

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



敬业镀锌板产品手册

JINGYE ZINC COATED STEEL PRODUCT MANUAL

全球金属制品供应服务商

GLOBAL METAL PRODUCTS SUPPLIER SERVICE PROVIDER



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JINGYE GROUP

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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31000名。2022年集团销售收入3074亿元，上缴税金47.68亿元，全国500强企业名列112位，中国制造业企业500强46位，连续两年荣登《财富》世界500强榜单，排名320位。2017年入选工信部第一批绿色工厂，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”。

主要产品螺纹钢、中厚板、热卷板、冷轧板、镀锌板、彩涂板、圆钢、异型钢、型钢、线材、钢轨，是全球大型螺纹钢生产基地，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28个国家设立分公司和办事机构，产品出口到132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

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 31000 employees. In 2022, the Group's sales revenue was RMB 307.4 billion yuan, and the tax paid was RMB 4.768 billion yuan. It ranked 112 among the top 500 enterprises in China, 46 among the top 500 manufacturing enterprises in China, and 320 among the Fortune Global 500 for two consecutive years. In 2017, 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".

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 large-scale production base of deformed steel bar worldwide and the 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 28 countries around the world. Its products are exported to more

than 132 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 Taidu 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

欢迎来到敬业高品质钢科技有限公司

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

河北敬业高品质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 rolling 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

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

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

敬业高端镀锌板 匠心品质 定制生产

全球金属制品供应服务商

JINGYE HIGH-END GALVANIZED SHEET, INGENIOUS QUALITY, CUSTOMIZED PRODUCTION, GLOBAL METAL PRODUCTS SUPPLIER AND SERVICE PROVIDER



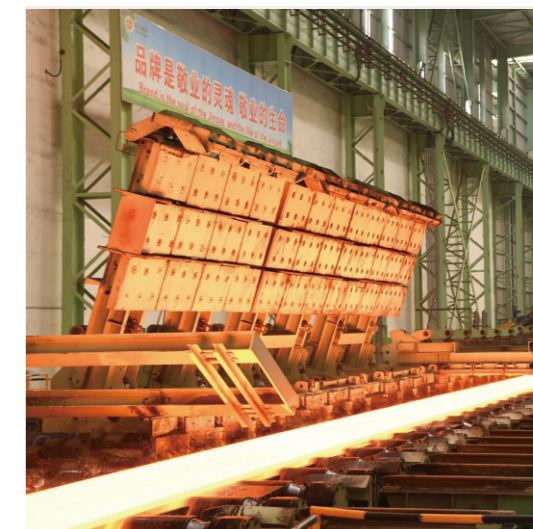
01

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 GALVANIZED SHEET

敬业镀锌板



可生产规格范围
The range of production specifications

0.3~2.5mm × 750~1330mm

产品介绍 / PRODUCT INTRODUCTION

镀锌生产线建有2条，设计产能60万吨，其中1条GI镀锌生产线（兼具锌铝镁镀层的生产能力）、1条GL镀锌生产线，满足高耐蚀无锌花的表面要求。主要为深冲及高强产品；产品规格：厚度0.3-2.5mm，宽度750-1330mm，锌层重量范围：50g-450g/m²（双面）。

Galvanized production line has 2, design capacity of 600,000 tons, of which 1 GI galvanized production line (both zinc aluminum magnesium coating production capacity), 1 GL galvanized production line, to meet the surface requirements of high corrosion-resistant zinc-free flowers. Mainly for deep punch and high strength products, product specifications: thickness 0.3-2.5mm, width 750-1330mm, zinc weight range: 50g-450g/m² (double-sided).

应用领域 / APPLICATION AREAS

家电行业（冰箱、洗衣机、冷柜、空调、微波炉、热水器、脱排油烟机、电饭煲、电烤炉等产品）、建材、家具、汽车等。

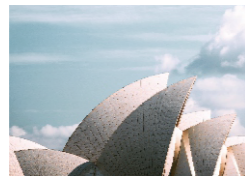
Home appliance industry (refrigerators, washing machines, freezers, air conditioners, microwave ovens, water heaters, exhaust hoods, rice cookers, electric ovens, etc.), building materials, furniture, automobiles, etc.



01

家电行业

Home appliance industry



02

建材

building materials



03

高压电器柜

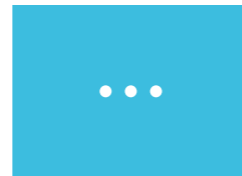
High Voltage Cabinet



04

汽车

automobiles



05

更多

More

产品特点 / PRODUCT FEATURES

敬业镀锌板的基板采用敬业自产冷轧卷；

*耐指纹处理防止使用过程中因汗手、潮气、鞋印等在钢板表面产生污渍，使用前后都可以保持良好的外观和超长的使用寿命，具有优良的耐久性；

*配备了先进的在线镀层厚度控制、检测设备及光整、拉矫、钝化等关键的质量控制工序，具有精确的锌层厚度、出色的涂附性能、防腐性能；

*使用武汉凯奇先进窄搭接焊机，具有稳定的焊接性。

敬业镀锌板广泛应用于家电、高压电器柜、高档制门、钢结构配件、机械配件等领域。

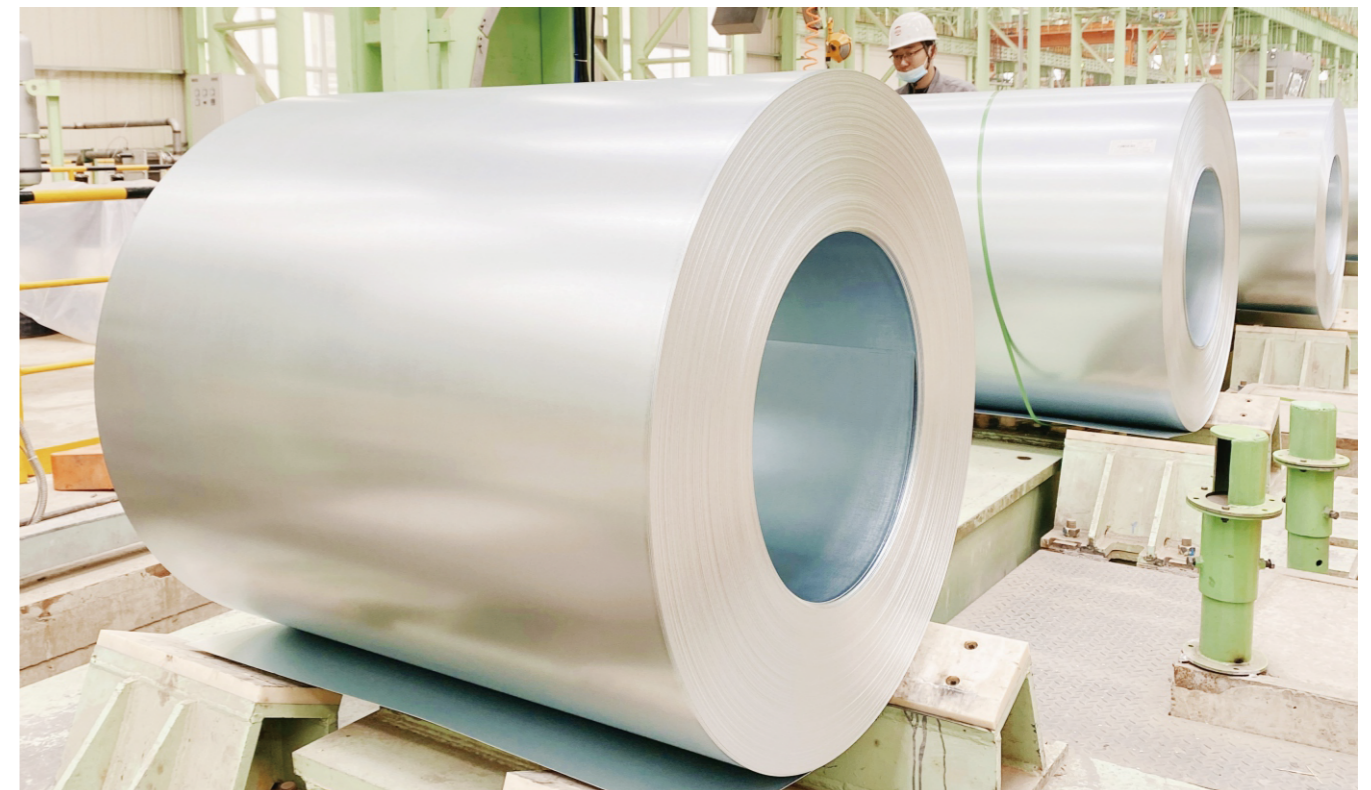
The base plate of Jingye galvanized sheet adopts Jingye's self-produced cold-rolled coil;

*Fingerprint resistant treatment prevents stains on the surface of the steel plate due to sweaty hands, moisture, shoe prints, etc. during use. It can maintain a good appearance and long service life before and after use, and has excellent durability;

* Equipped with advanced online coating thickness control, testing equipment and key quality control procedures such as smoothing, stretching and passivation, with precise zinc layer thickness, excellent coating performance, and anti-corrosion performance;

*Wuhan ketch advanced narrow lap welding machine, with stable weldability. Jingye galvanized sheet is widely used in home appliances, high-voltage electrical cabinets,

high-end doors, steel structure fittings, mechanical fittings and other fields.



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		用途Product Usage	
			牌号Grade	对应标准 Corresponding standard		
热镀锌 (GI) Hot dip galvanized products (GI)	0.3-2.5	CQ	DC51D+Z	GB/T2518-2019	建材、家电、农业、家具、 汽车、食品包装、冲压、深 冲件 Suitable for building materials, home appliances, agriculture, furniture, automobiles, food packaging, stamping, deep drawing parts	
			S250GD+Z	EN10327-2014		
			S280GD+Z			
			SGCC	JIS G3302-2019		
			CS-A/B/C	ASTM A653/A653M-2018		
			G1	AS 1397-2011		
		DQ	DC52D+Z	GB/T2518-2019		
				EN10327-2014		
			SGCD1	JIS G3302-2019		
			FS-A/B	ASTM A653/A653M-2018		
		G2		AS 1397-2011		
			DDQ	DC53D+Z		GB/T2518-2019
						EN10327-2014
				SGCD2		JIS G3302-2019
		DDS-A/C	ASTM A653/A653M-2018			
		G3		AS 1397-2011		
			CQ-HSS340	S320GD+Z		GB/T2518-2019
				S350GD+Z		EN10327-2014
		S390GD+Z				
		SGC340	JIS G3302-2019			
		SS340 1\2\3\4	ASTM A653/A653M-2018			
		SS380				
		DQ-HSS440	S420GD+Z	GB/T2518-2019		
			S450GD+Z	EN10327-2014		
			SGC400	JIS G3302-2019		
			SGC440			
			SS410	ASTM A653/A653M-2018		
			SS480			

类别 Steel type	规格 Specification mm	产品分类 Product category	供货标准Supply standard		用途Product Usage	
			牌号Grade	对应标准 Corresponding standard		
热镀锌铝 (GL) Hot-dip aluminum zinc plating (GL)	0.3-2.5	CQ	DC51D+AZ	GB/T14978-2010	可用作彩涂基板、冲压、深 冲件、广泛用于建材、家电、 农业、家具、汽车、食品 包装等领域 Can be used as color coated substrate, stamping, deep drawing parts, widely used in building materials, home appliances, agriculture, furniture, automobiles, food packaging and other fields	
			S250GD+AZ			
			S280GD+AZ			
			S300GD+AZ			
			SGLCC			
			CS-A/B/C			
		G1	AS 1397-2011			
		DQ	DC52D+AZ	GB/T1498-2010		
				EN10327-2014		
			SGLCD	JIS G3302-2019		
			FS-A/B	ASTM A653/A653M-2018		
		G2		AS 1397-2011		
			DDQ	DC53D+AZ		GB/T14978-2010
						EN10327-2014
				SGLCD		JIS G3302-2019
		DS	ASTM A653/A653M-2018			
		G3		AS 1397-2011		
			CQ-HSS340	S320GD+AZ		GB/T14978-2010
				S350GD+AZ		EN10327-2014
		S390GD+AZ				
		SGLC340	JIS G3302-2019			
		SS340 1\2\3\4	ASTM A653/A653M-2018			
		SS380				
		DQ-HSS440	S420GD+AZ	GB/T14978-2010		
			S450GD+AZ			
			SGLC400	JIS G3302-2019		
			SGLC440			
			SS410	ASTM A653/A653M-2018		
SS480						



DEVELOPMENT VISION

发展愿景

J I N G Y E C O L D R O L L E D

**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

