

KAIHUA

METAL PRODUCTS

铸造人间精品

凯华金属

唐县凯华金属制品有限公司

TANGXIAN KAIHUA METAL PRODUCTS CO., LTD



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Company Profile

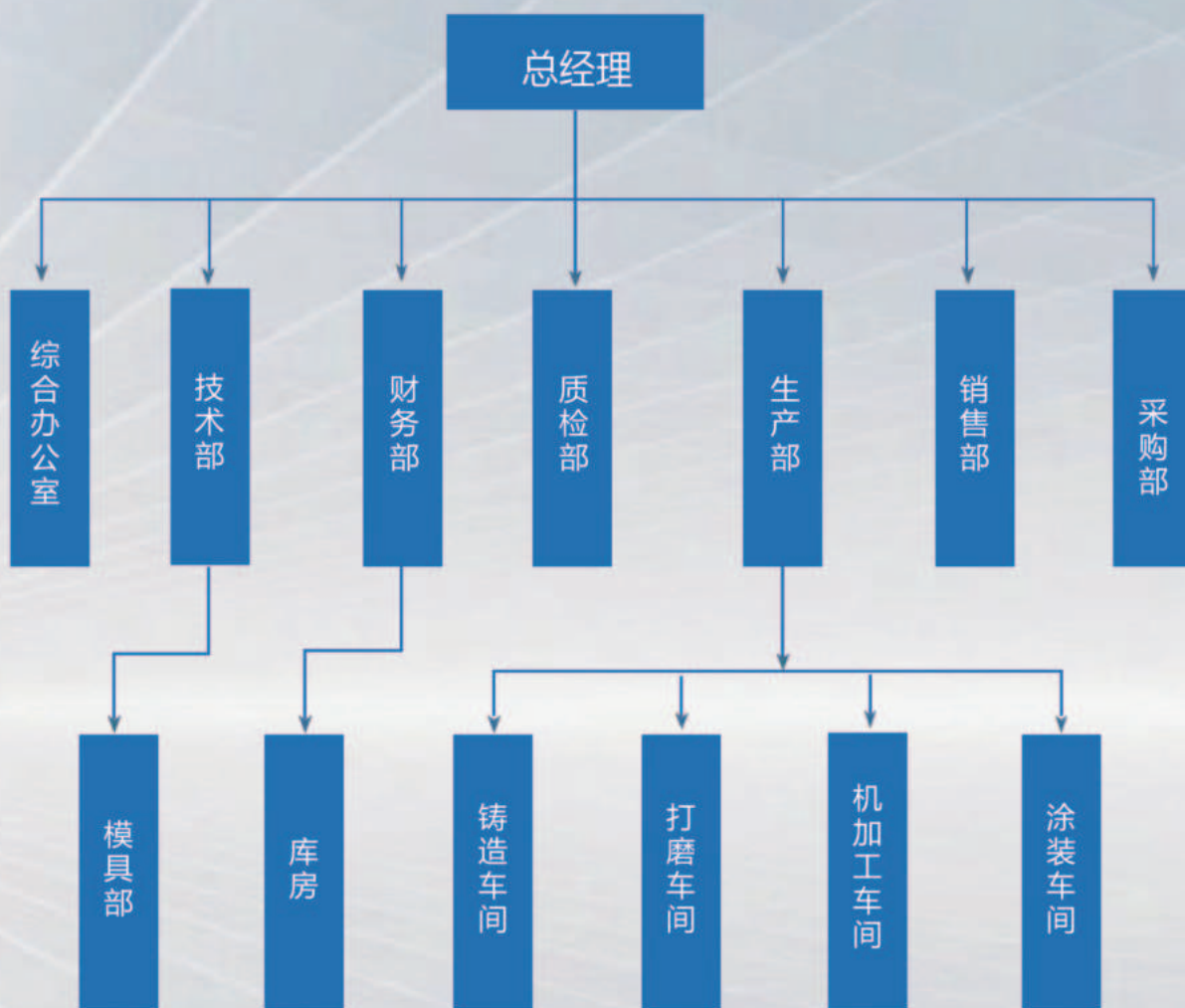
公司简介

唐县凯华金属制品有限公司成立于 2010 年，注册资金 900 万元，厂区坐落在河北省保定市唐县经济开发区长古城工业园区，主要产品有离合器压盘、离合器盖、制动底板配件以及工程机械配件。我公司自成立以来，始终坚持制造优质产品为宗旨，开发高端装备零部件，历经 10 余年的成长，企业得到了市场的认可和客户的赞誉，在业界获得了极好的口碑。我公司现有 2 吨中频感应电炉 3 台，静压造型生产线 1 条，自动浇注机 1 台，迪砂混砂机 1 台，可年产铸件可达 30000 吨。公司拥有配套机加工车间，年加工铸件 300000 件。公司已经顺利通过了 IATF16949 质量体系认证，产品出口英国、美国、德国、意大利、澳大利亚等国家。汽车配件类产品已与重汽（济南）车桥有限公司、南昌久耐公司、浙江铁流、湖北三环等汽车零部件制造厂配套合作，工程机械类与山东山推欧亚托机械有限公司配套，产品种类已达 200 余种。公司以“一切为顾客着想，实现顾客不满意率为零，严格管理、强化企业、高质量占领市场”的宗旨，树立“持续改进”的思想，开拓“内外贸并举”的市场，采用现代管理方法，提升公司管理水平，为我国铸造行业的发展做出贡献。

Tang County Kaihua Metal Products Co., Ltd. was established in 2010 with a registered capital of 9 million yuan. The factory is located in Changgucheng Industrial Park, Tang County Economic Development Zone, Baoding City, Hebei Province. Its main products include clutch pressure plates, clutch covers, brake base plate accessories, and engineering machinery accessories. Since its establishment, our company has always adhered to the purpose of manufacturing high-quality products and developing high-end equipment components. After more than 10 years of growth, the enterprise has received market recognition and customer praise, and has gained excellent reputation in the industry. Our company currently has 3 medium frequency induction furnaces with a capacity of 2 tons, 1 static pressure molding production line, 1 automatic pouring machine, and 1 sand mixing machine. It can produce up to 30000 tons of castings annually. The company has a supporting machining workshop, with an annual processing capacity of 300000 castings. The company has successfully passed the IATF16949 quality system certification, and its products are exported to countries such as the UK, the United States, Germany, Italy, and Australia. We have been cooperated with automobile parts manufacturers such as Heavy Duty Truck (Jinan) Axle Co., Ltd., Nanchang Jiunai Company, Zhejiang Tieliu, Hubei Sanhuan, etc. and with engineering machinery products manufactures including Shandong Shantui Ouyatuo Machinery Co., Ltd., We have expanded over 200 product types. The company adheres to the principle of "putting everything into the customer's consideration, achieving zero customer dissatisfaction rate, strict management, strengthening the enterprise, and occupying the market with high quality", establishes the concept of "continuous improvement", expands the market of "domestic and foreign trade simultaneously", develops modern management methods, improves the company's management level, and contributes to the development of China's casting industry.

ORGANIZATION CHART

组织架构图





全自动静压造型线 / Automatic static pressure molding line



自动浇注机 / Automatic pouring machine

A

生产设备 - 铸造设备简介

PRODUCTION EQUIPMENT - INTRODUCTION OF FOUNDRY EQUIPMENT

设备名称 Equipment name	数量 Quantity	规格 Specifications	备注 Remarks
中频感应电炉 Medium frequency induction furnace	4	2T	综合年生产 铸件 30000 吨 Comprehensive annual production 30000 tons of castings
自动静压生产线 Automatic static pressure production line	1	1200*1100*310 (半模) (Half mold)	
砂处理生产线 Sand treatment production line	1	100T/H	
DISA 混砂机 DISA Sand mixing machine	1		
自动浇注机 Automatic pouring machine production line	1		



2T 电炉 / 2T electric furnace



混砂机 / Sand mixing machine



砂处理生产线 / Sand treatment production line

B

生产设备 - 机加工设备

PRODUCTION EQUIPMENT - MACHINING EQUIPMENT

设备名称 Equipment name	数量 Quantity	备注 Remarks
普通车床 / Common lathe	6 台 (sets)	综合年加工能力 30 万件 Comprehensive annual processing Capacity 300000 pieces
数控车床 / CNC lathe	7 台 (sets)	
数控立式车床 / CNC vertical lathe	6 台 (sets)	
立式加工中心 / Vertical machining center	19 台 (sets)	
龙门加工中心 / Gantry machining center	1 台 (sets)	
铣床 / Milling machine	4 台 (sets)	
动平衡机 / Dynamic balancing machine	1 台 (sets)	
卧式加工中心 / Horizontal machining center	2 台 (sets)	
数控加工中心 / CNC machining center	5 台 (sets)	
数控立车 / NC vertical vehicle	3 台 (sets)	



加工中心 / Machining Center



数控车床 / CNC lathe



机加工车间一角 / A corner of a machining shop



卧式加工中心 /

C 质量控制 QUALITY CONTROL

技术人员 (Technicians)

质量部人员编制 10 余人，本科学历 5 人，专科学历 5 人，行业经验均在 5 年以上，在同行业处于较高水平。产品检验工作完全按照 IATF16949 体系要求和凯华质量标准进行。

The quality department has over 10 personnel, including 5 with undergraduate degrees and 5 with associate degrees. They have over 5 years of industry experience and are at a relatively high level in the same industry. The product inspection work is fully carried out in accordance with the requirements of the IATF16949 system and the quality standards of Kaihua.

实验室能力 (Laboratory capability)

- 1、所需原材料物理性能及化学成分测试；
Testing the physical properties and chemical composition of required raw materials;
- 2、型砂性能测试 ;Sand performance testing;
- 3、产品化学成分测试； Product chemical composition testing;
- 4、产品金相检测 ;Product metallographic testing;
- 5、产品外观检验； Product appearance inspection;
- 6、产品机械性能测试 Product mechanical performance testing
- 7、产品尺寸及形位尺寸检测； Product size and form dimension inspection;
- 8、耐腐蚀实验。Corrosion resistance experiment.
- 9、涂层检测。Coating inspection

理念及需求 (Ideas and needs)

秉承质量是企业的第一生命力为理念，以客户需求为目标、体系要求为方法，以保证客户产品的质量需求。通过对原材料及辅料的控制、生产过程控制、产品终检完成对质量的全面控制。整套检验流程，随着检验流程的精细化，检测工具智能化，未来凯华产品质量将更具竞争力。

We are always adhering to the concept of quality as the primary vitality of the enterprise, with customer needs as the goal and system requirements as the method, to ensure the quality requirements of customer products. We complete comprehensive quality control through the control of raw materials and auxiliary materials, production process control, and final product inspection. With the complete inspection process, with the refinement of the inspection process and the intelligence of testing tools, Kaihua will make the quality more competitive in the future.



C 质量控制 QUALITY CONTROL

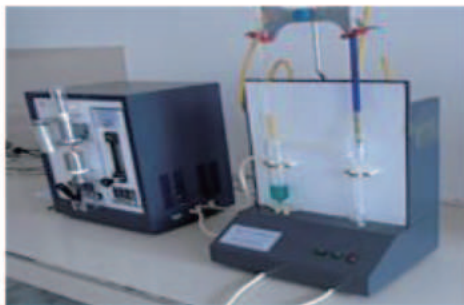
物理 & 化学检测设备 (Physical & chemical testing equipment)	
1、直读光谱仪 Direct reading spectrometer 2、碳硫分析仪 carbon and sulfur analyzer 3、万能拉力试验机 universal tensile tester 4、布氏硬度计 Brinell hardness tester 5、金相显微镜 metallographic microscope	
型砂 & 辅料检测设备 (Sand & excipient testing equipment)	
1、马弗炉 muffle furnace 2、自动虹吸式洗砂机 automatic siphon sand washer 3、双盘红外烘干机 dual disk infrared dryer 4、吸蓝量检测仪 blue absorption detector 5、锤击试样机 hammering sample machine 6、液压试验机 hydraulic tester 7、透气性测定仪 air permeability tester	
产品检测设备 (Product testing equipment)	
1、三坐标测量机 CMM2	2、盐雾试验机 Salt Spray Tester



炉前分析仪 / Analyzer before furnace



型砂检查设备 / Sand inspection equipment



碳硫分析仪 / Carbon and sulfur analyzer



直读光谱仪 / Direct reading spectromete

C 质量控制

· QUALITY CONTROL



布氏硬度计
Brinell hardness hardness tester



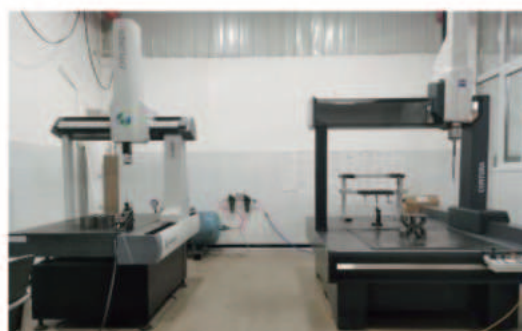
全相显微镜
Metallographic microscope



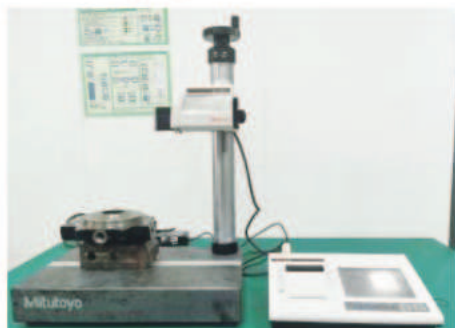
万能拉力试验机
Universal tensile tester



盐雾试验机
Salt spray tester



三坐标测量仪 CMM



粗糙度测量仪



轮廓测量仪

D 技术力量 TECHNOLOGY POWER

技术部人员：技术部现在共有 9 人，其中部长 1 人，工程师 8 人。
Technical Department Personnel: There are currently 9 personnel in the technical department, including 1 director and 8 engineers.

工作分工 Division of labor	技术人员数量 Number of technical personnel	备注 Remarks
模具工程师 Mold Engineer	1	
铸造工程师 Foundry Engineer	2	
配料工程师 Ingredients Engineer	1	
铸造现场工程师 Casting Site Engineer	1	
机加工工程师 Machining Engineer	1	
机加工现场工程师 Machining site engineer	1	
型砂工程师 Sand Engineer	1	



E

产品 PRODUCT



430 压盘 /430 pressure plate



430 压盘 /430 pressure plate



机器人三角架 /



机器人转座 /

E

产品 PRODUCT



机器人基座 /



变速箱体 /



紧急阀体 /



阀座 (高铁) /

E

产品 PRODUCT



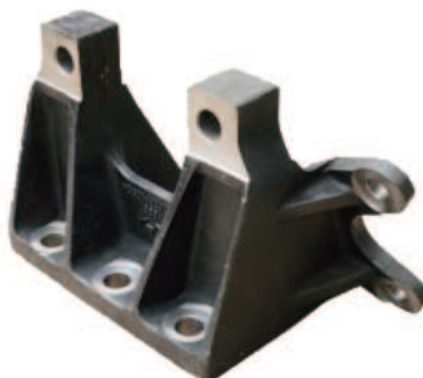
制动鼓 /



制动底板 /



气室支架 /



气室支架 /

E

产品 PRODUCT



支架总成 / Bracket assembly



齿轮室盖 / Gear housing cover



气室支架 /



上推力杆支架 / Upper push rod bracket

E

产品 PRODUCT



支架 / Bracket



支座 / Pedestal



滚轮 / Roller



间壳 / Shell

E

产品 PRODUCT



挡板 / Baffle



管件 / Pipe fittings



管件 / Pipe fittings



管件 / Pipe fittings



唐县凯华金属有限公司

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