



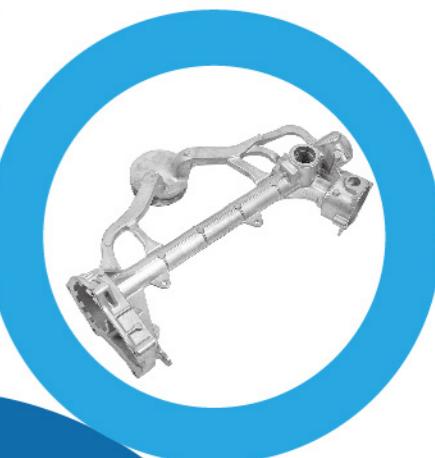
CREATE MOULD
**PRODUCT
BROCHURE**

宁波科莱特模具机械有限公司
NINGBO BEILUN CREATE MOULD MACHINE CO.,LTD

宁波科莱特模具机械有限公司
NINGBO BEILUN CREATE MOULD MACHINE CO.,LTD

地址：宁波市北仑区高档模具
工业园区璎珞河路98号
电话：0574-86106188 86109772
传真：0574-86102658
网址：www.nbcreate.com
E-mail:creat@vip.163.com

ADD: NO.98 Yingluo river Rd, High-grade mold
Industrial Park, Beilun, Ningbo, China.
Tel: 0574-86106188 86109772
Fax: 0574-86102658
<http://www.nbcreate.com>
E-mail: creat@vip.163.com



以人为本，永创新高

PEOPLE ORIENTED, CREATE THE NEW HIGH



公司简介

COMPANY PROFILE

宁波市北仑科莱特模具机械有限公司创建于1985年，总投资5000万元，是一家集压铸模具设计与制造、压铸生产、精加工为一体的优秀企业。本公司一期厂房坐落于宁波市北仑大研科技园区内，厂房建筑面积6000平米；公司二期厂房坐落于宁波市北仑高档模具园区，厂房建筑面积18000平米。现拥有员工近百人。

公司业务主要涉及制造大中型压铸模具（真空压铸模具、铝合金压铸模具、镁合金压铸模具、锌合金压铸模具）、压铸生产（真空压铸、铝合金压铸、锌合金压铸）、压铸产品精加工等。公司制造的压铸模具、压铸零件远销美国、欧洲、日本、韩国、台湾、中东等国家和地区。

公司引进各类国内外先进设备，十分重视质量管理、技术革新和效率提高。在模具生产中，我们全面实施计算机辅助（CAD/CAM/CAE），不断吸取国际模具行业先进技术，公司对高气密性产品的压铸模具设计和制造在国内同行业中处于领先地位，制造的模具和压铸产品赢得了国内外广大客户的信任和好评。

模具部现有高速CNC、龙门CNC、电火花（EDM）、慢走丝（WEDM）、中走丝（WEDM）、合模机、深孔钻、雕刻机和其它专用设备50余台。压铸部现有160吨~1600吨香港力劲全自动冷室压铸机和66吨~280吨香港力劲热室压铸机10余台，压机配有真空抽气泵等先进工艺设备。精加工部现有高精度CNC数控机床20多台。质检部现有X射线无损探伤仪1台、三坐标测绘仪2台、光谱分析仪1台和其它精密计量设备。

本着“以人为本，永创新高”的宗旨，积极引进与培养了一批具有优秀品质的人才，包括掌握高新技术的专业人才和具有丰富制模经验的高级技工。“信誉源自真诚”，长期以来本公司一直注重与客户的友好合作，为客户提供尽善尽美的售后服务。

一切为了提升员工与客户的满意度是我们科莱特人真诚的追求！

Ningbo Beilun Create Mould Machine Co., Ltd. founded in 1985, total investment of 50 million yuan, is an excellent enterprise in die-casting mould design & manufacture, die-casting production and CNC machining. The 6000 square meters workshops in first phase is located in Technology Park in Daqi Beilun Ningbo. The 18000 square meters workshops in second phase has been completed and put into operation this year, located in High-grade mold Park in Beilun Ningbo. Now we have employed nearly a hundred people.

The company's main business relates to the manufacturing of large and medium-sized die-casting mould (vacuum die-casting mould, Aluminum die-casting mold, zinc alloy die-casting mould), die casting production and CNC machining. our die-casting parts exported to the United States, Europe, Japan, Korea, Taiwan, the Middle East and other countries and regions.

Our company introduced all kinds of advanced equipment at home and abroad, attaches great importance to quality management, technical innovation and efficiency improvement. In the mold production, we fully implement the computer aided (CAD/CAM/CAE), constantly absorbing the international advanced technology and mould industry company of die-casting mold design and manufacturing in the leading position in the domestic industry with high air tightness products manufacturing. Our mould and die-casting products has won the domestic and foreign customers trust and praise.

The mold department has more than 50 machines including high-speed CNC, Longmen CNC, EDM, wire EDM, clamping machine, deep hole drilling, engraving machine and other special equipments. Die Casting Department has more than 10 die-casting machines including 160 tons ~1600 tons of LK HK automatic cold chamber die casting machines and 66 tons ~280 tons of LK HK hot chamber die casting machines equipped with vacuum pump and other advanced technology equipments. The CNC department has more than 20 high precision CNC machines. The Quality department has one X ray detector, two 3D control machine and other precision metering equipments.

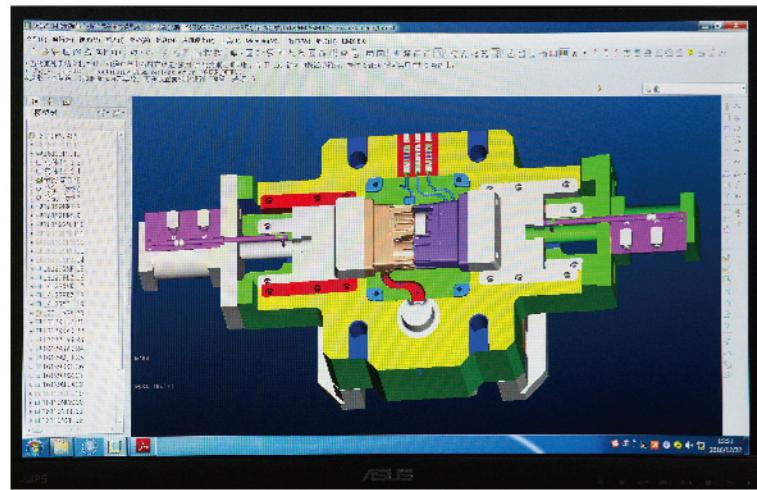
Our purpose is "People-oriented, Create the new high", and actively employ a number of outstanding employees, including high-tech professionals and extensive experience in modeling senior technicians. "Credibility from sincerity", the company has long been focused on the friendly cooperation with customers to provide our customers perfect after-sale services.

All in order to enhance employee and customer satisfaction is our sincere pursuit!

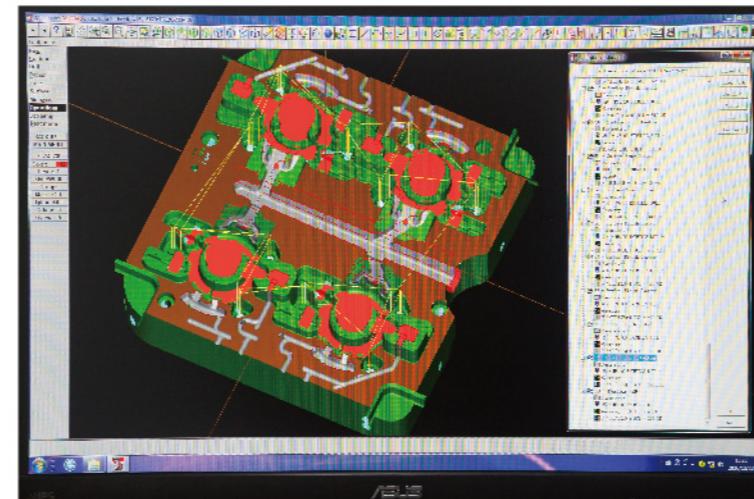
技术团队

TECHNICAL TEAM

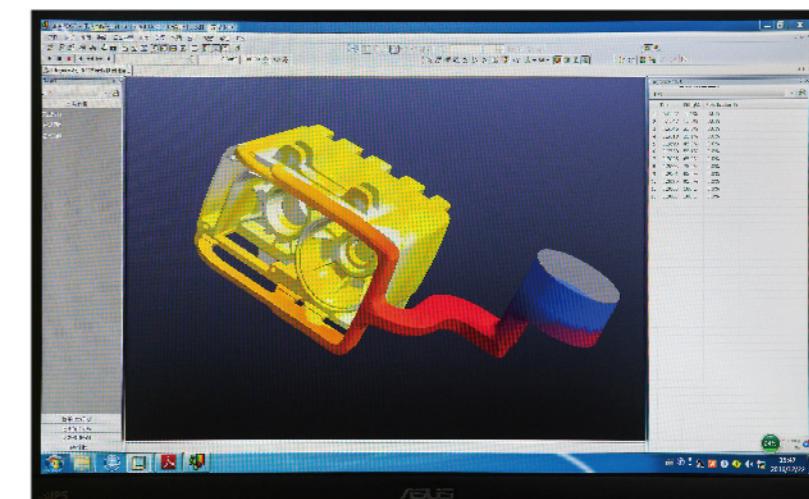
- ▶ 我们拥有经验丰富的技术团队，在产品开发策划阶段，协助客户制定压铸件开发、压铸模具设计、压铸件后续加工及表面处理的工艺方案，以缩短开发周期、提高质量、降低成本。
- ▶ 我们有具备中、英文沟通能力的项目经理。
- ▶ 我们能提供三维模拟分析报告，包括：速度场、温度场、凝固的模拟分析，对压铸过程可能出现的缺陷、风险提出解决方案。
- ▶ We have experienced technical team to assist our customers to design the mould and make the surface treatment process plan to shorten the development cycle, in order to improve the part quality, reduce the costs.
- ▶ We have project managers with Chinese and English communication skills.
- ▶ We can provide simulation analysis report, including: velocity field, temperature field, solidification simulation in analysis report and we can propose solutions to possible defects and risks in the die-casting process.



CAD



CAM



CAE

生产车间—模具部

MOLD DEPT

工欲善其事，必先利其器

SHARP TOOLS MAKE GOOD WORK

► 系列完整的加工设备

公司引进各类国内外先进设备，模具部现有高速CNC、龙门CNC、电火花（EDM）、慢走丝（WEDM）、中走丝（WEDM）、合模机、深孔钻、雕刻机和其它专用设备50余台。目前模具精度已经控制在 $\pm 0.02\text{mm}$ - $\pm 0.03\text{mm}$ 。

► 自动化控制

在模具生产中，我们全面实施计算机辅助（CAD/CAM/CAE）。不断吸取国际模具行业先进技术，公司对高气密性产品的压铸模具设计和制造在国内同行业中处于领先地位。

► 优秀的技师团队

模具技术中心拥有一支高素质资深的模具工程设计队伍与制模技师，工程师均有专科、本科学历或有从业数十年的工作经历。

► Complete series of die casting equipment

The company introduced all kinds of advanced equipment, mold department of the existing high speed CNC, Longmen CNC, EDM, wire EDM (EDM) (WEDM), wire (WEDM), die Machine, deep hole drilling, engraving machine and other special equipment more than 50 units. At present the mold precision has been controlled at $\pm 0.02\text{mm}$ - $\pm 0.03\text{mm}$.

► The automatic control

In the mold production, we fully implement computer aided (CAD/CAM/CAE). Continue to learn from the international mold industry advanced technology, the company's high airtight products die casting mold design and manufacture in the domestic industry in a leading position.

► The excellent team of technicians

Mold technology center has a high-quality senior mold engineering design team and mold technicians, engineers have a specialist, bachelor degree or have worked for decades of work experience.



▲ 模具加工车间 (1)
MOLD WORKSHOP(1)



▲ 模具加工车间 (2)
MOLD WORKSHOP(2)



▲ 合模机
CLAMPING MACHINE



▲ 慢走丝
WEDM

生产车间一压铸部

DIE-CASTING DEPT

精准高效，快速稳定

ACCURATE, EFFICIENT, FAST AND STABLE

► 系列完整的压铸设备

吨位：160T、280T、400T、500T、630T、800T、1250T、1600T全自动冷室压铸机。88T、160T、280T热室压铸机。高效清洁的集中熔化炉，适合多种型号铝合金同时生产。

► 自动化的周边设备

送料机械手、喷涂机械手、取件机械手；模温控制恒温系统；红外线温度测量仪。

► 可生产铝件重量：0.02kg~18kg。

► Series of complete die-casting equipment

Tonnage: 160T, 280T, 400T, 500T, 630T, 800T, 1250, 1600T automatic cold chamber die-casting machine. 88T, 160T, 280T hot chamber die-casting machines Efficient and clean concentrated melting furnace suitable for various models of aluminum alloy production at the same time

► Automatic assistances

Feeding manipulator, spraying manipulator, fetching manipulator, model constant temperature control system; infrared temperature measuring instrument.

► We can produce aluminum part weight from 0.02kg~18kg.



▲ 压铸车间一角
DIE-CASTING WORKSHOP



▲ 压铸车间
DIE-CASTING WORKSHOP

► 用我们成熟的制造经验和技术，受控、稳定的制造过程，为客户持续提供高精密的压铸产品。

► With our mature manufacturing experience and technology to provide high precision die-casting products for our customers.



▲ 全自动压铸生产现场
AUTO DIE-CASTING PRODUCTION LINE

生产车间一精加工

CNC MACHINING DEPT

趋于完美，终于极致

TEND TO BE PERFECT, AND FINALLY THE ULTIMATE

- ▶ 我们有效的满足客户的不同需求，为客户提供更加全面的增值服务！
- ▶ 精加工部现有配套完整、不同规格的高精度CNC加工中心、数控机床20多台，同时具备表面处理、浸渗、泄漏压力测试、组装生产等能力。



▲ 精加工车间 (1)
CNC MACHINING WORKSHOP(1)



▲ 精加工车间 (2)
CNC MACHINING WORKSHOP(2)

- ▶ Effectively meet the different needs of customers, to provide customers with a more comprehensive value-added services!
- ▶ The CNC department has more than 20 high precision CNC machines with capacity of surface treatment, infiltration, leak pressure testing and assembling.

质 检

QUALITY CONTROL DEPT

质量引领未来！

QUALITY LEADS THE FUTURE

- ▶ 以质量求生存，以精品赢市场，以顾客满意为我们最终目标。
- ▶ 以先进的技术、高精的设备、严格的受控为顾客提供精密的模具与铸件产品是我们永恒的追求！



▲ X射线无损探伤仪
X-RAY Flaw detector



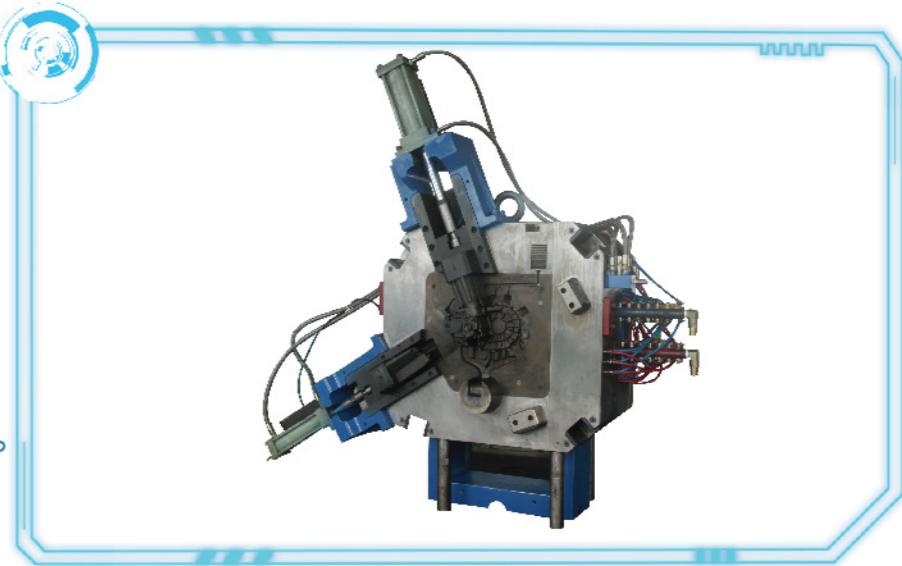
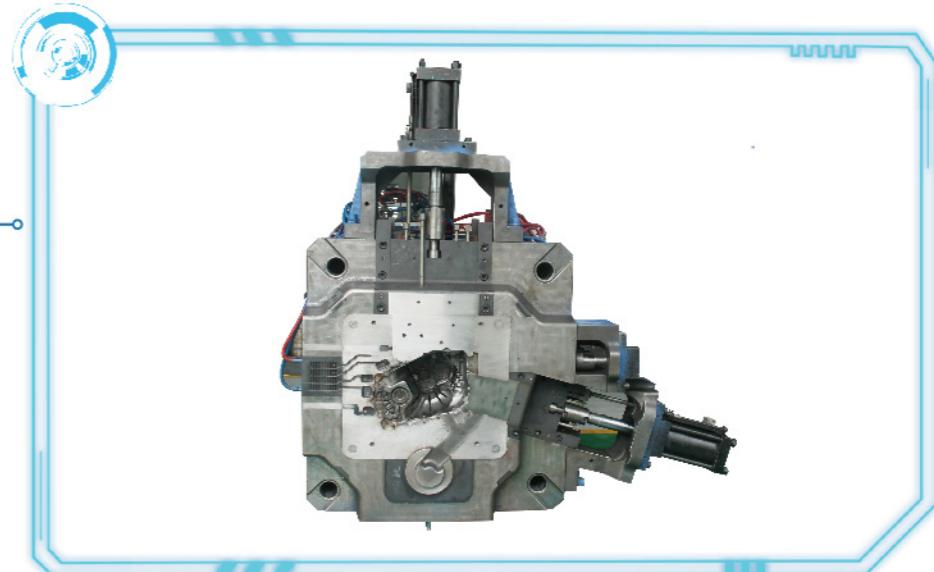
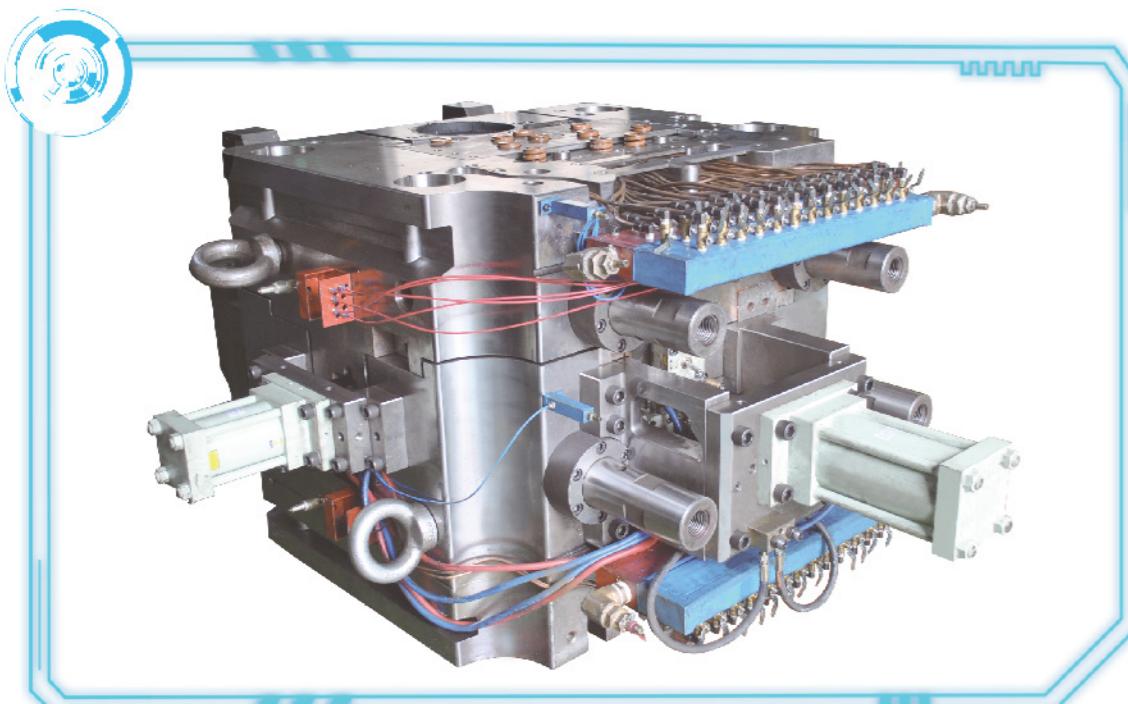
▲ 三坐标测绘仪
3D Measuring Machine

- ▶ Survival with good quality parts in the competitive market, and customer satisfaction is our ultimate goal.
- ▶ Using advanced technology and high-precision equipments to provide our customers sophisticated mold and die-casting products is our eternal pursuit!

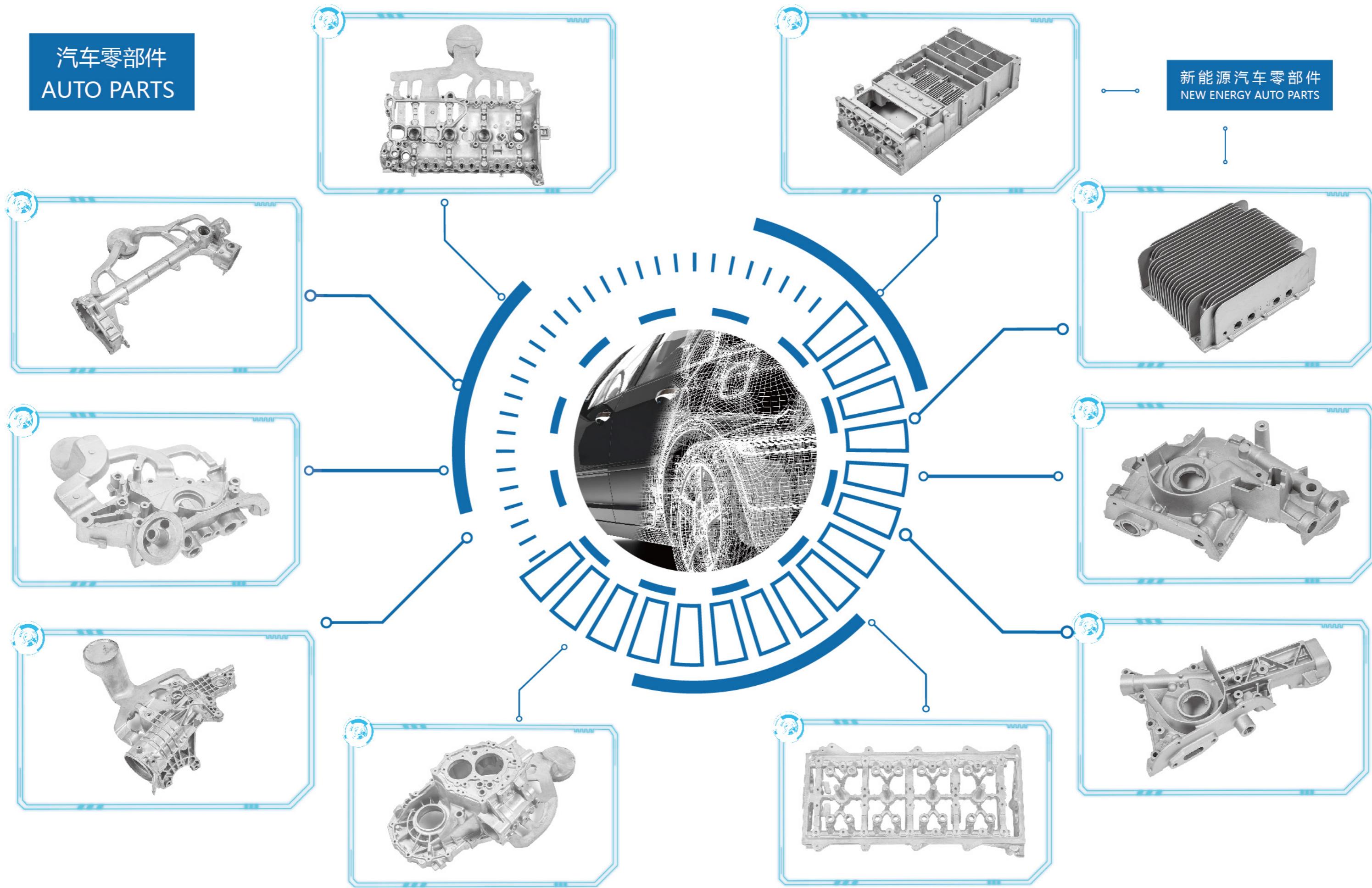
模 具

MOULD

- ▶ 模具设计：合理的设计、先进的技术、规范的工艺，为客户缩短开发周期，降低开发成本，提高生产效率，降低故障概率，提高使用寿命。
- ▶ 材质保证：我们承诺所有材质、配件均来自正规优质厂家，随货提供原厂的材质证书与热处理报告。
- ▶ 售后服务：我们承诺模具终身维护和保养，第一次：7000-10000模次做应力消除、保养，以后每隔10000模次做应力消除、保养一次。模具使用中有任何问题，我公司随时提供技术支持或在两个工作日内负责派人处理。
- ▶ Mold design: Using rational design and advanced specification of the process to shorten the development cycle, reduce the development costs, improve production efficiency, reduce failure rate, and improve the mold life cycle.
- ▶ Material guarantee: we provide raw material certificate and heat treatment report.
- ▶ After-sale services: we will provide mold maintenance, the first time: after 7000-10000 die-casting production, we will provide stress elimination & maintenance services, then after every 10000 mold cycle, we will provide the same services as well. Any problems during the production process, our company will provide technical support at any time or we will ask our engineers to deal with the problems in two working days.



汽车零部件
AUTO PARTS

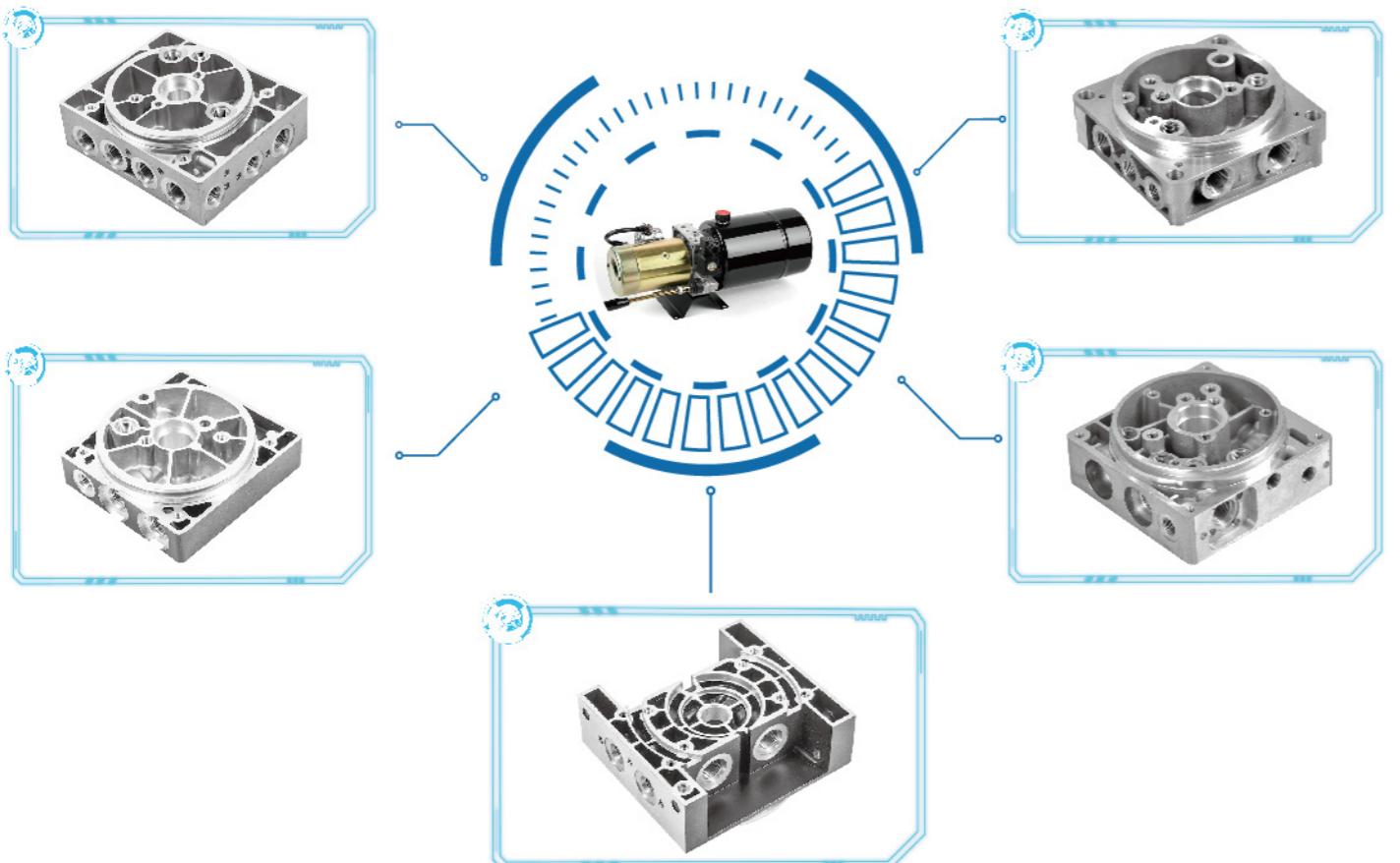


新能源汽车零部件
NEW ENERGY AUTO PARTS

液压动力单元 HYDRAULIC POWER UNIT

► 我公司自2005年起为国内外各大厂家专业制造液压动力单元阀块，其特点为气密性好、无气孔、无砂眼、无缩孔，可承受35~45Mpa油压长期反复工作，替代了传统铸铁或铝型材加工件，大幅降低成本、提高生产效率。

► Since 2005, we provide professional die casting aluminum valve to the customers all around the world, which is characterized by no porosity, no shrinkage, can withstand the 35~45Mpa oil pressure for a long time to work. It has fully guaranteed the use of the product requirements, significantly reduce the cost, and improve the production efficiency.



LED节能灯具系列 LED LAMP SERIES



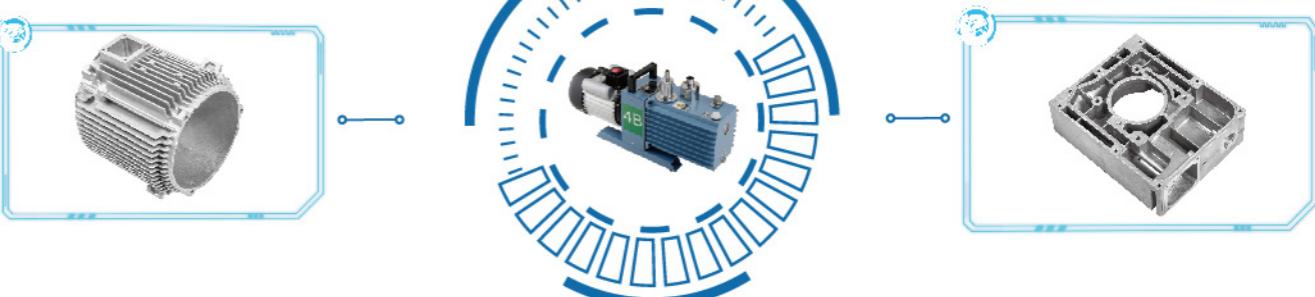
镁合金系列 MAGNESIUM ALLOY SERIES



通讯器材系列 COMMUNICATIONS EQUIPMENT SERIES



机电电器类部件系列 ELECTROMECHANICAL COMPONENTS SERIES



锌合金压铸系列 ZINC ALLOY DIE CASTING SERIES

