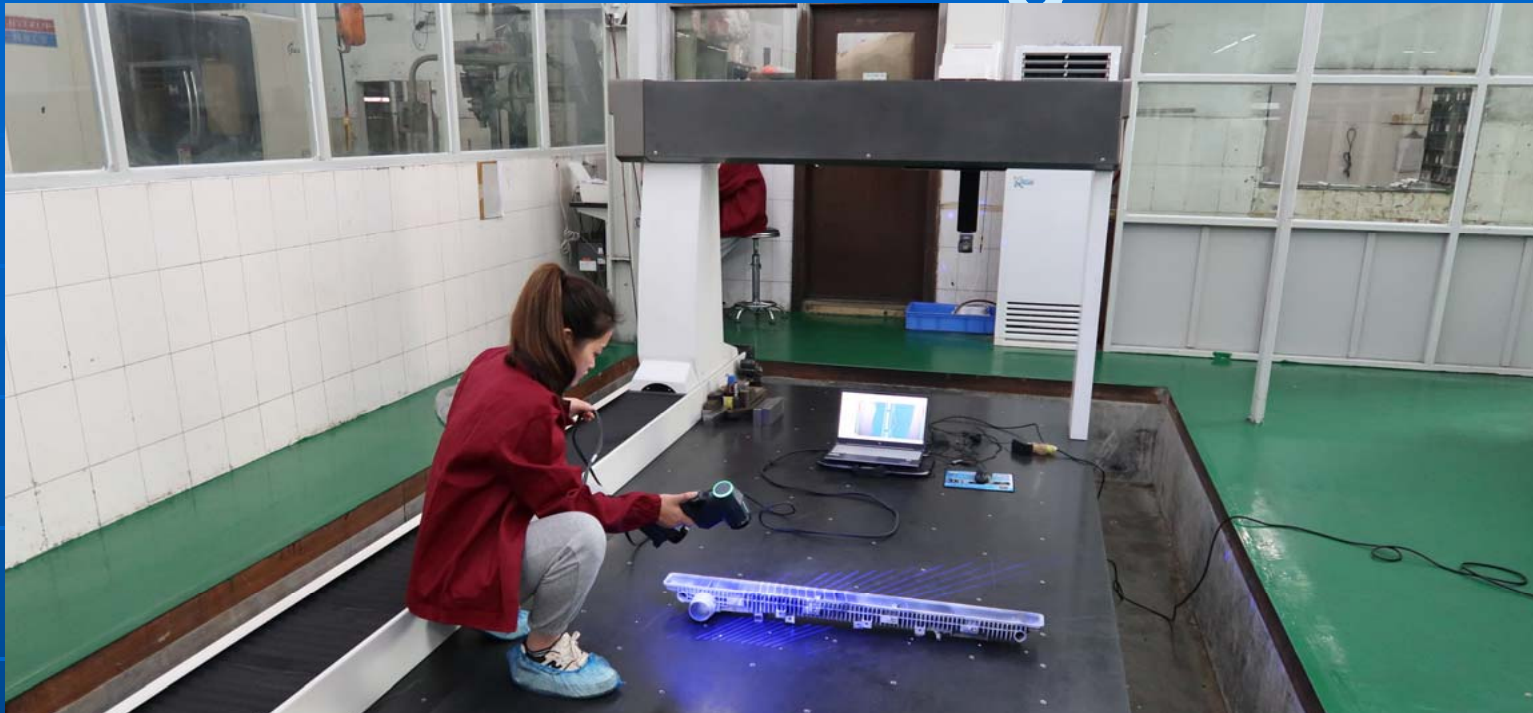
Quality Checking Equipment

3D Scanner--- RigelScan (HEXAGON)

- CMM
 - Projectors
 - Others:
 - (gauges, hardness Testers,
 - Callipers)
 - ISO 9001-2015
- 



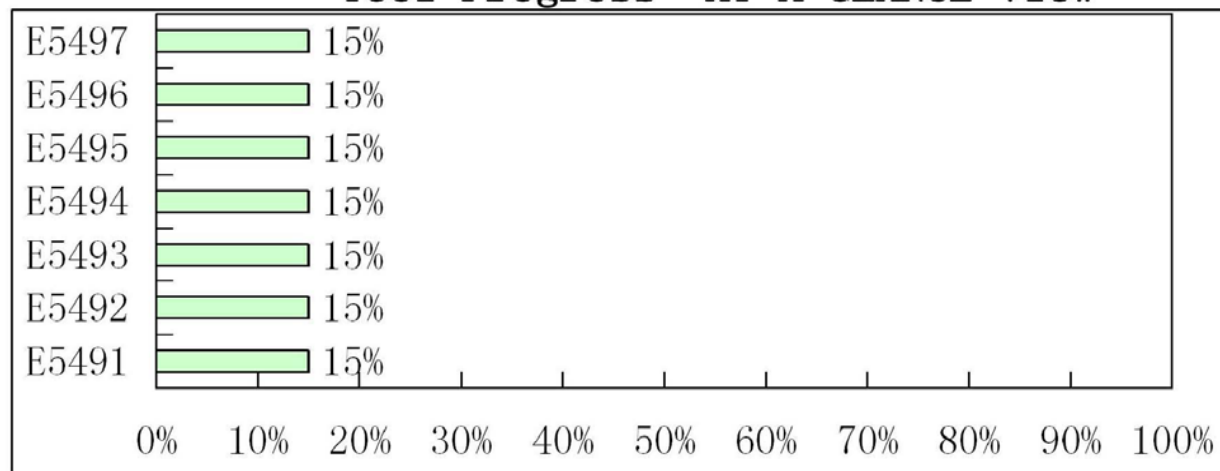
3D scanning



Weekly Tooling Progress Report

K F Mold Limited																	
Date 2013/**																	
Item	Part Number	Part Name	T1 Sample Date	Total Comp.	M. Design	Grinding	CNC	Electodes	EDM	Polish	Assembly	Sample	Pictures				
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
1	E5491	K-50002 Glamour Panel Main Body A840	2013/10/7	15%	100	0.00	0	0	0	0	0	0					
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
2	E5492	K-50007 Door Panel Main A620	2013/10/13	15%	100	0.00	0	0	0	0	0	0					
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
3	E5493	K-50008 Header Panel A620	2013/10/12	15%	100	0.00	0	0	0	0	0	0					
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
4	E5494	K-50010 Door Panel Back A620	2013/10/13	15%	100	0.00	0	0	0	0	0	0					
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
5	E5495	K-50076 Water Tank A620	2013/10/25	15%	100	0.00	0	0	0	0	0	0					
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
6	E5496	K-50077 Tank Top A620	2013/10/7	15%	100	0.00	0	0	0	0	0	0					
				100	15.00	20.00	20.00	5.00	15.00	5.00	15.00	5.00					
7	E5497	K-50181 Drip Tray A620	2013/10/7	15%	100	0.00	0	0	0	0	0	0					

Tool Progress "AT A GLANCE"view



Tool/Part Inspection Report

Page 3 of 3	AS9102 FAI: Characteristic Accountability, Verification and Compatibility Evaluation Continuation of Form 1	1e Control No. 20141104006
1a Part Number: F374162-507		Supplier: Western Tool & Die Co.

东莞市长安镇冠辉塑胶模具厂

Guan Hui Plastic Mold Factory-K F Mold Ltd

SAMPLE INSPECTION REPORT

样品检测记录表

2 Characteristic Accountability				3 Inspection / Test Results		
2a Char No *	2b Drawing Requirement	2c Zone	2d Class	3a Results (Variable Data)	3b Measurement Equip	
					FAI	Pro
27-2	0.23±0.03	A	4	0.2285	CP	
28-1	0.06±0.03	B	4	0.0590	PJ	
28-2	0.06±0.03	B	4	0.060	PJ	
29	0.21±0.03	B	3	0.2140	HG	
30	0.12±0.03	B	3	0.0930	HG	
31	1°±1/2°	B	4	1.34°	PJ	
32	0.06±0.03	B	2	0.0595	CP	
33	4.5°±1/2°	C	2	4.70°	PJ	
34	0.69±0.03	C	2	0.730	PJ	
35	0.06±0.03	C	2	0.0615	PJ	
36-1	3.75°±1/2°	C	1	3.81°	PJ	
36-2	3.75°±1/2°	C	1	3.84°	PJ	
37-1	0.04±0.03	C	1	0.037	PJ	
37-2	0.04±0.03	C	1	0.037	PJ	
38	R0.10±0.03	B	1	R0.100	R 规	

Note: Identify Key Characteristics (KC) With an Asterisk ()

CUSTOMER NAME 客户名称: CIR				PROJECT NO.: KFM905 项目编号: KJ111				DATE TEST 试模日期: 2014-6-5				COLOR 颜色: 透明				TEST NO. 试模次数 生产													
DWG NO. 图纸编号:				MATERIAL 试模材料: PC LEXAN Q022				DATE-MEASURING 检测日期: 2014-6-3				MOLD STATUS New新()																	
SAMPLE NAME 样品名称: MB5064				MEASURING TEMPERATURE RELATIVE HUMIDITY 检测时的温度 20 °C 相对湿度 60 %								MOLD STATUS Old旧()																	
AREA CODE 区号	ITEM NO 项次	DIMENSION 尺寸		TOLERANCE MAX MIN + -		INSTRUMENTS 仪器	EQUIPMENT NO. 仪器编号	ACTUAL DIMENSION 实际尺寸								JUDGEMENT 判定													
								CAV	CAV	CAV	CAV	CAV	CAV	CAV	CAV	CAV	CAV	✓	×										
	1	0.50	0.10	0.10		HG	KF-HG-Q02	0.60	0.54									✓											
	2	4.81	0.25	0.25		CP	KF-CP-Q08	4.88	4.87									✓											
	3	18.00	0.25	0.25		CP	KF-CP-Q08	18.21	18.17									✓											
	4	5.53	0.25	0.25		CP	KF-CP-Q08	5.56	5.57									✓											
	5	2.13	0.25	0.25		HG	KF-HG-Q02	2.05	2.03									✓											
	6	2.98	0.25	0.25		CP	KF-CP-Q08	2.96	2.95									✓											
	7	1.00	0.25	0.25		CP	KF-CP-Q08	0.91	0.95									✓											
	8	3.75	0.25	0.25		HG	KF-HG-Q02	3.84	3.81									✓											
	9	1.40	0.25	0.25		HG	KF-HG-Q02	1.36	1.41									✓											
	10	2.50	0.25	0.25		CP	KF-CP-Q08	2.52	2.50									✓											
	11	4.92	0.25	0.25		CP	KF-CP-Q08	4.95	4.94									✓											
	12	3.50	0.25	0.25		CP	KF-CP-Q08	3.44	3.45									✓											
	13	0.94	0.25	0.25		HG	KF-HG-Q02	0.89	0.89									✓											
	14	3.91	0.25	0.25		HG	KF-HG-Q02	3.90	3.88									✓											
	15	0.70	0.25	0.25		CP	KF-CP-Q08	0.69	0.68									✓											
Final Judgement 最终判定:																													
APPROVED BY 承认:		CHECKED BY 确认: 潘秀芳				MEASURED BY 测量: 黄桂妮				INSTRUMENTS CODE 仪器代码				CM: 三次元 cmm PJ: 投影仪 projector DT: 杠杆表 dial gauge				GB: 量块 gauge block PG: 量针 pin gauge HG: 高度仪 height gauge				MI: 千分尺 micrometer DI: 深度表 depth gauge EW: 电子秤 electric weigher				CF: 游标卡 vernier callipers TM: 工具显微镜 tool microscope TC: 真圆仪 true circle			

第一联: 品质部

第二联: 生产部

表格编号: KF-RD-QC-0014

Thank You

[Http://www.kfmold.com](http://www.kfmold.com)