

敬业出品·必是精品

JINGYE PRODUCTION MUST BE A  
BOUTIQUE



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【企业公众号:敬业钢铁】



敬业集团  
JINGYE GROUP

敬业冷轧板产品手册

JINGYE COLD ROLLED SHEET PRODUCT MANUAL

全球金属制品供应服务商

GLOBAL METAL PRODUCTS SUPPLIER SERVICE PROVIDER



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敬业冷轧做全球金属制品  
的供应服务商

Jingye cold rolled to be a global  
supplier of metal products.



# GROUP PROFILE

## 集团简介

### JINGYE GROUP 敬业集团

敬业集团是以钢铁为主业，下辖总部钢铁、乌兰浩特钢铁、英国钢铁、广东敬业钢铁、广东粤北钢铁五大生产基地，兼营钢材深加工、增材制造3D打印、国际贸易、旅游、酒店的跨国集团，现有员工40000名。2023年集团销售收入3407亿元，荣膺“钢铁行业改革开放40周年功勋企业”“2017京津冀最具影响责任品牌”“钢铁企业A+级竞争力极强企业”“环保绩效A级企业”。

主要产品螺纹钢、宽厚板、热卷板、冷轧板、镀锌板、彩涂板、圆钢、异型钢、型钢、线材、钢轨，是国家高强钢筋生产示范企业。产品先后通过了ISO9001、ISO14001认证，四国船级社认证、欧盟CE认证。螺纹钢产品荣获中国钢铁工业协会冶金产品实物质量认定（金杯奖）。集团实施国际化战略，做全球钢材和金属制品供应服务商，在全球32个国家设立分公司和办事机构，产品出口到130个国家和地区，应用于北京大兴国际机场、世博会中国馆、三峡工程、南水北调、石家庄地铁、呼市地铁、雄安市民服务中心、文莱跨海大桥等国内外重点项目工程。

为积极响应国家“鼓励有条件的企业实施跨区域、跨所有制

**钢铁企业A级竞争力特强企业**  
A-level competitive steel enterprise



现有员工**40000**名

It currently has  
40,000 employees

2023年集团销售收入**3407**亿元

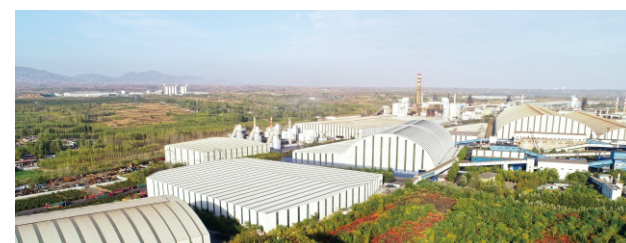
2023 the sales revenue  
was 340.7 billion yuan

出口**130**个国家

exported to  
more than 130 countries

兼并重组，加快钢铁行业转型升级”号召，做大做强钢铁主业，敬业集团开始在全球进行战略布局。2014年重组乌兰浩特钢铁厂，2020年3月正式收购英国第二大钢铁企业—英国钢铁公司，成为跨国企业集团，向世界钢铁业展现了中国钢铁的影响力和竞争力。2020年9月接手广东泰都钢铁公司，积极开拓华南市场，并向东南亚辐射。2022年10月25日，正式收购广东粤北联合钢铁公司，是集团华南战略布局又一重大决策。

敬业集团将深入学习贯彻党的二十大精神，在“双碳”战略目标和双循环新发展格局指引下，坚持做优做强做大，奋力开创钢铁产业高质量发展的新局面，打造全球绿色低碳、效益领先的钢材和金属制品供应服务商，为加快建设制造强国、质量强国贡献力量。



Jingye Group is a multinational group with iron and steel as its main business. It has five major production bases, namely, Headquarters Steel, Ulanhot Steel, British Steel, Guangdong Jingye Steel, and Guangdong North Guangdong Steel. It also operates deep processing of steel, additive manufacturing, 3D printing, international trade, tourism, and hotels. It has 40000 employees. In 2023, the Group's sales revenue was RMB 340.7 billion it was selected into the first batch of green factories of the Ministry of Industry and Information Technology, and was awarded "Meritorious Enterprise in the 40th Anniversary of Reform and Opening up of the Steel Industry", "2017 Most Influential and Responsible Brand in Beijing, Tianjin and Hebei", and "A+Class Enterprise with Very Strong Competitiveness of Steel Enterprises""A-level environmental performance enterprise".

The main products are rebar, hot rolled steel sheet and plate, hot rolled steel sheet in coil, cold rolled steel in sheet and coil, galvanized steel in sheet and coil, color-coated plates, round steel, special-shaped steel, section steel, wire rods, and rails. Jingye Group is a demonstration enterprise for production. The group has been certified by ISO9001, ISO14001 certification, Shikoku Classification Society certification, and EU CE certification. Rebar products were awarded the physical quality certification of metallurgical products by China Iron and Steel Industry Association (Golden Cup Award). The Group implements an international strategy to become a global steel and metal product supplier and service provider. It has established branches and offices in 32 countries around the world. Its products are exported to more than 130 countries and regions for use in Beijing Daxing International Airport,

the China Pavilion at the World Expo, and the Three Gorges. Engineering, South-to-North Water Diversion, Shijiazhuang Metro, Hohhot Metro, Xiong'an Citizen Service Center, Brunei Cross-sea Bridge and other key projects at home and abroad.

In order to actively respond to the country's call to "encourage qualified enterprises to implement cross-regional and cross-ownership mergers and reorganizations, and accelerate the transformation and upgrading of the steel industry", Jingye Group has begun to implement a strategic layout in the world. In 2014, the Ulanhot Steel Plant was reorganized. In March 2020, it formally acquired the British Steel Company, the second largest steel company in the UK, and became a multinational conglomerate, demonstrating the influence and competitiveness of Chinese steel to the world steel industry. In September 2020, it took over Guangdong Taidou Iron and Steel Company, and actively explored the South China market and radiated to Southeast Asia. On October 25, 2022, the official acquisition of Guangdong North Guangdong United Steel Co., Ltd. was another major decision of the Group's strategic layout in South China.

Jingye Group will deeply study and implement the spirit of the 20th CPC National Congress, adhere to the strategic goal of "double carbon" and the new development pattern of double cycle, and strive to create a new situation for the high-quality development of the steel industry, create a global green, low-carbon, cost-effective steel and metal products supplier and service provider, and contribute to accelerating the construction of a manufacturing and quality power.



# COMPANY CULTURE

## 企业文化



### 企业精神

务实求精, 永远争第一

#### Entrepreneurial spirit

pragmatic improvement, always strive for the first



### 创新理念

挑战极限, 勇于创新

#### Innovative ideas

Challenge the limit and be brave to innovate



### 安全理念

安全大于一切, 安全重于一切

#### Safety concept

safety is more important than safety



### 质量理念

高标准、精细化、零缺陷

#### Quality concept

High standard, refinement and zero defect



### 品牌定位

绿色敬业、精品敬业、诚信敬业

#### Brand Positioning

Green, excellent and credible



### 工作作风

迅速反应, 马上行动, 做事到位, 注重效果

#### Work style

respond quickly, act immediately, do things in place, and pay attention to results



### 环保目标

树立全国环保典范, 环保工作全省第一

#### Environmental goals

Set up a national environmental protection model, and the environmental protection work ranks first in the province



### 服务理念

做好产品是最好的为客户服务

#### Service concept

Good product is the best service for customers

# COMPANY PROFILE

## 公司简介

欢迎来到敬业高品钢科技有限公司

Welcome to Jingye High-Quality steel Technology Co.,Ltd.

河北敬业高品钢科技有限公司是敬业集团斥巨资打造的高端精品钢生产项目，总占地面积740亩，规划投资47亿元建设260万吨1450mm系列生产线，项目分两期进行建设。产品定位高端精品，采用国内领先工艺技术，装备大型化、生产智能化、产品高端化、服务信息化。依托钢铁主业高技术优势，形成烧结、炼铁、炼钢、热轧、冷轧全流程产业链，产品主要分为轧硬、冷板、镀锌、镀铝锌、彩涂五大类，可生产0.2mm-2.5mm厚度的冷轧产品，特殊规格可定制生产，满足客户个性化需求。

一期1450mm项目投资21亿元，于2020年5月底顺利投产。包含一条酸联轧机组、一条连退机组、一条热镀锌机组、一条热镀铝锌机组、一条彩涂机组。设计年产能120万吨，其中冷轧板60万吨，热镀锌板30万吨，热镀铝锌板30万吨。彩涂板20万吨。



Hebei Jingye High-Quality Steel Technology Co., Ltd. is a high-end high-quality steel production project built by Jingye Group with huge investment. It covers a total area of 740 mu and plans to invest 4.7 billion yuan to build a 2.6 million ton 1450mm series production line. The project will be constructed in two phases. The products are positioned as high-end boutiques, adopting domestic leading technology, large-scale equipment, intelligent production, high-end products and information services. Relying on the high-tech advantages of the main iron and steel industry, the whole process industrial chain of sintering, ironmaking, steelmaking, hot rolling and cold rolling has been formed. The products are mainly divided into five categories: hard rolling, cold plate, zinc plating, aluminum plating and color coating. The cold rolling products with thickness of 0.2mm-2.5mm can be produced. The special specifications can be customized to meet the personalized needs of customers.

The first phase of the 1450mm project has an investment of 2.1 billion yuan and will be put into operation smoothly at the end of May 2020. It includes a tandem acid tandem mill, a continuous rling mill, a hot-dip galvanizing mill, a hot-dip galvanizing mill, and a color coating mill. The designed annual production capacity is 1.2 million tons, including 600,000 tons of cold-rolled sheets, 300,000 tons of hot-dip galvanized sheets, 300,000 tons of hot-dip galvanized sheets, 200,000 tons of color-coated sheets.

The second phase of the project covers an area of 400 mu, with a production capacity of 1.4 million

二期项目占地400亩、产能140万吨/年，计划投资26亿元，市场定位中高端家电、建材用钢、汽车结构件和冲压件用钢，主要包含1条酸轧、1条罩退、3条镀锌、1条彩涂机组，计划于2024年4月全部建成投产。项目建设积极践行“节能降耗、低碳环保”的发展理念，配备废酸再生、污水反渗透、塑烧板除尘等环保设施，配套国内外最先进的烟气回收利用、沸石转轮+RTO焚烧炉等节能技术。



tons/year, and a planned investment of 2.6 billion yuan. The market positioning of the project is high-end household appliances, steel for building materials, steel for automotive structural parts and stamping parts, mainly including 1 acid rolling, 1 cover stripping, 3 galvanizing, and 1 color coating unit. It is planned to be completed and put into operation in April 2024. The project construction actively implements the development concept of "energy conservation, consumption reduction, low carbon and environmental protection", and is equipped with waste acid regeneration, sewage reverse osmosis, plastic burning plate dust removal and other environmental protection facilities, as well as the most advanced flue gas recycling technology at home and abroad, zeolite runner+RTO incinerator and other energy-saving technologies.



24小时一对一服务

24 hour one-to-one service

## CNY 4,700,000,000

投资47亿元兴建260万吨涂镀板项目

invests CNY 4.7 billion to build the 2, 600,000 Ton/Year Coated/ Galvanized Sheet Project



# 敬业高端冷轧板 匠心品质 定制生产

## 全球金属制品供应服务商

DEDICATED HIGH-END COLD-ROLLED SHEET, INGENIOUS QUALITY, CUSTOMIZED  
PRODUCTION, GLOBAL METAL PRODUCTS SUPPLIER AND SERVICE PROVIDER



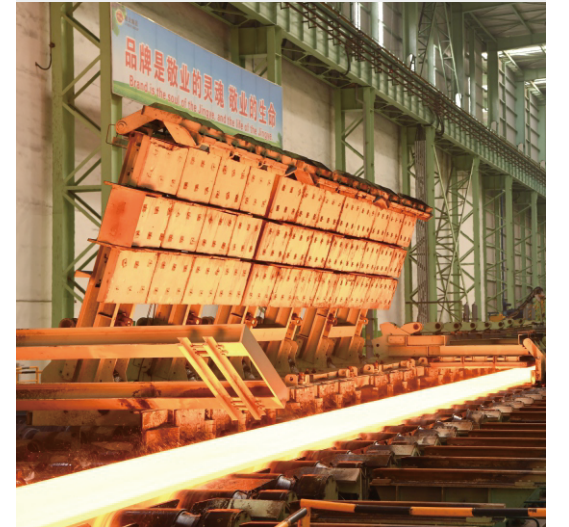
### 01

#### 匠心品质, 产品性能稳定

全流程钢铁集团, 31000名匠人, 从矿石到炼铁、炼钢, 从钢坯到热轧、冷轧, 历经200多道工序, 精心打造每一块薄板, 确保用户稳定生产。

#### Ingenious Quality, And Stable Product Performance

The whole process steel group, 31,000 artisans, from ore to iron and steel making, from billet to hot rolling, cold rolling, after more than 200 processes, carefully build each sheet to ensure stable production for users.



### 02

#### 定制生产, 用户成本更低

集合900名炼铁、炼钢、热轧、冷轧工艺技术专家, 造就非同一般的产品研发力, 不断开发最高性价比产品, 满足用户定制要求。

#### Customized Production, Lower User Costs

Assemble 900 technical experts in iron-making, steel-making, hot-rolling, and cold-rolling processes to create extraordinary product research and development capabilities, and constantly develop the most cost-effective products to meet user customization requirements.



### 03

#### 提供24小时全面服务

客户服务, 24小时内到达现场, 一对一服务, 第一时间解决客户问题。

#### Provide 24 -hour full service

Customer service promises to arrive at the scene within 24 hours of the incident, provide one-to-one service, and solve customer problems as soon as possible.





# JINGYE COLD ROLLED SHEET

## 敬业冷轧板

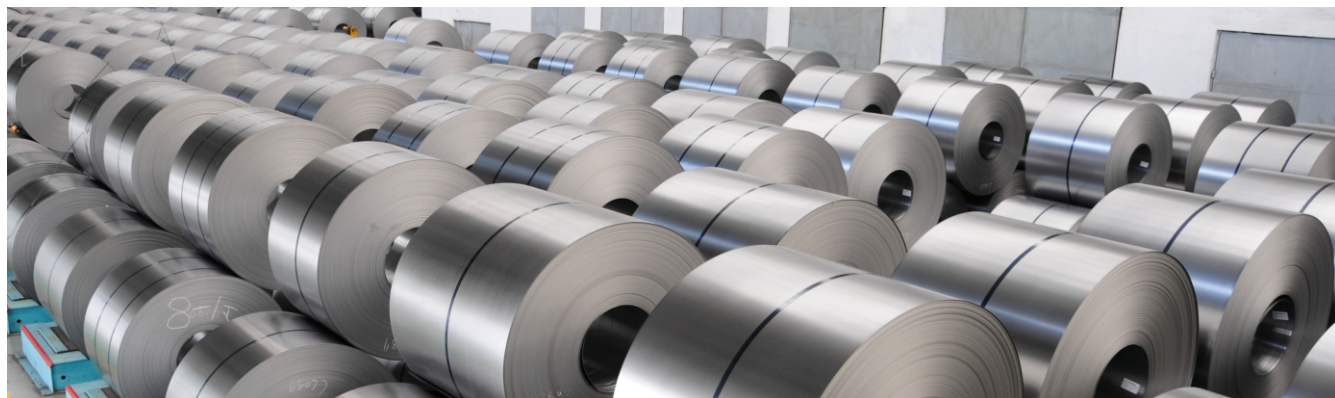
可生产规格范围  
The range of production specifications

0.3~2.5mm × 750~1350mm

### 产品介绍 / PRODUCT INTRODUCTION

设计产能60万吨，是连退机组产品，产线装备精良由中冶赛迪设计，中国二冶安装。产品种类主要有：机械、汽车结构钢、冲压钢、高强度钢、超深冲钢、普通商用（DC01、门板、油桶、车辆用板）等；产品规格：厚度0.3-2.5mm，宽度750-1350mm。

The designed production capacity is 600,000 tons. It is a continuous return unit product. The production line is well-equipped and designed by China Metallurgical CCID and installed by China No.2 Metallurgical Corporation. The main product categories are: mechanical/automotive structural steel, stamping steel, high-strength steel, ultra-deep drawing steel, ordinary commercial (DC01, door panels, oil drums, vehicle plates), etc.; product specifications: thickness 0.3-2.5mm, width 750- 1350mm.



### 产品特点 / PRODUCT FEATURES

敬业冷轧板的基板采用敬业自产热轧卷：

- \* 保证了原料化学成分的稳定；
- \* 保证了钢质的纯净度；
- \* 具有优良尺寸精度；
- \* 良好的力学性能；
- \* 生产速度快、效率高；
- \* 表面质量光亮整洁。

敬业冷轧板产品直接面向制造行业终端用户，广泛应用于箱柜制造、制门、制管、电动三轮车及四轮车、制桶、机械配件等行业。

The base plate of Jingye cold-rolled plate adopts Jingye's self-produced hot-rolled coil:

- \*Ensure the stability of the chemical composition of raw materials;
- \*Ensure the purity of steel;
- \*With excellent dimensional accuracy;
- \*Good mechanical properties;
- \* Fast production speed and high efficiency;
- \*The surface quality is bright and clean.

Jingye cold-rolled sheet products are directly oriented to end users in the manufacturing industry, and are widely used in cabinet manufacturing, door making, pipe making, electric tricycles and four-wheelers, barrel making, machinery accessories and other industries.



### 应用领域 / APPLICATION FIELDS

汽车、制桶、制门、办公家具、日用五金等行业。

automobile, barrel making, door making, office furniture, daily hardware and other industries.



01

汽车  
automobile



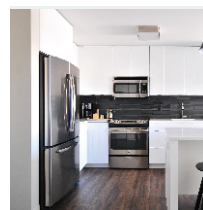
02

制桶  
barrel making



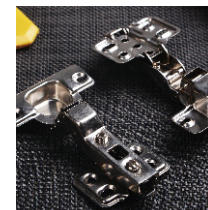
03

制门  
door making



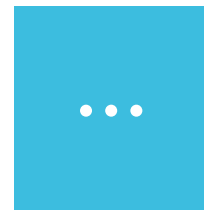
04

办公家具  
office furniture



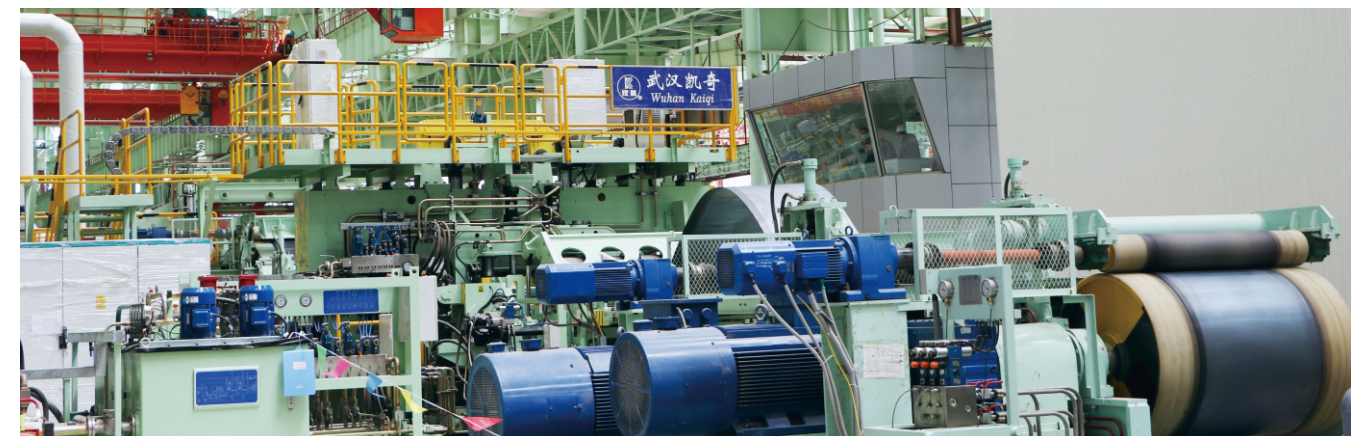
05

日用五金  
daily hardware



06

更多  
More



■ 产品规格、牌号及用途 / PRODUCT SPECIFICATION, GRADE AND USAGE

类别 Steel type	规格 Specification mm	产品分类 Product category	供货标准Supply standard	
			牌号Grade	
普通低碳钢  Ordinary low carbon steel	0.3-2.5	CQ	SPCC	
		DQ	SPCD	
		DDQ	SPCE	
低碳钢及超低碳钢  low carbon steel and extreme low carbon steel	0.3-2.5	CQ	DC01	JIS G 3141-2009
			SPCC	
		DQ	DC03	JIS G 3141-2009
			SPCD	
		DDQ	DC04	JIS G 3141-2009
			SPCE	

供货标准Supply standard		用途 Product usage
对应标准Corresponding standard		
JIS G 3141-2009		一般用，适于简单成型、弯曲及焊接  General use, suitable for simple forming, bending and welding
JIS G 3141-2009		深冲用，适用于制造冲压成形及较复杂变形加工的零部件。  For deep drawing, it is suitable for the manufacture of stamping parts and more complex deformation processing parts.
JIS G 3141-2009		深冲压用，适用于制造深冲压成形及复杂加工的零部件。  For deep drawing, it is suitable for the manufacture of deep drawn parts and complex processed parts.
GB/T5213-2019	JIS G 3141-2009	一般用，具有一定延展性，适于简单成型、弯曲及焊接。  Generally used, with certain ductility, suitable for simple forming, bending and welding.
GB/T5213-2019	JIS G 3141-2009	冲压用，比CQ级延展性大，适用于制造冲压成形及较复杂变形加工的零部件。  For stamping, it is more ductile than CQ grade, and it is suitable for the manufacture of stamping parts and more complex deformed parts.
GB/T5213-2019	JIS G 3141-2009	深冲压用，具有比冲压级更大的延展性，适用于制造深冲压成形及复杂加工的零部件。  For deep drawing, it has greater ductility than the stamping grade, and is suitable for the manufacture of deep drawing and complex processed parts.



## DEVELOPMENT VISION

发展愿景

**JINGYE COLD ROLLED  
TO BE A GLOBAL SUPPLIER OF  
METAL PRODUCTS.**

敬业冷轧做全球金属制品的供应服务商

