



**EXPERTS IN SOLVING ALUMINUM  
MANUFACTURING PRODUCT SOLUTIONS**



**ANHUI  
GAOJIAN  
MACHINERY  
TECHNOLOGY**



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Anhui Gaojian Machinery Technology Co., Ltd.  
[ahgjx.com](http://ahgjx.com)

安徽高坚机械科技有限公司  
Anhui Gaojian Machinery Technology Co., Ltd.



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Refrigeration compressor	制冷压缩机
Electric drive	电驱动
Engine	发动机
Connecting rod	连杆
Other	其他

## 03 Competitive edge 竞争优势

Strong R & D capability	强大的研发能力
Excellent manufacturing capability	卓越的制造能力
Perfect assurance capability	完善的保证能力

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## 公司简介

### Anhui Gaojian Machinery Technology Co., Ltd.

#### 安徽高坚机械科技有限公司

Anhui Gaojian Machinery Technology Co., Ltd. is located in the long history, beautiful natural scenery, the ancient city of overlord during the Chu-Han War. The east side of Sixian city is close to G343 National Road, convenient transportation, extending in all directions. The company covers an area of 58,000 square meters, and has built and used 33,300 square meters, including more than 20,000 square meters of standardized factories and office buildings. The company is a research and development, production and sales as one of the high-end equipment manufacturing enterprises, is a national high-tech enterprise, specialized new Little giants enterprise, and set up a Anhui academician workstation. The company has a dust-free assembly workshop for engines, high-pressure fuel pumps and solenoid valves, a precision aluminum casting production workshop, a precision machining workshop, a product research and development center, a testing center, and a staff activity center.

The company has more than 300 employees, more than 90 senior personnel, including 40 technical research and development personnel.

The company has many years of aluminum manufacturing products production experience, is the international industry leading enterprises, domestic central enterprises, state-owned enterprises and other listed companies supporting enterprises.

安徽高坚机械科技有限公司坐落于历史悠久、自然秀美的“虹乡八景”、楚汉之争的霸王古城安徽泗县境内，东侧紧邻G343国道，交通便利、四通八达。

公司占地面积5.8万平方米，已建成使用3.33万平方米，其中标准化厂房及办公楼使用面积2万余平方米。公司是一家集研发、生产和销售为一体的高端零部件制造企业，是国家高新技术企业、专精特新小巨人企业，公司成立了省级院士工作站。公司建有发动机高压燃油泵、电磁阀无尘装配车间、精密铝铸造生产车间、精密机加工车间，拥有产品研发中心、检测中心、员工活动中心等。

公司现有员工300余人，中高级人员90余人，其中技术研发人员40人。

公司有多年的铝制造产品生产经验，是国际行业龙头企业、国内央企、国企等上市公司的配套企业。

# COMPANY PROFILE

## Company establishment 公司成立

Established: May 2019

Registered Capital: 3.6 million EUR

Output Value: 24.2 million EUR

Main Operations: High-end aluminum manufacturing products, pump and valve products

Factory area: Phase I covers 50 acres, with Phase II currently under development

成立时间: 2019年5月

注册资本: 3000万RMB

产 值: 20000万RMB

主要经营: 高端铝制造产品、泵阀类产品

工厂面积: 一期占地50亩，二期待开发中





## 企业文化

One small step or one big step We should all promote  
the progress of the industrial revolution  
企业使命：无论一小步还是一大步，都要带动工业革命的进步

Enterprise concept  
企业理念



### • 企业宗旨 Enterprise tenet

High standards, meticulous execution, zero defects  
高标准，精细化，零缺陷

### • 核心价值 Core values

Creating wealth for society and benefits for enterprises,  
Creating value for employees  
为社会创造财富、为企业创造效益、  
为员工创造价值

### • 经营理念 Management idea

Customer satisfaction is the eternal pursuit of businesses  
顾客满意是企业永恒的追求

### • 公平公正 Fair and just

The company adheres to the principles of fairness and justice,  
treating every employee with equality  
企业坚持公平公正原则，公平对待每一位员工

### • 以人为本 People oriented

Adhere to the people-first principle and resolutely safeguard  
the lives and safety of employees.  
Safeguard the interests of every employee  
坚持以人为本原则，坚决守护员工生命安全，  
切身维护好每一位员工利益

### • 追求卓越 Pursuit of excellence

Pursuing excellence to make the enterprise more outstanding and refined on  
its existing foundation  
追求卓越，在企业原有基础上使企业更出色，更完善

# CORPORATE CULTURE



## 体系建设

The company moved here in May 2019, applied for iatf16949 system certification in the automotive industry in April 2020, and obtained the three system certification in 2020.

公司于2019年5月成立，2020年4月申请汽车行业IATF16949体系认证，2020年取得三方体系认证证书。

## 发明专利

Anhui Gaojian Machinery Technology Co., Ltd. obtained various new product patent certificates.

安徽高坚机械科技有限公司成立以来取得的发明专利。

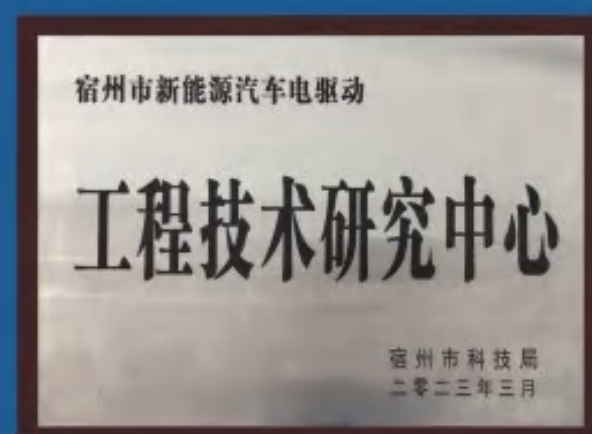
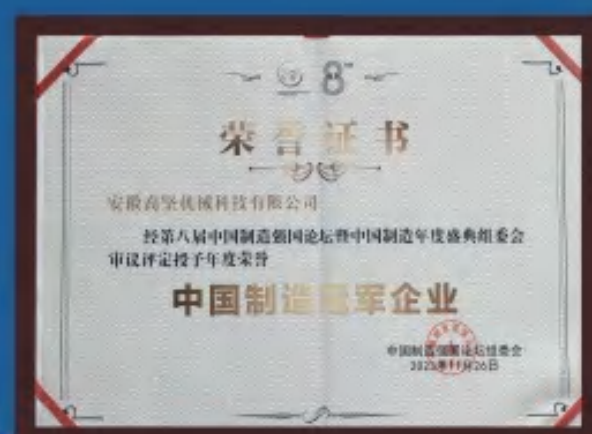
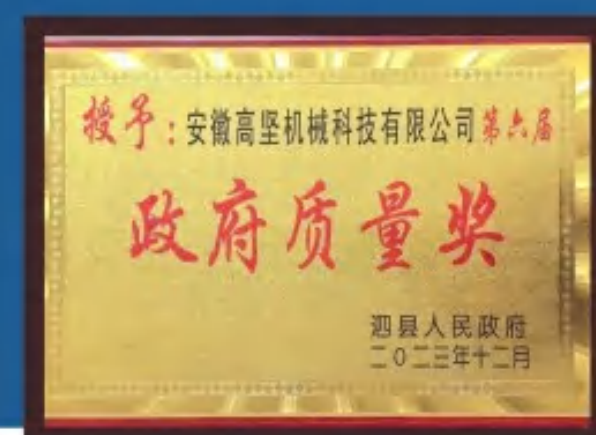
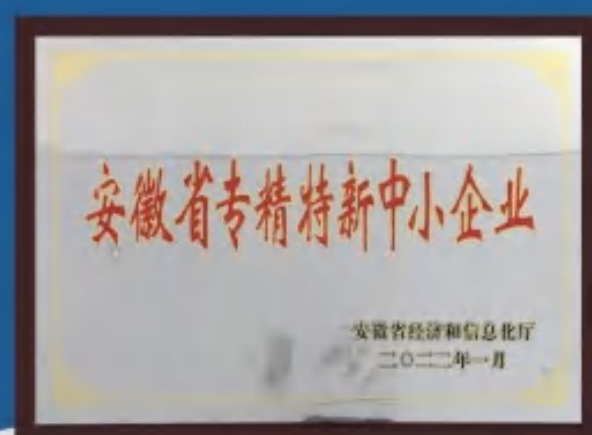
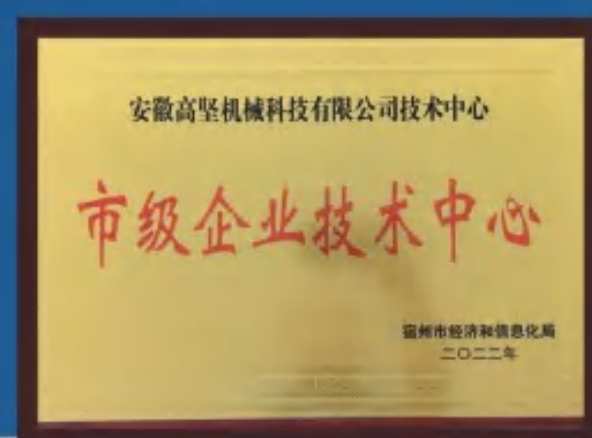
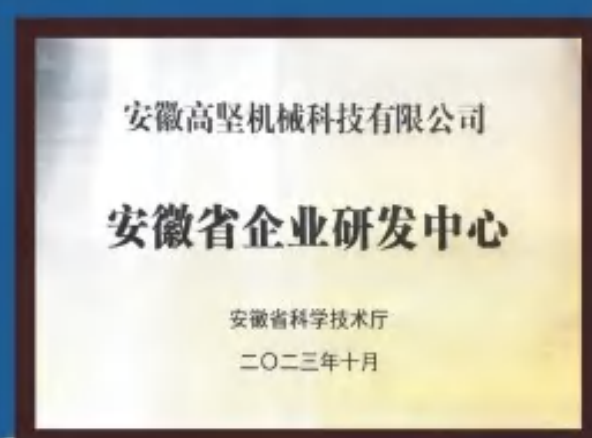
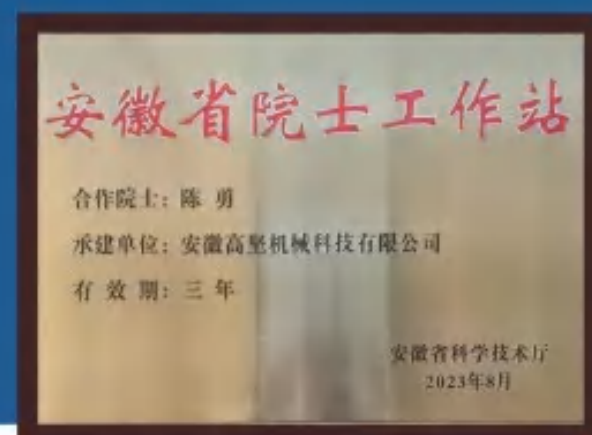
公司  
资质



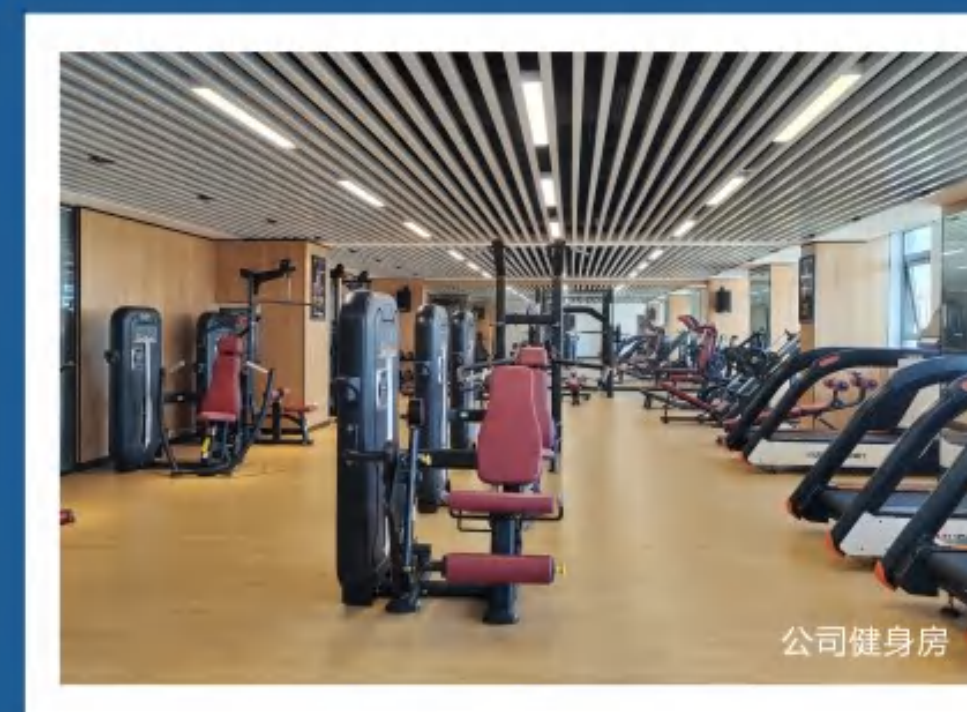
# COMPANY QUALIFICATION



## 企业荣誉



员工休息区



公司健身房



公司食堂



员工生日会

## EMPLOYEE CARE

员工  
关怀



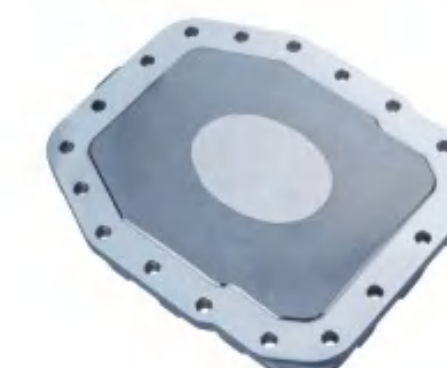
# 产品领域

# PRODUCT FIELD

## ► Refrigeration compressor 制冷压缩机

The company produces refrigeration compressor components such as cylinder heads, base plates, flanges, and housings, which are primarily used in refrigeration compressors and related fields. Our manufacturing processes include high-pressure diecasting, gravity casting, and low-pressure casting. The refrigeration compressor housings are produced using advanced low-pressure casting technology, which has undergone multiple improvements and earned several national patents. The quality meets advanced domestic standards. Currently, our products mainly support Danfoss BOCK factories in Germany, the Czech Republic, India, and China, as well as international and domestic brands such as Germany's Bitzer, Italy's Dorin, and Chery.

公司生产的制冷压缩机零部件有缸盖、底板、法兰、壳体等主要用于制冷压缩机等相关领域，我们生产的工艺有高压压铸、重力铸造、低压铸造；制冷压缩机机壳，采用先进的低压铸造工艺生产，经过多次改良，荣获国家多项专利，质量达到国内先进水平。目前主要配套丹佛斯BOCK德国、捷克、印度、中国工厂；德国比泽尔、意大利都凌、奇瑞等国内外品牌。





## ► Electric drive 电驱动

The company currently produces three main types of parts for new energy vehicle electric drive modules: housings, end covers, and end plates. These are manufactured using high-pressure die-casting processes, with machining performed on high-precision machining centers, CNC lathes, and other advanced domestic and international equipment, ensuring product quality meets domestic advanced standards. The products primarily serve new energy vehicle brands such as Wuling, Changan, Chery, and Bestune, with annual sales exceeding 250,000 units.

公司生产的新能源汽车电驱动模块零件目前主要有壳体、端盖、端板等三大类，采用高压铸造生产工艺，机加工采用高精度加工中心、数控车床等国内外先进设备，产品质量达到国内先进水平。目前产品主要配套五菱、长安、奇瑞、奔腾等新能源汽车，年销量25万套以上。



## ► Electric drive 发动机

The company's engine components primarily include various connecting pipes, transition pipes, camshaft bearing caps, and others, which demand high standards for airtightness, hardness, strength, and plasticity. Different production processes such as high-pressure casting, forging, and gravity casting are adopted based on the product structure. Currently, the products mainly supply Dongfeng Motor's various vehicle models.

公司生产的发动机零件目前主要有各类连接管、过渡管和凸轮轴承座等，产品对气密性、硬度、强度、塑性等要求高，根据不同产品结构分别采用高压铸造、锻造、重力铸造等生产工艺。目前产品主要配套东风各类车型。





## ► Connecting Rod 连杆

The company's annual production capacity for connecting rods exceeds 3 million sets, mainly used in fields such as air compressors and refrigeration central air conditioning compressors. Our manufacturing processes for connecting rods include aluminum high-pressure die casting, aluminum gravity casting, aluminum low-pressure casting, aluminum forging, and steel forging.

Currently, we mainly supply to Danfoss BOCK factories in Germany, Czech Republic, India, and China; as well as international brands such as Germany's Bitzer and Italy's Dorin.

公司生产的连杆年产能300余万套，主要用于空气压缩机、制冷中央空调压缩机等领域，我们的生产连杆的工艺有铝高压压铸、铝重力铸造、铝低压铸造、铝锻造、锻钢等。

目前主要配套丹佛斯BOCK德国、捷克、印度、中国工厂；德国比泽尔、意大利都凌等国际品牌。



## ► Other products 其他





竞争  
优势

## “STRONG R&D CAPABILITIES”

### ► Strong R&D capabilities 独立的研发团队



There were more than 40 R&D teams and 10 engineers. It won one provincial scientific and technological progress award and won the title of municipal Wanmei innovation team.

研发团队40余人，工程师10人，获得省级科技进步奖项1项，荣获市级皖美创新团队称号。

# COMPETITIVE EDGE

### ► Independent pilot workshop 独立的试制车间

The company has an independent trial production team and work shop, and new products, samples, and small batch production are completed by the technical team.

公司有独立的试制团队和试制车间，新品、样品和小批量生产由技术团队完成。



### ► Independent Mold Tooling Workshop 独立的模具工装车间

30% of the molds used in the company's production are made by oneself, and 100% of the fixtures are made by oneself.

公司生产所用模具百分之三十由自己制作，工装夹具百分之百由自己制作。





## “ OUTSTANDING MANUFACTURING CAPABILITIES ”

### ► Field Management 现场管理



The 6S system of the company aims to strengthen the standardized management of the company, improve the quality of employees, ensure the safety of employees, improve the quality of products and enhance the image of the company.

企业6S制度旨在加强公司的规范化管理，提升员工素养，保证员工安全，提高产品质量，提升企业形象。



### ► High-pressure die-casting production line 高压压铸生产线



With the advanced casting equipment of Anhui Gaojian as the main body, it is equipped with first-class R & D, processing and inspection equipment, supplemented by the concept of lean production and strict production execution system to form a highly automated and intelligent modern production line. The high-pressure die-casting production line has 280-1250 tons of die-casting machines. At present, it mainly produces connecting rods, automobile motor shells, front and rear end caps, etc.

以安徽高坚先进的铸造设备为主体，配套一流的研发，加工及检验设备，辅以精益生产的理念及严格的生产执行系统，组成高度自动化、智能化的现代生产线，高压压铸生产线设备有280吨-1250吨压铸机，目前主要生产连杆、汽车电机壳、前后端盖等。



## ► Low pressure, gravity casting production line 低压、重力铸造生产线



The company has a complete aluminum alloy low-pressure casting production line, adopts Wanfeng low-pressure casting machine, which is the leading level in the casting industry, and has a series of supporting facilities from mold design, sand core, casting, shot blasting, heat treatment and machining to meet various aluminum alloy castings with complex structure and high quality requirements. The products are widely used in the fields of automobiles, motorcycles, hardware Electromechanical, engineering machinery and so on.

公司具备完善的铝合金低压铸造生产线，采用铸造行业领先水平的万丰低压铸造机，拥有从模具设计、砂芯、铸造、抛丸、热处理、机加工一系列配套设施，满足各类结构形状复杂、质量要求高的铝合金铸件。产品广泛应用于汽车、摩托车、五金机电、工程机械等领域。





## ► Precision machining production line 精加工生产线

There are high-precision machining centers, CNC machine tools, CNC boring machines, Dali milling, drilling and tapping centers, precision engraving machines and other equipment for precision machining, and there is a constant temperature workshop and production line for precision machining. With the advanced casting equipment of Anhui Gaojian as the main body, it is equipped with first-class R & D, processing and inspection equipment, supplemented by the concept of clean production and strict production execution system to form a highly automated and intelligent modern production line.

精加工有高精度加工中心、数控机床、数控镗床、大力铣、钻攻中心、精雕机等设备，并设有精加工恒温车间生产线。

以安徽高坚先进的铸造设备为主体，配套一流的研发，加工及检验设备，辅以精益生产的理念及严格的生产执行系统，组成高度自动化，智能化的现代生产线。



## ► Forging production line 锻造生产线

The forging production line includes 630 ton forging machine, punch, hydraulic shaping machine, mesh belt furnace, bench drill, etc.

It mainly produces connecting rods, caps, camshafts and other products, with an annual output of 2 million.

锻造生产线有630吨锻造机、冲床、液压整形机、网带炉、台钻等。

主要生产连杆、托盖、凸轮轴等产品，年产量200万只。



## ► Dust-free assembly workshop 无尘组装车间

The dust-free assembly workshop is equipped with intelligent modern production lines, including full-automatic laser welding machine, hydraulic machine, full-automatic winding machine, pressure regulator, pressure limiting valve press fitting machine, simulation performance testing machine, air tightness testing machine and other equipment. Annual output of 300,000 sets of solenoid valves and high-pressure fuel pumps.

无尘组装车间配有智能化的现代生产线，包括全自动激光焊接机、液压机、全自动绕线机、调压器、限压阀压机、仿真性能测试机、气密测试机等设备。年产30万套电磁阀及高压燃油泵。





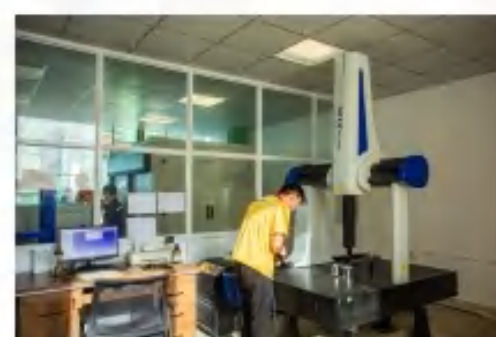


## “ PERFECT GUARANTEE ” CAPACITY

### ► Testing equipment 检测设备

The testing equipment includes three coordinate, X-ray nondestructive detector, spectrometer, hardness tester, profilometer, roughness tester, tensile machine, etc.

检测设备有三坐标、X光射线无损探伤仪、光谱仪、硬度计、轮廓仪、粗糙度仪、拉力机等。



### ► Quality management team 质量管理团队

Adhere to the quality policy of innovation, improvement and customer loyalty, improve the quality objective of customer satisfaction, meet the service purpose of customer use, and create a quality team suitable for the company. The team is fully staffed. From raw material inspection, process production, packaging inspection, finished product delivery, quality analysis, problem tracking, improvement and verification, special personnel are specially assigned to take charge of the project, and each process is independently inspected. All processes are free from leakage, good There is no lack of standard special post Commissioner inspection. The average age is 30 years old, with abundant energy and learning ability, and rich quality awareness and professional quality means.

秉以创新改进，顾客忠诚的质量方针，提高客户满意度的质量目标，满足客户使用的服务宗旨，打造适合公司的质量团队，团队人员配备齐全，从原材料检查、过程生产、包装检查、成品出货、质量分析、问题跟踪、改善验证专人专案负责，每道工序按标准自主检查，制程品质管控做到了不接受、不制造、不流出不合格品。团队平均年龄30岁，学习能力强，具创新、开拓能力，拥有强烈的质量意思及专业的管理手段。





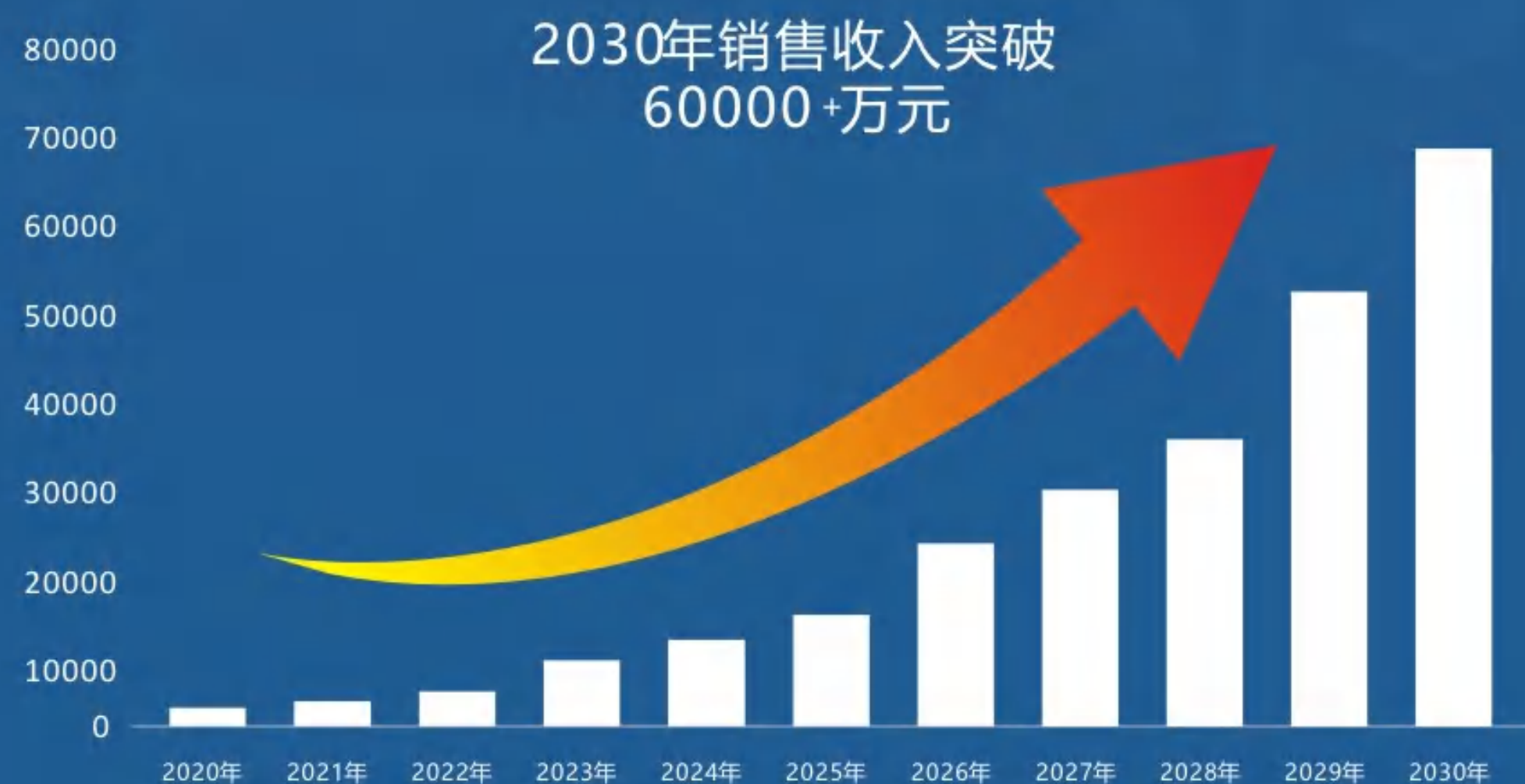
## 战略规划

# STRATEGIC PLANNING

## ► Company Development Plan 公司发展规划

- >>> Research and Development of Integrated Products
- >>> Implementing the Scientific Concept of Green Manufacturing
- >>> Strengthening R&D of Products with Independent Intellectual Property Rights
- >>> Focus on the development of brand awareness, environmental awareness, and standardization

- >>> 产品集成化的研发与制造
- >>> 落实绿色制造的科学发展观
- >>> 加强自主知识产权产品的研发
- >>> 注重品牌意识、环保意识和标准化的发展



## ► Domestic market 国内市场

Anhui Gaojian Machinery Technology Co., Ltd. has been taking technological innovation and win-win cooperation as its core strategy, providing customers with complete value-added supporting services, professional mold design and manufacturing, efficient and high-precision machining, and rich equipment experience. For Shanghai, Beijing, Shenzhen, Zhejiang and other places to provide customers with high quality high standard products, and strive to lead in the domestic market.

安徽高坚机械科技有限公司一直以技术创新，合作共赢为公司核心战略，为客户提供完善的增值配套服务，专业的模具设计制造，高效和高精度的机加工，以及丰富的装备经验。为上海，北京，深圳，浙江等多地客户提供高质量高标准产品，力争在国内市场处于领先地位。



## ► Foreign market 国外市场

Relying on its first-class casting equipment technology, Anhui Gaojian always insists on innovation and provides high-quality casting equipment for first-class enterprises at home and abroad. Our products are exported to Europe, America, Southeast Asia and other countries and regions, We plan to fully open the foreign market in three years.

安徽高坚依托于自身一流的铸造产品技术始终坚持创新，为国内外一流企业提供高质量的铸造产品。我们的产品远销欧洲、美洲、东南亚等国家和地区，计划在三年内将国外市场全面打开。





合作  
伙伴



BOCK

雪人股份  
SNOWMAN GROUP



LOVOL · DOOSAN



WEICHAI  
潍柴



BAUER  
KOMPRESSOREN



GEA



Danfoss  
丹佛斯



COOPERATIVE  
PARTNER

合作共赢

WIN-WIN COOPERATION

