

# SIMPLE

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**SIMPLE**

# 让一切更简单

## Make Things Simple

让一切更简单并非易事，我们的公司在业界深耕多年，拥有先进的技术和制造设备，以及经验丰富的团队，我们有信心能够成功完成这项任务。  
携手简单，乐享简单！

Making things simple is not easy, but we are confident to make it by a dedicated team with over 20 years accumulated experience and advanced manufacturing equipments.  
Work with Simple, to enjoy simple.

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尊重  
Respect

责任  
Responsibility

感恩  
Return

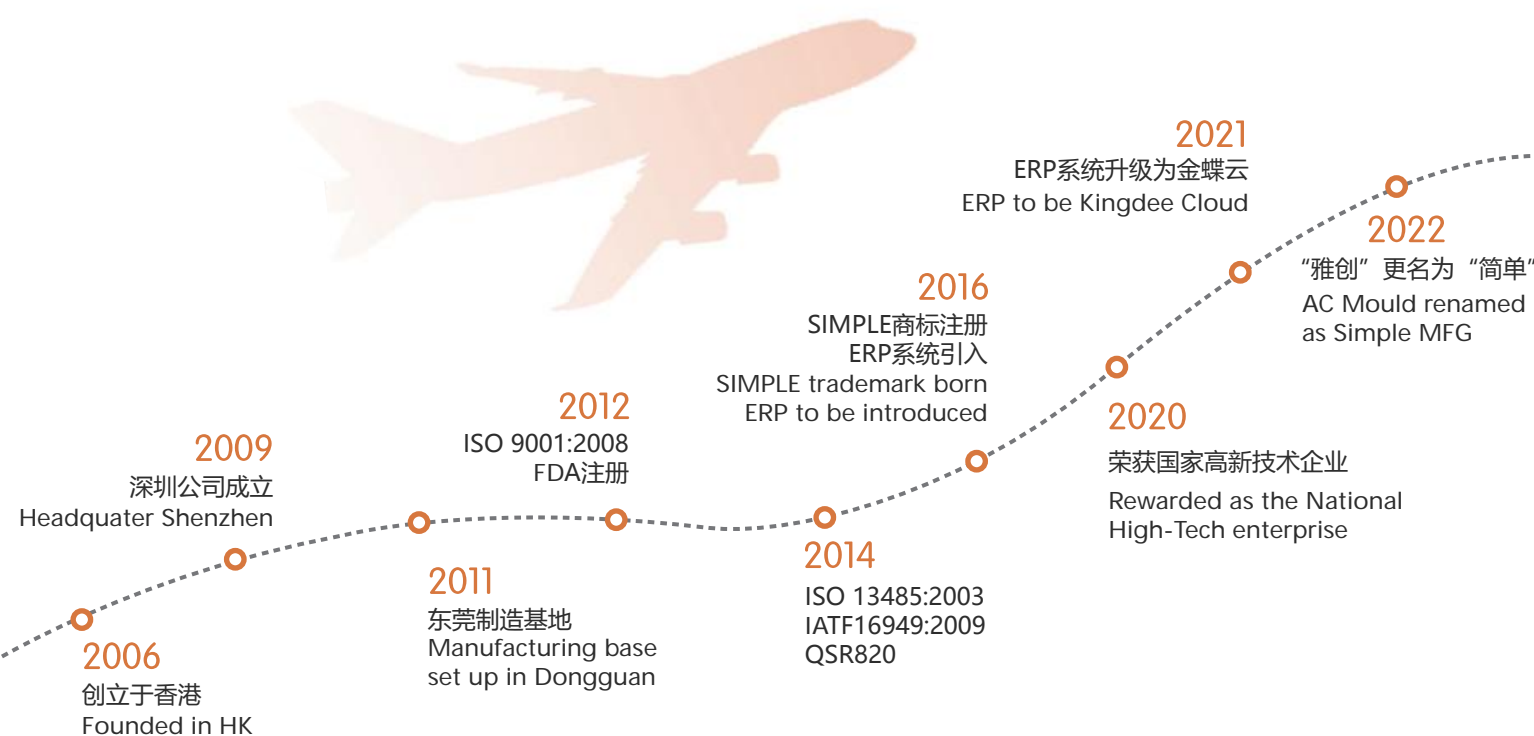
## 关于我们 ABOUT US

我们的目标很简单：让制造更简单！

Our goal is simple: Make Manufacturing Simple.

简单智造成立于2011年，是简单集团投资在中国东莞的一家现代工厂，拥有15500平方制造基地，配套齐全的模具车间，注塑车间，车缝车间，焊接车间，装配车间等，服务于模具，注塑，汽车，医疗等行业，致力于为客户提供一站式的制造方案。

Simple MFG found in Dongguan, China by year 2011, it is a manufacturing base of 15,500 square meters invested by Simple Group, equipped with mold workshop, injection workshop, sewing workshop, welding workshop, assembly workshop. It serves industries such as molds, injection, automotive, medical, etc. committed to providing one-stop solutions in house.



## 工程能力 ENGINEERING CAPABILITY

我们有强大的工程团队，包括产品结构设计师，模具工程师及各类专业技术人员约80人。

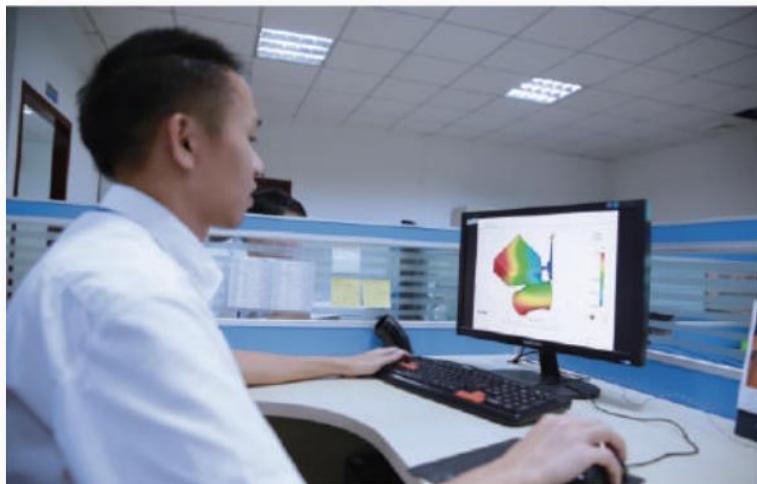
We have a strong engineering team with over 80 experienced engineers, including product & mold designers, technicians, projects engineers.

### ■ 工程设计 DESIGN & ANALYSIS



- 可行性分析
- 产品设计
- 模具设计
  
- Feasibility analysis
- Part Design
- Mold Design

### ■ 逆向工程 REVERSE ENGINEERING



- 信息收集
- 图纸设计
- 手板制作
- 测试验证
  
- Data Scanning
- 2D & 3D Design
- Prototyping
- Test & Validation

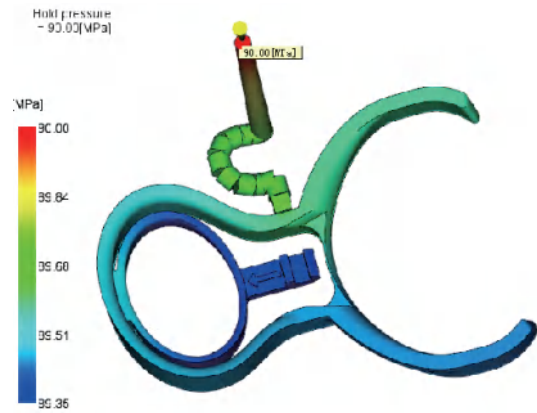


我们拥有专业的项目管理团队全程跟进，中英文顺畅沟通，确保项目顺利交付给客户！

We have a professional project management team to keep your projects in right track, freely communication in English and Chinese.

R & D	Tooling	Sampling Validation	Pilot production	Mass production
<ul style="list-style-type: none"> <li>* Build to print / Reverse Engineering</li> <li>* Timing plan</li> <li>* Requirements input</li> <li>* Product design</li> <li>* Feasibility study</li> <li>* Material sourcing</li> <li>* Prototyping</li> <li>* Tests &amp; verification</li> <li>* Design optimize</li> <li>* Design approval</li> </ul>	<ul style="list-style-type: none"> <li>* Mold design</li> <li>* Mold schedule</li> <li>* Weekly report</li> <li>* Mold trial</li> <li>* FAI report</li> <li>* Mold adjustments</li> </ul>	<ul style="list-style-type: none"> <li>* Individual samples</li> <li>* Assembled samples</li> <li>* Various testing</li> <li>* Testing tools</li> <li>* Testing methods</li> <li>* Set standards</li> <li>* Material approval</li> <li>* Sample approval</li> </ul>	<ul style="list-style-type: none"> <li>* BOM confirm</li> <li>* Order materials</li> <li>* SOP &amp; SIP</li> <li>* Pilot run</li> <li>* Trouble-shooting</li> <li>* Solutions (AOD, EC)</li> <li>* Improvements</li> <li>* Verify standards</li> <li>* Capacity plan</li> </ul>	<ul style="list-style-type: none"> <li>* Order materials</li> <li>* Process optimize</li> <li>* Lock standards</li> <li>* Mass production</li> <li>* Capacity ramp up</li> <li>* Production status weekly update</li> <li>* AQL inspection</li> <li>* Shipping</li> <li>* Constant improving</li> </ul>

## ■ 模具设计 MOLD DESIGN



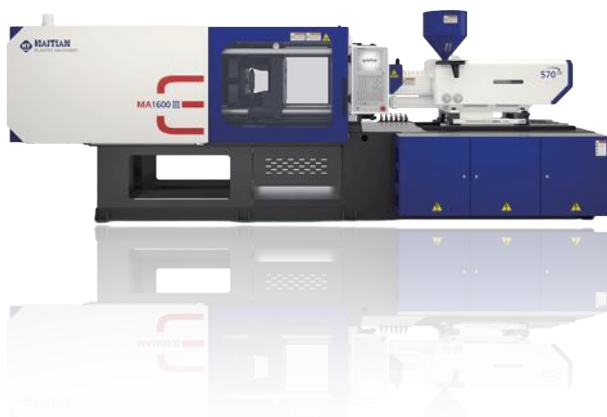
- 模流分析
- 制造分析
- 模图设计
- Flowing Analysis
- DFM Analysis
- Mold Design

## ■ 加工中心 MACHINING CENTER



- 高速CNC
- 镜面火花机
- 精密线切割
- 高端配模机
- Mori-Seiki High Speed CNCs
- AgieCharmilles EDMs
- AgieCharmilles Wire Cut Machines
- Advanced Mold Fitting Machines

## ■ 模具验证 VALIDATION



执行科学试模流程

- 安装确认
- 运行确认
- 性能确认

Scientific Molds Trials

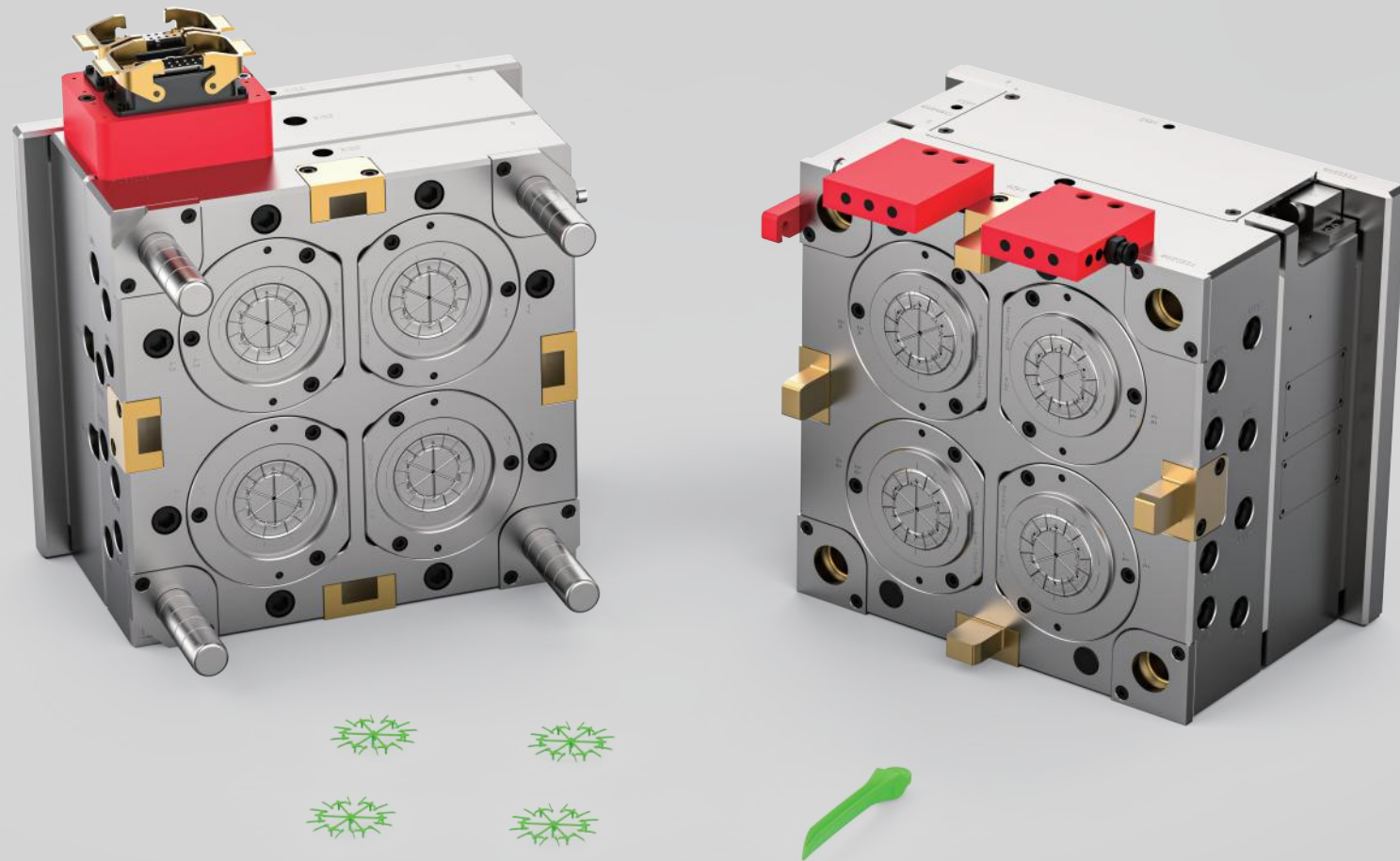
- Installation Qualification
- Operation Qualification
- Performance Qualification



## ■ 高精密模具车间 TOOLING WORK SHOP

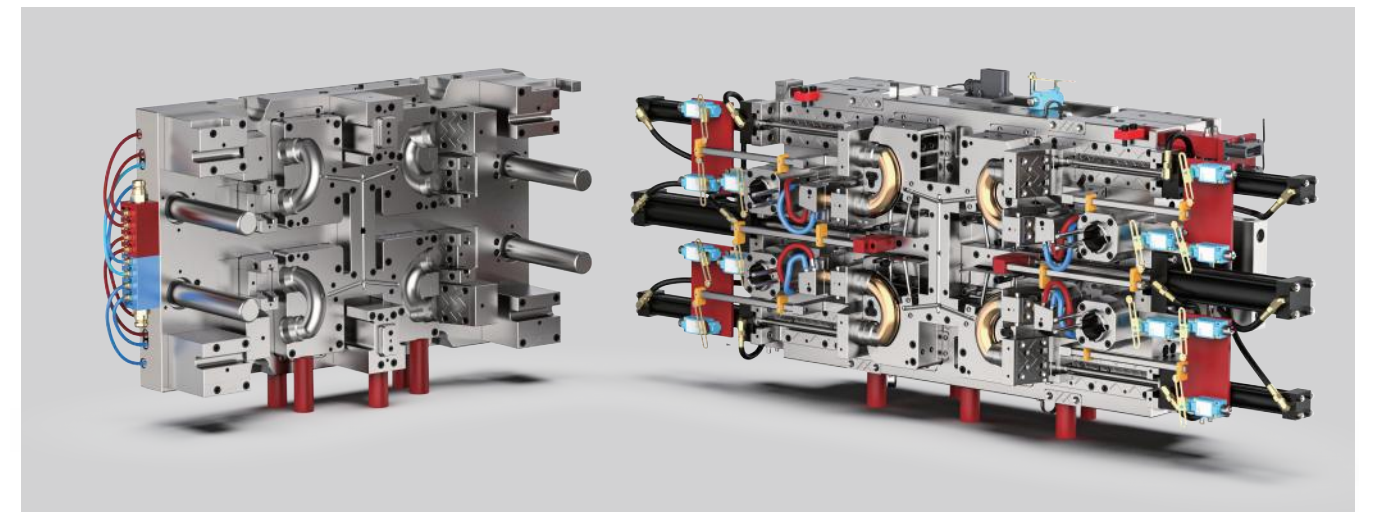
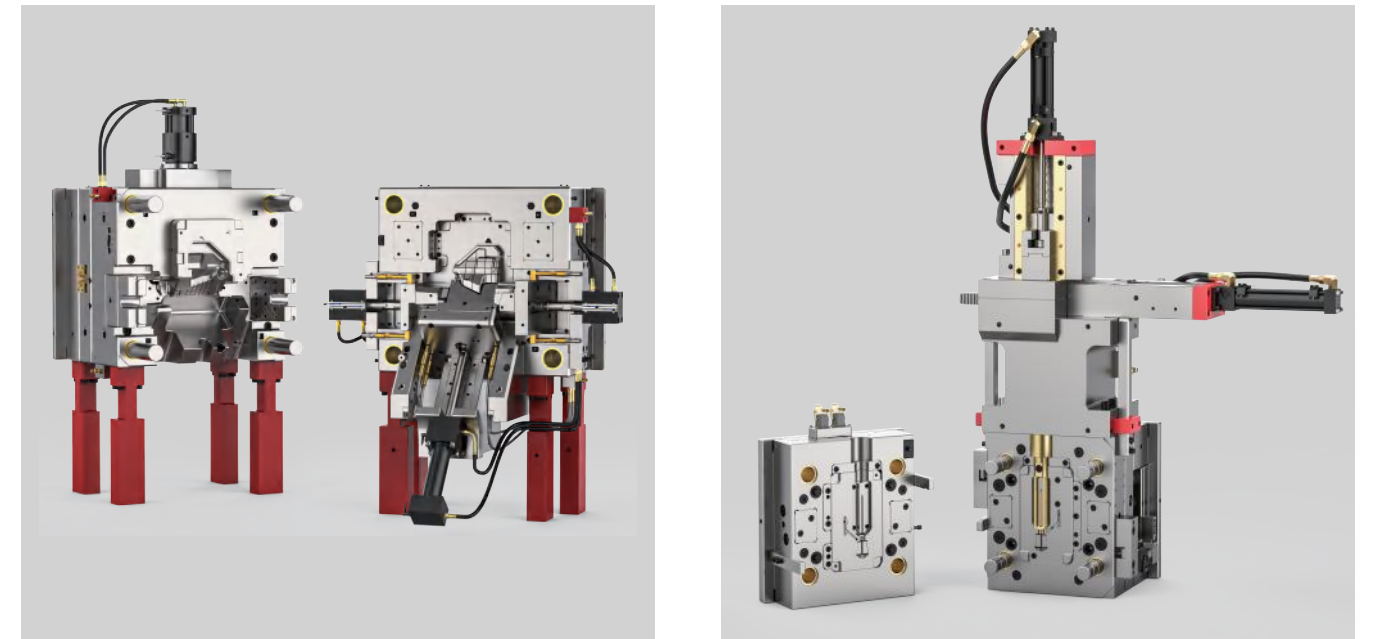
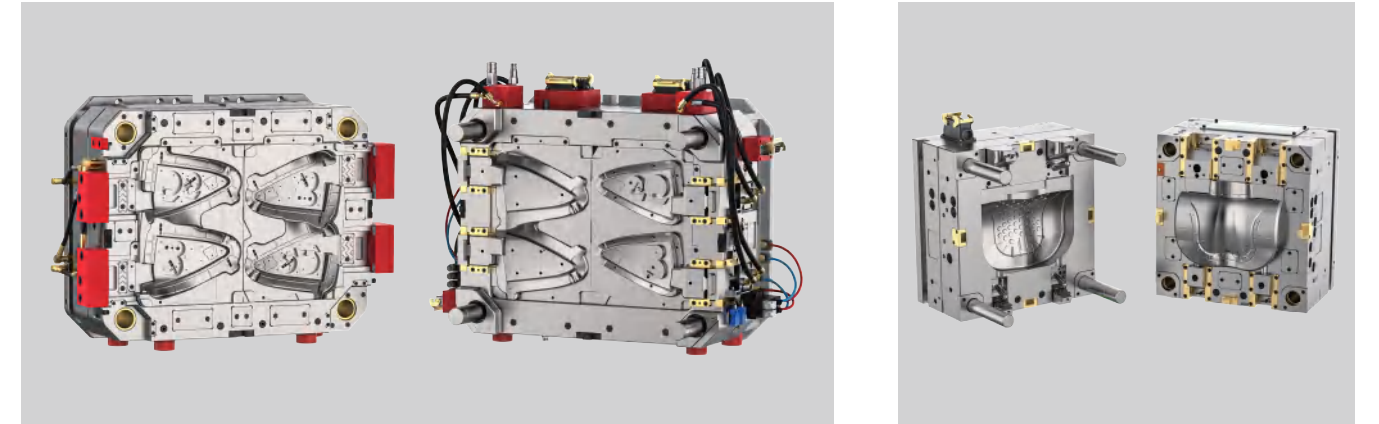
- Mori-Seiki、AgieChamilles等高精密加工机台, 配有即时检测系统
- 采用瑞士进口EROWA夹具实现高效快换加工, 高精度重复定位
- 一流的模具技术团队, 20年的资深制造经验
- 卓越的营运及科学管理体系
- Equipped with Mori-Seiki CNC, AgieChamilles EDM& Wire Cut machines, ON-Line CNC Inspection System
- EROWA Holders, simple to use, high precision of repeated positioning
- A first-class mold engineering team with 20 years' manufacturing experience
- Talent International technical engineers and Scientific management system

# 模具制造 MOLDS CAPACITY



我们专注于制造高精度模具，类型有多腔叠成模具，双色模具，旋转抽芯模具，缩柯模具，脱螺纹模具等，主要服务于医疗，汽车，电子电器，管道，包装等领域

We focus on providing high quality precision molds, such as multi cavities stack molds, double injection molds, rotatory cam slide molds, collapsible core molds, unscrewing molds, etc. Main fields we serve: Medical, Automotive, Electronic appliances, Plumbing, Packaging.



## ■ 洁净车间 CLEAN ROOM



- 20~800T注塑机
- 供料系统集中供料
- 机械手实现自动化生产
- 支持注塑各种塑胶材料
- 20~800T Injection Machines
- Material Feeding System
- Automation with Robots
- Diversified Plastic Injection Abilities

双色注塑  
2K INJECTION MOLDING



立式注塑  
VERTICAL INJECTION MOLDING



## ■ 万级无尘车间 10,000 CLASS/ISO 7 CLEAN ROOM

- 全封闭管理, 设有风淋室、货淋室, 并安装有FFU自净化高效过滤器系统, 时刻处于(ISO7级)达标状态
- 配备20~160T精密注塑机, 日本SODICK及TOSHIBA等高精度全电动高速注塑机
- Enclosed with air shower rooms , cargo shower rooms, FFU high-efficiency self-purification filter systems, 100% qualified to ISO 7 standard.
- Equipped with Japanese SODICK / TOSHIBA high speed electronic injection molding machines.

空气中颗粒物的最大数量 (每立方米颗粒物数量)					Maximum Number of Particles in Air (Particles per cubic meter)				
ISO 级别	联邦标准 209E 级别	颗粒物大小			ISO Class	Fed-Std 209E Class	Particle Size		
		≥0.5µm	≥1µm	≥5µm			≥0.5µm	≥1µm	≥5µm
ISO 7	Class 10,000	352000	83200	2930	ISO 7	Class 10,000	352000	83200	2930

# 注塑生产 MOLDING CAPACITY

## ■ 骨科固定 Orthopedic Fixation



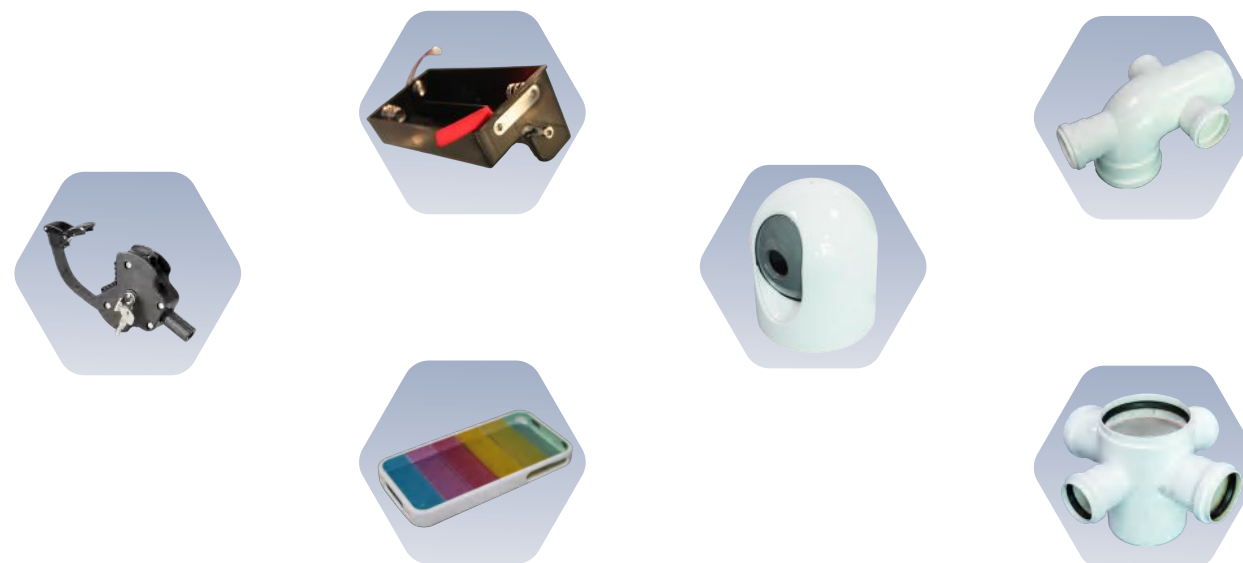
## ■ 医疗周边 Medical Peripherals



## ■ 汽车 Automotive



## ■ 弯管/电子 Plumbing / Electronics



# 注塑案例 MOLDING CASES



车缝生产线 · 超声波焊机线 · 高周波焊机线

Cut & sew line / Ultrasonic welding line / R.F. welding line



三条装配产线, 可根据项目需求灵活定制。

3 assembly lines, be flexibly customized according to project requirements

## 软体车缝 SEWING CAPACITY

## 装配能力 ASSEMBLY CAPACITY



完善的品质控制体系  
Quality Control System

- ISO 9001: 2015
- ISO 13485: 2016
- IATF16949: 2016

高精密度检测仪器  
Advanced inspection equipments

- 三次元 CMM
- 光学投影仪 Optical Image Measuring Inst.
- Faro 3D扫描设备 Faro 3D Scanner

品类齐全的测试设备  
Various testing facilities

- 拉力仪 Pull Tester
- 耐磨测试仪 Abrasion Tester
- 漏气测试仪 Leak Tester
- 高低温测试仪 Temperature Tester
- 模拟运输测试仪 Transport Simulation Tester

