



北京京城机电控股有限责任公司
BEIJING JINGCHENG MACHINERY ELECTRIC HOLDING CO.,LTD.



精于术理 诚以信合

**Proficiency in technology and management
Sincerity in business and cooperation**



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我们

About us

北京京城机电控股有限责任公司（简称：京城机电）是由北京市人民政府出资设立的国有独资公司，始终致力于服务国家战略和“卡脖子”工程，专注于大型智能装备的研发、设计、制造与服务，长期位列中国机械工业百强企业榜单。现拥有 150 余家下属企业，28 家重要子公司，10 家“专精特新”企业，3 家制造业单项冠军企业和 1 家 A+H 股上市公司。

京城机电历史悠久，其前身可追溯到 1949 年成立的北京市人民政府工业管理局。在 70 余年的发展历程中，始终坚持科技创新，从万能铣床到高精度数控机床，从工业气瓶到氢能储运装备，从传统液压件到数字液压系统，从胶版印刷设备到智能印刷生产线，从传统制造到绿色环保产业园，从火力发电设备到新能源发电装备，京城机电见证了中国装备工业不断自我超越的历史传奇，先后填补了一系列装备领域国内空白，奠定了在国家装备制造行业中的领先地位。打造出“京城”、“北一”、“北人”、“华德”、“天海”等众多知名品牌，产品销往 70 多个国家和地区，在国内外装备制造领域中享有盛誉。

京城机电始终遵循“高精尖”发展道路，始终坚持将科技创新作为持续发展源动力，充分利用北京科技创新中心优势，传承企业历史积淀，推动技术产品创新、商业模式创新、管理创新、机制创新以及文化创新，持续构建创新链和产业链深度融合的高精尖产业结构，不断夯实核心竞争力。凭借资本运作，产业协同、创新研发、国际合作等多种方式，全力打造装备制造与服务、科技文化园区运营与服务的双提升。

京城机电始终坚持党的领导、加强党的建设，落实全面从严治党 and 党风廉政建设责任，以党建为引领，以“精于术理，诚以信合”为核心价值理念，不忘初心，砥砺前行。专注于为用户提供实现价值的精品与服务，坚持用诚实承载信用，用忠诚对待事业，用热诚对待工作，用合作实现和谐，达到合作伙伴之间、企业与员工之间的共同成长和成功，构筑可持续发展的生态共同体。

京城机电在习近平新时代中国特色社会主义思想的引领下，积极践行新发展理念，积极融入新发展格局，厚植发展优势，努力建设中国特色社会主义现代化企业。

Beijing Jingcheng Machinery Electric Holding Co., Ltd. (hereinafter referred to as JCME) is a wholly state-owned company funded by the People's Government of Beijing Municipality. It is always committed to not only serving the national strategy and the "stranglehold" engineering but also focusing on the R & D, design, manufacturing and service of large-scale intelligent equipment, and it has been ranked among the top 100 China machinery industry company for a long time. Now, it has more than 150 subordinate enterprises, 28 important subsidiaries, 10 "specialized and sophisticated" enterprises that produce new and unique products, 3 single champion enterprises in the field of manufacturing industry and one company listed on Shanghai and Hong Kong stock markets (A + H).

JCME has a long history. Its predecessor was the Industrial Administration Bureau of the People's Government of Beijing Municipality, which was established in 1949. JCME always adheres to scientific and technological innovation over 70 years of development process. It witnessed the historical legend of the constant self-transcendence of China's equipment industry, namely, from universal miller to high-precision CNC machine tools, from industrial gas cylinders to hydrogen energy storage and transportation equipment, from traditional hydraulic parts to digital hydraulic systems, from offset printing presses to intelligent printing production lines, from traditional manufacturing to green environmental protection industrial parks and from thermal power generation equipment to new energy power generation equipment. Moreover, it has also successively filled a series of domestic gaps in the field of equipment and established its leading position in the national equipment manufacturing industry. JCME has built many famous brands, such as "Jingcheng", "Beiyi", "Beiren", "Huade" and "Tianhai". Its products are sold to more than 70 countries and regions, so JCME enjoys a high reputation in the field of equipment manufacturing at home and abroad.

JCME always follows the "high-level, elite and top-notch" development path and consistently sees scientific and technological innovation as the source power of sustainable development. By making full use of the advantages of Beijing Science and Technology Innovation Center and inheriting the historical accumulation of the enterprises, JCME constantly promotes the innovation in technological products, business model, management, mechanism and culture, and continuously builds a high-level, elite and top-notch industrial structure with a deep integration of innovation chain and industrial chain to consolidate core competitiveness. By means of capital operation, industrial collaboration, innovative research and development, international cooperation and other ways, JCME makes every effort to improve equipment manufacturing and service as well as the operation and service of scientific, technological and cultural innovation parks.

JCME always adheres to the leadership of the Party, strengthens the Party building, implements the responsibility of full and strict Party self-governance, the Party's work style and clean government, stays true to its original aspiration and works together with the Party building as the guide, and "the proficiency in technology and the management and sincerity in business and cooperation" as the core value concept. Focusing on providing users with high-quality products and services that can realize their value, JCME insists on the principle of "carrying credit with honesty, treating cause with loyalty, working with devotion and achieving harmony with cooperation", thus achieving common growth and success among partners, enterprises and employees, and building a sustainable ecological community.

Under the guidance of by Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, JCME actively implements the new development philosophy and integrates into the new development paradigm to foster the strengths in development and strive to build a modern enterprise of socialism with Chinese characteristics.





1958 年 9 月，毛泽东主席观看北京第一机床厂工人操作表演，勉励大家学习理论，能文能武，成为多面手。

In September 1958, Chairman Mao Zedong watched the operation performance of the workers of Beijing No. 1 Machine Tool Plant and encouraged them to be efficient in both brainy and brawny activities and become versatile through theoretical study



1958 年至 1960 年，邓小平同志数次到北京第一机床厂视察，充分肯定工厂取得的成绩，鼓励大家要不断创新，提高劳动生产率。

From 1958 to 1960, Comrade Deng Xiaoping visited Beijing No. 1 Machine Tool Plant several times, fully affirmed the achievements that the Plant had made, and encouraged everyone to keep innovating and improve labor productivity



江泽民总书记于 1989 年和 1995 年两次视察北京第一机床厂，充分肯定了北一的内涵式发展。

General Secretary Jiang Zemin inspected Beijing No. 1 Machine Tool Plant twice in 1989 and 1995, and fully affirmed the connotative development of Beijing No. 1 Machine Tool Plant



北京京城机电控股有限责任公司
BEIJING JINGCHENG MACHINERY ELECTRIC HOLDING CO., LTD.



公司系统重要企业

Important enterprises of the Company system



北京北一机床有限责任公司
Beijing No.1 Machine Tool Co., Ltd. (BYJC)

北京第二机床厂有限公司
Beier Machine Tool Works Co., Ltd.

德国瓦德里希科堡机床厂有限责任公司
Werkzeugmaschinenfabrik Waldrich Coburg GmbH

意大利C.B.法拉利机床公司
C.B.Ferrari S.r.l.

北京北一科堡机床技术服务有限公司
BYJC Coburg Machine Tool Technology Service Co., Ltd.

北京北一法拉利机床有限公司
BYJC Ferrari Machine Tool Co., Ltd.

北一大隈（北京）机床有限公司
BYJC-OKUMA (Beijing) Machine Tool Co., Ltd.

北京京城机电股份有限公司
Beijing Jingcheng Machinery Electric Co., Ltd.

北京天海工业有限公司
Beijing Tianhai Industry Co., Ltd.

天津天海高压容器有限责任公司
Tianjin Tianhai High Pressure Container Co., Ltd.

上海天海复合气瓶有限公司
Shanghai Tianhai Composite Cylinders Co., Ltd.

天海美洲公司
BTIC America Corporation

北京天海氢能装备有限公司
Beijing Tianhai Hydrogen Energy Equipment Co., Ltd.

青岛北洋天青数联智能有限公司
Qingdao BYTQ United Digital Intelligence Co., Ltd.

北京华德液压工业集团有限责任公司
Beijing Huade Hydraulic Industry Group Co., Ltd.

北京市液压技术研究所有限公司
Beijing Hydraulic Technology Research Institute Co., Ltd.

北京京城环保股份有限公司
Beijing Jingcheng Environmental Protection Co., Ltd.

呼和浩特市京城固体废物处置有限公司
Hohhot Jingcheng Solid Waste Disposal Co., Ltd.

北京京城惠通环保有限公司
Beijing Jingcheng Huitong Environmental Protection Co., Ltd.

北人智能装备科技有限公司
Beiren Intelligent Equipment Technology Co., Ltd.

陕西北人印刷机械有限责任公司
Shaanxi Beiren Printing Machinery Co., Ltd.

北人伯乐氛（西安）环境技术有限公司
Beiren Brofind (Xi'an) Environmental Technology Co., Ltd.

北京巴布科克·威尔科克斯有限公司
Babcock & Wilcox Beijing Co., Ltd.

巴威装备制造唐山有限责任公司
Babcock & Wilcox Equipment Manufacturing (Tangshan) Co., Ltd.

北京重型电机厂有限责任公司
Beijing Heavy-Duty Motor Factory Co., Ltd.

北京北重汽轮电机有限责任公司
Beijing Beizhong Steam Turbine Generator Co., Ltd.

北京北开电气股份有限公司
Beijing Beikai Electric Co., Ltd.

北京京城绿色能源有限公司
Beijing Jingcheng Green Energy Co., Ltd.

浙江京城再生资源有限公司
Zhejiang Jingcheng Renewable Resources Co., Ltd.

北京京城金太阳能源科技有限公司
Beijing Jingcheng Golden Sun Energy Technology Co., Ltd.

北京配天技术有限公司
Beijing Peitian Technology Co., Ltd.

北京京城机电产业投资有限公司
Beijing Jingcheng Machinery Electric Industry Investment Co., Ltd.

中航迈特增材科技(北京)有限公司
Avimetal Powder Metallurgy Technology (Beijing) Co., Ltd.

北京京城智通机器人科技有限公司
Beijing Jingcheng Zhitong Robot Technology Co., Ltd.

泸州智通自动化设备有限公司
Luzhou Robotbase Automation Equipment Co., Ltd.

北京智同精密传动科技有限责任公司
Beijing Chietom Precision Transmission Technology Co., Ltd.

北京京城德创基金管理有限公司
Beijing Jingcheng Dechuang Fund Management Co., Ltd.

北京京城智能科技有限公司
Beijing Jingcheng Intelligence Technology Co., Ltd.

北京京城国际融资租赁有限公司
Beijing Jingcheng International Financial Leasing Co., Ltd.

北京京城机电资产管理有限责任公司
Beijing Jingcheng Machinery Electric Asset Management Co., Ltd.

京城尚德(北京)文化科技有限公司
Jingcheng Shangde (Beijing) Culture Technology Co., Ltd.

北京毕捷电机股份有限公司
Beijing B.J. Electric Motor Co., Ltd.

北京京城置地有限公司
Beijing Jingcheng Zhidi Co., Ltd.

北人集团有限公司
Beiren Group Corporation

北京京城重工机械有限责任公司
Beijing Jingcheng Heavy Industry Co., Ltd.

北京京城增材科技有限公司
Beijing Jingcheng Additive Technology Co., Ltd.

北京市机电研究院有限责任公司
Beijing Mechanical and Electrical Research Institute Co., Ltd.

北京起重机器厂有限公司
Beijing Crane Factory Co., Ltd.

北京ABB高压开关设备有限公司
Beijing ABB High Voltage Switch Gear Co., Ltd.

北京ABB开关有限公司
Beijing ABB Switch Co., Ltd.

北京宏达日新电机有限公司
Beijing Hongda Nissin Electric Co., Ltd.

中国世贸投资有限公司
China World Trade Investment Co., Ltd.

北京京城恭和家园养老服务有限公司
Beijing Jingcheng Gonghe Homeland Elderly Care Service Co., Ltd.

北京双城置业开发有限公司
Beijing Shuangcheng Real Estate Development Co., Ltd.

北京市工贸技师学院
Beijing Industry and Trade Technician College

北京京城机电控股有限责任公司培训中心
Beijing Jingcheng Machinery Electric Holdings Co., Ltd. Training Center

**生于1949
一路奋进**

Founded in 1949
Forging ahead ceaselessly

历练 Experience

站在新起点

Standing at a new starting point

重装待发

Pitching into the development again

回望沧桑

Looking back on the Company's great changes

铿锵历程

Looking back on the Company's great changes

我们不忘初心

We stay true to our original aspiration

大爱不言

Silent love

竭诚感恩

Wholehearted gratefulness

共和国之子

Son of the People's Republic of China

砥砺前行

Forging ahead

崎岖磨砺我们的意志

Toughness steels ourselves

历练铸就我们的成长

Experience makes us grow

生于1949

Founded in 1949

1949 年，北京市人民政府工业局成立。

1997 年，经北京市人民政府批准，北京市机械工业管理局转制为北京机电工业控股（集团）有限责任公司。

2000 年，北京机电工业控股（集团）有限责任公司更名为北京京城机电控股有限责任公司。是北京市国资委下属的国有独资公司。

2000 年以来，经过“十五”到“十三五”期间的改革发展，京城机电实现了从管理企业到经营资产，从单纯产品经营到公司整体运作的转变，实现了从准政府向市场竞争主体的成功转型。



解放初期，北开人在简陋厂房里努力生产。

In the early days of liberation, the Beikai people of were working hard in simple workshops



1958 年，北京第一机床厂与清华大学合作研制出我国第一台电子管电路的 X53K 型数控立式升降台铣床。

In 1958, Beijing No. 1 Machine Tool Plant cooperated with Tsinghua University and developed the first x53k CNC knee type vertical milling machine with vacuum-tube circuit in China



1969 年生产出华北地区第一只氧气瓶，曾被周恩来总理自豪的称为“华北地区第一只争气瓶”。

In 1969, The Plant produced the first oxygen cylinder in North China, which was proudly called "the first cylinder in North China bringing credit to our country" by Premier Zhou Enlai



20 世纪 50 年代的工人

Workers in the 1950s



当年坐落在建国门外大街 4 号的北京第一机床厂

Beijing No. 1 Machine Tool Plant, located at No. 4, Jianguomenwai Street



20 世纪 60 年代的工人

Workers in the 1960s

In 1949, the Industry Bureau of the People's Government of Beijing Municipality was established

In 1997, with the approval of People's Government of Beijing Municipality, Beijing Municipal Machinery Industry Administration was transformed into Beijing Jingcheng Machinery Electric Holding (Group) Co., Ltd.

In 2000, Beijing Jingcheng Machinery Electric Holding (Group) Co., Ltd. was renamed as Beijing Jingcheng Machinery Electric Holding Co., Ltd. It is a wholly state-owned company under the State-Owned Assets Supervision and Administration Commission of People's Government of Beijing Municipality

Since 2000, JCME has realized the transformation from corporate management to asset management, from simple operation of products to the overall operation of the Company through the reform and development from the "10th Five-Year Plan" to the "13th Five-Year Plan", and also achieved the successful transformation from quasi-government to a player of competitive market



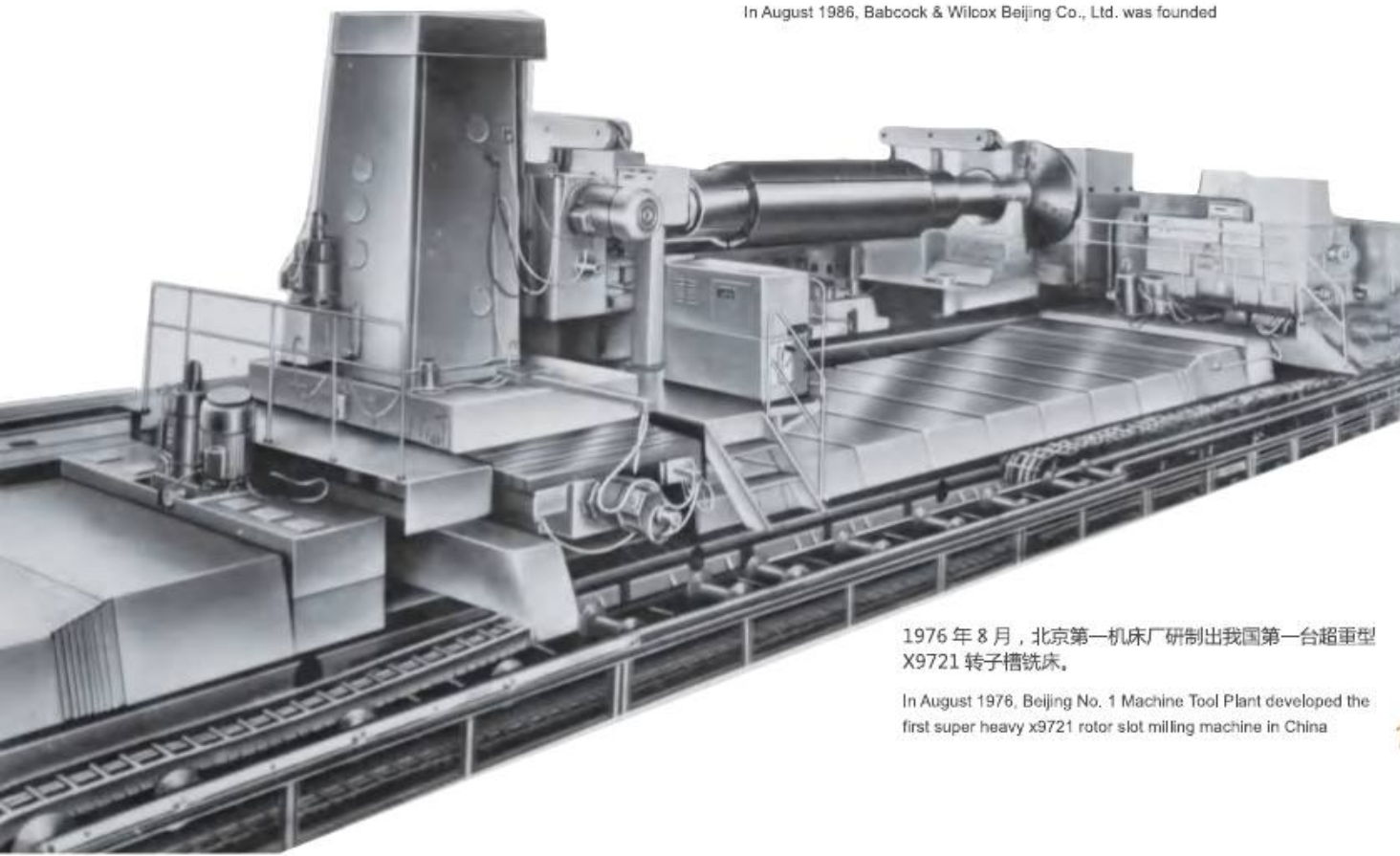
20 世纪 70 年代的工人

Workers in the 1970s



1986 年 8 月，北京巴布科克·威尔科克斯有限公司成立。

In August 1986, Babcock & Wilcox Beijing Co., Ltd. was founded

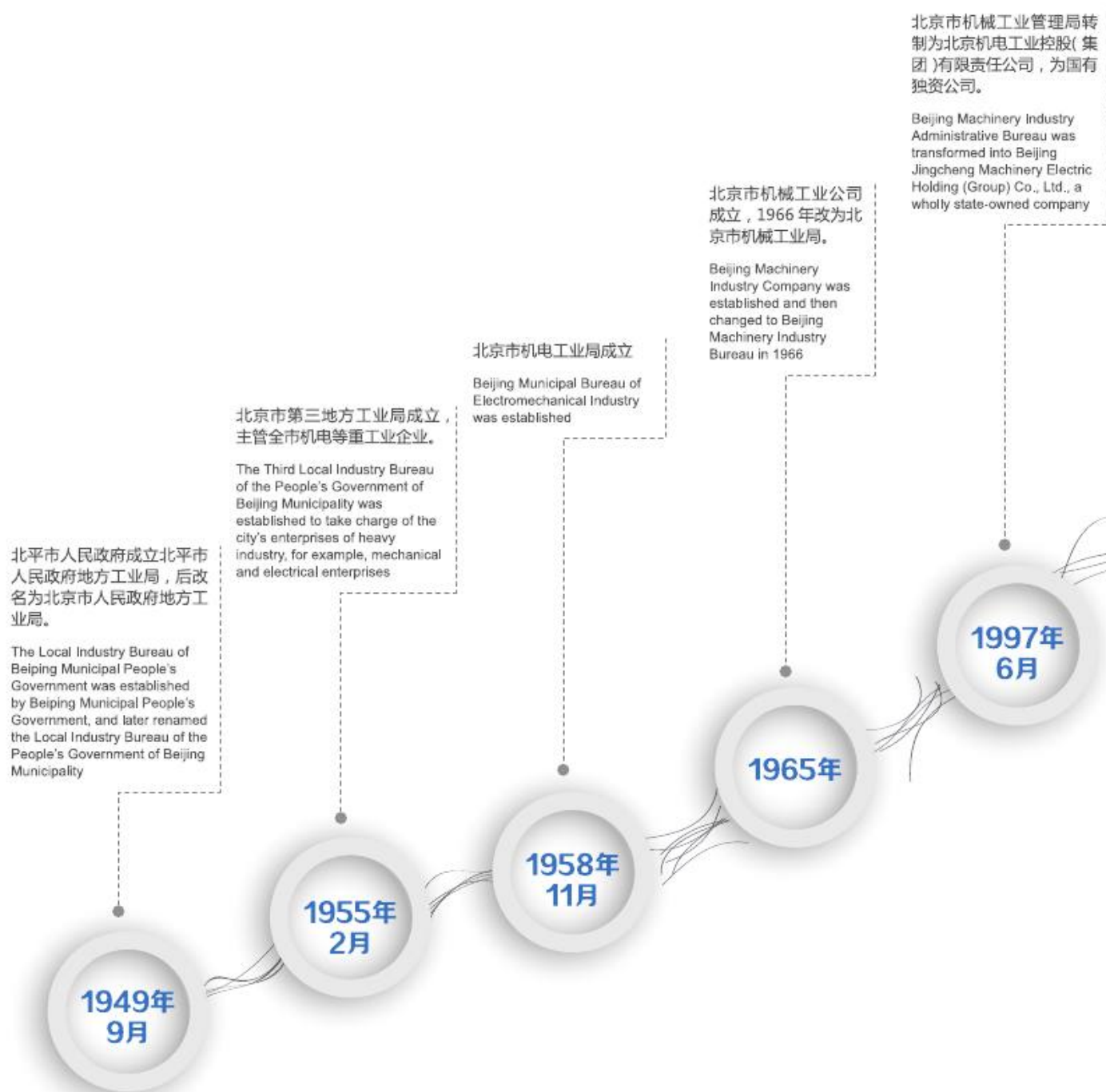


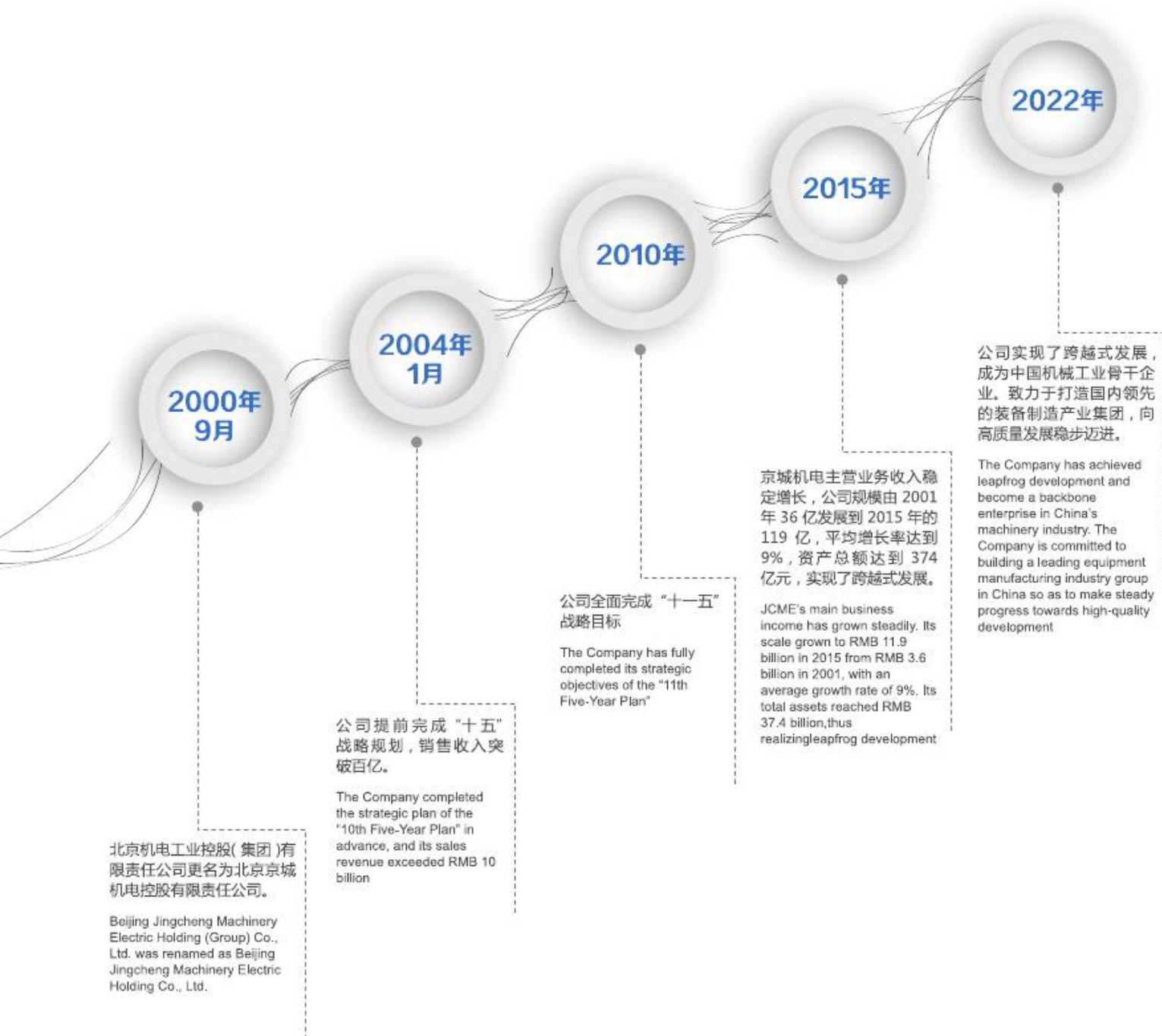
1976 年 8 月，北京第一机床厂研制出我国第一台超重型 X9721 转子槽铣床。

In August 1976, Beijing No. 1 Machine Tool Plant developed the first super heavy x9721 rotor slot milling machine in China

一路奋进

Forging ahead ceaselessly





一路奋进

Forging ahead ceaselessly

1951 年，北京机器厂（北京第一机床厂前身）首台重型机床诞生。

In 1951, the first heavy machine tool of Beijing Machinery Factory (predecessor of Beijing No. 1 Machine Tool Plant) left the production line

1959 年 7 月，北京人民机器厂试制成功中国第一台 TE102 型全张自动二回转平台印刷机。

In July 1959, Beijing People's Machinery Factory successfully trial-produced the first TE102 sheet-fed two-revolution press in China

1961 年 10 月，北京第一机床厂自行设计试制成功中国第一台 X210 型大型龙门铣床。

In October 1961, Beijing No. 1 Machine Tool Plant successfully designed and manufactured the first X210 large gantry milling machine in China

1962 年 10 月，我国自主研制的首台大型回旋加速器在北京重型电机厂试制成功。

In October 1962, the first large cyclotron independently developed by China was successfully trial-produced in Beijing Heavy Motor Factory

1962 年 12 月，北京第二机床厂试制成功中国第一台 MGB1420 型高精度半自动万能外圆磨床。

In December 1962, Beier Machine Tool Works successfully trial-produced the first MGB1420 high-precision semi-automatic universal cylindrical grinder in China

1966 年 8 月，北京人民机器厂试制成功中国第一台 J1201 型全张自动双色胶印机。

In August 1966, Beijing People's Machinery Factory successfully trial-produced China's first J1201 sheet-fed automatic two-color offset press

1969 年 7 月，北京起重机器厂试制成功中国第一台 40 吨轮胎起重机。

In July 1969, Beijing Crane Factory successfully trial-produced the first 40 T tire crane in China

1973 年 9 月，北京第二机床厂研制成功中国第一台超精加工机床 2MZ5420 型全自动双工位砂袋曲轴抛光机。

In September 1973, Beier Machine Tool Works successfully developed 2MZ5420 full-automatic double-post sand bag crankshaft polishing machine, China's first superfinisher

2000 年 7 月 12 日，北京巴布科克·威尔科克斯有限公司制造的大型超临界电站锅炉出口发往澳大利亚。这是中国电站锅炉首次出口到发达国家。

On July 12, 2000, the large ultra-supercritical power station boiler manufactured by Babcock & Wilcox Beijing Co., Ltd. was exported to Australia. It is the first time that China's power station boilers have been exported to developed countries

2008 年 7 月，由北人股份公司自行生产的国内第一台印刷速度达到每小时 7.5 万张的报纸印刷机 BEIREN75A 正式投入使用。

In July 2008, BEIREN75A self-produced by Beiren Holdings was officially put into use which is the first domestic newspaper printing press with a printing speed of 75,000 sheets per hour

2009年7月，北京巴威公司制造的世界首台600MW“W”型火焰超临界锅炉运行成功。

In July 2009, the world's first 600MW supercritical "W"-flame boiler manufactured by Babcock & Wilcox Beijing Co., Ltd. was successfully put into operation

2010年9月29日，北京第一机床厂研制生产的XKA28105×300数控桥式龙门车铣复合机床，在哈尔滨汽轮机有限责任公司正式交付使用，代表着目前世界跨度最大的重型数控机床在北京诞生。

On September 29, 2010, XKA28105 × 300 CNC bridge-type gantry turning-milling composite machine tool developed and produced by Beijing No. 1 Machine Tool Plant was officially delivered to Harbin Turbine Company Limited, which represents the fact that heavy-duty CNC machine tool with the largest span in the world left the production line in Beijing

2015年5月27日，北京巴威公司第一个出口的锅炉岛项目——越南瓮岸电厂工程#2机组正式通过了720小时稳定性试运行，向成为世界主流电站设备系统供应商迈出了坚实的步伐。

On May 27, 2015, the first boiler island project exported by Babcock & Wilcox Beijing Co., Ltd. - #2 generator set of Vietnam Vung Ang Power Plant Project officially passed the test run of 720-hour stability, making a solid step towards becoming a mainstream power plant equipment system supplier in the world

2016年6月，瓦德里希·科堡公司金牛座（TAURUS）系列机床荣获“Pius X Award”奖项的四项大奖。

In June 2016, TAURUS series machine tools of Waldrich Coburg NA, Inc. won four prizes of "Pius X Award"

2016年10月，“2016世界机器人大会”在北人亦创智能机器人创新园举行，并成为中国世界机器人大会永久会址。

In October 2016, "World Robot Conference 2016" was held in Beiren Etrong Intelligent Robot Innovation Park, which became the permanent venue of China World Robot Conference

2017年11月28日，华德液压工程阀产品荣获CMIIC2017零部件技术创新奖。

On November 28, 2017, the engineering valves by Beijing Huade Hydraulic Industry Group Co., Ltd. won the CMIIC2017 Parts Technology Innovation Award

印尼当地时间2020年8月20日00:18分，由北京巴威公司提供锅炉供货的中国首个百万等级“一带一路”走出去项目——神华国华印尼爪哇7号2×1050MW燃煤发电工程#2机组顺利并入印尼爪哇巴厘电网。标志着由中国制造的国家首台出口海外百万机组项目全部成功建成。

At 00:18 on August 20, 2020 (local time in Indonesia), China's "the Belt and Road" "Going Global" project of the first million-MW boiler - Shenhua Guohua 2 × 1,050 MW coal-fired boiler for the power generation project of Unit # 2 Java 7 dam, Indonesia, which was supplied by Babcock & Wilcox Beijing Co., Ltd., was successfully connected to the Indonesia Java-Bali grid. It marks the successful completion of the China's first project of million-MW generator set made in China to export overseas

2021年4月15日，陕西北人携新品——至睿4.0高速凹版印刷机亮相深圳国际橡塑展。该设备是陕西北人针对国内外高端市场研发的一款新型机组式凹版印刷机。

On April 15, 2021, Shaanxi Beiren Printing Machinery Co., Ltd. brought a new product, Perfect 4.0 serial high-speed rotogravure printing machine, to the Shenzhen International Plastics and Rubber Industry Exhibition. The equipment is a new unit-type rotogravure printing machine developed by Shaanxi Beiren Printing Machinery Co., Ltd. for high-end markets at home and abroad

2021年5月17日，天海工业重磅推出具有完全自主知识产权的新一代车载储氢气瓶——IV型瓶，该产品与同规格III型瓶相比重量可降低约30%，质量储氢密度更高，为氢燃料电池汽车提供了轻量化车载供氢系统新选择。

On May 17, 2021, Beijing Tianhai Industry Co., Ltd. launched a new generation of vehicle-mounted hydrogen storage cylinders with completely independent intellectual property rights, namely, Type IV cylinders. Compared with Type III cylinders of the same specification, the weight of Type IV cylinders is reduced by about 30%, and the mass hydrogen storage density is higher, which provides a new choice of lightweight vehicle-mounted hydrogen supply system for hydrogen fuel cell vehicles

2022年2月4日，北京天海工业有限公司为北京第24届冬季奥运会首支氢燃料火炬成功点燃提供供氢系统。

On February 4, 2022, the first hydrogen fuel torch of the XXIV Olympic Winter Games was successfully ignited whose hydrogen supply system was provided by Beijing Tianhai Industry Co., Ltd.

2021年11月3日，陕西北人参与完成的“高端包装印刷装备关键技术及系列产品开发”项目，荣获国家科学技术进步奖二等奖。

On November 3, 2021, Shaanxi Beiren participated in and completed the project of "Key Technology and Series Product Development of High-End Packaging and Printing Equipment", and won the second prize of the National Science and Technology Progress Award

力量

Strength

唯有超越 不被超越

变化 已成计划的一部分

团结开拓 与时俱进

这就是我们

Only try to surpass Can we stay ahead

Change is one part of our plan

Unity and development Keep up with the times

This is our team

夯实主业

培育多元

创新才有可能

转型升级共享

Enhancing main business

Cultivating diversity

Innovation brings possibilities

Transforming upgrading and sharing

The background of the page is a photograph of the Bird's Nest stadium in Beijing, China, taken from a low angle looking up at the iconic woven steel structure. The sky is a deep blue with scattered white clouds, and the sun is setting on the left side, creating a warm, golden glow that illuminates the stadium's framework.

主板块
培育板块
其他板块

Main fields
Cultivating fields
Other fields

数控机床

CNC machine tools

北京北一机床有限责任公司

Beijing No.1 Machine Tool Co., Ltd. (BYJC)

北京北一机床有限责任公司（以下简称“北一机床”）是国有全资的高端数控机床智能化、集成化制造与服务供应商。公司总部位于中关村科技园顺义园区内，在境内外拥有多家机床制造子企业，其中包括海外的德国瓦德里希·科堡机床公司、意大利 C.B. 法拉利公司。

与共和国同龄的北一机床秉承着“制造精良、追求卓越”的核心理念，始终坚持把技术创新作为公司持续发展的动力，拥有国家级“企业技术中心”，拥有经 CNAS 实验室认可的检测和校准实验室，近年来先后多次承担国家“高档数控机床与基础制造装备”科技重大专项课题。

目前，北一机床能够提供重型数控龙门镗铣床、立车、数控铣床、数控车床、立卧加工中心、车铣复合机床、五轴联动叶片/叶轮加工中心、数控磨床、专用磨床、超精加工机床等多品牌、多品种、全系列的机床产品，并具备了集成自动生产线及机床再制造等相关业务能力，产品广泛应用于汽车、新能源、船舶、发电、轨道交通、模具、机械等行业。

北一机床始终把对用户的服务摆在突出位置，本着“为股东创造持久的高回报，为员工赢得社会尊重，为用户创造价值，做装备工业脊梁”的使命，精益求精、创新共赢，致力于成为具有全球竞争力的机床制造与服务供应商。

Beijing No. 1 Machine Tool Co., Ltd. (hereinafter referred to as "BYJC") is a wholly state-owned intelligent and integrated manufacturing and service provider of high-end CNC machine tools. Headquartered in Shunyi Park of Zhongguancun Science Park, BYJC has many machine tool manufacturing subsidiaries at home and abroad, including Waldrich Coburg NA, Inc. and C.B.Ferrari S.r.l.

Adhering to the core concept of "perfect manufacturing and pursuit of excellence", BYJC with the same age as the People's Republic of China always takes technological innovation as the driving force for the Company's sustainable development. With a national "enterprise technology center" and a testing and calibration laboratory accredited by CNAS laboratory, BYJC has undertaken many national major scientific and technological projects of "high-end CNC machine tools and basic manufacturing equipment" in recent years.

At present, BYJC can not only provide many brands, varieties and series of machine tools such as heavy-duty CNC gantry boring-milling machines, vertical lathes, CNC milling machines, CNC lathes, vertical and horizontal machining centers, turning-milling composite machine tools, five-axis linkage blade/impeller machining centers, CNC grinders, special grinders and superfinisher, but also have the ability to integrate automatic production lines, remanufacturing of machine tools and other related businesses. Its products are widely used in automobiles, new energy, shipping, power generation, rail transit, mold, machinery and other industries.

BYJC always puts its service to users in a prominent position. With the mission of "creating lasting high returns for shareholders, winning social respect for employees, creating value for users, and being the backbone of the equipment industry", BYJC constantly perfects its skill, makes innovation for win-win results, and is committed to becoming a manufacturing and service provider of globally competitive machine tools.

成为具有全球竞争力的 机床制造与服务供应商

BYJC has become a manufacturing and service provider of globally competitive machine tools



北一大隈（北京）机床有限公司

BYJC-OKUMA (Beijing) Machine Tool Co., Ltd.



德国瓦德里希·科堡公司

Waldrich Coburg NA, Inc.



意大利 C.B. 法拉利公司

C.B.Ferrari S.r.l.



主要子企业

科堡公司（德国）
C.B. 法拉利公司（意大利）
北二机床
北一科堡服务公司
北一法拉利
北一大隈

主要产品

数控龙门镗铣床
数控落地镗铣床
数控立车
数控车床
立、卧式加工中心
通用五轴加工中心
车铣复合机床
外圆磨床
五轴联动叶片 / 叶轮加工中心

主要优势

在铣床、加工中心和磨床领域具有独到优势，重型机床产品技术处于国际先进水平，在国内重型数控龙门镗铣床高端市场上处于绝对优势。

Major subsidiaries

Waldrich Coburg NA, Inc. (Germany)
C.B. Ferrari S.r.l. (Italy)
Beier Machine Tool Works Co., Ltd.
BYJC Coburg Machine Tool Technology Service Co., Ltd.
BYJC Ferrari Machine Tool Co., Ltd.
BYJC-OKUMA(Beijing)Machine Tool Co., Ltd.

Main products

CNC gantry boring-milling machine
CNC floor-type boring-milling machine
CNC vertical lathe
CNC lathe
Vertical and horizontal machining center
Universal 5-axis machining center
Turning-milling composite machine tool
Cylindrical grinder
Five-axis linkage blade/impeller machining center

Main advantages

BYJC has unique advantages in the field of milling machines, machining centers and grinders. Its technology of heavy-duty machine tools is not only at the international advanced level, but also has absolute advantages in the high-end market of domestic heavy-duty CNC gantry boring-milling machines

数控机床

CNC machine tools

北京北一机床有限责任公司

Beijing No.1 Machine Tool Co., Ltd. (BYJC)



XKA28105×300 数控重型桥式龙门五轴联动车铣复合机床

XKA28105×300 CNC heavy-duty bridge-type gantry five-axis linkage turning-milling composite machine tool



XKA2890×300 数控桥式双龙门镗铣床

XKA2890×300 CNC bridge-type double-gantry boring miller



2016 年,德国科堡公司金牛座系列机床获“Plus X Award”奖项的四大奖项。

In 2016, the Taurus series machine tools of Waldrich Coburg in German won the "Plus X Award" Four major awards of the awards



企业荣誉 Enterprise honor



2014 年 12 月，北二机床曲轴柔性、精密、高效磨削加工关键技术与成套设备荣获“中国机械工业科学技术奖特等奖”。

In December 2014, the key technologies and complete sets of equipment for flexible, precise and efficient grinding of crankshaft of Beier Machine Tool Works Co., Ltd. won the "Special Prize of China Machinery Industry Science and Technology Award".



2015 年 11 月，北二机床的随动式（切点跟踪）RV 减速器偏心轴磨床获“第十七届中国国际工业博览会金奖”。

In November 2015, the eccentric shaft grinder of follow-up (tangent point tracking) RV reducer manufactured by Beier Machine Tool Works Co., Ltd. won the "Gold Award of 17th China International Industry Fair (CIIF)".



2016 年 10 月 23 日，北一机床与北京工业大学联合申报的“面向新能源行业的数控超重型桥式龙门五轴联动车铣复合系列机床”项目荣获“中国机械工业科学技术奖一等奖”。

On October 23, 2016, the project of "CNC super-heavy-duty bridge-type gantry five-axis linkage turning-milling composite machine tool for new energy industry" jointly applied for by BYJC and Beijing University of Technology won the "First Prize of China Machinery Industry Science and Technology Award".



2018 年 11 月，北一机床与北京工业大学联合申报的“高精超大尺度重型车铣复合机床精准制造关键技术应用”项目荣获“北京市科学技术奖一等奖”。

In November 2018, the project of "Application of Key Technologies for Precise Manufacturing of High-Precision and Super Large-Scale Heavy-Duty Turning-Milling Composite Machine Tools" jointly applied for by BYJC and Beijing University of Technology won the "First Prize of Science and Technology Award".



2022 年 3 月，北一机床获批北京市专精特新“小巨人”企业称号。

In March 2022, BYJC was awarded the title of Beijing Municipal-Level Technologically Advanced "Little Giant" Enterprise.

液压

Hydraulic

北京华德液压工业集团有限责任公司

Beijing Huade Hydraulic Industry Group Co., Ltd.

北京华德液压工业集团有限责任公司成立于 1979 年，是国内专业从事液压元件及系统成套装备的设计、制造、服务的大型国有企业集团，国家级高新技术企业、工信部制造业单项冠军培育企业、北京市第一批高精尖发展企业、专精特新企业、中国液压气动密封件工业协会副理事长单位、北京京城机电控股有限责任公司麾下重点企业。

华德液压以高压液压阀、工程多路阀、柱塞泵 / 马达、成套设备为核心，广泛服务于工程机械、航空航天、冶金、煤炭、环保、船舶、石油化工等众多领域，拥有完善的营销服务网络，产品遍及全国并远销世界各地。华德液压先后荣获“北京名牌产品”、“北京市著名商标”、“全国用户满意产品”、“中国液压行业最具影响力品牌”、“中国市场用户满意第一品牌”、“中国机械工业质量奖”、“高新技术企业证书”等多项荣誉称号；华德液压被中华全国总工会授予“全国五一劳动奖状”，2020 年被评为“第六届全国文明单位”。

华德液压参与多项国家“卡脖子”工程，参与工程机械主机厂的多项科技攻关项目，参与多项国内首创的重点项目，开展多项新材料在液压元件上的基础应用、数字化在液压元件的应用技术等研究，为高端装备关键核心技术自主可控、服务国家发展战略贡献力量。

主要优势

品种齐全，技术先进，为客户提供整体解决方案
渠道完备，品质优良，为客户提供快速优质服务
专业积淀，民族品牌，为客户创造价值

主要产品

工业阀
工程阀
液压泵 / 马达
液压系统



工程多路阀

Engineering multiple unit valve



数字比例阀

Digital proportional valve



— 液压泵
Hydraulic pump



— 液压马达
Hydraulic motor



— 液压系统
Hydraulic system

Founded in 1979, Beijing Huade Hydraulic Industry Group Co., Ltd. (hereinafter referred to as "BHHIG") is a large state-owned enterprise group specializing in the design, manufacturing and service of hydraulic components and complete sets of system equipment, a national high and new tech enterprise, a single champion cultivation enterprise in the manufacturing industry which is selected by the Ministry of Industry and Information Technology, the first batch of high-level, elite and top-notch development enterprises of Beijing City, technologically advanced enterprise, a vice-chairman unit of China Hydraulics Pneumatics & Seals Association and a key enterprise under Beijing Jingcheng Machinery Electric Holding Co., Ltd.

With high-pressure hydraulic valves, multi-way engineering valves, plunger pumps/motors and complete sets of equipment as its core products, Beijing Huade Hydraulic Industry Group Co., Ltd. has widely served many fields such as engineering machinery, aerospace, metallurgy, coal, environmental protection, shipping, petroleum and petrochemical. It has a perfect marketing service network, so its products are sold all over the country and the world. BHHIG has won many honorary titles such as "Beijing Famous Brand Product", "Beijing Famous Trademark", "National Customer Satisfaction Product", "China's Most Influential Brand in Hydraulic Industry", "China's First Customer Satisfaction Brand", "China Machinery Industry Quality Award", "High and New Tech Enterprise Certificate" and others. It was also awarded the "National May Day Labor Award" by the All-China Federation of Trade Unions. In addition, BHHIG was awarded the "Sixth National Civilized Unit" in 2020.

BHHIG has participated in a number of national "stranglehold" projects, scientific and technological development projects of the main engine plants of engineering machinery and national key initiative projects, carried out research on the basic application of a number of new materials in hydraulic components and the application technology of digitalization in hydraulic components, and constantly contributed to the independent and controllable key core technologies of high-end equipment to serve the national development strategy.

Main advantages

- Provide overall solutions for customers via complete variety and advanced technology
- Provide fast and high-quality services for customers via complete channels and excellent quality
- Provide fast and high-quality services for customers via complete channels and excellent quality

Main products

- Industrial valve
- Engineering valve
- Hydraulic pump/motor
- Hydraulic system

气体储运装备

Gas storage and transportation equipment

北京天海工业有限公司

Beijing Tianhai Industry Co., Ltd.



北京天海工业有限公司（简称“天海工业”）是北京京城机电股份有限公司（简称京城股份，H 股证券代码 0187，A 股证券代码 600860）所属主要骨干企业，具有 A1、A2、C2、C3 级压力容器设计资质和 A1、A2、B1、B2、B3、C2、C3、D1、D2 级压力容器制造资质。可提供 800 余个品种规格的钢质无缝气瓶、车用压缩天然气气瓶、铝内胆碳纤维全缠绕复合气瓶、蓄能器壳体、板冲式无石棉填料乙炔瓶、焊接绝热气瓶、车用 LNG 气瓶、低温储罐、天然气加气站等气体储运装备及系统解决方案。公司的产品广泛应用于汽车、化工、消防、医疗、石油、能源、城建、食品、冶金、机械、电子等行业。

天海工业通过对车用 LNG 气瓶、CNG 气瓶、低温储罐、天然气加气站、车（船）燃料用 LNG 供气系统等多方位的技术整合，可为客户提供 LNG/CNG 系统解决方案。并能按中国压力容器标准、德国 AD2000-Merkblatt、欧盟 EN 标准、澳大利亚 / 新西兰 AS1210 标准设计制造不同容积和压力等级的低温储罐、IMO 罐式集装箱等产品。

天海工业积极布局氢能产业发展，加快四型瓶技术研发，是国内较早研发生产四型瓶的制造企业，并取得了四型瓶制造许可证，填补了国内空白。研制的 35MPa 高压储氢气瓶，已批量应用于氢燃料电池汽车领域，并加入 2022 年北京冬奥会、冬残奥会氢燃料电池客车运营项目。



主要产品

主要优势

天海工业拥有八个专业气瓶生产基地，是我国规模最大的气体储运装备生产企业之一，在全球的产品认证达到 41 个，2014 年被评为国家高新技术企业，取得 ISO9001、ISO14001、OHSAS18001、TS16949 等管理体系认证。天海工业在全国同行业率先获得全国“五一”劳动奖状。自 2000 年开始，公司连续获得“金属压力容器制造业排头兵企业”、“石油石化装备制造企业 50 强”等荣誉称号，BTIC 和 JP 品牌享誉全球。

无缝管制钢瓶
无缝冲拔钢瓶
车用 CNG 复合缠绕钢瓶
车用 CNG 复合缠绕铝瓶
SI 型 LNG 低温瓶
HDPI 型 LNG 低温瓶
大型低温储罐
大型低温槽车





As the main backbone enterprise of Beijing Jingcheng Machinery Electric Co., Ltd. (hereinafter referred to as "Jingcheng Company", H-share security code: 0187, A-share security code: 600860), Beijing Tianhai Industry Co., Ltd. (hereinafter referred to as "Tianhai Industry") has A1, A2, C2, C3 pressure vessel design qualification and A1, A2, B1, B2, B3, C2, C3, D1, D2 pressure vessel manufacturing qualification. Tianhai Industry can provide more than 800 types and specifications of seamless steel gas cylinders, compressed natural gas cylinders for automotive vehicles, fully-wrapped carbon fiber reinforced cylinders with an aluminum liner, accumulator shells, plate-type asbestos-free acetylene cylinders, welded insulated cylinders, LNG cylinders for automotive vehicles, cryogenic tanks, CNG filling stations and other gas storage and transportation equipment and system solutions. Tianhai Industry's products are widely used in automobiles, chemical industry, fire protection, medical treatment, petroleum, energy, urban construction, food, metallurgy, machinery, electronic engineering and other industries.

Tianhai Industry can not only provide customers with LNG/CNG system solutions through multi-directional technical integration of vehicle LNG cylinders for automotive vehicles, CNG cylinders, cryogenic tanks, CNG filling stations, and LNG vehicle (ship) fuel supply systems, but also design and manufacture cryogenic tanks and IMO tank containers with different volumes and pressures according to Chinese standards of pressure vessels, German AD2000 Merkblatt, European Union EN standards and Australian/New Zealand AS1210 standards.

Tianhai Industry has actively carried out the development of hydrogen energy industry, and accelerated the research and development of type IV bottle technology. As a manufacturer which researched and produced type IV bottles earlier in China, it has obtained a manufacturing license for type IV bottles, thus filling the domestic gap. The 35MPa high-pressure hydrogen storage cylinder developed by Tianhai Industry has been applied in the field of hydrogen fuel cell vehicles (HFCV) in batches, and has joined the operation project of hydrogen fuel cell buses for the Olympic Winter Games Beijing 2022 and the Paralympic Winter Games.

Main advantages

Tianhai Industry, one of the largest gas storage and transportation equipment manufacturers in China, has eight professional cylinder production bases and 41 product certifications worldwide. In 2014, Tianhai Industry was rated as a national high and new tech enterprise and obtained ISO9001, ISO14001, OHSAS18001, TS16949 and other management system certifications. Tianhai Industry is the first one in the same industry in China which won the National May Day Labor Award. Since 2000, Tianhai Industry has successively won the honorary titles of "Pioneer Enterprise in Metal Pressure Vessel Manufacturing", "Top 50 Companies in Petroleum and Petrochemical Equipment Manufacturing", and its BTIC and JP brands enjoy worldwide reputation.

Main products

- Seamless steel gas cylinder
- Seamless punch-draw cylinder
- Wrapped CNG composite steel cylinders for automotive vehicles
- Wrapped CNG composite aluminum cylinders for automotive vehicles
- SI LNG cryogenic cylinders
- HDPI LNG cryogenic cylinders
- Large cryogenic tanks
- Large cryogenic tanker



气体储运装备

Gas storage and transportation equipment

北京天海工业有限公司

Beijing Tianhai Industry Co., Ltd.

自研储氢瓶 攻克“卡脖子”技术

Self-developed hydrogen storage cylinder
solving the "stranglehold" technology

北京天海工业有限公司经过三年多的创新研发，攻克了塑料内胆碳纤维全缠绕气瓶（IV型储氢瓶）“卡脖子”技术，成功研制出具有自主知识产权的新一代车载储氢气瓶——IV型储氢瓶。

这一创新技术使储氢瓶工作压力高、重量轻、抗疲劳性能好，将为国内氢燃料电池汽车提供轻量化车载供氢系统的新选择。

北京天海工业有限公司自主研制的 70MPa IV型储氢瓶技术先进，其储氢密度已经可以达到 5.6%。由于这一新式储氢瓶实现了关键技术的突破，未来将有望促进我国氢能产业的可持续发展。

After more than three years of innovative research and development, Beijing Tianhai Industry Co., Ltd. overcame the "stranglehold" technology of carbon fiber fully-reinforced tank with plastic liner (IV hydrogen storage cylinders) and successfully developed a new generation of vehicle-mounted hydrogen storage cylinders with independent intellectual property rights - IV hydrogen storage cylinders.

The innovative technology makes the hydrogen storage cylinder have high operating pressure, light weight and good fatigue resistance, and will provide a new choice of lightweight on-board hydrogen supply system for domestic hydrogen fuel cell vehicles.

The 70 MPa IV hydrogen storage cylinder independently developed by Beijing Tianhai Industry Co., Ltd. has advanced technology, and its hydrogen storage density can reach 5.6%. As the new type of hydrogen storage cylinders has broken through key technologies, it is expected to promote the sustainable development of China's hydrogen energy industry in the future.

北京天海工业有限公司研发的高压储氢系统批量使用在北京冬奥会氢燃料电池汽车运行中，为绿色办奥做贡献。

The high-pressure hydrogen storage system developed by Beijing Tianhai Industry Co., Ltd. was used in batches in the operation of hydrogen fuel cell vehicles for the Olympic Winter Games Beijing 2022, making contributions to the green approach to hosting the Olympic and Paralympic



北京天海工业有限公司研发的储氢加气站

Hydrogen storage and gas filling station developed
by Beijing Tianhai Industry Co., Ltd.





北京天海工业有限公司为第二十四届冬季奥运会
首支氢燃料火炬成功点燃提供供氢系统

Tianhai Industry provides hydrogen supply system for
the successful lighting of the first hydrogen fuel torch of
XXIV Olympic Winter Games

北京京城环保股份有限公司

Beijing Jingcheng Environmental Protection Co., Ltd.

北京京城环保股份有限公司（原北京机电院高技术股份有限公司），由北京市大型综合性科研院所改制成立，拥有百年历史及四十余年的环保从业经验，是从事环保技术研究和设备制造的专业化大型国有企业，致力于为城市环境提供面向工业危险废物、医疗废物、污泥、生活垃圾、餐厨垃圾、厨余垃圾等多个细分领域的高端环保装备、工程总承包及投资运营综合服务国内优秀环保装备和系统服务商。

公司作为生态环境部下属“国家环境保护污泥处理处置与资源化工程技术中心”的依托单位，中国环境保护产业协会常务理事单位，同时肩负着北京市企业技术中心、固体废物处理处置科技创新研发基地等环保行业重要角色。拥有百余项国家专利及千余项科研成果，在工业危险废物、医疗废物、污泥、生活垃圾、餐厨及厨余垃圾等领域，形成独特的核心技术。

公司作为高新技术企业拥有环境工程设计甲级等完善的行业资质，先后被评为“中国环保产业骨干企业”“国内最具影响力的固废企业”“国内十大环保工程公司”和“北京市专精特新中小企业”等。公司承接并实施的工程业绩千余项，包括北京奥运会和上海世博会配套项目，相关排放指标检测值优于欧盟标准，曾获得“国家住建部市政公用科技示范工程”、“中国市政金杯示范工程奖”、“国家生态环境部科学技术奖”等至高荣誉。



主要业务

工业危险废物及医疗废物处理处置
生活垃圾、餐厨及厨余垃圾处理处置
市政污泥、工业污泥处置

通州区有机质资源生态处理站项目

通州区有机质资源生态处理站项目是针对首都城市副中心建设有机废弃物处理处置的专业化环保项目，项目以“有机质”和“资源”为工作内核，处理对象包括餐厨垃圾、城市粪便、市政污泥等，总处理规模为 600 吨 / 日。项目采用先进的联合厌氧、沼气综合利用技术，实现废弃物的无害化处理和资源化利用。作为首都城市副中心的重要配套设施，进一步提升了通州区的生态宜居水平。





上海竹园污泥综合处置项目

公司承建的上海市竹园污泥处理工程是目前国内交付运行的较大污泥干化焚烧项目，采用半干化焚烧处理工艺，焚烧灰渣进行建材综合利用的处置方式，建设规模为 750 吨 / 日。2016 年获国家环保部“环境保护科学技术奖”，2017 年获国家住建部“市政公用科技示范工程奖”，2018 年获中国环境科学学会“环保科技创新实用成果奖”，2018 年获国家重点环境保护实用技术示范工程，2019 年获上海市科技进步奖。



兴化市循环经济环保科技产业园项目

处理对象包括生活垃圾、餐厨垃圾、市政污泥、城市粪便等，总处理规模为 860 吨 / 日。

Beijing Jingcheng Environmental Protection Co., Ltd. (formerly known as BMEI Co., Ltd.) is restructured and established from a large comprehensive scientific research institute in Beijing. With a history of 100 years and more than 40 years of environmental protection experience, it is a large state-owned enterprise professionally engaged in technology research and equipment manufacturing of environmental protection, and it is also an excellent domestic environmental protection equipment system service provider which is committed to providing urban environment with high-end environmental protection equipment, EPC, and comprehensive investment and operation services in a number of subdivisions, such as industrial hazardous waste, medical waste, sludge, domestic waste, restaurant-kitchen garbage and kitchen waste.

As the supporting unit of the "State Environmental Protection Engineering Center for Sludge Disposal and Resource" under the Ministry of Ecology and Environment of the People's Republic of China, and the standing director unit of China Association of Environmental Protection Industry (CAEPI), Beijing Jingcheng Environmental Protection Co., Ltd. also plays an important role in the companies within environmental protection industry, such as the Beijing Enterprise Technology Center, the solid waste treatment and disposal technology innovation research and development base. With more than 100 national patents and over 1,000 scientific research achievements, Beijing Jingcheng Environmental Protection Co., Ltd. has formed unique core technologies in the fields of industrial hazardous waste, medical waste, sludge, domestic waste, restaurant-kitchen garbage and kitchen waste.

As a high and new tech enterprise, it has perfect industry qualifications like Class A environmental engineering design, and has been successively rated as "China's Backbone Enterprise in Environmental Protection Industry", "China's Most Influential Solid Waste Enterprise", "China's Top Ten Environmental Protection Engineering Companies", and "Beijing Municipal-Level Technologically Advanced Small- and Medium-Sized Enterprises". It has undertaken and implemented more than 1,000 projects, including supporting projects for the Beijing Olympic Games 2008 and World Expo 2010 Shanghai. Their detection values of relevant emission indicators are better than the EU standards. It has won the "Municipal Public Science and Technology Demonstration Project of the Ministry of Housing and Urban-Rural Development of the People's Republic of China", "the Demonstration Project of China Municipal Golden Cup Award", "Science and Technology Award of the Ministry of Ecology and Environment of the People's Republic of China" and other top honors.

Main business

Treatment and disposal of industrial hazardous waste and medical waste

Treatment and disposal of domestic garbage, restaurant-kitchen garbage and kitchen waste

Disposal of municipal sludge and industrial sludge



智能印刷

Intelligent printing

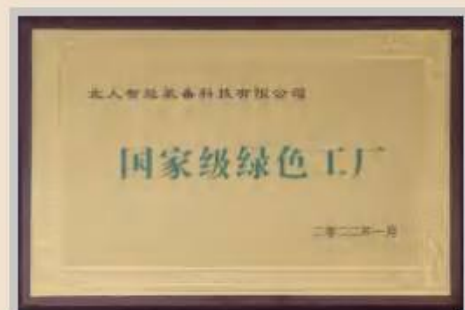
北人智能装备科技有限公司

Beiren Intelligent Equipment Technology Co., Ltd.

京城机电智能印刷板块依托“北人”品牌，以引领行业进步、打造民族品牌为己任，以争当国内一流、争创国际领先企业为目标，聚焦包装印刷、出版印刷、印刷环保三大业务，打造国际领先的智能绿色包装和出版印刷装备制造及服务企业，为国家文化发展和社会进步贡献力量。

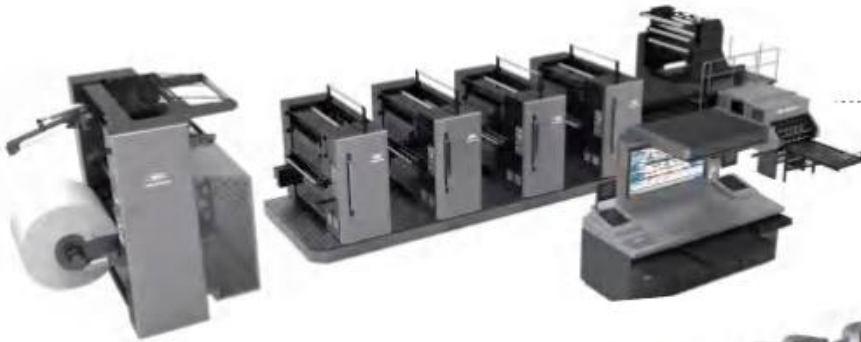
公司拥有高水平的创新研发团队和高技能人才队伍，致力于研发满足客户需求的产品，获得专利授权近 300 项，承担多项国家级研发项目、主持和参与制定国家标准 7 项，10 项产品获“国家重点新产品”奖。拥有“国家级企业技术中心”、“制造业单项冠军”、“北京市设计创新中心”、“2019 年度中关村首台（套）重大技术装备试验、示范项目”、“国家和行业标准制定单位”等多项荣誉资质和称号。2021 年荣获国家科技进步奖二等奖，入选 2021 年度国家工信部绿色制造名单，2022 年被国务院国资委列入“科改示范企业”。

智能印刷云平台服务系统是运用物联网、大数据、云计算等新技术打造的一流工业物联网大数据平台，依托物联网关采集设备数据上传至云端，实现设备互联互通，依靠自动化与信息化技术的融合，实现印刷企业服务运维流程智能化。



北人 R982 凹版印刷机

Beiren R982 intaglio press



BEIREN B546 卷筒纸平板书刊印刷机

BEIREN B546 web offset press for book

光学级保护膜及离型膜 CL80 涂布复合机

CL80 coating and laminating machine for optical protective film and release film



SUR 溶剂回收装置

SUR solvent recycler

With leading the printing industry to advance and building a national brand as its own responsibility, and striving to become a domestic first-class and an international leading enterprise as its goal, the intelligent printing sector of Beijing Jingcheng Machinery Electric Co., Ltd. focuses on such three businesses of package printing, publication printing and printing environmental protection to build an enterprise, by relying on the "Beiren" brand, which has a leading position in the manufacturing and service of intelligent green packaging equipment and publication printing equipment in the world and to contribute to national cultural development and social progress.

With a high-level innovative research and development team and a highly skilled workforce, Beiren Intelligent Equipment Technology Co., Ltd. is committed to developing products that meet the needs of customers, and has obtained nearly 300 patent authorizations, undertaken a number of national research and development projects, and presided over and participated in the formulation of 7 national standards. Ten products of Beiren Intelligent Equipment Technology Co., Ltd. have won the "National Key New Product" Award. The Company has many qualifications and honorary titles such as "National Center for Enterprise Technology", "Single Champion Enterprise in Manufacturing Industry", "Beijing Design Creative Center", "2019 Zhongguancun Newly Developed Major Technical Equipment Test and Demonstration Project" and "Development Organization of National and Industrial Standards". In 2021, it won the second prize of the State Science and Technology Award, and was included into the green manufacturing list of the Ministry of Industry and Information Technology of the People's Republic of China in 2021, and the "Science and Technology Reform Demonstration Enterprise" by the State-Owned Assets Supervision and Administration Commission of the State Council in 2022.

The service system of intelligent printing cloud platform is a first-class big data platform of Industrial Internet of Things (IIoT) which is built by using new technologies such as the Internet of Things, big data and cloud computing. It relies on not only the Internet of Things gateway to collect the data on equipment and upload them to the cloud to achieve equipment connectivity, but also the integration of automation and information technology to achieve the intelligent service operation and maintenance processes of printing enterprise.

能源装备

Energy equipment

北京巴布科克·威尔科克斯有限公司

Babcock & Wilcox Beijing Co., Ltd.

北京巴布科克·威尔科克斯有限公司（简称北京巴威公司）是北京市最早的合资企业之一，也是拥有世界领先的百万级超临界和超超临界锅炉及相关产品技术的高端装备制造及整合服务提供商。秉承“致力于为世界提供光明与动力之源”的崇高使命，30多年来，已向国内27个省市、国外9个国家提供了300MW以上电站锅炉200余台，累计容量超过100000MW。设计制造的世界首台大容量褐煤623度高参数超超临界锅炉机组、燃用无烟煤高参数W火焰超临界锅炉实现稳定运行；国家首个百万等级“一带一路”走出去项目——国华印尼爪哇2×1050MW超超临界燃煤发电2号锅炉再次树立了世界火电的新标杆。

北京巴威公司积极响应首都“四个中心”建设，疏解“非首都功能”进行的巴威装备制造唐山新基地建设，是公司迈向“世界一流”企业的重要一步，其“先进技术、高端制造、全球市场”的战略布局和高效率、协同的全新产品模式，必将为北京巴威公司实现国际领先，世界一流的行业领军企业奠定坚实基础。

主要产品

电站锅炉
工业锅炉
锅炉岛成套
电站环保
电站高端服务
可再生能源



印尼当地时间 2020 年 8 月 20 日 00:18，由北京巴威公司提供锅炉供货的中国首个百万等级“一带一路”走出去项目——神华国华印尼爪哇 7 号 2×1050MW 燃煤发电工程 #2 机组顺利并入印尼爪哇巴厘电网，标志着由中国制造的国家首台出口海外百万机组项目全部成功建成。



Babcock & Wilcox Beijing Co., Ltd. (hereinafter referred to as B&WBC) is one of the earliest joint ventures in Beijing, a high-end equipment manufacturer and integrated service provider with world-leading million-MW supercritical and ultra-supercritical oiler and relative technology. Adhering to the lofty mission of “being committed to providing the world with the source of light and power”, B&WBC has provided more than 200 boilers of more than 300 MW to 27 provinces and cities in China and 9 countries abroad for more than 30 years, with a cumulative generating capacity of more than 100,000 MW. The world’s first ultra-supercritical boiler unit with large capacity and lignite of high parameter (623℃) and W-shaped flame boiler for supercritical unit burning anthracite with high parameter, which are designed and manufactured by B&WBC, have achieved stable operation. The first million-MW boiler - Guohua 2 × 1,050 MW ultra-supercritical coal-fired boiler for unit # 2 of Java, Indonesia, the national “the Belt and Road” “Going Global” project, has once again set a new benchmark for world’s thermal power.

In active response to the construction of the “four centers” of the capital, and the Dispersion of Beijing’s Non-capital Functions, B&WBC constructed a new equipment manufacturing base in Tangshan, which is an important step for B&WBC to become a “world-class” enterprise. The strategic layout of “advanced technology, high-end manufacturing and global market” and its new efficient and collaborative industrial model lays a solid foundation for B&WBC becoming world’s leading enterprises in the industry.

Main products

- Power station boilers
- Industrial boilers
- Complete set of boiler island
- Environmental protection of power station
- High-end service of power station
- Renewable energy

能源装备

Energy equipment

北京北重汽轮电机有限责任公司

Beijing Beizhong Steam Turbine Generator Co., Ltd.

北京北重汽轮电机有限责任公司前身为创建于1958年的北京重型电机厂,是国内电站汽轮机、汽轮发电机及电站辅机的骨干企业,涉足电站装备制造领域超60年。是提供电站技术咨询及服务、实施电站节能提效改造、生产高效环保汽轮发电机组为主的装备制造和服务提供商。

公司拥有国际领先的GRT/MT高效反动式工业汽轮机设计研发平台、300/600MW先进的汽轮机通流技术以及专业的售后技术和服务平台,拥有由全部数控设备组成的高端智能装备制造生产线,以及高速真空动平衡机、三坐标测量仪、绝缘耐压试验设备等试验检测设施。能够为客户提供6-360MW清洁高效汽轮机、发电机产品,20-135MW等级GRT高效高转速工业汽轮机以及50-300MW等级MT高效汽轮机产品,300MW、660MW及以下汽轮发电机组提效降碳通流改造、电厂灵活性改造以及节能降耗整体解决方案,具有电站设备成套、电厂检修、燃机服务、工程总包业务能力。



高效反动式工业汽轮机

High-efficiency reactive industrial steam turbine





330MW 汽轮发电机组

330 MW turbine generator set



凸极半转速高效发电机

Salient pole half-speed high-efficiency generator

Beijing Beizhong Steam Turbine Generator Co., Ltd., formerly known as Beijing Heavy-Duty Motor Factory which was founded in 1958, is a backbone enterprise of domestic power station steam turbine, steam turbine generator sets and power station auxiliary equipment, and it has been involved in power station equipment manufacturing for more than 60 years. As an equipment manufacturer and service provider, the company mainly provides technical consultation and services for the power station, implements energy-saving and effect-raising transformation of power stations, and produces efficient and environment-friendly steam turbine generator sets.



加拿大多功能包带机器人,用于发电机线棒的包扎。

Canadian multifunctional taping robot, used for taping generator winding bars



先进的制造加工设备：叶片加工数控机床

Advanced manufacturing and processing equipment: CNC machine tools for blade processing

Beijing Beizhong Steam Turbine Generator Co., Ltd. has an world-class GRT/MT efficient reaction-type industrial steam turbine design and development platform, 300/600MW advanced steam turbine flow path technology and professional after-sales technology and service platform, a high-end intelligent equipment manufacturing line composed wholly of CNC equipment, and test and detection facilities such as high-speed vacuum dynamic balancing machine, coordinate measuring instrument (CMM) and insulation and voltage test equipment. It can provide customers with not only 6-360MW clean and efficient steam turbines and generators, 20-135MW GRT efficient high-speed industrial steam turbines and 50-300MW MT efficient steam turbines, but also the effect-raising and carbon-reducing flow path retrofit of 300MW, 660MW and below steam turbine generator sets, transformation of power plant flexibility and overall solutions to energy conservation and consumption-reduction. In addition, it has the business ability of complete power plant equipment, power plant maintenance, gas turbine services and EPC.

能源装备

Energy equipment

北京北开电气股份有限公司

Beijing Beikai Electric Co., Ltd.

北京ABB高压开关设备有限公司

Beijing ABB High Voltage Switch Gear Co., Ltd.

北京ABB开关有限公司

Beijing ABB Switch Co., Ltd.

北京宏达日新电机高压开关设备有限公司

Beijing Hongda Rixin Motor High-Voltage Switchgear Co., Ltd.

北京北开电气股份有限公司（简称：北开电气）前身是 1952 年成立的北京开关厂，有着丰富的产品研发设计、生产制造技术和管理经验，“北开”品牌在输配电行业中具有一定影响力。

北开电气以技术创新引领企业发展，不断进行产品更新迭代，产品涵盖 380V-550KV 高中低压电器及成套装置，其中高压组合电器产品不断向小型化、智能化、环保化转型，研发、设计、生产能力在国内处于领先水平。

北开电气服务领域广泛，包括城乡电网、核电站、发电厂、变电站、石油、化工、钢铁、造船、电气化铁道、地铁、城市轻轨、垃圾电站及环保产业等领域，其国家电网、南方电网为公司主要客户。

北开电气在全行业率先通过了 ISO9001 质量管理体系认证、ISO14001 环境管理体系认证和 GB/T28001 职业健康安全管理体系认证，产品曾先后服务保障了北京奥运会、北京残奥会、上海世博会、北京园博园、APEC 会议、G20 峰会、建国 70 周年国庆典礼、北京小汤山医院改扩建及方舱医院建设等国家重大工程。

“开合尽在一刻，情系万家灯火”，北开电气一直秉承“客户至上”的管理理念，坚持智能制造、高端制造，以装备报国、以创新报国。

Beijing Beikai Electric Co., Ltd. (hereinafter referred to as BBE), formerly known as the Beijing Switchgear Factory founded in 1952, has rich experience in product development and design, manufacturing and management. The "Beikai" brand has a certain influence in the power transmission and distribution industry.

Under the guidance of technological innovation, BBE makes the enterprise develop through continuously updating its products. Its products include 380 V - 550 KV high-, medium- and low-voltage electrical appliances and complete sets of equipment, among which high-voltage composite electrical appliances continue to transform to miniaturization, intelligence and environmental protection. BBE's R&D, design and production capabilities are at the leading level in China.

BBE has a wide range of electrical services, including urban and rural power grids, nuclear power plants, power plants, substations, petroleum, chemicals, steel, shipbuilding, electrified railways, metros, urban light rail, waste-to-energy plants and environmental protection industries. State Grid Corporation of China and China Southern Power Grid Co., Ltd. are the main ones among its customers.

In the industry, BBE took the lead in passing the ISO9001 quality management system certification, ISO14001 environmental management system certification and GB/T28001 occupational health and safety management system certification. Its products have served and guaranteed the Beijing Olympic Games 2008, Beijing 2022 Paralympic Winter Games, World Expo 2010 Shanghai, Beijing Garden Expo, APEC Conference, G20 Summit, the 70th anniversary of the Founding of the People's Republic of China, the reconstruction and expansion of Beijing Xiaotangshan Hospital, the construction of mobile cabin hospital and other major national projects.

"Being concerned for switching on and off lights of thousands of homes in one moment", BBE has always adhered to the management concept of "customer first" to promote intelligent manufacturing and high-end manufacturing and serve the country with equipment and innovation.



北京京城绿色能源有限公司

Beijing Jingcheng Green Energy Co., Ltd.

北京京城绿色能源有限公司的前身是北京市电线电缆总厂，成立于 1958 年，是隶属北京京城机电控股有限责任公司的一家大型国有企业。2011 年响应北京非首都功能疏解的战略部署，主动推进城区工业产业的搬迁疏解，企业顺利完成整体搬迁至通州的战略布局调整。

公司搬迁后认真贯彻落实北京市疏解非首都功能战略，打造“总部 + 基地”的集团管控模式，以再生资源 and 清洁能源为发展主线，物业和风电资产作为支撑，线缆制造业以混合所有制形式作为传承。公司旗下拥有全资企业北京京城金太阳能源科技有限公司、商都县科智华远风电有限责任公司、京城甘能盐池新能源有限公司、北京京城新能源（肇东）风力发电有限公司、北京京城新能源（敦煌）风力发电有限公司，控股企业浙江京城再生资源有限公司、京城新能源（克什克腾）装备有限公司，参股企业北京京电酒店管理有限责任公司、北京电线电缆总厂保定有限责任公司等。



Beijing Jingcheng Green Energy Co., Ltd., formerly known as Beijing Electric Wire and Cable General Factory found in 1958, is a large state-owned enterprise under Beijing Jingcheng Machinery Electric Holding Co., Ltd. In response to the strategic deployment of the dispersion of Beijing's non-capital functions, Beijing Jingcheng Green Energy Co., Ltd. took the initiative to promote the relocation of urban industrial industries in 2011, and successfully adjusted its strategic layout, that is, the overall relocation of the Company to Tongzhou.

After the relocation, it conscientiously implemented the strategy of the dispersion of Beijing's non-capital functions and created a group management and control mode of "headquarters + base", with renewable resources and clean energy as its main development line, property and wind power assets as support, and the cable manufacturing industry in the form of mixed ownership as inheritance. Beijing Jingcheng Green Energy Co., Ltd. has wholly-owned enterprises like Beijing Jingcheng Golden Sun Energy Technology Co., Ltd., Shangdu Kezhi Huayuan Wind Power Co., Ltd., Jingcheng Ganneng Yanchi New Energy Co., Ltd., Beijing Jingcheng New Energy (Zhaodong) Wind Power Co., Ltd. and Beijing Jingcheng New Energy (Dunhuang) Wind Power Co., Ltd., holding enterprises like Zhejiang Jingcheng Renewable Resources Co., Ltd. and Jingcheng New Energy (Hexigten) Equipment Co., Ltd., and shareholding enterprises like Beijing Jingdian Hotel Management Co., Ltd., Beijing Electric Wire and Cable General Factory (Baoding) Co., Ltd..

增材制造

Additive manufacturing

中航迈特增材科技（北京）有限公司

Avimetal Powder Metallurgy Technology (Beijing) Co., Ltd.

中航迈特增材科技（北京）有限公司成立于 2015 年，由北京京城机电控股有限责任公司投资控股，是国内金属增材制造（3D 打印）材料及应用综合解决方案头部企业，国家级高新技术企业、国家级专精特新“小巨人”企业。

公司以液态金属雾化——3D 打印技术为核心，主要开展金属 3D 打印及粉末冶金材料研制、增材制造应用创新开发、智能粉冶设备制造与工程服务等三大业务板块，先后为千余家客户提供增材制造材料及快速制造解决方案，致力于发展成为全球领先的增材制造综合解决方案提供商。



中航迈特粉末生产基地外景

Founded in 2015 and invested and controlled by Beijing Jingcheng Machinery Electric Holding Co., Ltd., Avimetal Powder Metallurgy Technology (Beijing) Co., Ltd. is the leading enterprise of comprehensive solutions for metal additive manufacturing (3D printing) materials and applications in China, a national high and new tech enterprise, and a national technologically advanced "little giant" enterprise.

With liquid metal atomization - 3D printing technology as the core, it mainly carries out three business segments: metal 3D printing and development of powder metallurgy materials, the manufacturing, application and innovation development of additives, intelligent powder metallurgy equipment manufacturing and engineering services. It has successively provided additive manufacturing materials and rapid manufacturing solutions for more than 1,000 customers. It is committed to becoming a world-leading supplier of comprehensive additive manufacturing solutions.





主要产品

高性能金属增材制造材料设计
智能化金属增材制造装备研发
高品质金属增材制造零部件打印



主要优势

创新开发钛合金、高温合金、铝合金及模具钢等增材制造专用粉末材料牌号百余种，可 100% 替代进口。

具备增材制造智能装备自主设计开发能力，创新研发 MT-280、MT-330、MT-450、MT-650 等金属 3D 打印机，为国之重器部件制造提供轻量化设计与增材制造解决方案。

聚焦服务应用领域，开展多尺寸、多结构、多材料零部件打印制造 / 再制造。

Main products

Design of high-performance metal additive manufacturing materials

Research and development of intelligent metal additive manufacturing equipment

Printing of high-quality metal additive manufacturing parts

Main advantages

It innovatively developed more than 100 brands of special powder materials for additive manufacturing, such as titanium alloy, superalloy, aluminum alloy and die steel, which can replace imports 100%.

It has the ability to independently design and develop intelligent equipment for additive manufacturing, innovatively research and develop metal 3D printers such as MT-280, MT-330, MT-450 and MT-650, and can provide lightweight design and additive manufacturing solutions for the manufacturing of the components of advanced equipment for the country.

Focusing on service application field, it carries out printing and manufacturing/remanufacturing of multi-size, multi-structure and multi-material parts.



增材制造

Additive manufacturing

北京京城增材科技有限公司

Beijing Jingcheng Additive Technology Co., Ltd.

北京京城增材科技有限公司是京城机电公司投资设立的专注砂型 3D 打印技术工业应用的增材制造科技公司。

公司拥有国际先进的大尺寸工业级 3D 砂芯打印机、金属激光 3D 打印机、碳纤维打印机及五轴数控加工中心等。基于多年的砂型打印工艺经验沉淀，公司成功研制出拥有自主知识产权的工业级砂型打印机。已为航空、航天、国防、军工、汽车、液压等行业提供了万余种基于砂型打印技术的复杂铸件试制及小批生产的研发。公司拥有不锈钢、铝合金、高温合金等金属材料的直接打印成形能力，拥有基于 3dp 的工艺开发能力，成功开发了铬铁矿砂、陶瓷砂、碳化硅、不锈钢等的 3dp 打印工艺和基于 slm 技术的工艺开发能力。公司和清华大学、北京科技大学、北方工业大学、太原科技大学等国内高校建立产学研合作平台，共同推进增材制造技术在工业领域的应用与开发。



主营业务

提供基于粘结剂喷射技术的 3D 砂型打印机

提供基于 3D 砂型打印技术的铸件解决方案，帮助用户实现从图纸到产品全流程服务

提供基于激光选区熔融技术 (SLM) 的技术零件打印服务



Main business

Provide 3D sand mold printer based on binder jetting technology

Provide casting solutions based on 3D sand mold printing technology to help users achieve full process services from drawings to products

Provide technical part printing service based on selective laser melting (SLM) technology

Beijing Jingcheng Additive Technology Co., Ltd., an additive manufacturing technology company invested and established by Beijing Jingcheng Machinery Electric Co., Ltd., focuses on industrial application of 3D sand mold printing technology.

It has internationally-advanced large-size industrial 3D sand core printer, metal laser 3D printer, carbon fiber printer and five-axis CNC machining center. Based on years of sand mold printing experience, it has successfully developed an industrial sand mold printer with independent intellectual property rights. It has researched and developed more than 10,000 kinds of complex castings based on sand mold printing technology, which are supplied to aviation, aerospace, national defense, military industry, automobiles, hydraulic and other industries for the trial production and small batch production. It has not only the direct printing and forming ability of stainless steel, aluminum alloy, superalloy and other metal materials, but also the process development ability based on 3dp. It has successfully developed the 3dp printing process of chromite sand, ceramic sand, silicon carbide and stainless steel and the process development ability based on slm technology. It has established an industry-university-research cooperation platform with Tsinghua University, University of Science and Technology Beijing, North China University of Technology, Taiyuan University of Science and Technology and other domestic universities to jointly promote the application and development of additive manufacturing technology in the industrial field.

机器人

Robot

京城机电机器人板块，围绕高速铁路、航天航空、汽车、3C、酿酒、家具家电等领域，积极培育控制器、减速器、伺服系统等机器人核心零部件、机器人本体，重点聚焦工业机器人领域，开发智能制造装备、系统集成应用和整体解决方案，拓展新应用场景，积极构建机器人应用和智能制造服务体系。

Focusing on high-speed railway, aerospace, automobile, 3C, wine-making, furniture and household appliances and other fields, the robot sector of Beijing Jingcheng Machinery Electric Co., Ltd. actively cultivates the core parts of robots (such as controllers, reducers and servo systems) and robot bodies, and highlights the field of industrial robots to develop intelligent manufacturing equipment as well as applications and overall solutions of system integration, expand new application scenarios, and construct a service system of robot applications and intelligent manufacturing.

北京配天技术有限公司

Beijing Peitian Technology Co., Ltd.

专注于工业机器人本体、核心零部件（伺服系统、数控系统、视觉系统）及自动化解决方案研发制造，产品已在 3C、汽车零部件、玻璃加工、电子通信等制造行业及医药行业广泛应用。

Specializing in the R & D and manufacturing of industrial robot body, core components (servo system, numerical control system, vision system) and automation solutions, the products have been widely used in 3C, auto parts, glass processing, electronic communications and other manufacturing industries and pharmaceutical industries.

北京京城智通机器人科技有限公司

Beijing Jingcheng Zhitong Robot Technology Co., Ltd.

以留美博士为领军人物，致力于智能工业机器人柔性加工系统集成研发制造，产品广泛应用于高铁、航空航天、工程机械、智能酿酒等领域，是智能酿酒领域的龙头企业。

Beijing Jingcheng Zhitong Robot Technology Co., Ltd., with Doctors once studied in the United States as the leader, is committed to the integrated R&D and manufacturing of the flexible processing system of intelligent industrial robots. Its products are widely used in high-speed rail, aerospace, engineering machinery, intelligent wine-making and other fields, and it is now a leading enterprise in the field of intelligent wine making.

青岛北洋天青数联智能有限公司

Qingdao BYTQ United Digital Intelligence Co., Ltd.

长期致力于为白色家电领域提供工业智能化与信息化的产品，提供智能工厂与数字化生产车间整体解决方案，主要服务海尔、奥柯玛、美的等重点客户。

Qingdao BYTQ United Digital Intelligence Co., Ltd. has long been committed to providing industrial intelligent and information-based products for the field of white household appliances and overall solutions for intelligent factories and digital production workshops. It mainly serves Haier, Okoma, Midea and other key customers.

北京智同精密传动科技有限责任公司

Beijing Chietom Precision Transmission Technology Co., Ltd.

在国内知名专家组成的核心团队带领下，致力于机器人核心零部件——高精度 RV 减速器的研发制造，对标行业龙头，从源头创新上解决国家“卡脖子”技术，实现进口替代。

Under the leadership of a core team composed of well-known experts in China, Beijing Chietom Precision Transmission Technology Co., Ltd. is committed to the R&D and manufacturing of high-precision RV reducer, the core component of robots, and solving the problem of national "stranglehold" technology from the source of innovation to achieve import substitution by benchmarking industry leaders.

机器人

Robot

北京配天技术有限公司

Beijing Peitian Technology Co., Ltd.



北京配天技术有限公司成立于 2010 年，系国家级高新技术企业。

公司总部位于安徽省蚌埠市高新区，总投资 5000 万元，厂房建筑面积 18400 平方米，可年产 5000 台智能工业机器人，产品负载范围涵盖 3 公斤至 280 公斤，已在多个行业、领域成功应用。

公司在北京、安徽、深圳均设立研发中心，经过多年的技术积累，在该技术领域保有专利 870 余项。

公司业务包括工业机器人本体及核心部件（伺服驱动、伺服电机等）产品的生产、销售、维修服务、技术支持和培训，同时提供机器人控制系统解决方案、成套柔性制造设备及系统、机器人应用行业自动化解决方案。

Beijing Peitian Technology Co., Ltd, established in 2010, is a national high-tech enterprise.

The company is headquartered in Bengbu High-tech Zone, Anhui Province, with a total investment of 50 million yuan and a factory building area of 18,400 square meters. The annual output is 5,000 intelligent industrial robots. The load of our industrial robot products covers the range from 3 kg to 280 kg, which has been successfully applied in many industries and fields.

The company has set up R&D centers in Beijing, Anhui and Shenzhen and holds more than 870 patents in this technical field after years of technical accumulation.

Our company's business includes the production, sales, maintenance service, technical support and training of industrial robot body and core components (servo drive, servo motor, etc.). At the same time, we can provide robot control system solutions, complete sets of flexible manufacturing equipment and systems, industry automation solutions of robot application.

主要产品

智能部件

数控系统:适用于全系列车床、钻、镗、雕铣、加工中心等,功能丰富,性能优越

伺服系统:伺服驱动器及电机覆盖 100W~5kW 功率范围,满足各种工业场景需求,进口性能,国产价格

机器视觉:为图形化编程,能够完成缺陷监测、物体识别、目标分类等丰富的功能



数控系统 / Numerical control systems



伺服系统 / Servo systems

Main products

Intelligent Components

Numerical Control System: applied for all series lathes, drills, borer, engraving and milling machine, machining centers, etc., with rich functions and superior performance

Servo System: the servo driver and motor cover the power range of 100W~5kW, meeting the needs of various industrial scenes with the super imported performance and the competitive domestic price

Machine Vision: applied for graphical programming, with many functions such as defect monitoring, object recognition and target classification and so on



视觉系统 / Vision system



LCD靶材智能化生产线项目

机器人

Robot

机场物流分拣项目

主要产品

工业机器人本体

六轴工业机器人, 负载范围: 4-280Kg

SCARA 工业机器人, 负载范围: 3-20Kg

自动化焊接工业机器人, 支持 TIG、MIG、MAG、等离子切割、激光焊接等

软件产品: 工艺应用软件包(弧焊功能包、折弯、码垛)、3D 离线编程与仿真软件(RobotLive)、智能设备管理系统(E-Manager)、PC 端编程软件(RPsim)、MES

Main products

Industrial Robot Body

Six-axis Industrial Robot, Load Range: 4-280Kg

SCARA Industrial Robot, Load Range: 3-20Kg

Automatic-welding Industrial Robot: supporting TIG, MIG, MAG, plasma cutting, laser welding, etc

Software Products: Software Package of Process Application (arc-welding function package, bending and palletizing), 3D Off-line Programming and Simulation Software (RobotLive), Intelligent Equipment Management System (E-Manager), PC Programming Software (RPsim), MES



六轴工业机器人
Six-axis Industrial Robot



SCARA 工业机器人
SCARA Industrial Robot



自动化焊接工业机器人
Automatic-welding Industrial Robot



智能设备管理系统
Intelligent Equipment-management System

主要产品

智能机器人

科研教育机器人、特种机器人

定制机器人业务: 以客户场景引导, 定制化开发, 进入多个细分行业, 掌握众多应用场景需求

智能主执行器技术: 基于现有执行器技术, 开发具有任务级规划、智能识别、动态避障、柔性操作等功能的智能主执行器产品, 建立通用机器人技术的重要基石

Main products

Intelligent Robot

Research and Education Robot, Specialized Robot

Customized Robot Business: taking customer scenarios as a guide with customized development, and supporting multiple sub-industries, and mastering the requirements of many application scenarios

Intelligent Master Actuator Technology: based on the existing actuator technology, to develop the intelligent master actuator products with the functions of task-level planning, intelligent identification, dynamic obstacle avoidance and flexible operation, and establish the important cornerstone of general robot technology



实训平台 / Training platform



定制工作站 / Customized workstation



主要产品

智能自动化

自动化工作单元及产线实现设备互联和工艺互联

智能仓储、物流实现原料、半成品、成品的存储、运输和管理

生产管理软件实现智能生产排程及人员计划安排

自动化设备、传感器、机器视觉实时采集生产数据

智能设备管理系统实时监控设备状态



食品厂纸箱码垛
Carton palletizing in food factory



手机壳打磨抛光
Grinding and polishing of mobile phone case



匣钵拆垛卸料
Sagger unstacking and unloading



电子元件锡焊
Tin soldering of the electronic components

Main products

Intelligent Automation

To Realize the Equipment and Process Interconnection of Automatic Work Unit and Production Line

The intelligent warehousing and logistics realizes the storage, transportation and management of raw materials, semi-finished products and finished products

The production management software realizes intelligent production scheduling and personnel planning

The automatic equipment, sensors and machine vision collect production data in real time

The intelligent equipment management system monitors equipment status in real time



冲压上下料
Stamping loading and unloading



无源滤波器自动化智能柔性装配生产线
Automatic intelligent flexible assembly line of passive filter



检测线
Detection line



滤波器谐振杆装配
Filter resonant rod assembly



全自动、无人化西林瓶拆包解决方案

机器人

Robot

北京京城智通机器人科技有限公司

Beijing Jingcheng InterSmart Robotic System Co., Ltd.

北京京城智通机器人科技有限公司成立于 2019 年，是北京京城机电控股有限责任公司联合北京国有资本经营管理中心成立的专业化的机器人产业运营平台，是国内领先的工业机器人柔性加工系统集成和行业解决方案供应商。

公司以其专有技术“交互式柔性机器人加工系统”为依托，以酿酒自动化、轨道交通自动化业务为核心，旗下拥有国家专精特新小巨人企业 1 家、国家高新技术企业 4 家、省级技术领先型企业 1 家，省级研发中心 1 个、市级研发中心 1 个，实现了以工业 4.0 智能生产为指向的全产业链布局。

公司致力于成为北京市智能制造和先进装备领域的领军企业，成为全球智慧工厂的引领者。

Beijing Jingcheng InterSmart Robotic System Co., Ltd was established in 2019, founded in 2019, is a professional robot industry operation platform established by Beijing Jingcheng Machinery Electric Holdings Co., Ltd. and Beijing State-owned Capital Operation And Management Center. It is a leading supplier of industrial robot flexible machining system integration and industry solutions in China.

Beijing Jingcheng InterSmart Robotic System Co., Ltd relies on its proprietary technology "Interactive flexible Robot processing system" and takes brewing automation and rail transit automation business as the core. It has 1 national specialization-refinement-specialty-novelty leading enterprise, 4 national high-tech enterprises, 1 provincial technology leading enterprise, 1 provincial R & D center and 1 municipal R & D center, realizing the layout of the whole industry chain directed by industrial 4.0 intelligent production.

Beijing Jingcheng InterSmart Robotic System Co., Ltd is committed to becoming a leading enterprise in the field of intelligent manufacturing and advanced equipment in Beijing and a leader in global smart factories.

主要产品

酿酒机器人自动化生产线

轨道交通装备智能系统

交互式机器人柔性加工系统

智能柔性生产线

Main products

Automatic production line with robots of brewing

Intelligent system of rail transit equipment

Interactive flexible robot processing system

Intelligent flexible production line

交通生产线 / Transit production line



酿酒生产线 / Brewing production line



典型应用 Typical Applications

白酒智能酿造系统解决方案 Intelligent Liquor Brewing System Solution

白酒智能酿造系统以全产线、全工艺、一体化智能酿造为特点，以“智能控制”为核心，集物料运转、发酵、蒸馏、出酒为一体，实现传统白酒生产工艺的自动化、数字化和智能化，并广泛应用于泸州老窖、郎酒、水井坊、西凤、古井、洋河、酒鬼等知名酒企。

The intelligent liquor brewing system is characterized by whole production line, takes "intelligent control" as the core, and integrates material transfer, fermentation, distillation and liquor production to realize the automation, digitization and intelligence of traditional liquor production technology, which has been widely applied in Luzhou Laojiao, Lang Jiu, Swellfun, Xifeng, Gujing, Yanghe, Jiugui and other well-known wine enterprises.



先进轨道交通装备智能系统解决方案 Intelligent System Solution of Advanced Rail Transit Equipment

包含车体型材焊前打磨、组对焊接、焊缝打磨、拉丝、钻孔、腻子打磨、喷涂；转向架焊缝打磨、焊接、装配等柔性制造装备，以及智能仓储物流和生产过程信息化控制系统。采用机器人技术为核心，配合力位视觉技术检测装备，引入离线编程、在线校准过程控制技术，实现了铝合金车身、转向架生产过程智能化。客户包括中车旗下各大轨道交通车辆公司。

It includes the profile pre-welding grinding for car body, group welding, weld grinding, wire drawing, drilling, putty grinding and spraying, and also the bogie weld grinding, welding, assembly and other flexible manufacturing equipment, as well as the control system of the intelligent warehousing logistics and production process information. The intelligent production process of aluminum alloy body and bogie is realized by using robot technology as the core, combined with force position vision inspection equipment, and introducing the process control technology of off-line programming and on-line calibration. They have provided the service and to the customers of all the major rail transit vehicle companies under CRRC.



机器人

Robot

青岛北洋天青数联智能有限公司

Qingdao BYTQ (Beiyang Tianqing) Digital Intelligence Co., Ltd.

青岛北洋天青数联智能有限公司（以下简称北洋天青）成立于 2013 年，立足于家电行业，面向制造业，是一家专注智能制造、以技术创新为核心引领行业发展的智能工厂整体解决方案供应商，为自我革新的制造企业提供基于云端、算法驱动、灵活可配置的多平台实时协同系统，搭配机器人应用、自动化设备、智能物流等硬件设施，用轻量高效的方式帮助制造业客户提高生产效率、降低制造成本、打通信息孤岛，真正实现数据驱动制造。针对不同行业的需求，整合运动控制、影像处理、机械人应用等技术，配合软件系统开发为客户提供最具竞争力的产品和服务。业务涵盖消费类电子、家电业、医疗品、新能源电池、食品领域。

主要产品

信息化工业软件系统
地面输送装配系统
空中输送系统
机器人集成应用
自动化冲压连线

主要优势

公司以企业信息化业务版块为驱动核心，以定制化智能制造装备为基础，打通设备层、控制层、运营层、决策层，为客户提供工业自动化、数字化、网络化、智能化的端到端、一站式产品和服务，包含前期工厂的整体规划、项目实施、交付验收、后续服务等各个阶段。帮助企业建立智能化数字化工厂，推进数字化变革，实现降本增效，改进设计，提高效率，模式升级，高质量制造。



冲压连线 - 多维连线、自动冲压
Stamping bounding-Multidimensional bounding, Automatic Stamping



机器人集成应用
Robot integrated application



地面输送装配系统
Ground transportation and assembly system

Established in the household appliance industry for the manufacturing industry in 2013, QINGDAO BYTQ UNITED DIGITAL INTELLIGENCE CO., Ltd. (hereinafter referred to as BYTQ) is a supplier of integrated solutions for intelligent plants focusing on intelligent manufacturing and leading industry development with the core of technological innovation. BYTQ provides self-renewing manufacturing enterprises with Cloud-based, algorithm-driven, flexible and configurable multi-platform real-time cooperative systems. Supported with hardware systems such as robot application, automation equipment and intelligent logistics, BYTQ assists customers of the manufacturing industry in enhancing productivity, reducing cost, and breaking through isolated islands of information in a light-weighted and efficient way, to actually realize data-driven manufacturing. Aiming at different demands of various industries, integrated with various technologies such as motion control, image processing and robot application, supported with software system development, it provides customers with the most competitive products and services, covering the business scope of consumer electronics, household appliances, medical treatment products, new energy batteries and food products.

Main products

Information industry software system
The assembly system of ground transportation
Air transportation system
Robot integrated application
Automatic stamping connection

Main advantages

With the driving core of the enterprise information business field, and based on customized intelligent manufacturing equipment, the company breaks through different levels such as the equipment level, the control level, the operation level and the decision-making level, to provide customers with industrial automated, digitalized, networked and intelligentized end-to-end one-stop products and services, covering various stages such as early integrated planning for plants, project implementation, delivery & acceptance check and follow-up services. The company assists enterprises in establishing intelligentized and digitalized plants, facilitating digitalized reforms, realizing cost reduction and benefit increasing, improving designs, increasing efficiency, upgrading modes and realizing high-quality manufacturing

资本平台

Capital platform

北京京城机电股份有限公司

Beijing Jingcheng Machinery Electric Co., Ltd.

北京京城机电股份有限公司是北京京城机电控股有限责任公司下属的上市平台。1993 年在香港联合交易所 H 股上市，1994 年在上海证券交易所 A 股上市。公司旗下拥有北京天海工业有限公司、青岛北洋天青数联智能有限公司、京城控股（香港）有限公司三家子公司。

天海工业是北京京城机电股份有限公司所属主要骨干企业，是拥有八个专业气体储运装备生产基地及一个美国公司的集团公司。天海工业先后荣获中国百强企业、北京市十佳外商投资企业、国家高新技术企业、中国金属压力容器制造行业排头兵企业、北京市专精特新“小巨人”企业和全国“五一”劳动奖状等荣誉称号。

北洋天青是一家智能工厂整体解决方案提供商，为制造企业提供基于云端、算法驱动、灵活可配置的多平台实时协助系统，搭配机器人应用、自动化设备、智能物流等硬件设施，用轻量高效的方式帮助制造业客户提高生产效率、降低制造成本、打通信息孤岛，真正实现数据驱动制造。业务涵盖家电业、消费类电子、医疗品、新能源电池、食品等领域。

京城香港主要从事进出口贸易、广告代理、信息咨询等业务。

Beijing Jingcheng Machinery Electric Co., Ltd. is a listed platform under Beijing Jingcheng Machinery Electric Holding Co., Ltd. It was listed on the Hong Kong Stock Exchange in H shares in 1993 and on the Shanghai Stock Exchange in A shares in 1994. It has such three subsidiaries as Beijing Tianhai Industry Co., Ltd., Qingdao BYTQ United Digital Intelligence Co., Ltd. and Jingcheng Holding (Hong Kong) Co., Ltd..

Beijing Tianhai Industry Co., Ltd., the main backbone enterprise of Beijing Jingcheng Machinery Electric Co., Ltd., is a group company with eight professional gas storage and transportation equipment production bases and an American company. It has successively won the honorary titles of Top 100 Chinese Enterprises, Beijing's Top 10 Foreign-Invested Enterprises, national high and new tech enterprise, Pioneer Enterprise in Chinese Metal Pressure Vessel Manufacturing, Beijing Municipal-Level Technologically Advanced Small- and Medium-Sized Enterprises and National "May Day" Labor Award.

Qingdao BYTQ United Digital Intelligence Co., Ltd., an integrated solution provider of intelligent factories, provides manufacturing enterprises with a cloud-based, algorithm-driven, flexible and configurable multi-platform real-time support system, which is equipped with robot applications, automation equipment, intelligent logistics and other hardware facilities. It can help manufacturing customers improve production efficiency, reduce manufacturing costs, open up information islands, and truly achieve data-driven manufacturing in a lightweight and efficient way. Its business covers household appliances, consumer electronics, medical supplies, new energy batteries, food and other fields.

Jingcheng Holding (Hong Kong) Co., Ltd. is mainly engaged in import and export trade, advertising agency, information consulting and other businesses.



资本平台

Capital platform

北京京城机电产业投资有限公司

Beijing Jingcheng Machinery Electric Industry Investment Co., Ltd.



北京京城机电产业投资有限公司(以下简称“京城产投”)于2018年7月注册成立,主要开展资本运作、股权投资、投资管理等业务,是北京京城机电控股有限责任公司(以下简称“京城机电”)旗下产业投资平台,致力于为京城机电持续升级提供产业投资服务,成为装备制造业领域最有价值的产业创新投资公司之一。

京城产投按照京城机电“十四五”战略规划指引,立足京城机电在北京装备制造业的技术、产业及资源优势 and 影响力,围绕机器人及增材制造、关注“机床、液压、气体储运、环保、智能印刷、能源装备”等京城机电重点发展的“高精尖”产业,通过投资入股方式参与一批成长性高、市场前景良好的行业领军企业,为优化京城机电产业结构提供服务,拓宽资本运作路径。通过资本运作和管理,着力打造专业化产业投资平台。

2020年以来,京城产投通过资本运作,先后完成了对京城智通、中航迈特、智同精密等重点项目的投资。为京城机电构建“高精尖”产业结构和高质量发展提供了有力支撑。

京城产投将持续聚焦机器人本体、关键零部件及系统集成等机器人及智能制造全产业链及核心技术的投资,助力打造国内一流、世界领先的机器人产业集群。持续推进增材制造装备产业发展,加强资本运作,持续关注增材制造新技术、新领域、新业务,助力构建具备全球竞争力的增材制造产业集群。持续为京城机电重点发展产业提供资本运作服务。

Incorporated in July 2018, Beijing Jingcheng Machinery Electric Industry Investment Co., Ltd. (hereinafter referred to as “BJII”) was mainly engaged in capital operation, equity investment, investment management and other businesses. As an industrial investment platform under Beijing Jingcheng Machinery Electric Holding Co., Ltd. (hereinafter referred to as “JCME”), it is committed to providing industrial investment services for the continuous upgrading of JCME and becoming one of the most valuable industrial innovation investment companies in the field of equipment manufacturing.

In accordance with the guidance of the “14th Five-Year Plan” strategic planning of JCME and on the basis of the technological advantage, industrial advantage, resource advantage and influence of JCME in Beijing’s equipment manufacturing industry, BJII joins a batch of leading enterprises with high growth and good market prospects in the industry of the robot and additive manufacturing as well as the “high-level, elite and top-notch” industries that JCME is engaged in, such as machine tools, hydraulics, gas storage and transportation, environmental protection, intelligent printing and energy equipment, through investment and equity participation to provide services for the optimizing JCME’s industrial structure and broaden the path of capital operation. It strives to build a professional industrial investment platform through capital operation and management.

Since 2020, BJII has completed investment in key projects of Beijing Jingcheng Zhitong Robot Technology Co., Ltd., Avimetall Powder Metallurgy Technology (Beijing) Co., Ltd. and Beijing Chietom Precision Transmission Technology Co. Ltd. through capital operation. It has provided strong support for the construction of “high-level, elite and top-notch” industrial structure and high-quality development of JCME.

BJII will continue to focus on the investment in the whole industrial chain and core technologies of robot and intelligent manufacturing, such as robot body, key parts and system integration, to help build a domestic first-class and world-leading robot industrial cluster, continuously promote the development of additive manufacturing equipment industry, strengthen capital operation and pay attention to new technologies, new fields and new businesses of additive manufacturing to help build an additive manufacturing industry cluster with global competitiveness, and continuously provide capital operation services for JCME.

北京京城国际融资租赁有限公司

Beijing Jingcheng International Financial Leasing Co., Ltd.

北京京城国际融资租赁有限公司(简称“京城租赁”)是京城机电与京城工业株式会社有限公司(简称“京城工业”)共同出资组建的一家专业从事融资租赁业务的中外合资企业,成立于2010年。作为北京市国资委系统内最早成立的厂商系融资租赁公司,京城租赁立足发挥京城机电整体价值和产业优势,坚持产融协同、投租联动,致力成为集团资本平台的重要载体和助推产业发展的重要支撑。

京城租赁作为京城机电旗下资本运作平台的重要组成部分,公司业务以服务集团产业发展为基础,以提供多元化的金融解决方案为核心,全力推进产业市场与资本市场的结合。通过优质的资产管理服务,助推集团资源配置体系的优化;通过个性化的融资租赁服务,服务制造商销售体系,并由此为终端客户提供优质的融资租赁产品和综合运营服务。同时积极探索实践供应链金融业务,从产业链、供应链整体出发,为核心企业与上下游企业提供一体化、系统性的金融解决方案。

Found in 2010, Beijing Jingcheng International Financial Leasing Co., Ltd. (hereinafter referred to as "Jingcheng Leasing") is a sino-foreign joint venture specializing in financial lease which is funded by JCME and Jingcheng Industry Co., Ltd. (hereinafter referred to as "J.I."). As the earliest financial lease company established by manufacturers in the system of State-Owned Assets Supervision and Administration Commission of People's Government of Beijing Municipality, Jingcheng Leasing is committed to becoming an important carrier of the Group's capital platform and an important support to boost industrial development by giving full play to the overall value and industrial advantages of JCME and adhering to the linkage of investment and leasing and the coordination of industry and finance.

As an important part of the capital operation platform under JCME, Jingcheng Leasing is committed to promoting the combination of industrial market and capital market on the basis of serving the industrial development of the Group and providing diversified financial solutions. It can boost the optimization of the Group's resource allocation system through high-quality asset management services, serve the manufacturer's sales system through personalized financial leasing services and thus provide high-quality financial leasing products and comprehensive operation services for end customers. Meanwhile, it actively explores and practices the supply chain finance (SCF) business to provide integrated and systematic financial solutions for core enterprises as well as upstream and downstream enterprises from the whole perspective of the industrial chain and the supply chain.



创新平台

Innovation sector

北京市机电研究院有限责任公司

Beijing Mechanical and Electrical Research Institute Co., Ltd.



北京市机电研究院有限责任公司（简称：京城创新）的前身是成立于 1978 年的北京市机电研究院，是当时北京地区最大的机电一体化科研事业单位，其历史源于 1907 年成立的京师初等工业学堂、北京工业学校。建院以来，在机床、食品、环保、激光、精密仪器、汽车等行业领域完成科研课题及研制项目千余项，其中 200 余项获国家及省部级科技成果奖。2017 年，北京市机电研究院进行公司制改制，更名为北京市机电研究院有限责任公司。2018 年，京城机电为落实首都城市战略定位，创新技术研发体系建设，更好地构建高精尖产业结构，特批准依托机电研究院组建成立京城机电技术创新研发平台，全方位履行京城机电一级技术创新与研发职能。2021 年，依据京城机电“十四五”战略布局，京城创新积极参与京城机电创新发展平台、数字化转型平台、决策智囊平台等建设，努力服务于首都功能定位，服务于京城机电转型发展。京城创新与国内外知名大学、科研院所和企事业单位紧密合作，成立专业实验室和研发中心，在新技术、新材料、智能制造、低碳、信息化及数字化等领域开展技术创新工作，攻克“卡脖子”技术难题。未来，京城创新将致力于成为国内领先的智能装备研发机构及资源整合中心，为京城机电成为国内领先的装备制造产业集团提供人才、技术、产业的多方位支持，为首都发展做出应有贡献。

The predecessor of Beijing Mechanical and Electrical Research Institute Co., Ltd. (hereinafter referred to as "Jingcheng Innovation") is Beijing Mechanical and Electrical Research Institute was founded in 1978, which was the largest electromechanical integration research institution in Beijing at that time. Beijing Mechanical and Electrical Research Institute originated from Capital Primary Industrial School established in 1907 and Beijing Municipal Advanced Industrial Vocational School. Since its establishment, Jingcheng Innovation has completed more than 1,000 scientific research tasks and research projects in machine tools, food, environmental protection, lasers, precision instruments, automobiles and other industries, of which more than 200 have won national, provincial and ministerial science and technology awards. In 2017, Beijing Mechanical and Electrical Research Institute carried out corporate-style restructuring and renamed itself as Beijing Mechanical and Electrical Research Institute Co., Ltd.. In 2018, in order to implement the strategic positioning of the capital city, innovate the construction of the technological research and development system, and better build a "high-level, elite and top-notch" industrial structure, JCME Technological Innovation and Development Platform is hereby approved by JCME to be established by relying on Beijing Mechanical and Electrical Research Institute. The Platform can comprehensively perform the functions of first-class technological innovation and research and development of JCME. In 2021, in accordance with the "14th Five-Year Plan" strategic layout of JCME, Jingcheng Innovation actively participated in the construction of JCME's innovation and development platform, digital transformation platform, decision-making think tank platform and others, and strove to serve the functional positioning of the capital and the transformation development of JCME. In close cooperation with well-known universities, scientific research institutes, enterprises and public institutions at home and abroad, Jingcheng Innovation established professional laboratories and research and development centers to carry out technological innovation in new technologies, new materials, intelligent manufacturing, low-carbon, informatization and digitalization and tackle the "stranglehold" technical problems. In the future, Jingcheng Innovation will be committed to becoming a leading intelligent equipment R&D institution and resource integration center in China, providing all-round support in talent, technology and industry for JCME so as to make JCME become a leading equipment manufacturing industry group in China and making due contributions to the development of the capital.

科技园区

Science and technology parks

北人集团有限公司

Beiren Group Corporation

北人集团有限公司成立于 1952 年，曾是中国印刷设备制造业的领先企业，为中国印刷业的产业进步做出了突出贡献。

2012 年以来，北人集团主动疏解非首都功能，依靠自身品牌和资源实力，从传统机械制造向科技文化园区运营与服务转型，利用 55 万平方米土地和 30 万平方米房产建筑，打造了亦创智能机器人创新园、B9 户外文化产业园，同时加快推进通州园区、朝阳双井园区、丰台园区建设。2016 年，随着世界机器人大会永久会址落户北人集团，亦创国际会展中心为众多国际国内重大活动提供了优质的服务保障，以卓越的表现成为展示“北人服务”的重要窗口。

“十四五”时期，北人集团将秉承“团结、求实、夺魁、奉献”的企业精神，实施“园区+会展”双轮驱动发展战略，坚持“市场化机制、国际化标准、专业化团队、精细化管理”的服务理念，为服务首都“四个中心”建设再立新功。



Founded in 1952, Beiren Group Corporation was once a leading enterprise in China's printing equipment manufacturing industry and made outstanding contributions to the progress of China's printing industry.

Since 2012, Beiren Group has taken the initiative to disperse non-capital functions. Relying on its own brand and resource strength, it has transformed to the operation and service of scientific, technological and cultural innovation parks from traditional machinery manufacturing. By using 550,000 m² of land and 300,000 m² of real estate, it has built Etrong Intelligent Robot Innovation Park and B9 Outdoor Cultural Industrial Park. Meanwhile, it has accelerated the construction of Tongzhou Park, Chaoyang Shuangjing Park and Fengtai Park. In 2016, with the permanent venue of the World Robot Conference settled in Beiren Group, Etrong International Convention and Exhibition Center also provided high-quality service guarantee for many international and domestic important activities, and became an important window to show "Beiren services" with outstanding performance.

During the "14th Five-Year Plan" period, Beiren Group will adhere to the enterprise spirit of "unity, practicality, competition and dedication" to implement the two-wheel drive development strategy of "park + convention & exhibition", stick to the service concept of "market-oriented mechanism, international standards, professional team and refined management", and make new contributions to the construction of the "four centers" of the capital.



科技园区

Science and technology parks

北京京城机电资产管理有限公司

Beijing Jingcheng Machinery Electric Asset Management Co., Ltd.

北京京城机电资产管理有限公司（简称：资产公司）作为京城机电第二主业平台公司，经过十余年的发展，目前管理房产面积 50 万平方米，物业面积 70 万平方米。京城机电通过资产公司对不动产资源进行整体规划、市场化运作和专业化运营管理，构建全方位的智慧园区运营和产业服务生态，进一步打造统一的物业服务体系及品牌，从产业、功能、盈利模式及组织上持续推进现有产业园区的转型提升。

目前，资产公司强化智慧科技、产业投资的引领和助推作用，以租赁管理及物业服务为基础业务，大力拓展酒店运营管理业务，积极培育科技文创园区、物流园区的运营和服务。形成以城市空间运营为核心，物业服务为延伸，商业运营服务为重点，产业投资为助推的现代产业生态体系，致力于推进京城机电系统内外不动产资源管理的集约化、市场化、专业化、高效化经营和管理，为京城机电高质量发展贡献力量。



毕捷电通文化创意产业园



京城尚德智造产业园



北开智能制造园区

As the second main business platform company of JCME, Beijing Jingcheng Machinery Electric Asset Management Co., Ltd. (hereinafter referred to as the "Asset Company") has managed 500,000 m² of real estate and 700,000 m² of property area after more than ten years of development. JCME conducts an all-round ecology of smart park operation and industrial service through the Asset Company's overall planning, market-oriented operation and professional operation management of real estate resources to further build a unified property service system and brand and continuously promote the transformation and improvement of existing industrial parks from the perspective of industry, function, profit model and organization.

At present, the Asset Company is strengthening the leading and boosting role of smart technology and industrial investment, vigorously expanding the hotel operation and management business on the basis of lease management and property services, and actively cultivating the operation and services of scientific, technological and cultural innovation park innovation parks and logistics parks to form a modern industrial ecosystem with urban space operation as the core, property service as the extension, commercial operation service as the focus and industrial investment as the boost. It is committed to promoting the intensive, market-oriented, professional and efficient operation and management of real estate resource management inside and outside JCME system to contribute to the high-quality development of JCME system.

科技园区

Science and technology parks

北京重型电机厂有限责任公司

Beijing Heavy-Duty Motor Factory Co., Ltd.



北重科技文化产业园位于北京市石景山区吴家村路 57 号，占地面积约 31 万平方米，各类建筑面积逾 20 万平米。园区交通便利、产业氛围浓厚、建筑空间灵活、生态环境优美、富有工业文化气息。

园区依托京城机电科技文化园区的整体品牌，聚焦科技、智造、数字、低碳产业主题，建设科技引领、制造升级、数字赋能、文化创新的新一代产业园区，推动产业聚集联动、服务赋能发展、生态迭代焕新，实现传统工业空间转型升级和科技文创园区高质量发展，打造京西科技文创园区的新地标！

Located at No. 57, Wujiacun Road, Shijingshan District, Beijing, Beizhong Science, Technology and Culture Industrial Park covers an area of about 310,000 m², with various building areas of more than 200,000 m². The park has convenient transportation, strong industrial atmosphere, flexible architectural space, beautiful ecological environment and rich industrial culture atmosphere.

Relying on JCME's overall brand of scientific, technological and cultural park, the Park focuses on the theme of science and technology, intelligent manufacturing, digital and low-carbon industry to build a new generation of industrial parks featuring technology leadership, manufacturing upgrading, digital empowerment and cultural innovation, to promote industrial agglomeration and linkage, serve empowerment development as well as ecological iteration and renewal, to realize the transformation and upgrading of traditional industrial space and high-quality development of scientific, technological and cultural innovation parks and to create a new landmark of scientific, technological and cultural innovation parks in western Beijing!

北京天海科技广场

Beijing Tianhai Science and Technology Plaza

北京天海科技广场坐落于北京市朝阳区天盈北路9号，地处中关村科技园区朝阳园垡头工业园。

三十年前，这里还是北京国企京城机电旗下天海工业公司的厂区，伴随着疏解整治促提升、北京老工业厂区升级转型的步伐，传统气瓶产业已疏解转移，气瓶老厂房被打造成以自主创新为核心、集聚科技文创等新业态的产业园区。

园区尊崇的是现代主义建筑简约质朴的风格，重点打造“千米长廊、万坪绿荫、新旧十楼、精拙百景、浑然一韵、神动气灵”的园林意境，隐建筑于园林之中。园林景观建设尽也可能营造自然主义意境，从而达到园林景观、装置艺术景观与建筑景观的水乳交融，处处有景却又处处无景的高品位空间感。



Beijing Tianhai Science and Technology Plaza is located at No.9, Tianying North Road, Chaoyang District, Beijing, and in Fatou Industrial Park, Chaoyang Park, Zhongguancun Science Park.

Thirty years ago, it was the plant area of Beijing Tianhai Industry Co., Ltd. under JCME, a Beijing State-owned Enterprise. With the pace of dispersion, regulation and promotion, and the upgrading and transformation of Beijing's old industrial plants, the traditional gas cylinder industry has been dispersed and transferred, and the old gas cylinder plants have been built into an industrial park focusing on independent innovation and gathering new business models in science, technology and culture.

The park supports the simple and plain style of modernist architecture, and focuses on building an artistic conception of garden with "a corridor about one thousand meter long, green shade of 10,000 m², ten new and ten old buildings and all kinds of landscape, whether beautiful or ordinary, but like nature itself" by concealing buildings in the garden. The construction of garden landscape is also to create an artistic conception of naturalism as much as possible, so as to make artistic landscape and building landscape in perfect harmony, thus forming a high-grade sense of space where there seems to be no landscape but landscapes everywhere.



北京京城置地有限公司

Beijing Jingcheng Zhidi Co., Ltd.

北京京城置地有限公司（简称：京城置地）成立于 2014 年 9 月，注册资本 2 亿元，为京城机电全资子公司。根据京城机电总体战略部署，京城置地贯彻落实北京市疏解非首都功能要求，坚持以开发建设政策性保障房项目为主，盘活京城机电系统内存量土地，支持装备制造主业转型升级为目的。作为京城机电房地资源开发的重要载体和平台，京城置地在业务发展中，逐渐形成以地产开发为核心，以资产运营为重点，具有可持续发展能力的国有房地产开发企业。

2014 年 12 月经市住建委授权，京城置地负责开发了丰台区卢沟桥南里 4、5、6 号地棚改定向安置房项目，总占地面积 22 万平方米，规划总建筑面积 63 万平方米，共建设完成保障房 3893 套。

Founded in September 2014, Beijing Jingcheng Zhidi Co., Ltd. (hereinafter referred to as Jingcheng Zhidi) with a registered capital of RMB 200 million is a wholly-owned subsidiary of JCME. According to the overall strategic deployment of JCME, Jingcheng Zhidi implements the requirements of Beijing for the dispersion of Beijing's non-capital functions and insists on revitalizing the stock land within JCME system based on the development and construction of policy-based indemnificatory apartments to support the transformation and upgrading of the main business of equipment manufacturing. As an important carrier and platform for the development of JCME real estate resources, Jingcheng Zhidi has gradually formed a state-owned real estate development enterprise with sustainable development capabilities in its business development, which takes real estate development as its core business and asset operation as its focus.

In December 2014, with the authorization of Beijing Municipal Commission of Housing and Urban-Rural Development, Jingcheng Zhidi was responsible for the development of directional resettlement housing project of # 4, #5 and #6 shanty towns in Nanli, Lugouqiao subdistrict, Fengtai District. The project covers a total area of 220,000 m² with a planned total building scale of 630,000 m² and 3,893 sets of indemnificatory apartments completed.



人才发展平台

Talent development platform

北京市工贸技师学院

Beijing Industry and Trade Technician College

北京市工贸技师学院是一所跨行业培养技术技能型人才的国家级重点技工学校，属于职业教育类的公益二类事业单位，是全国首批技师学院之一。

学院设有智能制造、文化创意、现代服务三大专业平台，涵盖 37 个专业 40 个专门化方向，其中 19 个专业具备学制培养预备技师(技师)的资质。数控加工(数控车工)、数控加工(数控铣工)、电气自动化设备安装与维修、楼宇自动控制设备安装与维护、计算机动画制作、服装设计与管理 6 个专业具有学制培养技师的资质，在校学生四千余人。

学院拥有现代化的办学条件，教学仪器设备总值 4.4 亿元，实训室 185 个。学院专任教师 300 余人，拥有 4 个以学院教师命名的北京市技能大师工作室，1 个国家级技能大师工作室。

学院是国家中等职业教育改革发展示范学校、国家级高技能人才培训基地、全国技工院校一体化课程教学改革学校和一体化师资培训基地、北京市职业技能公共实训基地、北京市非物质文化遗产培训基地。

近些年，学院成为世界技能大赛时装技术项目、移动机器人项目、商品展示技术项目中国集训基地，被誉为“技师摇篮”。先后被授予“全国职业教育先进单位”“国家技能人才培养突出贡献单位”，连续多年被评为“首都文明单位”“北京市技工院校教育教学优秀单位”。



Beijing Industry and Trade Technician College is a national key school for skilled workers which train technical and skilled talents across industry. It is a public institutions of public welfare category II in vocational education and one of the first batch of Technician Colleges in China.

The college has three professional platforms, namely, intelligent manufacturing, cultural creativity and modern service, which covers 37 majors and 40 specialized directions. Its 19 majors have the qualified school system for training preliminary technicians (technicians) and 6 majors have the qualified school system for training technicians, namely, CNC machining (CNC lathe operators), CNC machining (CNC milling operators), installation and maintenance of electrical automation equipment, installation and maintenance of building automatic control equipment, computer-aided animation production, costume design and making. There are more than 4,000 students in the college.

The college has modern conditions for running a school. It has teaching instruments and equipment worthy of RMB 440 million, and 185 training rooms. The college has more than 300 full-time teachers, four Beijing technical master studios named after the college teachers, and one state-level technical master studios.

The college is selected as a National Demonstration School for the Reform and Development of Secondary Vocational Education, China's State-Level Training Base for High Skilled Talents, one of China's Technical Colleges Implementing Integrated Curriculum Teaching Reform, an Integrated Teacher Training Base, Beijing Public Vocational Training Base and Beijing Intangible Cultural Heritage Training Base.

In recent years, the College, known as the "cradle of technicians", has become a Chinese national training base for fashion technology, mobile robot and commodity visual merchandising of the World Skills Competition (WSC). It has entitled as "National Advanced Vocational College" and "Outstanding Contribution Unit for the Cultivation of National Skilled Talents", and consecutively awarded as "Model Unit" and "Excellent Education and Teaching Unit of Beijing Technical Colleges" for many years.

人才发展平台

Talent development platform

北京京城机电控股有限责任公司培训中心

Beijing Jingcheng Machinery Electric Holdings Co., Ltd. Training Center

北京京城机电控股有限责任公司培训中心（简称“京城机电培训中心”）是北京京城机电控股有限责任公司（简称“京城机电”）为打造人才发现培养平台，于2011年在朝阳教委审批、北京市编办登记设立的教育培训机构。

多年来京城机电培训中心充分发挥企业领导干部培训基地的作用，依托京城机电党校教学师资力量，承担京城机电及所属企事业单位领导干部、管理人员、支部书记、积极分子、组工群团干部思想政治建设、管理技能培养、职工素质提升等培训任务。

京城机电培训中心围绕京城机电的战略布局，肩负“实现人才对组织价值最大化”的使命，聚焦企业经营管理人才、专业技术人才和党建人才的培训和发展，创新培养理念、丰富师资力量、打造精品课程，积极探索提高人才产能与强化组织发展的有机结合，努力实现为京城机电“组织赋能”和“文化传承”的工作目标。

京城机电培训中心组建由“知名专家、本校教师、领导干部”构成的专兼职教师队伍，改变培训理念、创新培训模式，采用全流程项目制管理方式开展定制化培训服务，通过需求调研、能力评估、课程设计、知识学习、绩效改进等环节，为企业提供全方位人才发展培养方案。

Beijing Jingcheng Machinery Electric Holdings Co., Ltd. Training Center (referred to as Jingcheng Machinery Electric Training Center, JME Training Center) is an education and training institution established by Beijing Jingcheng Machinery Electric Holdings Co., Ltd. (referred to as Jingcheng Machinery Electric Holdings, JMEH) in 2011, with the approval of the Chaoyang Education Commission and registration with the Beijing Municipal Office for the purpose of creating a platform for talent discovery and training.

Over the years, JME Training Center has fully utilized its role as a training base for corporate leaders. Relying on the teaching faculty of Jingcheng Machinery Electric Party School, it undertakes training tasks for leaders, management personnel, branch secretaries, active members of the party, and group work cadre's ideological and political construction, management skill development, and employee quality improvement for JMEH and its affiliated enterprises and institutions.

JME Training Center focuses on the strategic layout of JMEH and shoulders the mission of 'maximizing the value of talents to the organization.' It focuses on the training and development of enterprise management talents, professional and technical talents, and party building talents. It innovates training concepts, enriches teaching resources, and creates high-quality courses. It actively explores the organic combination of improving talent productivity and strengthening organizational development, striving to achieve the work goals of "organizational empowerment" and "cultural inheritance" for JMEH.

JME Training Center has formed a team of full-time and part-time teachers consisting of renowned experts, school teachers, and leaders. It changes training concepts, innovates training models, and provides customized training services through a full-process project management approach including needs assessment, competency evaluation, course design, knowledge learning, performance improvement. JME Training Center provides comprehensive talent development and training programs for enterprises and institutions.

