一格科技
YIGE
TECHNOLOGY

公司简介 · COMPANY PROFILE 2026

好的模具设计，
让模具厂一次就做对。

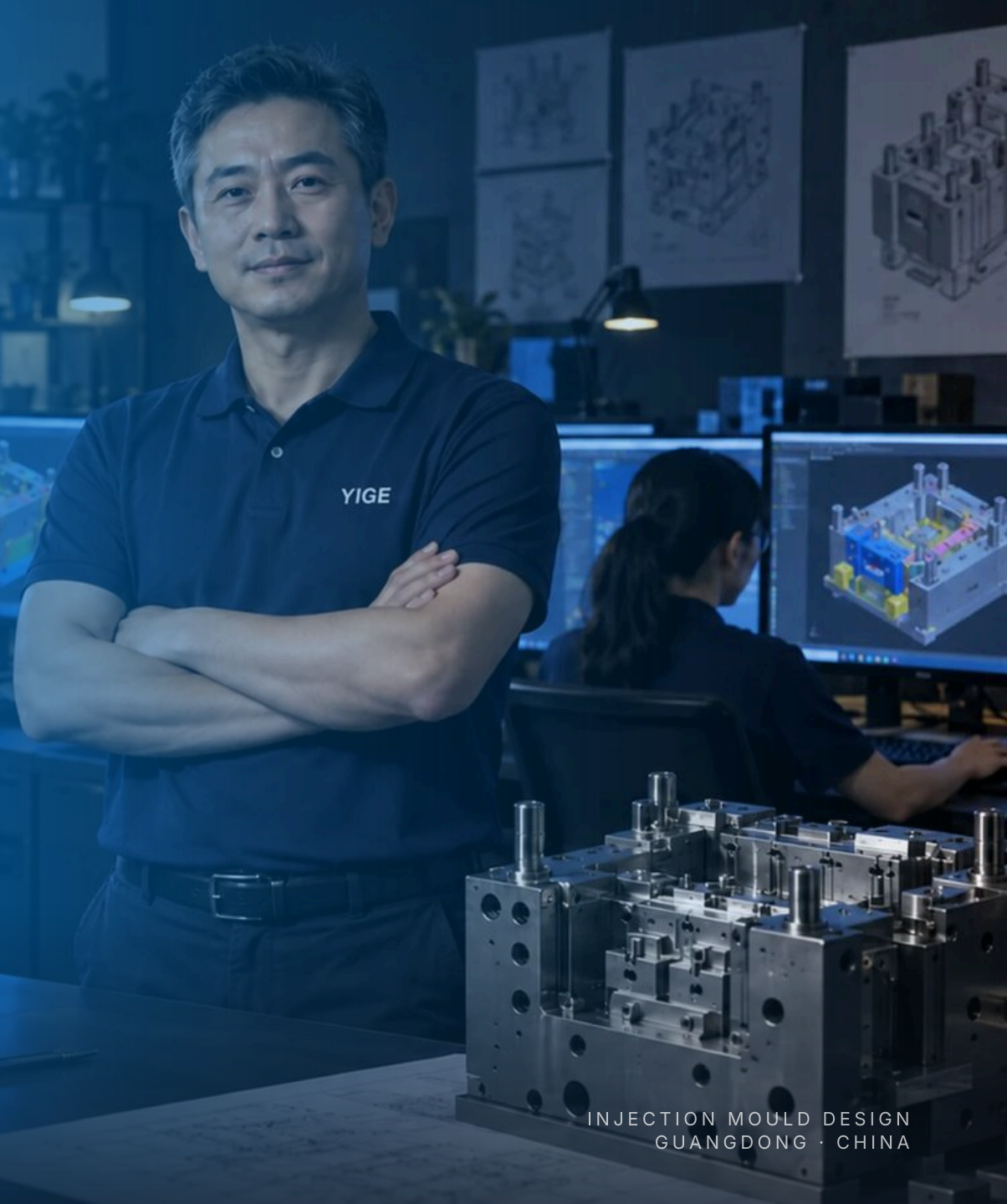
Mould designs your toolmaker gets right the first time.

一格科技有限公司
YIGE TECHNOLOGY CO., LTD

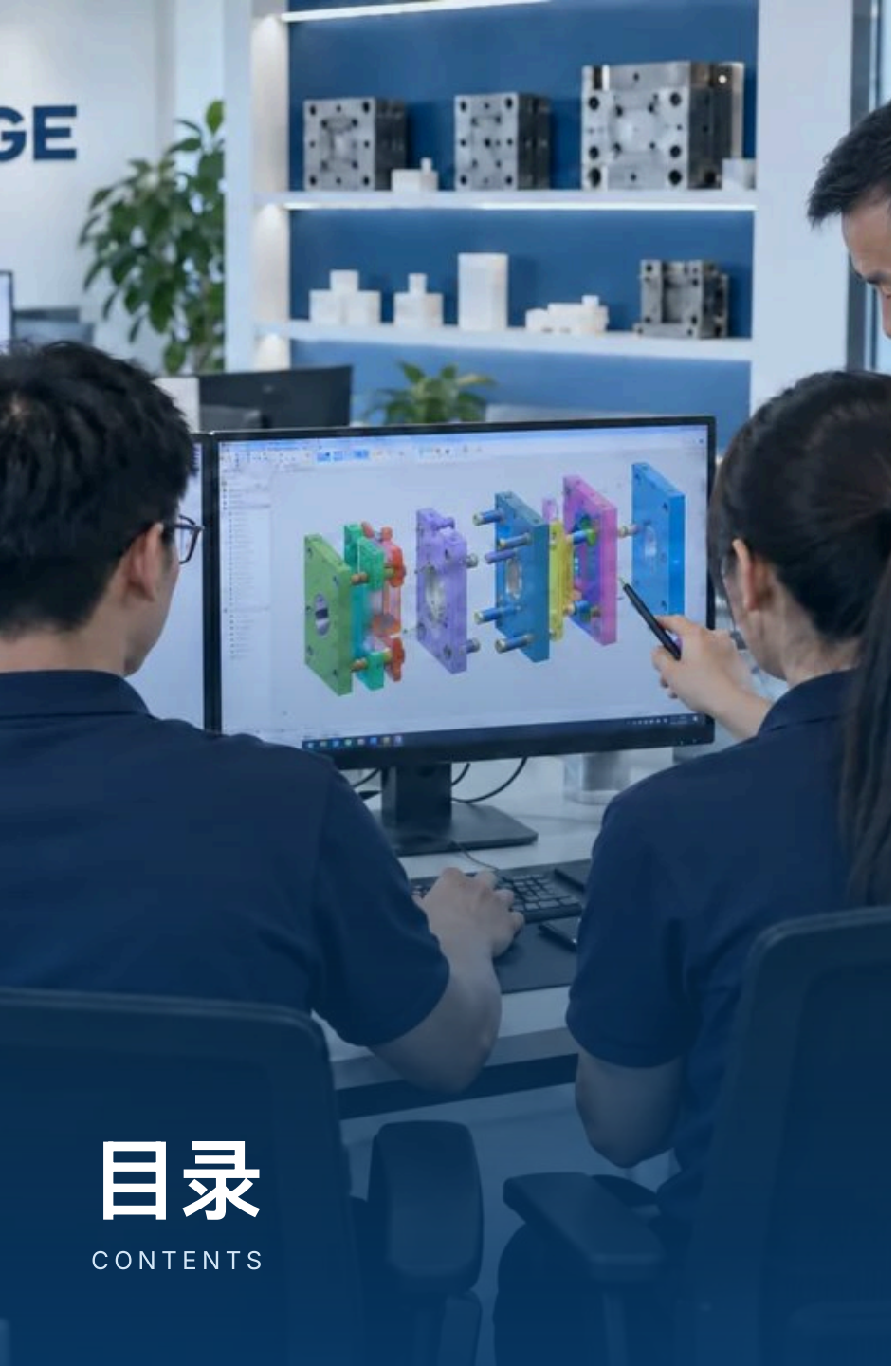
500+	5000+	150+
同时设计的模具套数 Mould sets in design at once	模具设计案例 Mould design cases	模具设计师 Mould designers

4 小时内报价 · Quote in 4 hours

最长 2 周交付设计 · Design in 2 weeks



INJECTION MOULD DESIGN
GUANGDONG · CHINA



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01

CHAPTER 01

公司简介

COMPANY PROFILE

01	关于我们	About us
02	创始人	Founder
03	发展历程	Our story
04	企业文化	Culture
05	松山湖工作室	Our studio
06	荣誉资质	Honours

ABOUT US · 关于我们

我们是设计公司，不是模具厂。

A mould design studio, not a mould shop.

一格科技 2021 年创立于中国模具产业核心地带——广东，专注于全球中高端塑胶模具设计。我们负责设计开发与审图并发布图纸，由您选定的模具厂制造模具与产品。

Founded in 2021 in Guangdong, at the heart of China's mould industry, YIGE designs mid-to-high-end plastic injection moulds for customers worldwide. We design, review and release the drawings; your chosen toolmaker builds the mould.

- **线下团队 50+，线上团队 100+** 50+ in studio · 100+ online
- **广东松山湖国际设计城 9 栋** Songshan Lake International Design City
- **客户遍布中国、日本、越南、巴西、阿根廷、美国、德国** 7+ countries

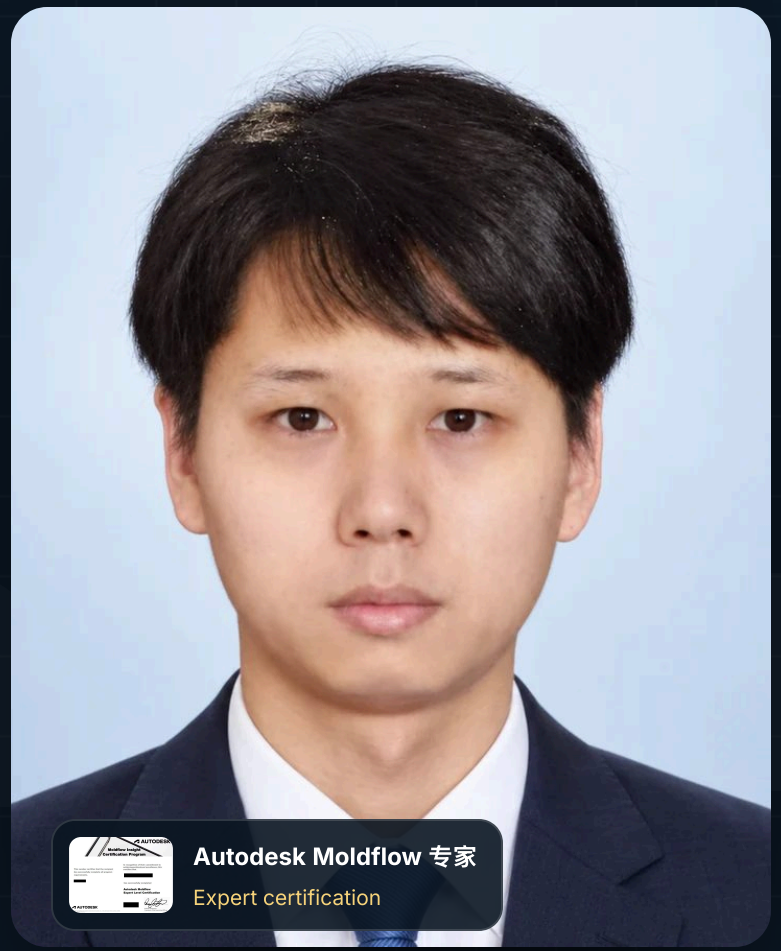
2021
成立于广东 · Founded in Guangdong

500+
同时设计的模具套数
Mould sets in design at once

5000+
模具设计案例
Mould design cases

800+
工业设计案例
Industrial design cases

500+
培训中心已培养设计师
Designers trained by our centre



FOUNDER · 创始人

邱德华 QIU DEHUA

创始人 · 汽车&消费类塑胶模具设计总负责人 Founder · Head of automotive & consumer mould design

拥有 15+ 年塑胶模具设计一线实战经验，深耕汽车内外饰与各类消费电子塑胶零部件模具领域。精通模流分析与复杂结构研判，带领 100+ 人协同设计团队，攻克汽车大件、薄壁成型、复杂曲面、多腔同步生产等技术难点。

15+ years of hands-on plastic mould design across automotive interior and exterior trim and consumer electronics. A mould-flow and complex-structure specialist who leads a 100+ person collaborative design team.

> **“从一而终，始终如一。”**
> The YIGE philosophy: one standard, from start to finish.

汽车内外饰 | 消费电子 | 模流分析 Moldflow | 复杂结构研判 | 薄壁成型 | 多腔同步生产

15+
年模具设计经验 · Years

100+
带领设计师 · Designers led

OUR STORY · 发展历程

从 10+ 人团队到 150+ 设计师

From a 10-person team to 150+ designers in five years.

2021

创立

FOUNDED

在广东创立，团队 10+ 人，专注塑胶模具设计。

Founded in Guangdong with a 10+ person team.

2022

新的起点

NEW BASE

获投资 200 万元，团队 20+ 人，增设工业设计板块，搬入松山湖整层 500 ㎡ 办公室。

RMB 2M investment, 20+ people, industrial design added, a 500 m² floor at Songshan Lake.

2023

完善组织

BUILDING THE COMPANY

成立财务、法务、业务与 IT 部门，线上线下设计师 150+ 人。

Finance, legal, sales and IT teams; 150+ designers online and offline.

2024

人才培养

TRAINING TALENT

人才培养计划落地，培训中心累计培养 500+ 名模具设计师。

Our training centre has trained 500+ mould designers.

2025

进军海外

GOING GLOBAL

组建外贸团队，全面服务海外客户。

An export team now serves overseas customers.

2026

下一阶段

NEXT STAGE

深耕海外市场，形成成熟的线上 + 线下人才体系。

Deeper overseas reach and a mature online + offline talent network.

CULTURE · 企业文化

使命、愿景与精神

What we stand for, on every project.

一格理念 · OUR PHILOSOPHY

从一而终，始终如一。

One standard, from start to finish.

企业使命
MISSION

客户满意，持续改善

Customer satisfaction, continuous improvement

企业愿景
VISION

信守承诺，树立榜样

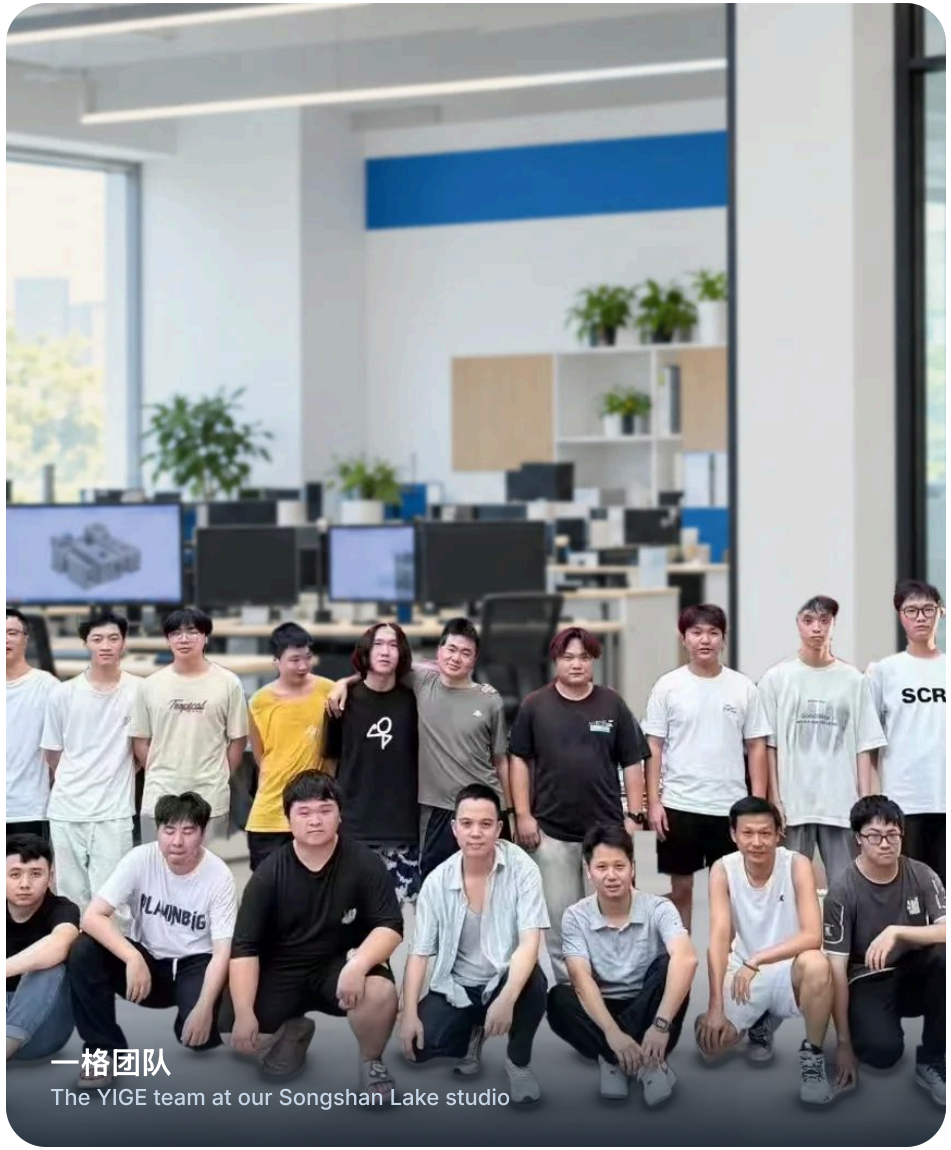
Keep our promises and set the example

企业精神
SPIRIT

诚信、高效、共赢、感恩

Integrity, efficiency, win-win, gratitude

品质	服务	人才	创新
QUALITY	SERVICE	TALENT	INNOVATION



一格团队

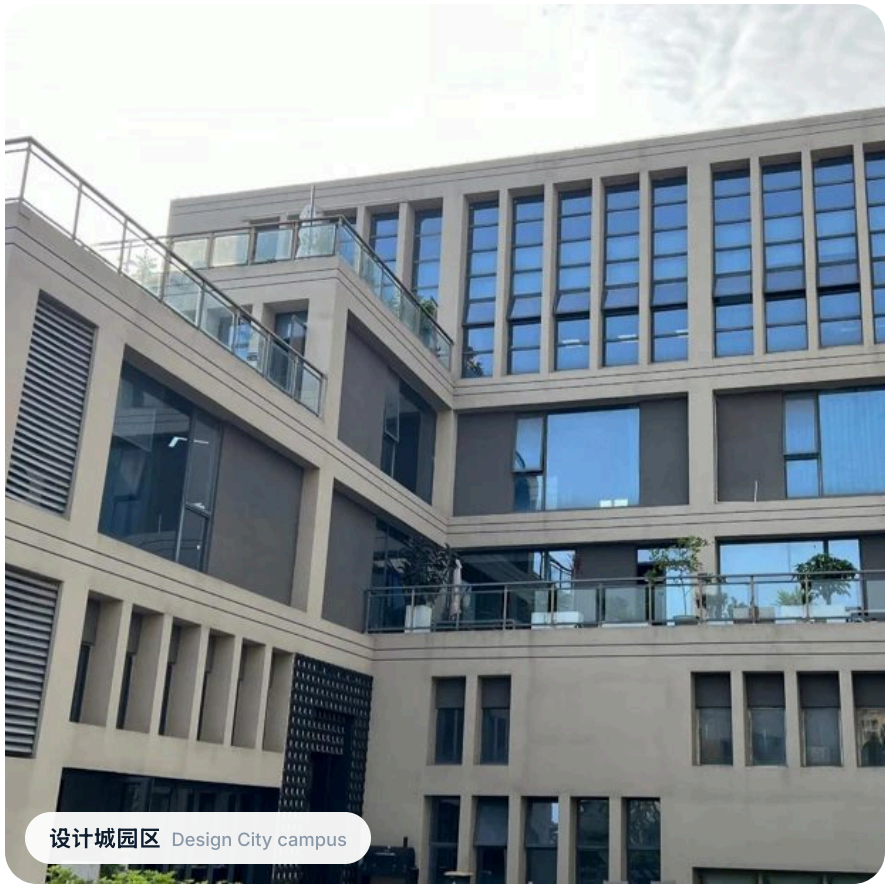
The YIGE team at our Songshan Lake studio

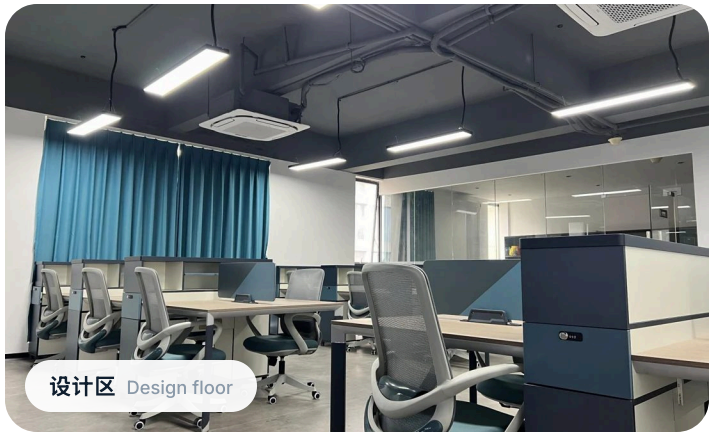
OUR STUDIO · 工作环境

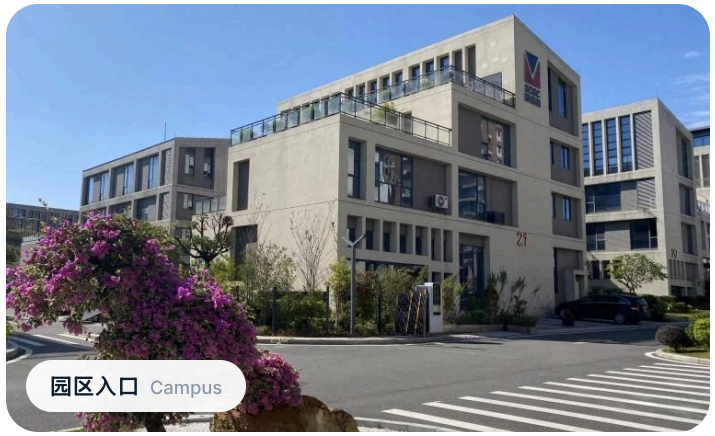
走进松山湖工作室

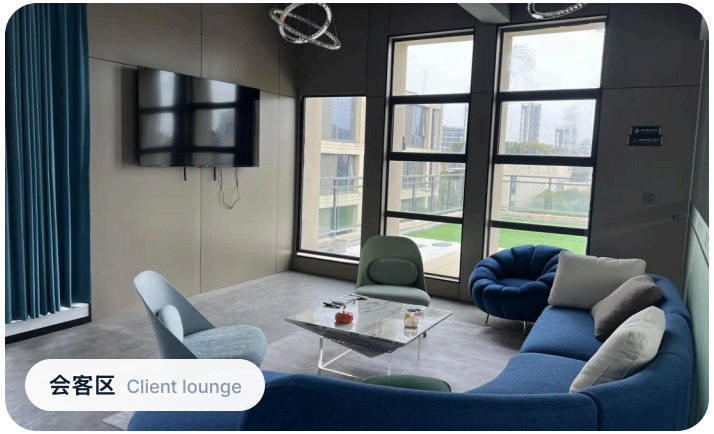
A full 500 m² floor in Songshan Lake International Design City.

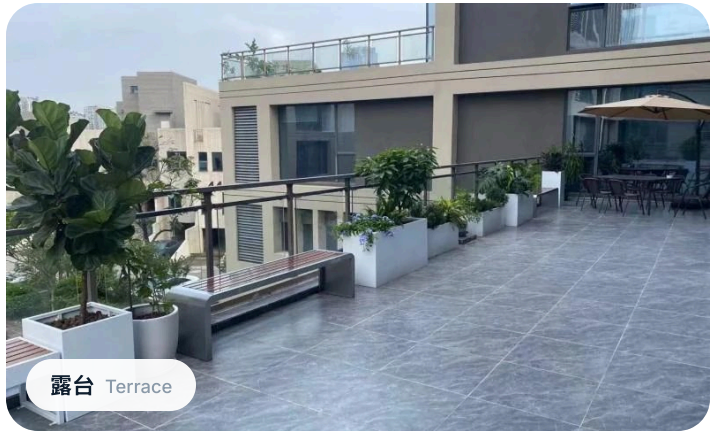
广东松山湖国际设计城 9 栋
Building 9, Songshan Lake International Design City, Guangdong


设计城园区 Design City campus


设计区 Design floor


园区入口 Campus

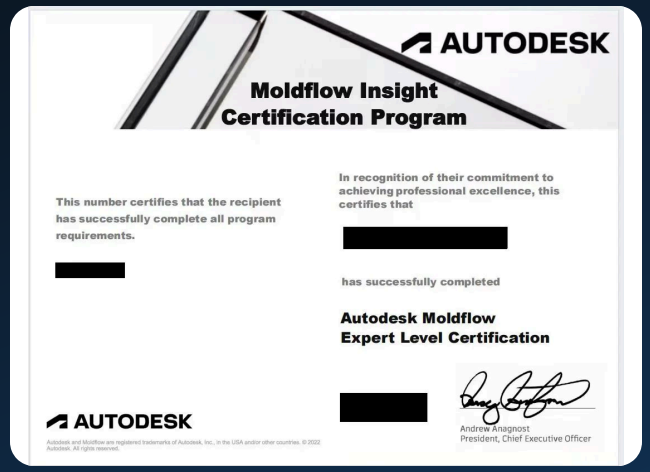

会客区 Client lounge


露台 Terrace

HONOURS · 荣誉资质

资质证书与荣誉认可

Certification and recognition from industry, schools and partners.



专家级 · Expert level

Autodesk Moldflow 专家级认证

Autodesk Moldflow expert certification: our mould-flow analysis is led by certified specialists.

中国产学研合作促进奖实践单位

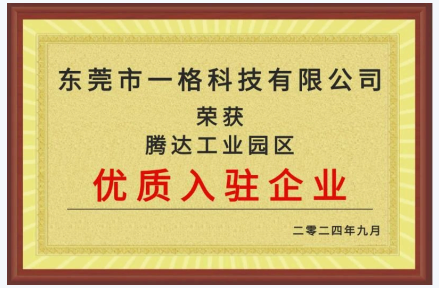
China Industry-University-Research Cooperation Award

黄石安高职业学校实习实训基地

Training base, Huangshi Angao Vocational School

模具云优秀战略合作伙伴

Strategic partner, Model Cloud



腾达工业区优秀入驻企业

Excellent enterprise, Tengda Industrial Zone

久益科技战略合作伙伴

Strategic partner, Jiuyi Technology

宏盛五金塑胶优质工业设计供应商

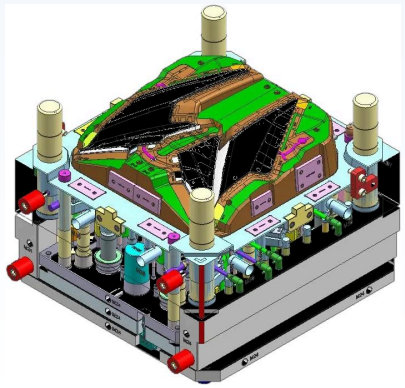
Quality industrial design supplier, Hongsheng

INDUSTRIES · 服务行业

四大行业，全覆盖

Moulds for automotive, electronics, home appliance and medical products.

01



汽车

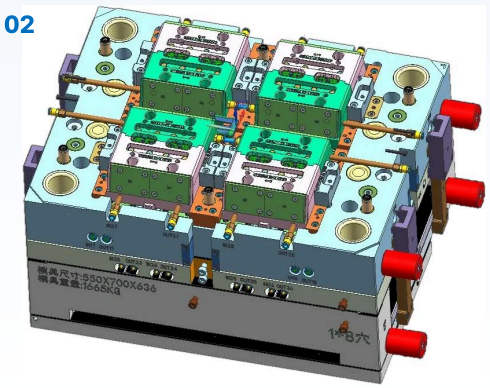
AUTOMOTIVE

内饰件、车灯部件、外饰件与新能源电池壳

Interior trim, lamps, exterior trim, EV battery cases

IMA 模内组装集成度 90%+
90%+ in-mould assembly integration

02



消费电子

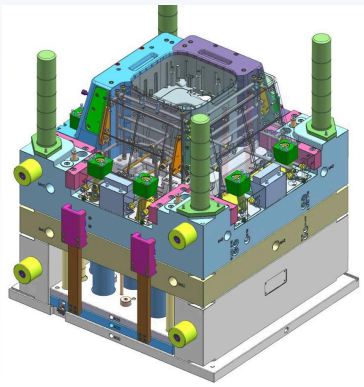
CONSUMER ELECTRONICS

蓝牙耳机、电子烟、笔记本胶框

Earbuds, e-cigarettes, notebook frames

0.01 mm 公差 · T1 一次合格率 95%+
0.01 mm tolerance · 95%+ T1 first pass

03



智能家电

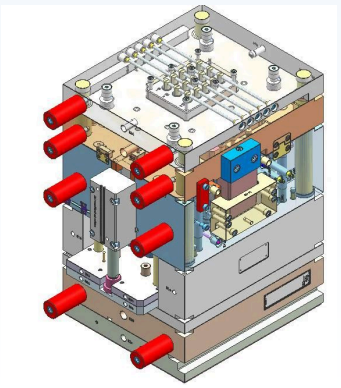
SMART HOME APPLIANCES

家电机壳、扫地机外壳、基站与集尘桶

Appliance housings, robot vacuums, base stations

双色模与绞牙模设计
Two-colour and unscrewing moulds

04



医疗健康

MEDICAL & HEALTH

医用雾化器、检测仪外壳

Nebuliser and test-device housings

抽芯结构与精密出图
Core-pull structures, precise drawings

02

CHAPTER 02

服务项目

SERVICES

01	七大服务	Seven services
02	模流分析	Mould-flow analysis
03	擅长领域	Specialities
04	2 周交付	2-week delivery
05	质量路径	Quality path
06	专业团队	Our team

WHAT WE DO · 服务项目

七大服务，一个设计团队

Seven services, one design team. A dedicated designer follows every project.

01

塑胶模具设计

PLASTIC MOULD DESIGN

产品与模具 DFM、3D 模具装配、2D 图纸、独立审图与出图。

DFM, 3D mould assembly, 2D drawings, independent check and release.

02

工业设计与结构设计

INDUSTRIAL & STRUCTURAL DESIGN

外观与结构一体化设计，工业设计案例 800+。

Form and structure designed together. 800+ cases.

03

抄数画图

3D SCANNING & REVERSE

精准扫描，由实物快速建立准确的 3D 模型与图纸。

Accurate 3D models and drawings from physical parts.

04

模流分析

MOULD-FLOW ANALYSIS

Moldflow 与 Moldex3D 双平台：充填、保压、冷却、翘曲。

Moldflow and Moldex3D: fill, pack, cool, warp.

05

设计人才派遣

DESIGNER SECONDMENT

100+ 技术人才，可随时派遣至企业提供设计支持。

100+ engineers ready to support your team on site.

06

人才培训中心

TRAINING CENTRE

正规模具设计培训，已培养设计人才 500+。

Formal mould design training. 500+ designers trained.

07

一格设计云平台

YIGE DESIGN CLOUD

连接设计人才、客户与协同设计的线上平台。

An online network for talent, clients and shared design work.

4h

4 小时内报价

Quote within 4 hours · design in 2 weeks

发来产品 · Send your part

MOULD-FLOW ANALYSIS · 模流分析

虚拟试模，真实降本。

Simulate the trial before the steel is cut.

依托资深模流分析专家团队，基于双平台提供从产品设计、模具开发到量产优化的全流程仿真与顾问服务。

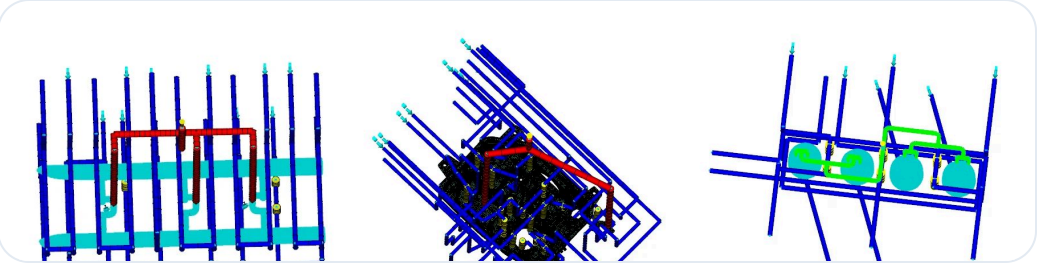
Senior mould-flow specialists support you from product design through mould development to production.

Autodesk Moldflow | Moldex3D | 充填 · 保压 · 冷却 · 翘曲

10+
项核心分析能力
Core analyses

2
大仿真平台
Simulation platforms

全流程
顾问服务
DFM to production



10 大分析模块 10 analysis modules

FILL	充填分析	Fill
PACK	保压分析	Pack
COOL	冷却分析	Cool
WARP	翘曲分析	Warp
FIBER	玻纤取向	Fibre orientation
INSERT	嵌件成型	Insert moulding
2K	双色成型	Two-shot
ICM	注压成型	Injection-compression
GAIM	气辅成型	Gas-assist
WAIM	水辅成型	Water-assist

01 产品设计阶段
DFM · 壁厚优化 · 浇口方案 · 材料选型

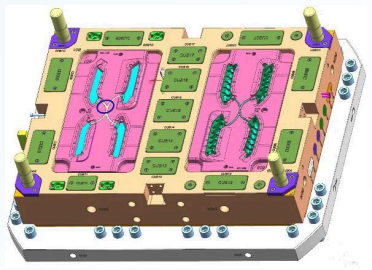
02 模具开发阶段
浇注系统 · 冷却水路 · 排气 · 预补偿

03 量产优化阶段
工艺窗口 · 缺陷溯源 · 周期缩短 · 良率提升

SPECIALITIES · 擅长领域

复杂模具，是我们的专长

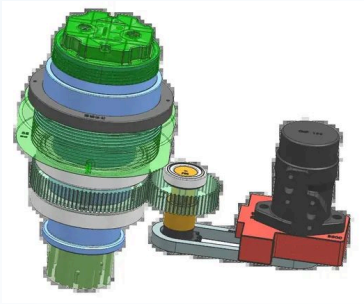
Complex moulds are where our engineers do their best work.



双色模具

Two-colour moulds

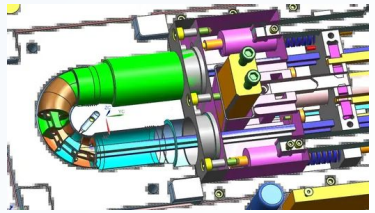
平行注射、分体平行注射、旋转托芯转垂射



螺纹与绞牙模

Unscrewing moulds

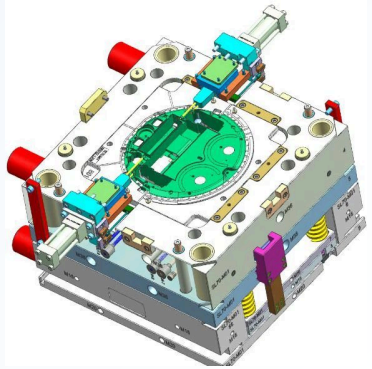
螺纹模具、马达绞牙与螺旋抽芯



180° 弯管抽芯

180° bent-pipe core pull

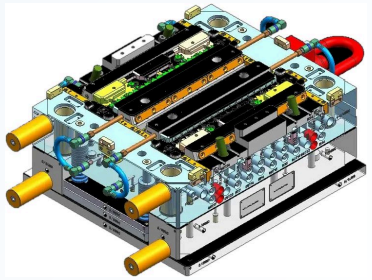
弯曲内腔的弧形抽芯机构



扫地机外壳

Robot vacuum housings

底壳、面壳、后壳、基站与集尘桶



汽车内外饰

Automotive trim

门板、副仪表、格栅、电镀把手、挡泥板

3C 电子

3C electronics

蓝牙耳机、电子烟、手机壳、叶轮

FROM ENQUIRY TO DELIVERY · 从询盘到交付

您的模具设计，2 周交付。

Every project follows the same 14-day path.

4h
4 小时内报价
Quote within 4 hours

14 天
最长 2 周交付设计
Design delivered in 2 weeks max

第 1 周 · WEEK 1　　第 2 周 · WEEK 2

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14

第 1 天 Day 1

当天回复
SAME-DAY REPLY

发来图纸、3D 文件或样品照片，设计师当天回复。

第 2 天 Day 2

报价与排期
QUOTE & SCHEDULE

收到文件 4 小时内报价，第 2 天前确认设计范围与交付计划。

第 1 周 Week 1

完成设计
DESIGN

产品与模具 DFM，第一周完成完整 3D 模具设计。

第 2 周 Week 2

审核与确认
REVIEW

独立审图组检查干涉、冷却、顶出与运动。

第 14 天 Day 14

交付图纸
DELIVERY

发布 3D 模具与 2D 图纸，可直接交给模具厂。

紧急项目可更快 · Rush projects can go faster

- 上汽 C 柱饰板：30 小时完成 DFM + 3D 初稿
- 美国 PPD 摩托车外壳：40 小时完成 3D 第一版

QUALITY PATH · 质量路径

从 DFM 到 T0、T1，直至量产。

Every project follows one measured path, from the first review to mass production.

T0 → T1

01 DFM 评审
DFM REVIEW

100%

3D 设计前完成产品与模具 DFM

Product and mould DFM before 3D

02 3D 设计
3D DESIGN

90%+

IMA 模内组装集成度 · 汽车

In-mould assembly integration · automotive

T0 首次试模
FIRST TRIAL

0.01 mm

公差控制 · 消费电子

Tolerance control · consumer electronics

T1 试模验收
APPROVAL

95%+

T1 一次合格率 · 消费电子

T1 first-pass rate · consumer electronics

05 量产
PRODUCTION

CPK ⩾ 1.33

模具制程能力目标

Mould process capability target

出图前全局检查	干涉检查	水路检查	模拟注塑	运动仿真	独立审图
Checked before release	Interference	Cooling lines	Moulding simulation	Motion simulation	Independent check

T0/T1 试模与量产在您选定的模具厂进行。 Trials and production run at your chosen toolmaker; figures are project results by industry.

OUR TEAM · 专业团队

专属工程师，对您的模具负责到底。

Three senior engineers, each leading a team focused on one kind of mould.

智能家电模具设计团队

李红杏 Li Hongxing

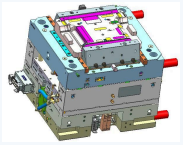
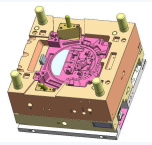
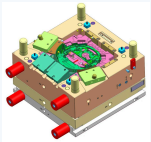
HOME APPLIANCE MOULDS

15+ 年经验 · Years

25+ 团队人数 · Team

主导厨电、白电、小家电等多品类高难度模具，擅长薄壁成型、复杂曲面与多腔同步生产。

Kitchen, white-goods and small-appliance moulds; thin walls, complex surfaces, multi-cavity.

消费电子模具设计团队

邓联辉 Deng Lianhui

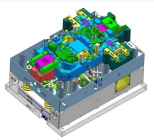
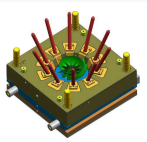
CONSUMER ELECTRONICS MOULDS

16+ 年经验 · Years

18+ 团队人数 · Team

深耕蓝牙耳机、电子烟、扫地机器人等品类；主导项目交付周期缩短 15% 以上，量产良率提升至 99.5%。

Earbuds, e-cigarettes, robot vacuums. Delivery 15%+ faster and 99.5% yield on projects led.

复杂与汽车模具团队

王虎 Wang Hu

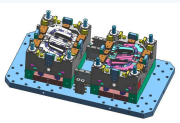
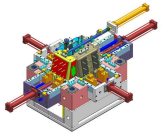
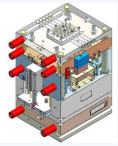
COMPLEX & AUTOMOTIVE MOULDS

10+ 年经验 · Years

15+ 团队人数 · Team

擅长复杂型腔结构、流道优化与量产成本控制，专攻高难度汽车与复杂模具。

Complex cavities, runner optimisation and cost control for demanding automotive moulds.

- 广东线下团队 50+ · 50+ in studio
- 线上团队 100+ · 100+ online
- 独立审图组审核每一套设计 · Independent drawing check

WHY YIGE · 我们的优势

专人负责，设计经过验证。

A named owner, a matched team and an independent check on every design.

01

新项目对接能力

DEDICATED DESIGNER

每个项目专人对接，从 DFM 到出图，您始终知道谁在设计您的模具。

One named designer for each project, from DFM to release.

02

充裕的人才储备

DEEP TALENT BENCH

完善的培训体系、绩效考核与激励制度，产能随需扩展。

Training, KPIs and incentives keep capacity ready to scale.

03

设计分科，专人专事

SPECIALISED TEAMS

按行业与模具类型分科，品质稳定，交期准时。

Teams by industry and mould type: stable quality, on-time delivery.

04

完善的验证机制

VERIFIED BEFORE RELEASE

运动仿真、模流分析与抄数扫描，出图前独立审图。

Motion simulation, mould-flow and scanning, then an independent check.

产能充足，随需扩展

Capacity that scales with your programme

150+ 线下 + 线上设计师
Designers, studio + online

500+ 单次可承接模具套数
Mould sets at once

500+ 培训中心已培养设计师
Designers trained

100+ 可派遣技术人才
Engineers for secondment

03

CHAPTER 03

案例展示

CASE STUDIES

01 汽车产品 Automotive

02 汽车与精密件 Automotive & precision

03 电子与家电 Electronics & appliances

04 极速交付案例 Rush projects

05 模具设计图集 Mould gallery

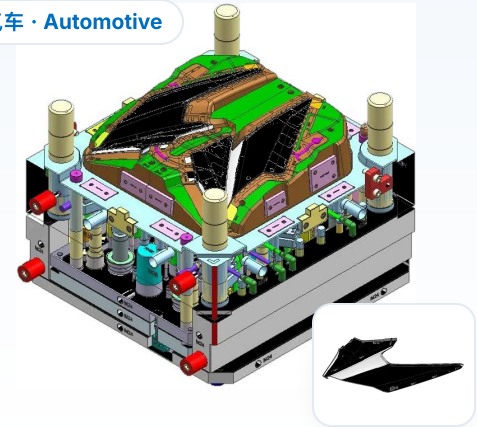
06 产品设计图集 Product design

CASE STUDIES · 案例展示

全球品牌，真实模具。

Real projects with real data. Every image is our own CAD design. Dimensions in mm.

汽车 · Automotive



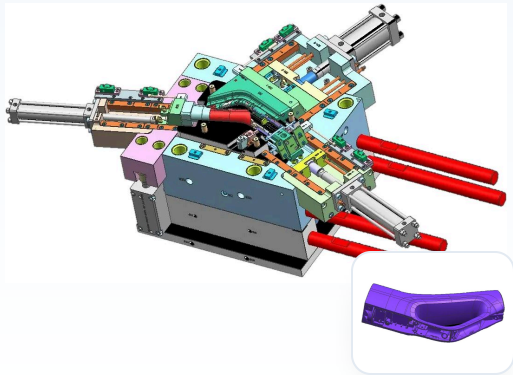
北美宝马 BMW

左侧包围板

Left body side panel

产品 Part	526 × 1667 × 766
出模 Cavities	1+1
模具 Mould	2550 × 1770 × 1481

汽车 · Automotive



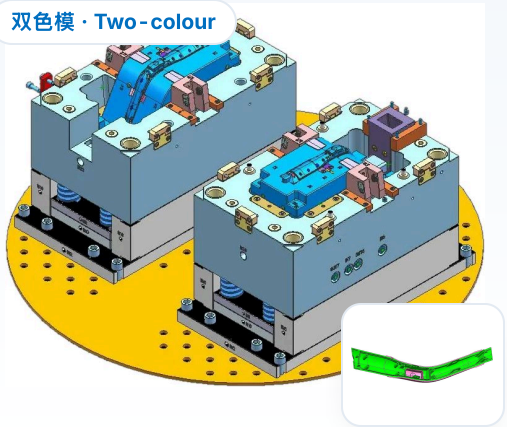
特斯拉 TESLA

汽车充电枪

EV charging gun

产品 Part	292 × 1186 × 157
出模 Cavities	1×1
模具 Mould	600 × 670 × 629

双色模 · Two-colour



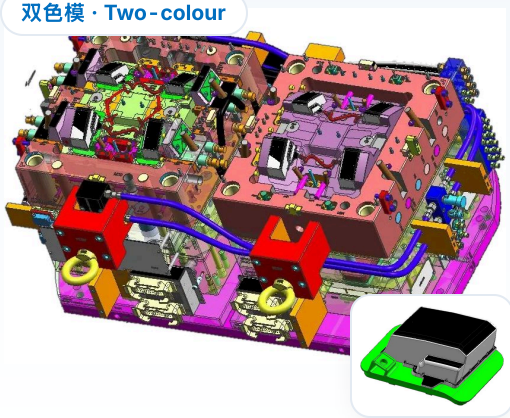
特斯拉 TESLA

双色充电枪

Two-colour charging gun

产品 Part	47 × 243 × 130
出模 Cavities	1×1
模具 Mould	790 × 600 × 559

双色模 · Two-colour



比亚迪 BYD

汽车内饰件

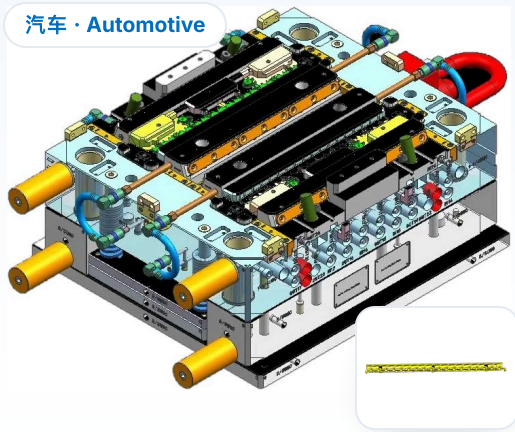
Interior part, two-colour

产品 Part	76.1 × 122.1 × 102.0
出模 Cavities	1+1+1+1
模具 Mould	1230 × 710 × 743

CASE STUDIES · 案例展示

汽车与精密零件

Automotive trim, connectors and precision strips. Dimensions in mm.

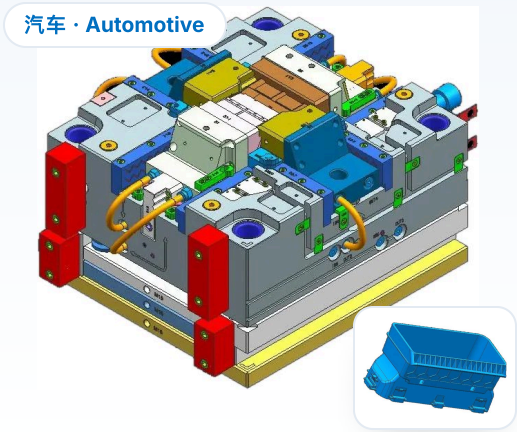


上汽集团 SAIC MOTOR

装饰条

Decorative strip

产品 Part	1288 × 180 × 400
出模 Cavities	1×1
模具 Mould	2350 × 1500 × 1334

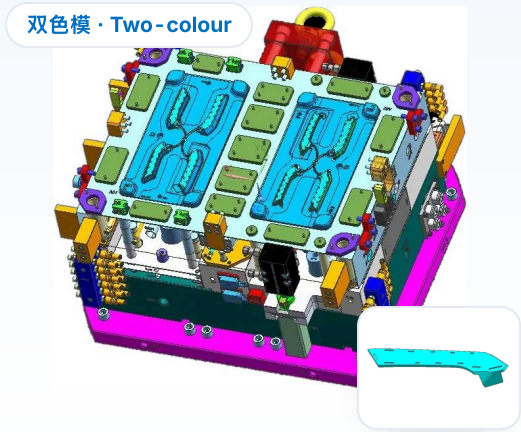


福特 FORD

汽车连接器

Automotive connector

产品 Part	642 × 275 × 76
出模 Cavities	1×1
模具 Mould	500 × 500 × 545

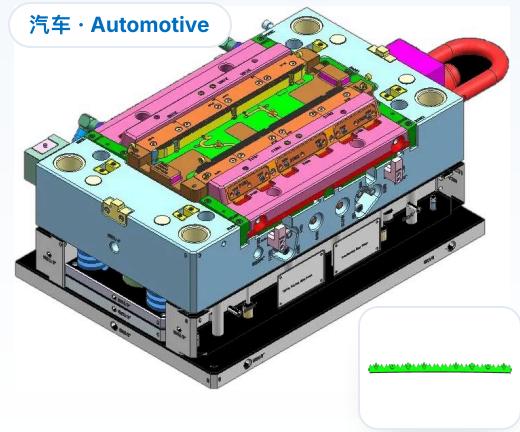


比亚迪 BYD

出风口氛围灯盖板

Air-vent ambient light cover

产品 Part	30.9 × 132.9 × 12.7
出模 Cavities	1+1+1+1
模具 Mould	900 × 760 × 651



法雷奥 VALEO

装饰条

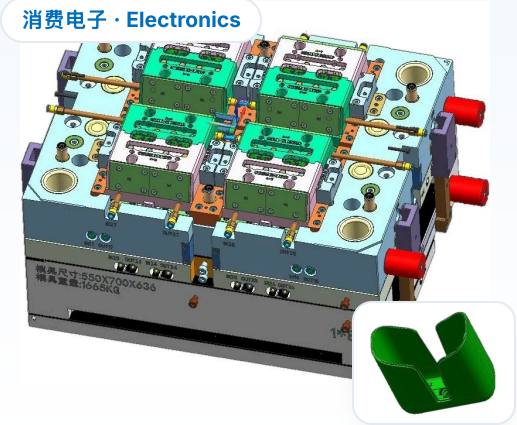
Decorative strip

产品 Part	16 × 337 × 22
出模 Cavities	1×2
模具 Mould	440 × 600 × 537

CASE STUDIES · 案例展示

消费电子与家电

Multi-cavity precision moulds for electronics and home appliances. Dimensions in mm.

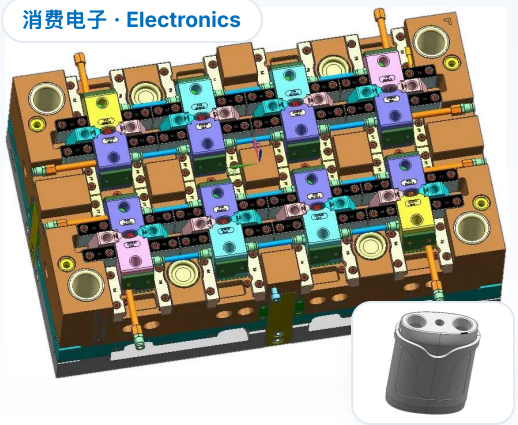


漫步者 EDIFIER

蓝牙耳机

Bluetooth earphones

产品 Part	24 × 49 × 60
出模 Cavities	1×8
模具 Mould	500 × 750 × 626

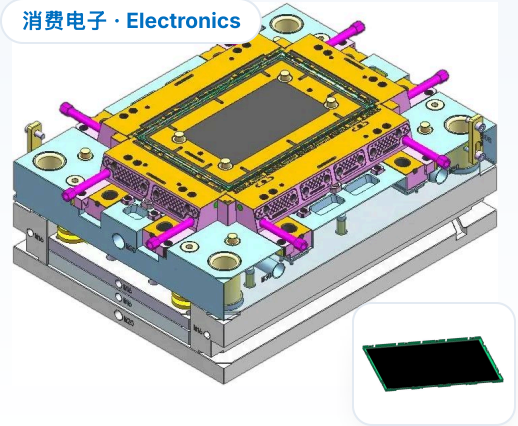


悦刻 RELX

电子烟油仓

E-cigarette pod

产品 Part	11 × 21 × 27
出模 Cavities	1×8
模具 Mould	400 × 670 × 451

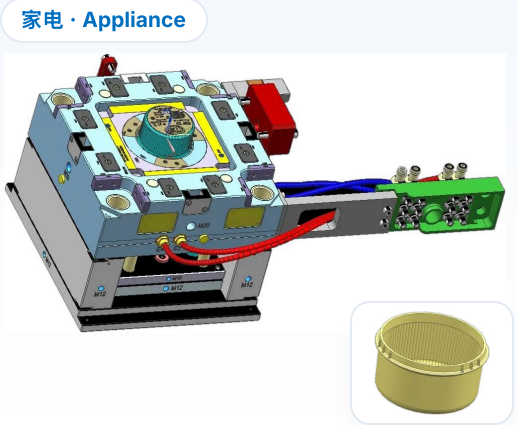


富士康 FOXCONN

笔记本胶框

Notebook frame

产品 Part	230.0 × 353.0 × 9.2
出模 Cavities	1×1
模具 Mould	500 × 650 × 35



美的 MIDEA

油盖

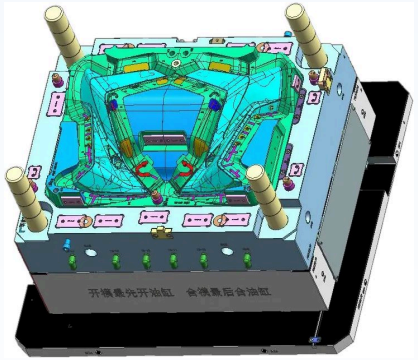
Oil cap

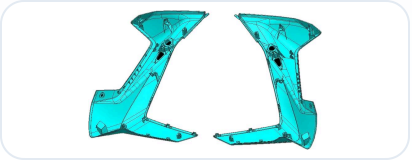
产品 Part	Φ107 × 55
出模 Cavities	1×1
模具 Mould	400 × 350 × 569

RUSH PROJECTS · 极速交付案例

关键时刻，交付更快。

When a deadline collapses, our co-design teams step in.





美国 PPD · PPD, USA

摩托车外壳 Motorcycle body shell

产品 401×641×157 | 出模 1×1 | 模具 1180×1100×692

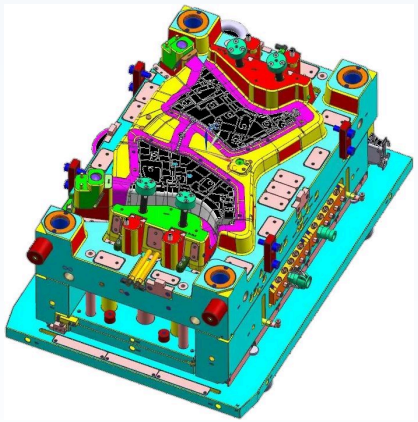
3D 第一版，完成度 85%
3D first version, 85% complete

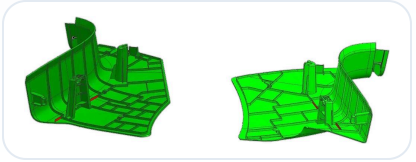
正常设计时间 · Normal	15 个工作日
客户要求 · Required	3 个工作日
实际完成 · Delivered	40 小时

客户临时休假，交期骤紧。多人协同设计，在客户休假前完成任务。

A customer holiday cut the schedule. Our co-design team finished before the customer left.

3.5 人协同设计 · 3.5 co-designers





上汽集团 · SAIC Motor

左右 C 柱下饰板 Left & right C-pillar lower trim

产品 416×325×121 | 出模 1+1 | 模具 1200×750×805

产品与模具 DFM + 3D 设计初稿
Product & mould DFM + first 3D draft

正常设计时间 · Normal	7 个工作日
客户要求 · Required	2 个工作日
实际完成 · Delivered	30 小时

项目从其他设计公司转来，7 天工期只剩 2 天。4 套立柱，30 小时完成 DFM 与初步 3D。

Transferred from another studio with 2 of 7 days left. 4 pillar sets: DFM and first 3D in 30 hours.

6 位主力设计师协同 · 6 senior designers

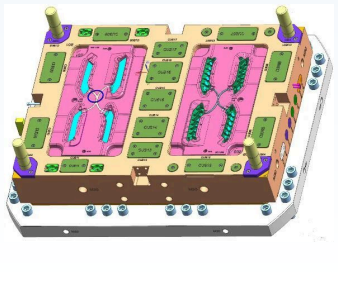
以上为特定紧急项目成果，非标准交期承诺。 Results from specific urgent projects, not a standard lead-time promise.

MOULD GALLERY · 模具设计图集

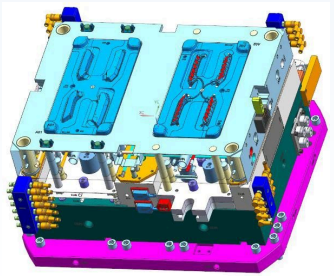
每一套，都是我们的设计。

Two-colour, rotary, unscrewing and core-pull moulds from our studio.

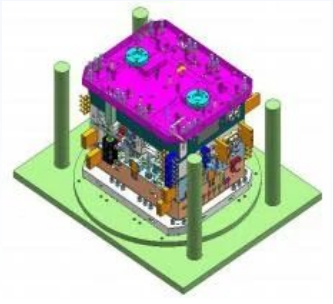
5000+
模具设计案例 · Mould design cases



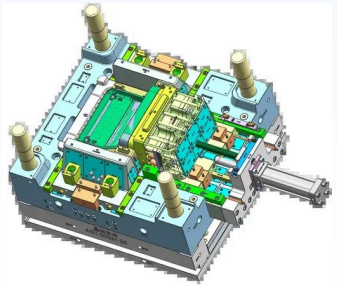
平行注射双色模
Parallel two-colour mould



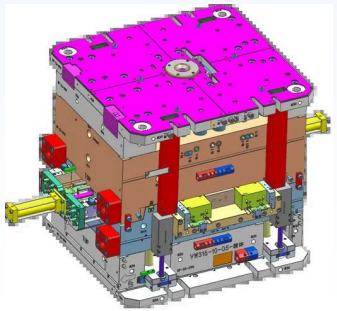
旋转托芯双色模
Rotary-core two-colour mould



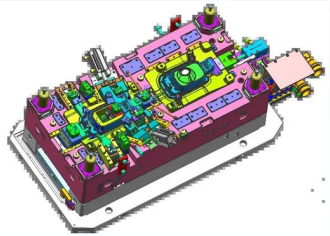
汽车双色模
Automotive two-colour mould



扫地机基站
Robot base station

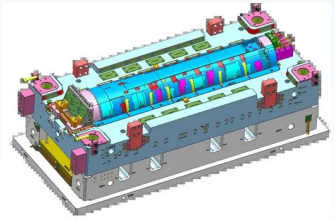


大众车载冰箱
VW car fridge

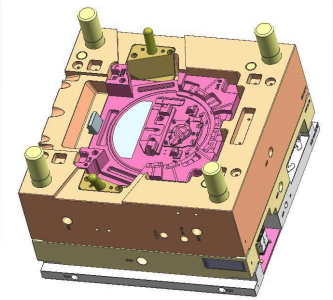


汽车加油口管
Fuel filler pipe

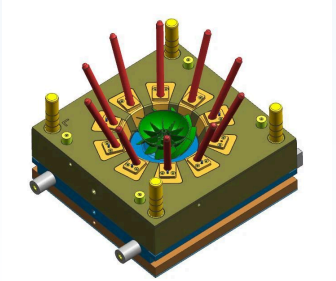
电子烟 6 工位转盘
E-cig 6-station rotary



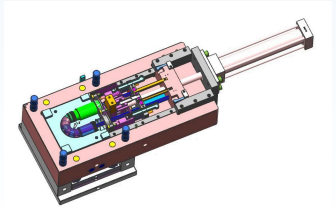
立式空调面板
Floor AC panel



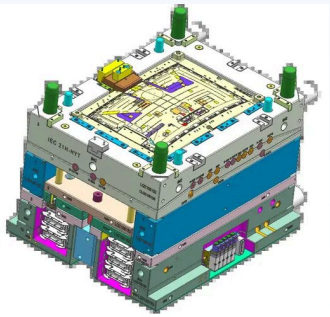
扫地机面壳
Robot vacuum top shell



叶轮模具
Impeller mould



180° 弯管抽芯
180° bent-pipe core pull



台式电脑后盖
Desktop PC rear cover

PRODUCT DESIGN · 产品设计图集

从外观到结构，一体化设计。

Industrial and structural design, ready for the mould.

800+
工业设计案例 · Industrial design cases

无人机
Drone

3D VR 眼镜
VR headset

安全头盔
Safety helmet

蓝牙耳机
Bluetooth earbuds

充电宝
Power bank

保温杯
Vacuum flask

鼠标
Mouse

手机支架
Phone stand

有线耳机
Wired earphones

头戴式耳机
Headphones

风扇
Hand fan

手机保护壳
Phone case

04

CHAPTER 04

合作流程

WORKING TOGETHER

01 合作客户 Clients

02 全球市场 Markets

03 八步合作流程 Eight-step process

04 交付内容 What you receive

CLIENTS & MARKETS · 合作客户

全球品牌，长期信赖。

Our designers have created moulds for leading brands in every sector we serve.

BYD · Tesla · BMW · Ford · Valeo · MAGNA · Delphi Technologies · FOXCONN HON HAI TECHNOLOGY GROUP · Midea · Hisense · SKYWORTH · TOSHIBA · HITACHI · EDIFIER 漫步者 · baseus 倍思 · TTI

上汽 · 悦刻
SAIC · RELX

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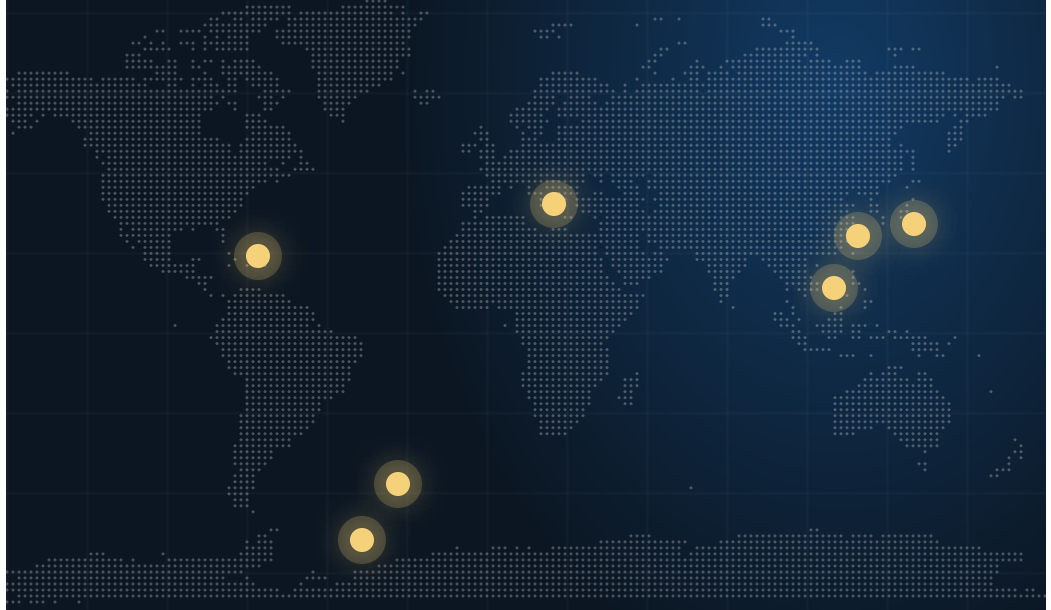
客户遍布全球

Customers across Asia, the Americas and Europe



亚洲 ASIA
中国 · 越南 · 日本
China · Vietnam · Japan

南美 S. AMERICA
巴西 · 阿根廷
Brazil · Argentina

欧美 EU · US
美国 · 德国
United States · Germany

HOW WE WORK · 合作流程

从产品到出图，八个步骤。

Clear roles and an independent review at every stage.

01
客户输入
YOUR INPUT
提供产品、模具要求与反馈。
Product, mould requirements and feedback.

02
设计指引表
DESIGN GUIDELINE
需求转化为设计指引表，团队统一执行。
Your needs become one guideline sheet.

03
产品与模具 DFM
DFM REVIEW
技术组与您一起评审可制造性。
Manufacturability reviewed with you.

04
主力工程师
LEAD ENGINEER
负责排位、分型方案与分工。
Layout, parting and task split.

05
协同设计
CO-DESIGN
模架、冷却、顶出与浇注系统。
Base, cooling, ejection and feed system.

06
审图
DRAWING CHECK
审核干涉、水路、填充与运动。
Interference, cooling, fill and motion.

07
收尾检查
CLOSE-OUT
倒角、刻字、图层与装配细节。
Chamfers, engraving, layers, assembly.

08
出图
RELEASE
发布 2D 与 3D 图纸、装配资料和 BOM。
2D and 3D drawings, assembly and BOM.

您将获得
What you receive

- **核心 3D / 2D 图纸** Core 3D / 2D drawings
- **总装图与说明** Assembly drawing & notes
- **物料清单 BOM** Bill of materials
- **全套图纸** Full drawing set

4h 报价 · 2 周交付

一格科技
YIGE
TECHNOLOGY

05

联系我们 · CONTACT US

准备好开始下一套模具设计了吗?

Ready for your next mould design? Send your part today.

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info@ygmould.cn
4 小时内报价 · Quote within 4 hours

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