



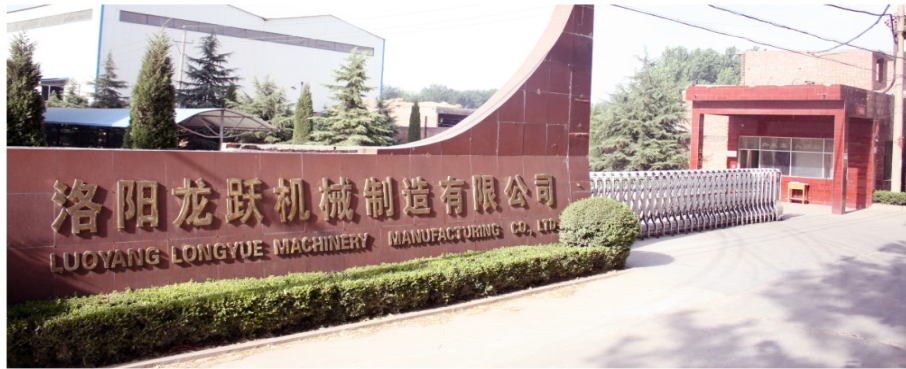
LONGYUE

洛阳龙跃机械制造有限公司

Luoyang Longyue Machinery Manufacturing Co.,Ltd.



www.lylongyue.com



公司简介 | THE COMPANY INTRODUCTION

洛阳龙跃机械制造有限公司始建于1998年，是一家集设计、制造、加工、服务为一体的高新技术企业，公司坐落于驰名中外的十三朝古都河南洛阳，位于洛阳市伊川县彭婆镇魏庄村工业园区，公司占地总面积72600平方米，其中厂房面积51000平方米，企业资产达2.6亿元，拥有职工420余人（其中工程技术人员52人，高级工程师5人，工程经济师11人，助理工程师11人，技师25人，大专以上学历占职工人数9%），公司年产能达3万吨。

目前公司以铸钢、铸铁、成品加工和部件总成生产为主，逐步向自主产品研发的发展方向迈进。公司主要生产高铁、机车、客车、城轨、地铁、轨道车、矿山、煤机、电力、风电、水利、陶瓷、工程设备零部件及齿轮箱部件总成，同时产品也远销于俄罗斯、美国、德国、阿根廷、日本、法国、南非、意大利、印度等国家，目前各种产品在我公司已形成批量生产，且在国内外国际铁路线上发挥着重要作用，公司生产的产品已用于“和谐号”和“复兴号”高铁车，得到客户的一致信任和好评。

公司采用先进的管理模式，设有营销中心、生产中心（含五个铸造分厂、一个清整分厂、两个加工分厂、设备科、成品库）、采购中心、技术中心（含技术部、质量部、理化实验室）、行政中心（含人力资源部、办公室）、财务中心。各种生产、技术质量检测设备230余台，其中检测设备有超声波探伤仪、荧光磁粉探伤仪、有微机电伺服功能实验机、摆锤冲击试验机、德国直读光谱分析仪等。生产设备有：中频电炉（11四台套、2.5T一台套、3T两台套、5T一台套），3T电炉一台套，天然气环保热处理炉四台；电阻炉热处理炉两台；抛丸机六台；各种加工设备有车、铣、刨、磨、钻床等50余台，高精端1890立式加工中心、TH65125-140卧式加工中心，数控1.6m和5m立车等。砂造型主要用有法生产线2条主要用于铁路产品、自动化玻璃生产线2条主要用于矿山类和工程机械产品，自动化粘土砂生产线1条主要用于铁路产品、覆膜砂生产线2条主要用于风电产品。呖喃树脂砂生产线2条主要用于-50℃度低温球墨铸铁产品。

公司于2016年3月投资2.3亿元在洛新产业集聚区成立子公司河南龙跃达铁路装备有限公司，主营两大业务：一是以铁路成品加工和部件总成生产为主，主要生产传动齿轮箱总成和转向架梁及组架，主要用于铁路机车、高铁、客车、轨道车、地铁等。二是内饰设计安装，主营铁路道车卫生间、墙顶板、风道、机车操纵台、座椅等产品的专业制作。这两大主营业务从产品设计、模具制造、产品成型、售后服务，有一批优秀并经验丰富的专业队伍200余人。龙跃达子公司有各种生产、技术质量检测设备150余台。其中主要生产设备有：国内先进的直流感速试验机、轮对

压装机、三坐标测量仪、车轴数控加工机床、轮对组架胎膜、数控立式镗床、100吨压力机、160吨压力机、焊接机器人、电阻热处理炉、立式和卧式数控加工中心、龙门数控铣床、转向架整体抛丸机、10吨天车等100余台套设备。

公司于2003年通过ISO9001:2000质量管理体系认证；2006年公司被铁道部认定为“定点生产厂家”；2012年达到国家安全生产标准化三级企业；2016年6月公司通过国家《铸造行业准入条件》标准；2017年2月公司环保达标并取得排污许可证；公司2017年6月通过ISO14001:2015环境管理体系认证；2017年5月公司被认定为洛阳市技术研发中心、河南省工程技术中心，取得国家专利10余项；2018年被评为国家高新技术企业；2018年通过河南省工贸企业事故隐患排查治理清单化管理首批试点企业验收；2018年通过铸造行业清洁生产综合评价为“国内先进水平”；2018年被河南省铸协协会评为优质铸件奖。公司先后多次获得洛阳市“小巨人”企业、洛阳市优秀民营企业、年度转型升级优秀企业、年度纳税先进企业、年度安全生产先进单位、年度质量管理先进单位、年度环境保护工作先进单位、伊川县重点保护企业、伊川县诚信企业、伊川县县长质量奖、年度企业突出贡献奖等荣誉称号和奖项。

公司按照ISO9001认证标准建立了质量管理体系，所有产品均有完整的技术标准，合理的生产工艺和先进的理化、计量、检测手段，并确保从设计、开发、生产、服务的全过程得到控制，使产品质量稳定可靠，能够满足客户对品种和质量的要求。

公司成立20年来，始终以人为本，信誉第一，以优质的服务、高质量的产品，满足当前用户和未来的需求；坚持一流服务、精工技术、顽强工作的作风，秉持以“客户满意、质量上乘、诚实守信、不断提升”的经营理念 and “用心智造未来”的企业使命，积极推进企业改革，从企业生产设备创新、产品创新、管理创新以及技术创新四方面入手，为使公司在中国成为最具市场竞争力的装备制造制造业关键零部件制造商，致力于把公司打造为绿色、智能、高端装备制造企业。

实力 让我们引领行业

Use of the creative thinking and advanced technology, innovation, and improve service levels



Founded in 1998, Luoyang Longyue Machine Manufacturing Co., Ltd is a high-tech enterprise integrating design, casting, processing and service. Located in Luoyang, the ancient capital of the 13th Dynasty, which is well-known in China and abroad, the company is located in the industrial park of Huailiuzhuang Village, Pengpo Town, Yichuan County, Luoyang City. It covers a total area of 72,600 square meters, including 51,000 square meters of factory buildings. Its corporate assets reaches to 260 million yuan, hiring more than 420 employees (including 52 technical personnel, 5 senior engineers, 11 engineering economic accountants, 11 assistant engineers, 25 technicians). Moreover, the education background of college or above is 9% of the whole employees. The company has developed its annual production capacity for 30,000 tons.

The company, at present, is mainly engaging in steel casting, iron casting, process of finished products and production of component assembly, and it gradually moves towards the development direction of independently research and development. The company mainly engages in high-speed rail, locomotive, passenger car, urban rail, subway, railcar, mining, coal mining, electric power, wind power, water conservancy, ceramics, engineering and other equipment parts and gearbox components assembly. Meanwhile its products are also exported to worldwide like Russia, The United States, Germany, Argentina, Japan, France, South Africa, Italy, India and other countries. The company has achieved mass-production, and has been playing an important role in the domestic and international railway lines. The company's products have been used by the "Harmony" and "Revival" high-speed rail, winning the unanimous trust and praise of customers.

Divided into Marketing Center and production center (including five foundry branches, a clearing factory, two processing branches, equipment department, warehouse of end products), Procurement Center, and Technical Center (including technical department, Quality Department, Physical and Chemical Laboratory), Administrative Center (including Human Resources Department, Office), and Finance Center, the company maintains advanced management mode. The company is equipped with more than 230 machines for production and technical quality testing, among which testing equipment includes ultrasonic fault detector, fluorescent magnetic particle flaw detection, microcomputer servo all-power test machine, pendulum impact tester and direct-reading spectrophotometer. And the production facilities involve electric stove of medium frequency (4 sets of 1T, one set of 2.5T, two sets of 3T and one set of 5T), one set of 3T electric arc furnace, four environmental heat treatment of natural gas, two furnaces for heat treatment of electric resistance, six shot-blasting machines and over 50 processed equipment including vehicles, milling, planning, grinding, boring and drill press, high-end 1890 vertical machining center, TH65125-140 horizontal machining center, CNC 1.6m and 5m vertical lathe. Sand column modeling is matched with 2 V production lines majorly used for railway products, 2 automatic sodium silicate production lines for the purpose of mine and construction machinery products, 1 automatic clay sand production line especially for railway products, 2 precasted sand production lines specifically for wind power products, and 2 furan resin sand production lines aiming at low-temperature nodular cast iron of 50°C.

In March, 2016, our company has invested 0.23 billion to Henan Longruida Railway Equipment Co., Ltd. which has been established in the industry cluster in Luoxin as the subsidiary, specializing in two main businesses: the first one is to focus on the processing of railway finished products and assembly production of components, which produces drive gear box assembling, the welding of bogie and package for engine, high-speed railways, coach, railcar and subway. The second one is the installation of interior design, which professionally makes the toilet of railroad track, wall roof, air passage, the control board of engine and seat. An outstanding and experienced professional group with more than 200 people is staffed with to be in charge of product designing, module making, product modeling and after-sale services. This subsidiary has over 150 equipment for production and technical quality testing. Over 100 sets of equipment is deployed including domestic advanced DC velocity test-bed, wheel set assembly machine, three-coordinates measuring machine, axle numerical control machining, axle wheel-set embryonic CNC, CNC vertical boring mill, press machine with 200 tons, press machine with 160 tons, welding robot, furnaces for heat treatment of electric resistance, vertical CNC machining and Horizontal CNC machining, NC milling machine of osium vaginae, the whole shot-blasting machine of bogie and shot traveller with 10 tons.

In 2003, our company has been granted with quality management system certification of ISO9001:2000; in 2006, our company has been designated as "the fixed-point manufacturer"; in 2012, we have reached the standard of three-level enterprise according to the production standard for national security; in June, 2016, we have met the entry criteria for foundry industry; in February, 2017, we meet the standard of environmental protection and gained pollutant discharge permit; in June, 2017, we have passed environment management system certification of ISO14001:2015; in May, 2017, our company has been honored as R&D center in Luoyang and engineering center in Henan, obtaining more than 10 national patents; in 2018, we have been assessed as national high-tech enterprise, and at the same time, we have been the first batch of enterprises under experiment to qualify the listing management of examining and treating accident threat in industry and trade enterprises in Henan. Also, we have gained comprehensive evaluation as "national advanced enterprise" through the clearer production in foundry industry and we have won the prize of premium casting awarded by Forging Association. Our company has successively got the honors as "little giant" enterprise in Luoyang, Excellent private enterprise, annual outstanding enterprise for transformation and upgrading, annual advanced enterprise for taxpaying, annual advanced units for safety in production, annual advanced units for quality management, annual advanced enterprise for environmental protection, key protection enterprise in Yichuan County, high-integrity enterprise in Yichuan County, magistrate quality award in Yichuan County and annual contribution award of enterprise, etc.

Our company has set up quality management system based on ISO9001 standard, with all products having complete technical standards. Reasonable production technique, latest rationalization, metering, testing facility as well as overall control of the whole process from designing, developing, production and service ensure the quality of product is stable and reliable, meeting the requirements of customers to the varieties and quality.

We firmly wish to people foremost and credibility of the first since its founding 20 years ago. We provide high-quality service and products to meet the needs of customers and future. We insist on top-ranking service, capable technical strength and hard work, hold the operation philosophy that the customer will be satisfied, the quality will be superior, we have to be honest and trustworthy and keep promoting ourselves, take the business mission as "creating the future with heart and soul" so as to actively force the enterprise to revolution of having four innovations from production facility, products, management and technology, pushing our company to become the most competitive manufacturers of the key components in equipment manufacturing industry and turning to be green, intelligent and high-end.



▶ 携手龙跃 共创辉煌

HAND LONG YUE CREATE RESPLENDENCE

高标准、高科技、高品质，零缺陷

Our aim is "people-oriented, to the letter people, scientific management, and common development." In the years the development process with its own characteristics, to explore the market demand, continue to develop, innovate, create unique with its own sales and service team to high quality products, reasonable price, perfect service system, customers hand in hand to create a more brilliant tomorrow.

Creed: the customer is always higher than do their own thing.

Pursuit: high standards, high-tech, high-quality, zero defect.

Service tenet: people-oriented, to the letter people, scientific management, and common development.

▶ 企业文化 | THE ENTERPRISE CULTURE

我们的宗旨是“以人为本，以信取人，科学管理，共同发展”。公司在多年发展过程结合自身特点，探索市场需求，不断开拓、创新，打造具有自身特色的销售与服务团队，以优质的产品品质、合理的产品价格、完善的服务体系，广大客户携起手来，创造更加辉煌的明天。

信条：客户的事永远高于自己的事。

追求：高标准、高科技、高品质，零缺陷。

服务宗旨：以人为本，以信取人，科学管理，共同发展。



➔ **企业资质** | THE ENTERPRISE QUALIFICATION

➔ **汗水成就梦想，荣誉见证辉煌**

SWEAT CREATE DREAMS
HONOR WILL WITNESS OUR SUCCESS

荣誉见证了价值实现的每一步印记。
Honor and witness the value of each step.



➤ **大步向前，只为龙跃拼搏发展**

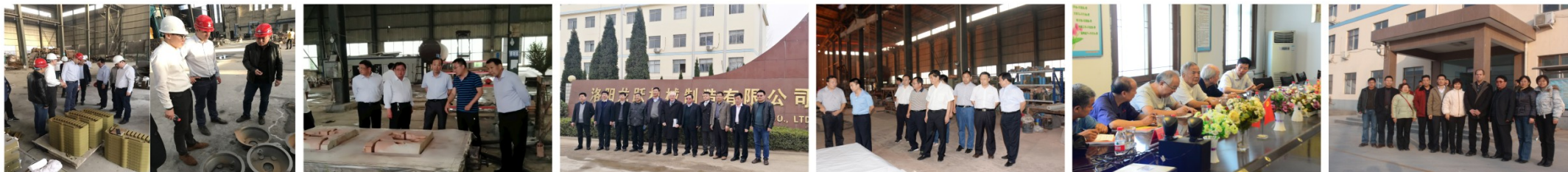
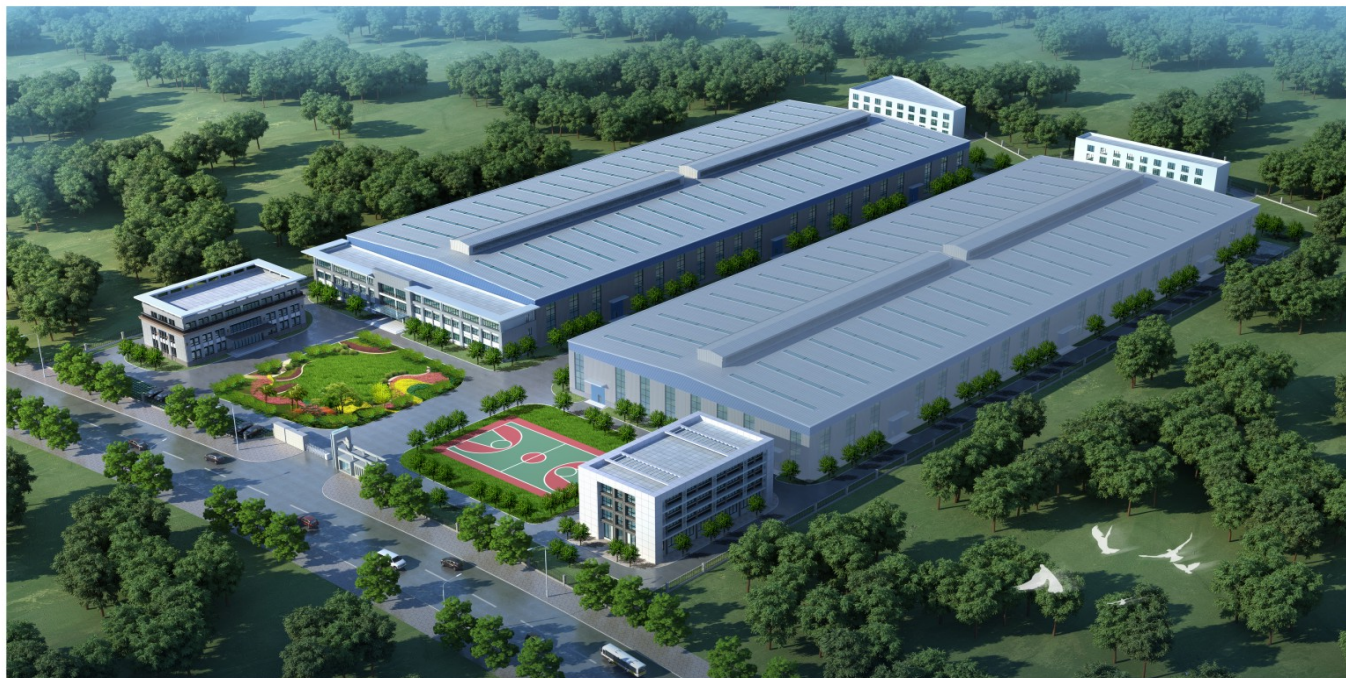
**BIG STEP FORWARD
ONLY FOR THE DEVELOPMENT
OF LONG JUMP STRUGGLE**

以人为本 信誉第一
People-oriented reputation first

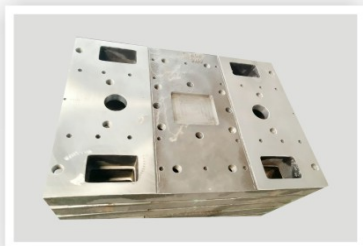
公司于2016年3月在洛新产业聚集区，投资2.3亿元成立子公司，河南龙锐达铁路装备有限公司，主要生产轨道车齿轮箱装备总成、轮对压装成套等产品。

Our company has invested 0.23 billion to Henan Longruida Railway Equipment Co., Ltd. which has been established in the industry cluster in Luoxin as the subsidiary In March, 2016, with the main products as motor-trolley gearbox assembly and complete pairs of wheel-set pressing.

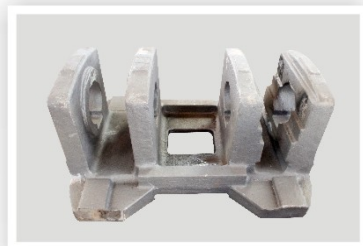
➤ **公司风采** | THE COMPANY STYLE



➔ 铸钢——桥梁系列 | CAST STEEL SERIES



桥梁基座板



桥梁支座活动下摆



桥梁支座固定下摆



桥梁支座固定上摆

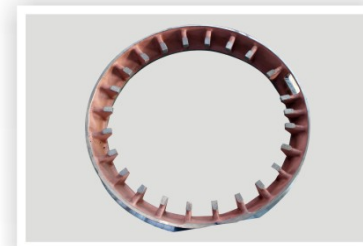


比亚迪云轨 案例

➔ 铸钢——城轨系列 | CAST STEEL SERIES



地铁牵引电机压圈



地铁通用压圈



下悬挂筋板



上悬挂筋板



悬挂筋板

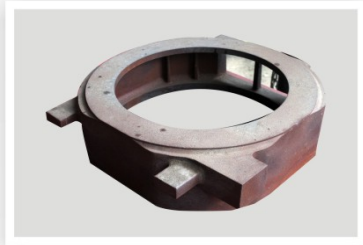


城轨 案例

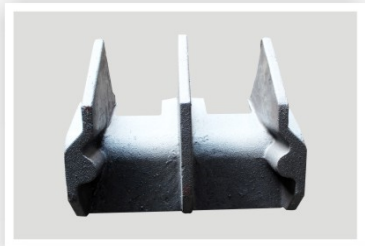
➔ 铸钢--高铁系列 | CAST STEEL SERIES



定子压圈



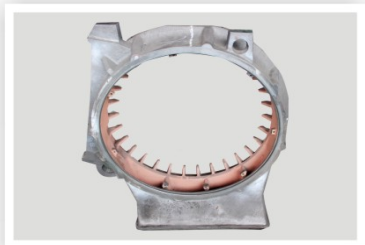
标准动车组电机压圈



标动吊挂



悬挂筋板



1B0200000G83N端定子压圈



非传动端定子压圈

➔ 铸钢--轨道车系列 | CAST STEEL SERIES



WY100C-03-00齿轮箱体



CCX4-03-04齿轮箱



CCX601607齿轮箱



0307-00齿轮箱

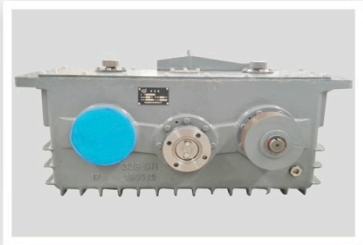


齿轮箱



齿轮箱

→ 铸钢——轨道车系列 | CAST STEEL SERIES



齿轮箱



0305轨道车齿轮箱



货运车轴箱体



EQJ5轴箱体



牵引座



轴箱体



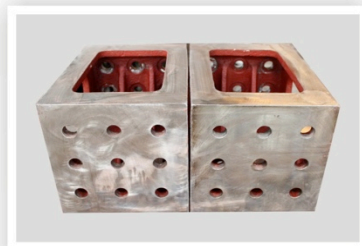
0330齿轮箱



轴箱体



闸瓦托



后从板座



▲转向架部分配件均为我公司生产



▲转向架部分配件均为我公司生产

→ 铸钢—机车系列 | CAST STEEL SERIES



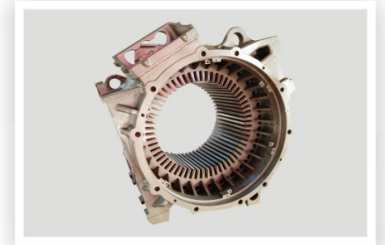
Jd160机车电机压圈



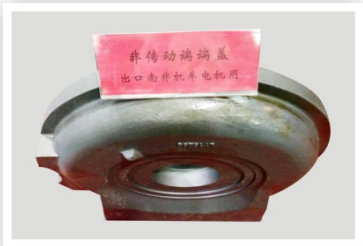
高速重载牵引电机传动端端盖



传动端定子压圈



电机定子基座



非传动端端盖



YJ90B电机用压圈



YJ85A非传动端端盖



Jd160筋板



电机基座



轴箱体

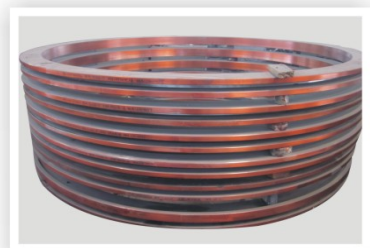


电枢后支架



300电机支架

→ 铸钢--矿山系列 | CAST STEEL SERIES



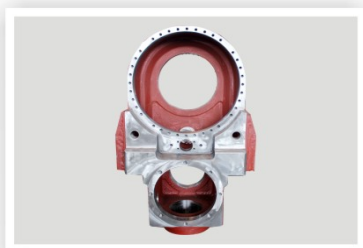
轮缘



法兰



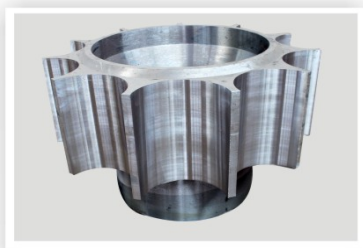
齿压板



齿轮箱

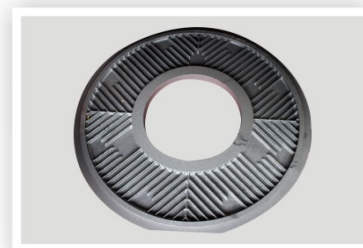


活动横梁



传动主轴

→ 铸铁系列 | CAST IRON SERIES



低温球铁风电电机端盖



电梯轮



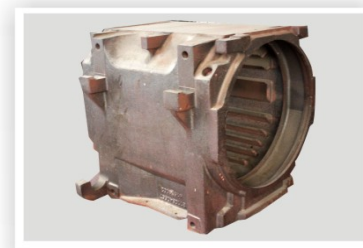
电梯轮



电梯轮



低温球铁基座



-40度低温球铁电机基座

→ 铸铁系列 | CAST IRON SERIES



球铁齿轮箱



齿轮箱

→ 生产设备 | PRODUCTION EQUIPMENT

加工车间主要制造轨道车（铁路）等机车配件20余种常规批量产品，现有高级工程师3人，工程师2人，每年车间产值700余万元。

Processing workshop mainly manufacturing rail cars (railways) and other motorcycle accessories more than 20 kinds of conventional bulk products, the existing three senior engineers, engineers, 2, the annual output value of 700 million yuan workshop.



▲QC5250B数控5米立车



▲ 龙门式数控铣床



▲ B1-400W 万能铣床



▲ Z3050 摇臂钻床



▲ GL-630C 强力端面铣床

➔ 加工车间设备简介 | PROCESSING WORKSHOP EQUIPMENT

- ▲ TH65125-140 卧式加工中心 2台
- ▲ 1890 立式加工中心 1台
- ▲ 数控 1600mm 立式车床 2台
- ▲ CQ5250B 数控立车 1台
- ▲ B1-400W 万能铣床 10余台
- ▲ X53 立式铣床 3台
- ▲ X52 立式铣床 4台
- ▲ X53T 立式铣床 1台
- ▲ TX6111D 数显镗床 5台
- ▲ T68 镗床 2台
- ▲ 1600mm 单立式车床 3台
- ▲ 1250mm 单立式车床 3台
- ▲ CW6163B 卧式车床 2台
- ▲ 50 数控卧式车床 2台
- ▲ Z3050-16 摇臂钻床 5台
- ▲ GL-630C 强力端面铣床 1台
- ▲ GD4245/65 带锯床 1台



▲ TX6111D 数显卧式镗床



▲50卧式车床



▲YM-7163平面磨床



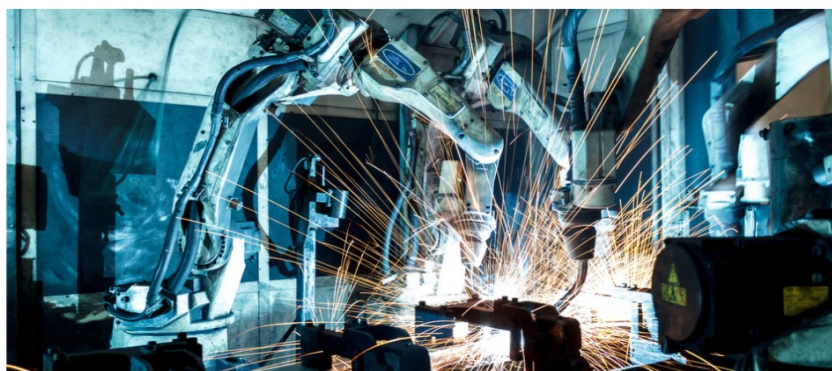
▲TH65125-140卧式加工中心



▲VH-1890B卧式加工中心

➤ **力量来自于实力**
STRENGTH COMES FROM COHESION

卓越的品质、完善的管理和一流的服务是龙跃人永无止境的追求!
Excellence in quality, perfect management and first-class service is the endless pursuit of Long Yue people!



▲VMC850C立式加工中心



▲NC-32V立式铣床



▲数控车床



▲CA5116E立车



▲5.5米天然气热处理设备



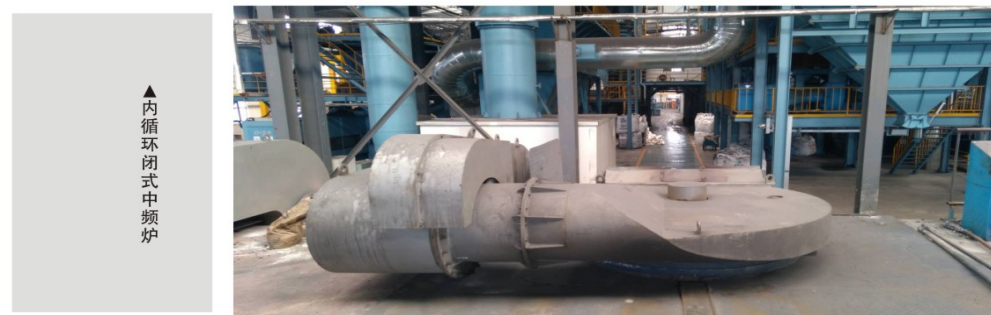
▲Q3730抛丸机



▲CK5116G数控立式车床



▲内循环闭式中频炉



▲内循环闭式中频炉

➔ 水玻璃砂生产线



▲水玻璃砂生产线

水玻璃砂处理工艺生产线适用于新型玻璃砂造型工艺，主要采用多级机械离心式干法再生方式以及干法与热法联合再生方式，设备再生效果好，旧砂回收率高，可有效降低旧砂中的Na₂O的含量，并有效降低了旧砂丢弃造成的污染。The production line of silicate bonded sand conditioning technique is suitable to be used for new formative technology of glass sand, which chiefly applies multilevel mechanical centrifugal dry reclamation and the regenerative way of combination of dry process and heat process. Therefore, the effect of reclaiming the equipment is satisfying, and the rate of recycling the used sand is high that lowers the contents of Na₂O contained effectively and reduces the pollution caused by discarding.



➔ 覆膜砂生产线

▲覆膜砂生产线

覆膜砂生产线是一种以覆膜砂为原料，利用热芯盒原理制作覆膜砂型芯的机器，射芯机制作覆膜砂型芯的原料为酚醛树脂覆膜砂，其特点为生效率高、尺寸精确、外貌光洁、能够生产内腔比较复杂的铸件。

The production line of pre-coated sand uses the principle of heat core box to make a machine with the sand mould by using the raw material as coated sand. Core shooter applies resin coated sand to produce the sand core with high efficiency, precise dimension, smooth appearance, which can produce the casting with complex inner cavity.



▲呋喃树脂砂生产线

➔ 呋喃树脂砂生产线

呋喃树脂砂生产线最大限度地减少因废砂排除造成的环境污染，使90%以上的废砂可以再生回用；由于再生砂颗粒表面光滑，粒度分布均匀，微粉少，可节约昂贵的树脂20%以上。

Furan resin sand reduces the environmental pollution led by antiquated sand elimination to the maximum, making over 90% waste sand to be reclaimed and reused. Because the surface of regenerated granule is smooth and the distribution is even as well as the micro powder is few, over 20% expensive resin can be saved.

➔ V法生产线

V法铸造即真空密封造型，原理是利用塑料薄膜密封砂箱，采用真空泵抽出型内空气，在铸型内外形成压力差，使干砂紧实，以形成所需型腔。V法铸造区别于传统砂铸最大的优点是不使用粘合剂，因而减轻了砂处理工作，而且造型和铸件粘砂清理的劳动量也大大减少，旧砂回收率可达90%以上。

V法铸造工艺生产出来的铸件质量好、表面光洁、轮廓清晰、尺寸准确、硬度均匀，有效延长了铸件的使用寿命，深受客户赞誉。

V casting refers to vacuum cast, with the principle of using the plastic diaphragm sealed sand box and vacuum pump which is used for evacuating the internal air to form pressure difference inside and outside so as to make the dry sand condensed for being a needed module. Different from traditional casting, its biggest advantage is to be free from adhesive, which lessens the sand treatment and in the meantime, the work load of molding and cleaning the sand on the casting will be reduced greatly, and the rate of recycling the used sand will reach over 90%.

The casting produced with V casting technique will have good quality, clean surface, clear profile, accurate size and even hardness, lengthening the service life of casting, which is thought highly of by customers.



▲V法生产线

➔ **实验室设备** | LABORATORY EQUIPMENT



▲SHT4305微机控制电液伺服万能试验机



▲ZBC3302-B摆锤冲击试验机



▲德国OBLF-GS1000直读光谱分析仪



▲金相显微镜

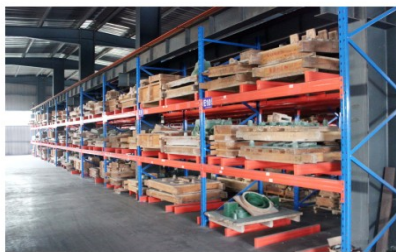


▲原材料检验设备



▲原材料检验设备

➔ **模具库** | TOUCH LIBRARY



▲模具仓库



▲磨具仓库

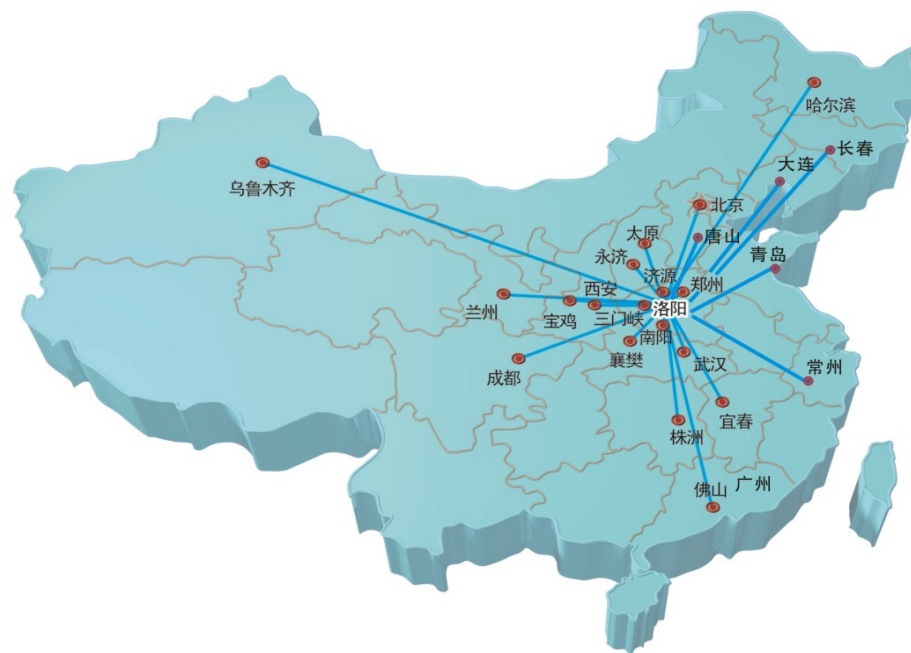
➔ **营销网络** | MARKETING NETWORK

▲国内市场:

公司产品销往郑州、永济、襄樊、株洲、包头、宝鸡、广州、青岛、西安、大连、常州、长春、唐山、哈尔滨等中车集团和地方、军工等企业。

▲国外市场:

公司产品已广泛应用于高铁、机车、地铁、城轨及铁路工程机械，遍布全国各地，并随客户产品远销伊朗、斯里兰卡、越南、新加坡、马来西亚、日本、法国、德国、印度等国家和地区。



Thanks!

企业宗旨：专业铸造品质，创新铸造未来。
Transformation Through Engineering and Innovation
Company introduction PPT