鑫光正
XINGUANGZHENG



Qingdao Xinguangzheng Steel Structure

www.qdxgz.cn



20+

Since 2002

Deeply rooted in steel structure industry for more than 20 years, with rich industry experience, to provide customers with best solutions.

WHAT CAN WE DO

- Steel structure design
- Steel structure production
- Engineering service



ABOUT XINGUANGZHENG

Mission

Benefit society, make staff successful, give clients happiness, ensure the enterprise of lasting vitality.

Vision

To be the global leader in integrated one-stop services for steel structure applications and equipment field.

Core Values

We alwayspractice altruism consciousness, service consciousness, value consciousness, contract consciousness.

Enterprise Spirit

Dedication, frugality, pragmatism, self-discipline, integrity, accountability.

GLOBAL LEADER IN STEEL STRUCTURE APPLICATION & INTEGRATED EQUIPMENT SERVICES

Qingdao Xinguangzheng Steel Structure Co., Ltd. was founded in 2002 and is located in Pingdu City, qingdao, shandong province. It covers an area of over 200 mu (approx. 13.3 hectares), employs more than 1,000 people, and its products are sold in over 150 countries and regions worldwide, serving over 10,000 customers. The company was listed on the National Equities Exchange and Quotations (NEEQ) in 2015.

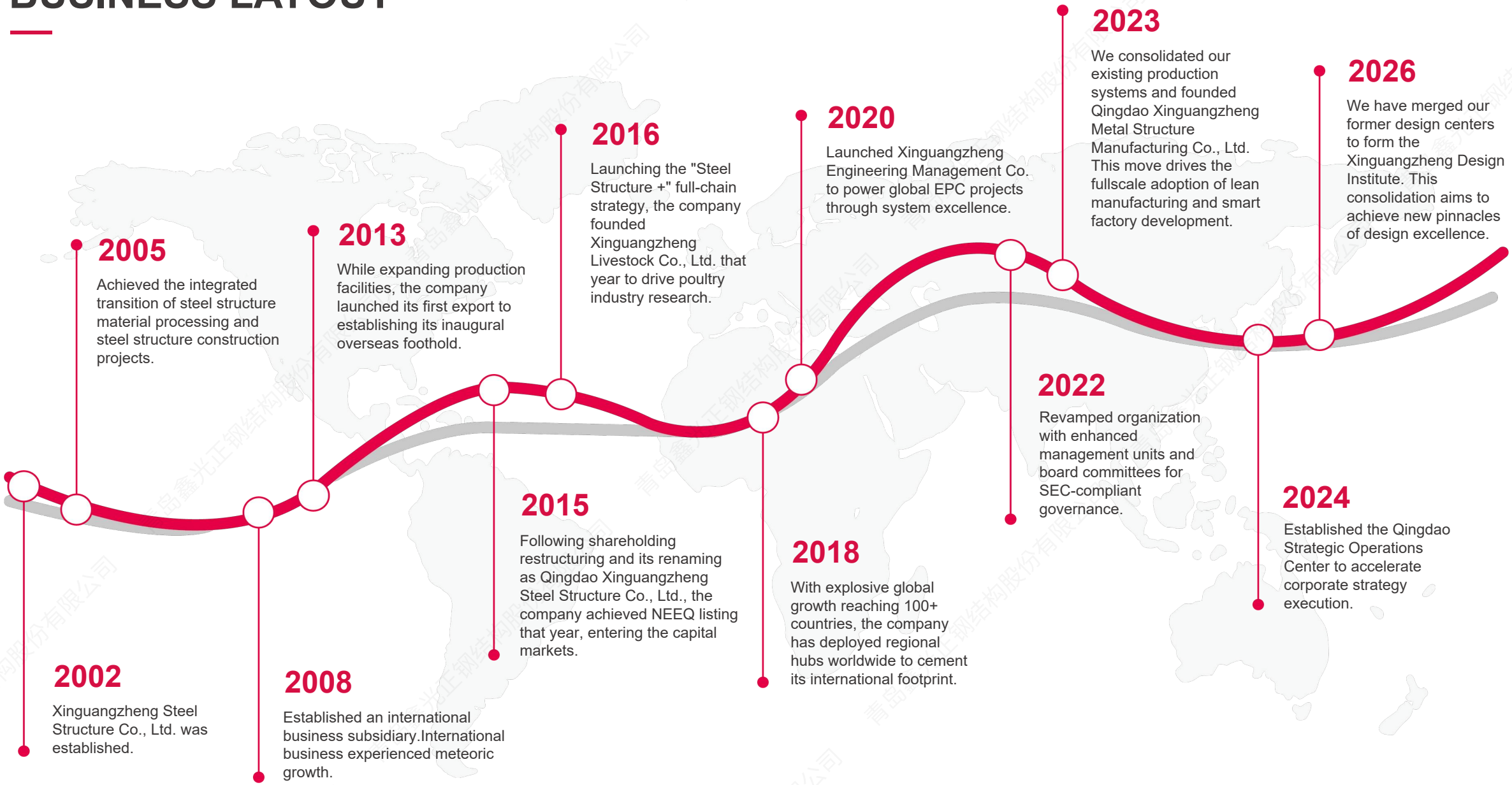
Xinguangzheng continuously deepens its expertise in the steel structure industry, forming an integrated system for steel structure applica- tions and equipment centered around steel structures. The company holds numerous qualifications and certifications, including: Grade I Professional Contracting Qualification for Steel Structure Engineering; Grade I Qualification as a China Steel Structure Manufacturing Enterprise; Grade II General Contracting Qualification for Construction Engineering; Grade II Qualification for Building Curtain Wall Engineer- ing; Grade II Qualification for Waterproofing, Anti-corrosion, and Insulation Engineering; Grade II Qualification for Building Decoration Engineering; ISO14001 Environmental Management System Certification; ISO45001 Occupational Health and Safety Management System Certification; and ISO9001 Quality Management System Certification. It also holds steel structure certification qualifications and production systems compliant with the standards of China, the United States, Europe, Russia, Canada, and Malaysia. With integrated full-chain capabili- ties encompassing design R&D, intelligent manufacturing, and engineering management, the company provides global customers with high-standard steel structure system solutions.

Building on years of accumulated technical expertise, the company has obtained an Engineering Design Qualification Certificate and established an independent design institute. This institute comprises a high-caliber professional team that covers multiple fields, including planning, architecture, structure, electrical and photovoltaic (PV) systems integration, interior design, BIM design, engineering cost, and consulting services, providing full-lifecycle technical support for project implementation. In the field of technological innovation, Xinguangzheng has presided over or participated in the drafting of multiple national and local standards, holds nearly 100 patents, and has been honored with the "High and new technology enterprises" certification. Simultaneously, the company engages in deep collabora- tion with renowned universities such as Shandong University, shandong jianzhu university, and Yantai University, establishing stable industry-university-research collaboration mechanisms. It synergizes efforts in talent development, scientific research, and product development, continuously enhancing its capabilities in scientific research innova tion and technology transfer.

The company operates 16 professional steel structure production lines. Each production line is equipped with advanced domestic machin- ery including laser plate cutting machines, intelligent profile cutting machines, intelligent profile scribing machines, welding robots, laser tube cutting machines, large bending machines, box girder automatic production lines, welded H-beam production lines, automated assembly-welding-straightening production lines, and automated spraying lines. Its annual production capacity reaches 150,000 tons. The company has the capability to process light steel structures, heavy steel structures, large-span truss steel structures, bridge steel structures, high-rise and super high-rise steel structures, large equipment steel structures, and spatial steel structures.

Xinguangzheng consistently upholds to its vision of "becoming a global leader in integrated services for steel structure applications and equipment" and making staff successful, giving clients happiness, and ensuring the enterprise of lasting vitality" continuously advancing the high-quality development of the enterprise.

BUSINESS LAYOUT



2002

Xinguangzheng Steel Structure Co., Ltd. was established.

2005

Achieved the integrated transition of steel structure material processing and steel structure construction projects.

2008

Established an international business subsidiary.International business experienced meteoric growth.

2013

While expanding production facilities, the company launched its first export to establishing its inaugural overseas foothold.

2015

Following shareholding restructuring and its renaming as Qingdao Xinguangzheng Steel Structure Co., Ltd., the company achieved NEEQ listing that year, entering the capital markets.

2016

Launching the "Steel Structure +" full-chain strategy, the company founded Xinguangzheng Livestock Co., Ltd. that year to drive poultry industry research.

2018

With explosive global growth reaching 100+ countries, the company has deployed regional hubs worldwide to cement its international footprint.

2020

Launched Xinguangzheng Engineering Management Co. to power global EPC projects through system excellence.

2022

Revamped organization with enhanced management units and board committees for SEC-compliant governance.

2023

We consolidated our existing production systems and founded Qingdao Xinguangzheng Metal Structure Manufacturing Co., Ltd. This move drives the fullscale adoption of lean manufacturing and smart factory development.

2024

Established the Qingdao Strategic Operations Center to accelerate corporate strategy execution.

2026

We have merged our former design centers to form the Xinguangzheng Design Institute. This consolidation aims to achieve new pinnacles of design excellence.

Twelve Principles of Guangzheng’s Business Philosophy

On Belief

To become a great company, Guangzheng must uphold strong beliefs! Belief provides direction,spiritual strength, and transforms us into an indomitable, iron-willed, and victorious team! We believe in our core values and principles without doubt, with steadfast commitment, and unwavering faith. This is the essential condition for our success!

On Value

Our company's purpose is to create value for society, clients, the enterprise, employees, and shareholders. Only through value can exchanges occur-this is the law of the market economy. Therefore, our mission is: Take social responsibility, take the enterprise as a platform, take the teams as the core, improve ourselves, and create shared prosperity.

On Dream

Guangzheng people always harbor grand dreams: To be the global leader for integrated one-stop services in steel structure applications and equipment field. fulfilling our mission to benefit society, empower employees, enhance customer happiness, and ensure corporate longevity.We strive to elevate professionalism, refine management, strengthen the enterprise, and serve the nation with unwavering commitment.

On Loyalty

Integrity is our professional bottom line.
Be simple in character and dedicated in action.Keep promises to employees and clients. Never make false commitments, spread rumors, or evade accountability.Integrity is our greatest asset and a priceless treasure. Betraying integrity is self-destruction.

On Assets

Guangzheng has two primary assets: employees and clients!
Employees who can generate assets for the enterprise are our foremost asset; thus,we should cultivate more asset-type talents. Clients are our second asset, as they areour lifeline. We must revere them wholeheartedly and use our products and services to bring them greater happiness!

On Wisdom

In today's fiercely competitive market, our team adheres to the corporate spirit of dedication, frugality, pragmatism, self-discipline, integrity, and accountability. In the era of commercial civilization, we always uphold altruism, service, value, and contractual awareness. Cultivate exemplary work and lifestyle habits to build reliability.In the age of global information sharing, we adopt a results-oriented mindset and a love-driven action model to achieve platform-based operations, replicable results, and shared benefits. This is our sustainable business wisdom.

Twelve Principles of Guangzheng’ s Business Philosophy

On Persistence

Corporate competition is not about speed but endurance.We do not chase quick profits, as market requires nurturing, success requires accumulation of time and capabilities, and we don't want to sacrifice our future for short-term benefits.We avoid reckless expansion, guided by our practice philosophy: Be down-to-earth to achieve high.We do not seek to defeat competitors as we don't view any peers as rivals.We do not view peers as rivals.We believe: Sustainable growth is the true growth.

On Achievements

We believe "numbers are the most eloquent language."
Achievements reflect your capability and attitude. Let data and facts speak!"No pains, no gains" is an eternal truth. Wealth in life depends on your contributions.While choices matter, extraordinary diligence is irreplaceable. Behind achievements are teams; behind teams is culture; behind culture is vision; and behind vision is investment!

On Brand

To become a century-old enterprise, Guangzheng must embrace leading cultural ideals and a strong brand consciousness.
A brand is a company's most valuable asset. We steadfastly build our brand. Guang zheng people shal remain grounded and never tarnish our reputation. Build the brand, walk the righteous path!

On Execution

"No exceptions to rules, no compromises on principles, no debates-just execution." "Follow orders and act decisively." "Obedience is the highest form of execution." We condemn sugarcoating in execution. Subordinates respect authority through compliance. Obedience to transfers, the overall situation, commands, criticism, and management is not just military discipline-it is scientific management.

On Never Stopping Learning

Continuous learning is our core competitiveness. Learn first to be a good person, then skills, service, and management. Daily, weekly, and monthly learning are our tools for growth. Without shortcuts, learning is the only way. Make learning a beliefpersist relentlessly!

On Management Bottom Line

Management bottom lines are non-negotiable violations of our values.Lying,fraud, corruption, embezzlement, and betraying corporate interests are red lines. The company is not a place for such behaviors.And our team never tolerates such acts nor allows people who have such behaviors to remain.

ENTERPRISE QUALIFICATIONS



American Steel Structure
Standard Qualification Certificate



European Steel Structure
Standard Qualification Certification



Russian Steel Structure
Standard Qualification Certification



China Steel Structure
Standard Qualification Certification



Canadian Steel Structure
Standard Qualification Certification

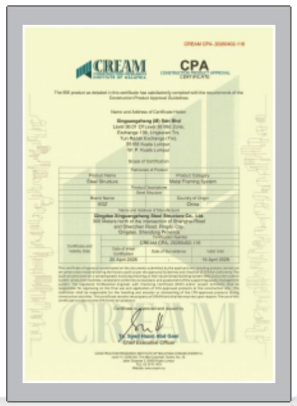








ENTERPRISE QUALIFICATIONS



Malaysia Product
Access Qualification Certificate



Malaysia Product
Access Qualification Certificate



Construction
General Contracting Class II



First level qualification for
steel structure manufacturing



Grade I Qualification for
Professional Contracting of Steel Structures



High tech
Enterprise Certificate



Specialized and
Innovative Certificate



First level qualification for
steel structure manufacturing



Grade I Qualification for
Professional Contracting of Steel Structures

WE HAVE SERVED OVER 10,000 PROJECTS WORLDWIDE

With a track record of serving 10,000+ overseas projects, we have built comprehensive end-to-end capabilities in steel structure design, manufacturing, and construction. This has solidified our profound international project expertise, providing reliable assurance for global clients.



10000+

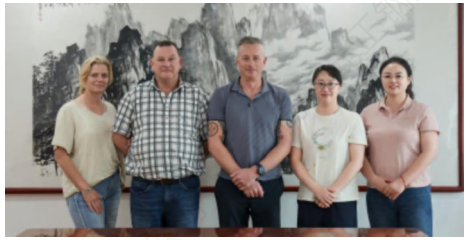
CPPE | Haier | Hisense | IKEA | 中国建筑 | TotalEnergies

CUSTOMER RECOGNITION

XINGUANGZHENG

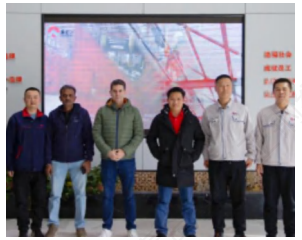




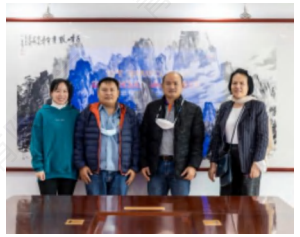




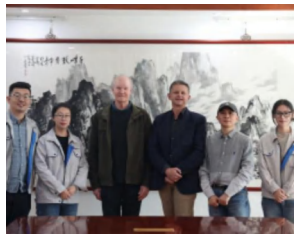






TRUST AS THE FOUNDATION REPUTATION AS THE CORE



ENGINEERING SERVICE CAPABILITIES

We are committed to providing management consulting services for global EPC projects, helping clients accurately control risks and efficiently achieve project objectives.

- Creating the landing of tens of thousands of projects worldwide
- Practice high-quality service with the customer-centric concept
- Build a unique engineering system of "specialization, refinement, and innovation"








TECHNICAL SERVICE CAPABILITIES

XINGUANGZHENG

Strong Design Team

The company has built a core technical team composed of elites from various fields such as architecture, steel structures, electri- cal engineering, and planning schemes. It possesses the technical capability to establish and apply BIM 3D models, and is capable of undertaking projects including light/heavy steel structures, bridge steel structures, large-span spatial steel structures, multi-story and high-rise steel structures, special-shaped/space frame structures. The company has also established cooperative relationships with many universities and research institutions. In recent years, it has developed and innovated projects such as "AI architectural effect rendering based on Stable Diffusion AI", "Research on intelligent design methods for lightweight portal frame structures based on multi-agent collaboration", and "Development of slip construction technology for large-span spatial structures and large-scale steel structures".





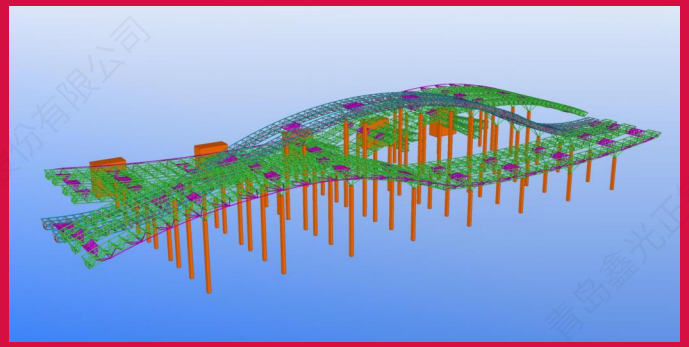


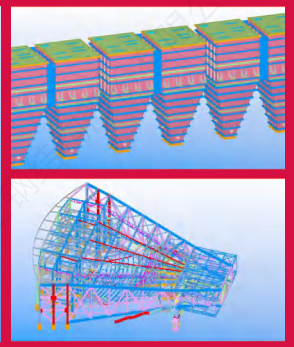


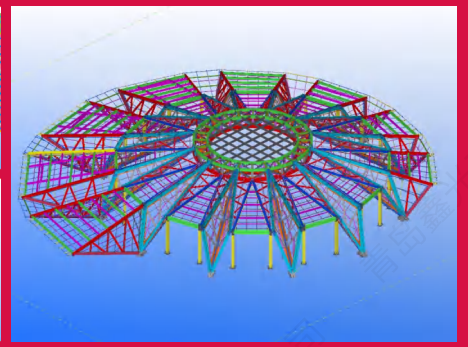
Xinguangzheng Design Institute

Customized Design

We focus on providing customized design services, deep integration and innovative application of the latest design software, advanced algorithms and BIM (Building Information Modeling) technology to ensure accurate simulation and comprehensive optimization at every step from concept to construction execution. The team has always adhered to the customer-centric concept, in-depth communication, and meticulous capture of the actual needs and use scenarios of customers, so as to tailor the design solutions that meet the functional requirements and exceed customer expectations, giving each project unique value and vitality.









PRODUCTION SERVICE EXCELLENCE



150,000T

The Annual Production
Capacity Can Reach 150,000 Tons

16

Having 16
professional production lines

700

A professional production
and operation team of over 700 members

High efficiency

Equipped with 16 advanced production lines, including heavy steel section lines, light steel section lines, box girder lines, intelligent production lines, automatic profile cutting lines, automatic welding workstations, and automatic painting lines, the factory has an annual steel structure production capacity of 150,000 tons. It covers an area of approximately 170,000 square meters and has a profes- sional production and operation team of over 700 people.

FIVE MAJOR PRODUCTION PLANT AREAS







No.1 Production Plant

- Land area: 26,667m²
- Floor area: 14000m²
- A high-quality factory primarily undertaking projects under European, American, and Japanese standards, among others.







No.2 Production Plant

- Land area: 21320m²
- Floor area: 10000m²
- A factory area that mainly produces maintenance auxiliary materials.

FIVE MAJOR PRODUCTION PLANT AREAS







No.3 Production Plant

- Land area: 41395.5m²
- Floor area: 28000m²
- A high-quality factory area primarily undertaking complex projects under Malaysian, Australian, and other standards.







No.7 Production Plant

- Land area: 32148m²
- Floor area: 17000m²
- A high-quality factory area primarily undertaking projects under European, American, Russian, and other standards.

FIVE MAJOR PRODUCTION PLANT AREAS







Heavy steel production plant area

- Land area: 35230m²
- Floor area: 20000m²
- A high-quality factory area primarily undertaking heavy, complex, and high-difficulty projects.



Plant Layout Map

VR panorama

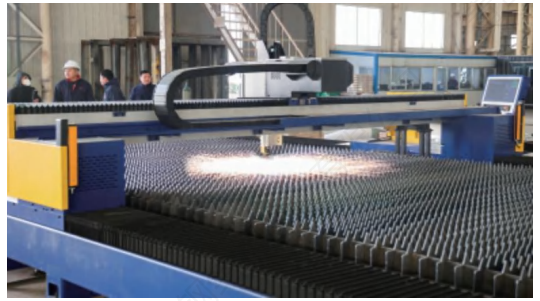
LASER PLATE CUTTING MACHINE

A laser flat plate cutting machine is a device that uses a high-energy laser beam to irradiate the surface of materials to achieve precise cutting. It has the advantages of high precision, high efficiency and safety, and is suitable for cutting various metal materials.



FIVE AXIS LASER PLATE CUTTING MACHINE

The 30,000-ton high-speed and high-power fiber laser cutting machine can achieve the cutting of a maximum 45° bevel on a plane. Different types of bevels such as V-shaped, X-shaped, Y-shaped, and K-shaped can be formed in one go, reducing the number of processes and providing high-precision and high-efficiency blanking.



PROFILE & PLATE LASER CUTTER

Equipped with powerful 3D processing capabilities, it is able to cut hot-rolled H-beams, channel steels, and angle steels, while also accommodating flat plate laser cutting, with cutting precision reaching the millimeter level.



WELDING STRAIGHTENING MACHINE

The assembly, welding and correction integrated machine is a device that integrates assembly, welding and correction functions. It can achieve full automation from raw materials to finished product output. This equipment adopts advanced mechanical and control systems, which can achieve multi-functional, efficient and automated operation.



SECTION STEEL LASER CUTTING MACHINE

It is applicable to the precise cutting of various types of profiles such as H-shaped hot-rolled steel, channel steel, Angle steel, square tubes and round tubes.



INTELLIGENT WELDING ROBOT

It can greatly improve the manufacturing efficiency and accuracy of products such as portal steel frames, H-steel reinforced plates, crane beams, H-steel main welds, platform beams, roof beams, box column main welds (partial penetration, full penetration), and beam and column end plate penetration welding (without root cleaning).



HORIZONTAL SHOT BLASTING MACHINE

This equipment has a wide range of applications and can be used for derusting, sand cleaning, and pretreatment of various steel materials, including steel structural components, H-beams, steel plates, angle steel, channel steel, steel pipes, and cast iron parts.



AUTOMATIC PAINT LINE

The automatic spray painting line can automatically identify the model of surface paint on plates, sections, welded structural components, Angle steel, round pipes, etc. in the steel structure industry, carry out automatic spraying and drying, and realize the automated spray painting work.



ABOUT XINGUANGZHENG



The laboratory is equipped with advanced testing equipment including universal material testing machine, impact testing machine, spectrometer, salt spray testing machine, hardness tester and metallurgical microscope. Its service scope covers chemical composition analysis, metallographic structure evaluation, mechanical property testing, non-destructive testing and failure analysis. Meanwhile, it provides one-stop services such as technical consultation and professional technical training.

We have a number of comprehensive technical professionals with authoritative qualifications, including Senior Engineers, Senior Structural Designers (IWSD-C), Senior Welding Inspectors (IWI-C), International Welding Engineers (IWE), International Welding Inspec- tors (CSWIP 3.1), Canadian Welding Engineers (CWB) and Coating Engineers (AMPP). We hold complete non-destructive testing qualifi- cations, and are certified for Magnetic Particle Testing (MT), Penetrant Testing (PT) and Ultrasonic Testing (UT) in accordance with European (ISO) and American (ASNT) standards.

Supported by a sound quality management system, adhering to the philosophy of service and technological innovation, the laboratory consistently provides professional, authoritative and impartial inspection and testing services for customers, and strives to become a reliable partner for inspection, testing and technical services in the industry.

LABORATORY QUALIFICATIONS



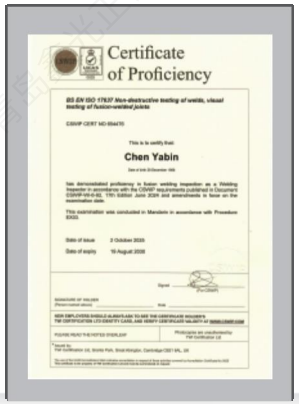
International Welding Engineer (IWE)



Senior Welding Quality Inspector



Senior Welding Structural Designer



International Welding Inspector



CWB Certified Welding Engineer









STEEL STRUCTURE + INTEGRATED SERVICES

XINGUANGZHENG

Overview

Steel structure is the framework; the "+" represents limitless possibilities. With steel structure at its core, Xinguangzheng integrates diverse application scenarios across photovoltaics, livestock farming, cold chain logistics, and aviation, building four core product systems: integrated steel-PV solutions, integrated livestock facilities, integrated cold storage, and integrated hangars. One partner- ship, full-process delivery — we make steel structure more than just a building, but a vital pillar for our clients' industrial upgrading.

With over 20 years of dedication to the steel structure industry, we forge ahead with ingenuity all the way.Our business covers more than 150 countries and regions worldwide, having completed tens of thousands of high-quality steel structure projects, enjoying a prestigious reputation at home and abroad.Ranging from gener- al light steel structures to high-standard heavy-duty ones, precision equipment steel structures to complex long-span spatial structures, and high-precision bridge structures to customized high-rise steel structures.We build benchmark projects with professionalism, win global clients' trust by exquisite quality, and lead the industry toward high-quality and international development.



New Energy Integration



Integrated Steel Structure

Integrated Animal Husbandry



Integrated Poultry Industry



INTERNATIONAL STANDARD STEEL STRUCTURE

AMERICAN STEEL BRIDGE
EAST AFRICA OIL PIPELINE CORRIDOR
ASIAN CHEMICAL PROJECT
BOTSWANA STEEL BRIDGE
HOTEL STYLING PROJECT
INDUSTRIAL PARK IN CENTRAL ASIA
RUSSIAN POWER STATION

青岛鑫光正钢结构股份有限公司









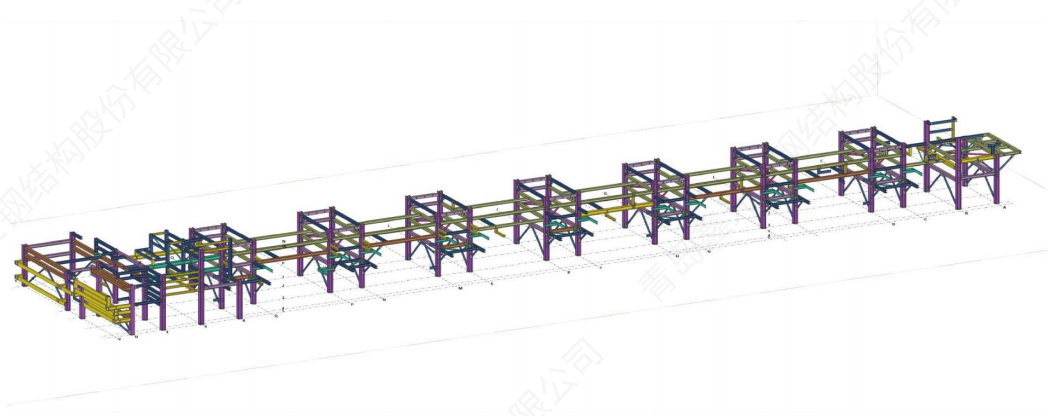
AMERICAN STEEL BRIDGE

This project adopts a detachable bridge mode, which is assembled through modular assembly to flexibly assemble the bridge deck width according to the installation distance. The total weight of the project is 1500 tons, and the main components are double web H-steel and multi spliced H-steel, achieving high precision, high welding, high flatness, high tolerance requirements, and implementing the standard execution of American standard processes (welding, surface treatment, precision grinding, sharp angle blunting, etc.).



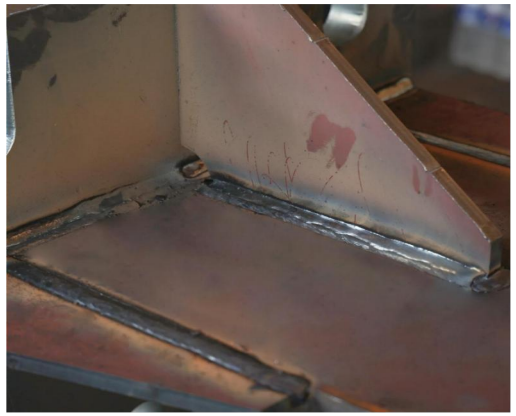


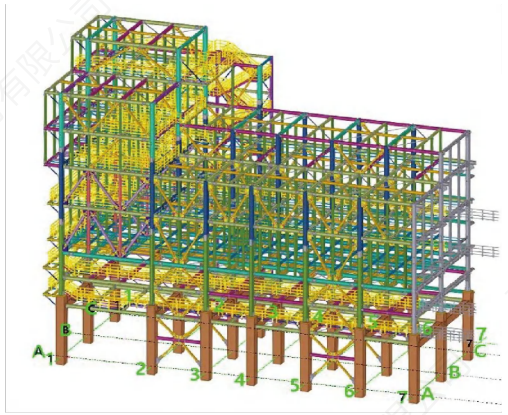




EAST AFRICA OIL PIPELINE CORRIDOR

This large-scale transnational pipeline project in Africa spans from the Kabale region of Uganda, traversing through both Uganda and Tanzania, and concludes at Tanzania's Tanga Port. The project achieves SA3.0 surface preparation standards, with welds, edges, and surface defect zones meeting the highest international P3 specifications. It meticulously implements European-standard welding techniques, including horizontal welding, vertical welding, single-sided welding with double-sided formation, pipe-to-pipe butt welding, and multi-layer multi-pass welding, ensuring precision across all critical engineering phases.





ASIAN CHEMICAL PROJECT

This project utilizes internationally standardized materials and manufacturing techniques, with production strictly adhering to relevant international standards. To ensure installation accuracy, all column-beam positioning plates and double-end-plate beams undergo end milling processes. The flange gap between beams and columns is controlled within 0.3mm, defect preparation grade complies with P2 standards, and pull-out tests are conducted for each batch of components before shipment. Our welding techniques demonstrate international standards through various methods including horizontal welding, vertical welding, single-side welding with double-side formation, multi-layer multi-pass welding, and pipe-to-pipe butt welding.



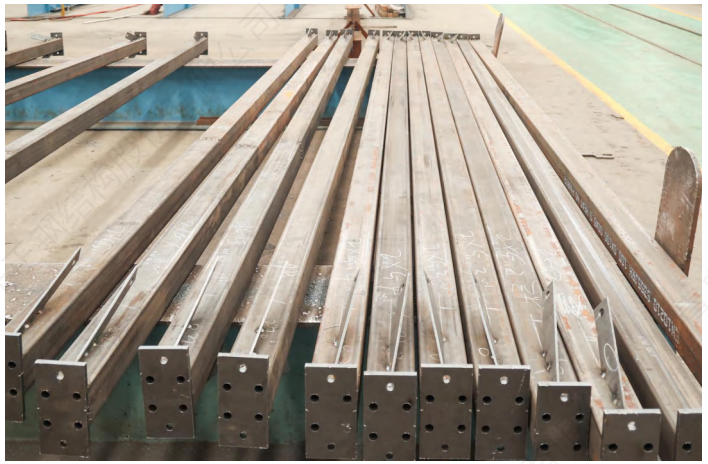




Botswana Steel Bridge

This is a steel bridge project we exported to Africa.This project strictly adheres to the European， steel structure production process.Adaptable to the complex terrain and climate in Africa.Let Chinese manufacturing go global and boost regional development.







Hotel Styling Project

This project is a high-end hotel façade styling and decoration project. The entire process strictly adheres to international and European standards: the steel raw materials comply with EN 10025- 2, steel structure fabrication and construction follow EN 1090- 2, weld quality is rated and accepted in accordance with ISO 5817, and the hot- dip galvanizing process for anti- corrosion of components is executed per ISO 1461. We ensure comprehensive control over product quality, structural safety, and corrosion protection performance.







Industrial Park in Central Asia

This project is an industrial park featuring a multi-story framed structure， Each individual structural member weighs in at 32 metric tons.It is in full compliance with the American AWS D1.1 welding standard,guaranteeing precise control over every weld seam.For surface protection, it similarly adheres to the American SSPC-2 standard,It is specifically designed to withstand harsh environments such as moisture and corrosion,We provide a full spectrum of professional services spanning design, production, and construction capable of providing solid assurance for the implementation and delivery of global industrial park and complex projects.







Russian power station

The processing, welding, and painting standards of this project are all in accordance with Russian standards, capable of meeting the operational requirements in a low-temperature environment of - 40°C. Additionally, for ease of transportation, special techniques are employed during the welding process to minimize welding deformation issues caused by plate splicing and angle iron fixing and support welding

HEAVY & IRREGULAR STEEL STRUCTURE

ZIBO CULTURAL AND SPORTS CENTER
QINGDAO JIAODONG INTERNATIONAL AIRPORT
YUN SHANG GUAN HAI
QINGDAO HUINUOCHANGYUAN HEAVY INDUSTRY PROJECT
ETHIOPIA CONVENTION CENTER
GUAMGMING CONFERENCE CENTER OF CHINA FLOWER EXPO
LIBYA TERMINAL

青岛鑫光正钢结构股份有限公司









ZIBO CULTURAL AND SPORTS CENTER

The project is located in the high-tech zone of Zibo City, Shandong Province, with a total construction area of 25,000 square meters, the largest single-span fish-belly box beam, the largest span is 50 meters, the largest weight of a single piece is 109.5 tons, the largest box component web height is 3.6 meters, the width of the wing is 0.9 meters, the maximum thickness of the wing is 70mm, the overall performance is a very tense horn shape. The building form is a landscape architecture, the building roof is covered with green, the building and the park are integrated, the building is equipped with children's swimming pool, basketball court, gym, study, cultural center, etc.







QINGDAO JIAODONG INTERNATIONAL AIRPORT

Jiaodong International Airport(Comprehensive Transportation Center andParking Building) project adopts open-cut construction method. The buried depth of the structure isabout 2.5m, the wrapping surface of the wall is about 3.5m*0.85m.Each steel tube column is madeof 25mm or 16mm thick steel plate coil.And it is 30 meters high and weighs about 20 tons. It is transported to the construction site in sections of 17m+13m. The total amount of steel used in the project is about 1,500 tons.







QINGDAO HUINUOCHANGYUAN HEAVY INDUSTRY PROJECT

The project is located in Nancun Town, Pingdu City, Qingdao, involving structural components with single-unit lengths of approximately 27.2 meters. It encompasses the fabrication of high-complexity elements such as 26-ton double-shoulder components, four-corbel assemblies, and ultra-tall lattice columns with aircraft nose-inspired configurations. Key processes and techniques employed include rust removal for extra-wide plates (road/bridge panel shot blasting) and intricate edges (laser cleaning), oversized material cutting, medium-thick plate splicing, manual assembly welding for super-sized components, heavy lifting and positioning, vertical and overhead welding operations, as well as precision testing and measurement throughout the construction phase.









YUN SHANG GUAN HAI

The project is located in the Shibei District of Qingdao City. It is a special-shaped steel frame structure with a height of 14.4 meters and a length of 42 meters (the longest steel beam span is 24 meters). The frame is surrounded by cantilever structures Another unique shape of the north of Qingdao new landmark.





GUANGMING CONFERENCE CENTER OF CHINA FLOWER EXPO

The China Flower Expo Bright Convention Center project, situated at Dongfeng Farm in Chongming District, Shanghai, covers approximately 2,000 square meters and features a steel-wood hybrid structural design. The main steel framework, undertaken by Xin Guangzheng, employs a tubular truss structure for fabrication and installation, specifically designed to host conferences and press events during the floral exposition, combining structural durability with functional adaptability for large-scale international horticultural exhibitions.







ETHIOPIA CONVENTION CENTER

The project as a whole is a complex three-dimensional curved surface modeling, covering an area of more than 2,200 square meters, the top elevation of 8.9 meters, the height of the eaves structure of 4 meters, the total amount of steel structure 200 tons. Its core design highlight is a 14-meter diameter ring daylighting roof, extending outward through a spiral radial layout, with a maximum radius of 28 meters.The inner and outer ring structure adopts rectangular square pipe bending technology, in which the outer ring is precisely spliced into a circle by 8 custom-made curved steel beams, and the center ring adopts hot bending technology to achieve high-precision curved surface modeling.







Libya Terminal

"This project is a large-scale transportation hub engineering endeavor, featuring a high level of design complexity and stringent technical standards. Moreover, it must meet international air transport grade standards, integrate local cultural characteristics with modern functional requirements, and involve core technical areas such as super-large steel structure design, intelligent passenger flow planning, and green energy-saving system integration."

STEEL STRUCTURE OF INDUSTRIAL EQUIPMENT

DONGYING OFFSHORE PHOTOVOLTAIC SUPPORT FRAME
PRECISION COMPONENTS FOR AUTOMOTIVE PARTS
PRECISION COMPONENTS FOR INDUSTRIAL APPLICATIONS

青岛鑫光正钢结构股份有限公司








DONGYING OFFSHORE PHOTOVOLTAIC SUPPORT FRAME

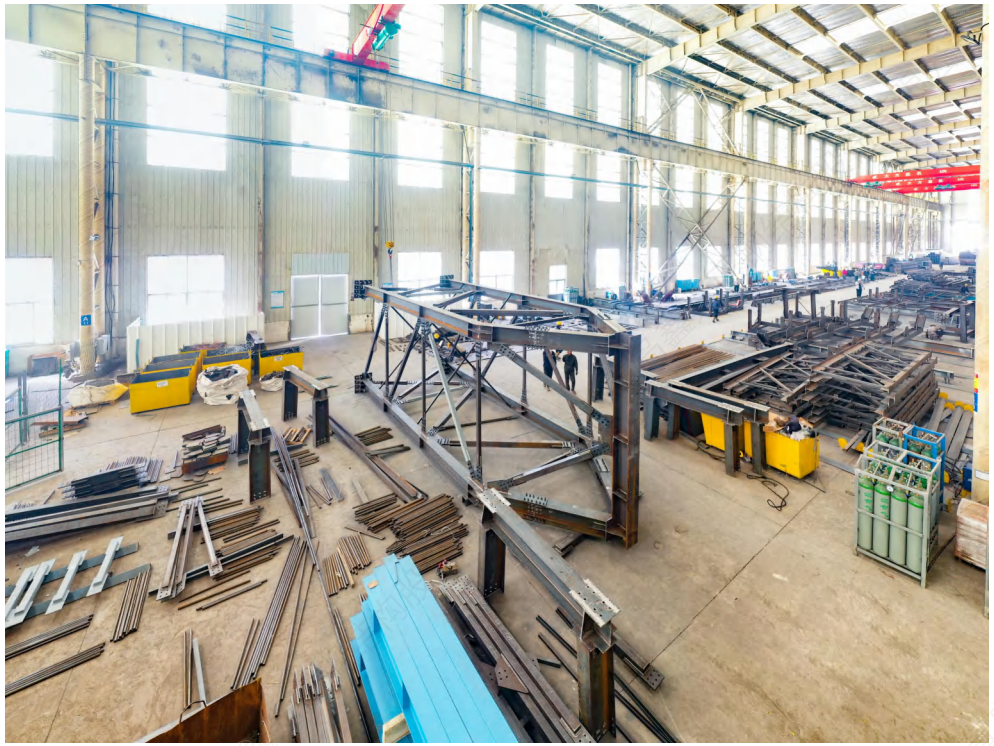
Located in Dongying, Shandong Province, this project stands as China's largest offshore photovoltaic installation in open waters. During the production of support steel frames for this marine solar array, Xin Guangzheng deployed an intelligent production line, utilizing advanced automated equipment throughout the entire process – from material cutting, assembly, and welding to grinding and spray painting – ensuring high precision, efficiency, and component compatibility for successful project delivery. Given the extreme salinity of seawater and its highly corrosive effects on metal structures, stringent anti-corrosion surface treatment requirements were met through Xinguangzheng's multi-layered protective protocols, guaranteeing long-term operational stability in the harsh marine environment.





Pakistan Chemical Plant

This project is located in Pakistan, with a floor area of 4,225 square meters. It consists of equipment-related and frame-type steel structures for a chemical plant.









Southeast Asia mining conveyor gallery

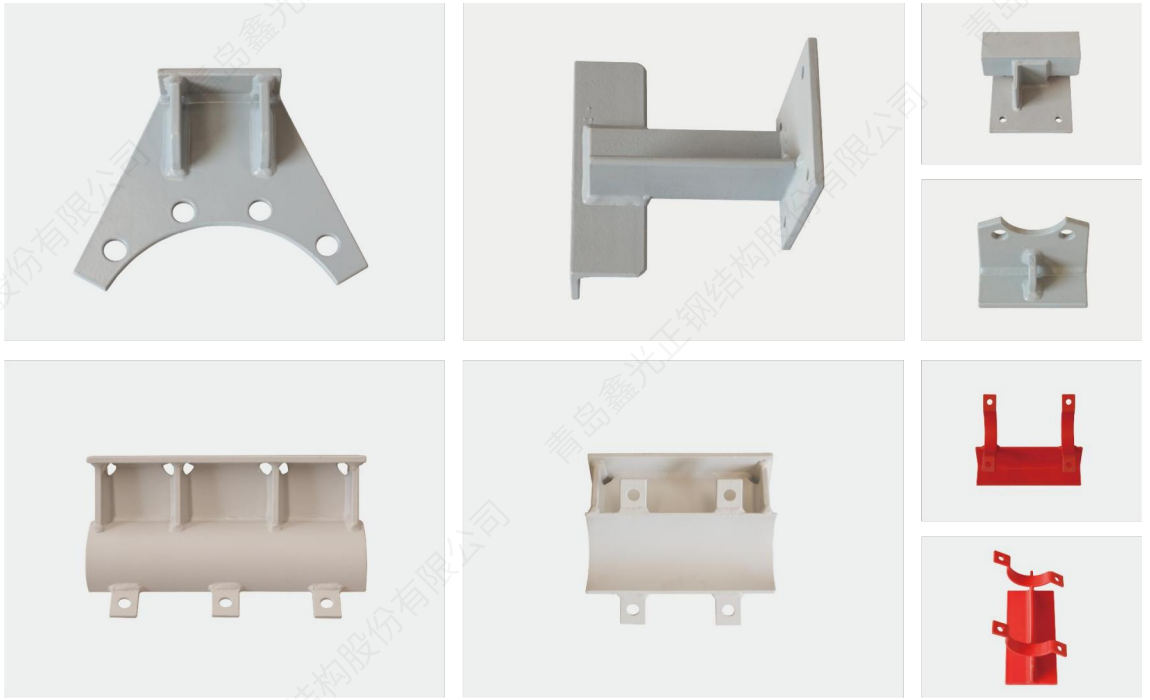
This project is a corridor steel structure for a power plant conveying system. The main structural components include transfer stations, trusses, steel columns, etc. The total length of the trusses is 26 km, and the main materials are high-quality Q235B and Q355B steel. The project is fabricated in accordance with the American standard *AWS D1.1/D1.1M-2020*. Raw materials, welding consumables, and bolts are inspected and qualified per the standard. Component processing is completed using CNC laser cutting. After the assembly and welding of components, the trusses are pre- assembled in sections to meet the tolerance requirements of *AWS D1.1/D1.1M-2020*, ensuring the installation accuracy of the members.

AUTO PARTS



We provide high-precision, high-strength, and highly consistent steel structural precision component solutions for the automotive industry, and have successfully delivered tens of thousands of products to Nissan, a leading company in the automotive industry.

INDUSTRY



We adopt advanced intelligent production equipment and manufacturing processes to provide high-precision, high-strength, and high-consistency core steel structure precision components for the global industrial equipment sector.

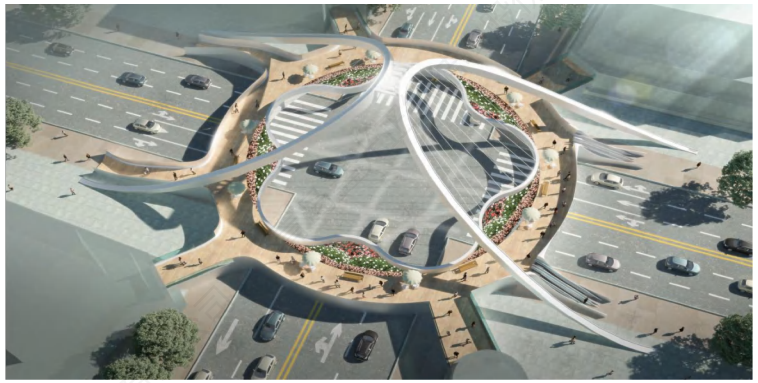
STEEL STRUCTURES OF BRIDGES AND TOWER MASTS

ZHONGJIE OVERBRIDGE
NEW AIRPORT HIGH SPEED LINK
QINGDAO METRO
LIGHTHOUSE OF PERU
QINGDAO PEDESTRIAN OVERPASS

青岛鑫光正钢结构股份有限公司







ZHONGJIE ERA OVERPASS

Zhongjie Era Overpass Project is Pingdu's first cross-street bridge project the whole project consists of three overpasses, the east side of the straight overpass bridge length56.3 meters wide 5 meters, the west side of the straight overpass bridge length 49 meters widemeters，the middle of the circular overpass main bridge diameter 56 meters，petal shape, thenarrowest 6.5 meters wide 12 meters.









QINGDAO NEW AIRPORT HIGH SPEED CONNECTION LINE

The project is known as the "Yingbin Avenue" from Qingdao city to the new airport, and is an important component of the "six horizontal and nine vertical" high-speed network in the central city of Qingdao, which is the history of Qingdao The municipal road project with the largest investment scale, the most complex conditions along the route, and the highest process and technical requirements will effectively improve the commuting between Qingdao's new airport and the urban area Efficiency, boost the economic development of the island city.







QINGDAO METRO

The total investment of the Qingdao-Haiyang intercity (blue Silicon valleysection) rail transit project is about 19.5 billion yuan.The project starts at miaoling road station and ends at yantian east station,with a total length of 58.44km.There are 22 stations， including 4underground stations and 18 elevated stations, with an average station spacing of 2756 meters.











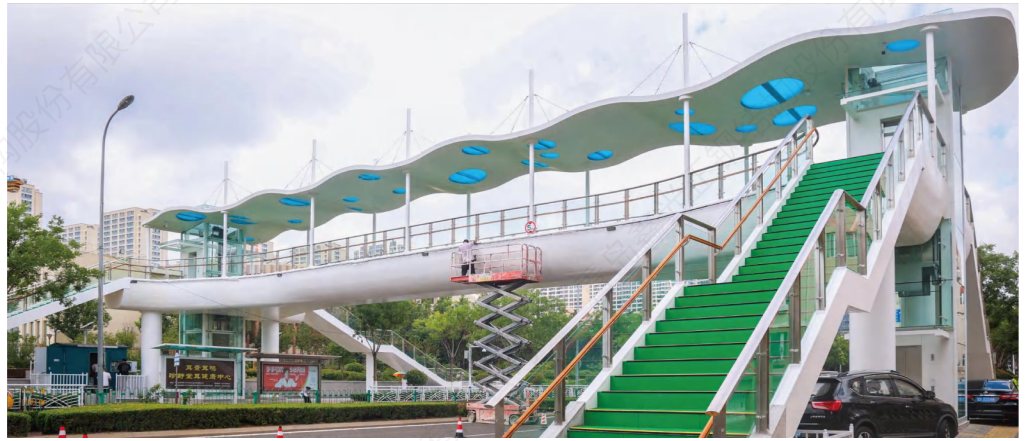
LIGHTHOUSE OF PUERTO CHANKAI, PERU

The project is located on the central coast of Peru and represents a complex engineering endeavor requiring high precision. The main lighthouse structure stands at 25 meters tall, constructed using 299x16mm circular steel tubes for the primary framework and 83x4mm circular tubes for the chord members. A key feature of this project is the stringent precision requirements for component cutting and assembly. During production, all components were cut using a profile laser cutting machine to ensure zero dimensional deviations in the assembled structure. Upon completion, this lighthouse will serve as a critical hub for maritime navigation in South America.









QINGDAO PEDESTRIAN OVERPASS

Located between Hefei Road and Chuzhou Road, this project features a steel structure constructed by Xinguangzheng, presenting an arc-shaped bridge design with a single-span main structure, The top section adopts anI-shaped profile using steel box girders measuring 3,8oomm X 1,4oomm in cross-section. The main bridge'sstandard deck width is 3.8m, widening to 1lm at both ends, with a bottom width of 1.34m and girder height of 1.4m. Spanning 37m in total length, its components measure 27m in length and 6.8m in width, each weighing 60 tons.Despite challenges including oversized component transportation and stringent urban construction constraints, the project was completed ahead of schedule, effectively alleviating traffic pressure in surrounding areas while establishing itself as a stunning landmark structure.

STEEL STRUCTURES FOR COMMERCIAL BUILDINGS

AUDI EXHIBITION HALL IN URUGUAY
BRAZIL EXHIBITION HALL
ARUBA SHOWROOM
ANGOLA SUPERMARKET
PANAMA SANTIAGO MALL
SUPERMARKETS IN COSTA RICA
STORE IN SOLOMON

青岛鑫光正钢结构股份有限公司







AUDI EXHIBITION HALL IN URUGUAY

The project building area is 4,587 square meters.It contains exhibition hall and workshop, and is the first Audi 4S shop in Montevideo, the frame of the exhibition hall part is trussstructure, while that of the workshop is portal steel frame. The wall enclosure is made of 100mm thick PUcomposite panel and sandwich panel; the roof enclosure made of 100mm
thick foam composite panel(weight of foam 20kg).







EXHIBITION HALL

The appearance of the building is designed with the appearance similar to the customer's LOGO, and a large number of glass curtain walls and circular two-story structure design are used, which is unique The shape and brand color become a bright local architecture.







EXHIBITION HALL

The appearance of the building is designed with the appearance similar to the customer's LOGO, and a large number of glass curtain walls and circular two-story structure design are used, which is unique The shape and brand color become a bright local architecture.



ANGOLA SUPERMARKET



COSTA RICA SUPERMARKET



SANTIAGO MALL PANAMA



STORE IN SOLOMON

STEEL STRUCTURE INDUSTRIAL PARK

QINGDAO NPA INDUSTRY CO.LTD
NEW BUILDING MATERIALS INDUSTRIAL PARK
HIGH-END FOOD INDUSTRIAL PARK
WANHUI INDUSTRIAL PARK
XINHE CRAFTS FULL CHAIN INDUSTRIAL PARK
ZHENGHE INDUSTRIAL PARK
ZHILONG INDUSTRIAL PARK
AUTOMOBILE SUPPORTING INDUSTRIAL PARK
HIGH-END MATERIALS INDUSTRIAL PARK
QINGDAO AVIATION TECHNOLOGY RESEARCH INSTITUTE
QINGDAO LINKONG EQUIPMENT MANUFACTURING INDUSTRIAL PARK
HAIER WATER ECOLOGICAL INDUSTRIAL PARK

青岛鑫光正钢结构股份有限公司







NPA INDUSTRY CO.LTD

Located on the northern side of the middle section of Hengyang Road, this project is jointly established by Qingdao NPA Industry Co., Ltd. and Beijing CISRI-Gaona Materials & Technology Co., Ltd. (a leading state-owned enterprise in military high-temperature materials).With a total investment of 1 billion yuan, the project spans 8.67 hectares (130 mu) and focuses on producing high-temperature alloy materials and critical components for supercritical electric boilers, which are globally mandated for industrial applications.







NEW BUILDING MATERIALS INDUSTRIAL PARK

The project is located in Tonghe Subdistrict, Pingdu City, Qingdao, Shandong Province. With a planned construction area of 48,000 square meters, the main steel structure weighs approximately 2,000 metric tons, and the primary framework adopts a portal frame structure.







HIGH-END FOOD INDUSTRIAL PARK

The project is located in the Lingang Economic Zone of Nancun, Pingdu City, comprising two factory buildings (A/B) with a total floor area of 38,323.84 square meters. The structure adopts a single-story portal steel frame system, with partial multi-story auxiliary facilities and an aluminum veneer entrance hall. The roof is a double-layer corrugated steel sheet with on-site composite insulation, equipped with electric-powered skylights and ventilation systems. The exterior walls utilize 75mm-thick horizontally arranged rock wool insulation composite panels with double-locked seams.







WANHUI INDUSTRIAL PARK

The project is located in Pingdu City, Shandong Province. The total construction area of the 2# factory building is 40,543.53 m², and that of the 3# factory building is 40,930.9 m². The height of the auxiliary building is 21.02 m. The structural system adopts a steel frame, with a double-layer corrugated steel roof sheet and on-site composite insulation. The roof panels are connected by a 360-degree vertical seam locking system, and the panel type is V-470 corrugated steel sheet.





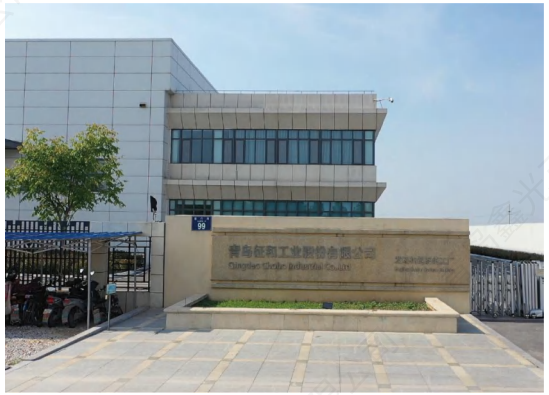




XINHE CRAFTS FULL CHAIN INDUSTRIAL PARK

Located in the Qingdao Xinhe Ecological Chemical Technology Industrial Base, the project covers an area of 60,771.2 sq.m and comprises 10 factory buildings divided into three phases. The first phase has been completed and delivered. The park aims to create an integrated industrial chain encompassing production, office space, sales, logistics, warehousing, and product R&D.







ZHENGHE CHAIN INDUSTRIAL PARK

Qingdao Zhenghe Industry is one of the leading enterprises in the automotive chain sector. The workshop area in the western zone of Qingdao Zhenghe Industrial Park covers 11,040 square meters, with the auxiliary building project spanning 2,467.4 square meters. This project encompasses multiple construction components including civil engineering, steel structure, fire protection, plumbing/electrical/HVAC systems, interior/exterior wall finishes, and powered ventilation monitors. Notably, it features the first application in Qingdao of tongue-and-groove box-type polyurethane panels for curtain wall cladding.







ZHILONG PACKAGING INDUSTRIAL PARK

This high-end smart factory project, developed by Qingdao Zhilong Packaging Equipment Co., Ltd., is divided into two phases with a total of five workshops. Phase I covers a floor area of 50,000 square meters, while Phase II spans 30,000 square meters. The exterior walls utilize 75mm-thick four-groove metal-faced composite curtain wall panels, the roof system features 360° interlocking roof panels, and the workshop windows are equipped with double-glazed thermal-break insulated glass units to ensure energy efficiency and advanced performance.







AUTOMOBILE SUPPORTING INDUSTRIAL PARK

Located in Pingdu, Qingdao, this project stands as the largest single steel structure building in the Pingdu region, with a total floor area of 72,544.88 sq.m and a maximum single-building area of 22,411.19 sq.m. The structure reaches a height of 23 meters and combines a light steel frame system with heavy-duty gantry steel structures, partially integrated with multi-level crane beams to support industrial operations.







RONGFA MATERIAL INDUSTRIAL PARK

Located in Huangdao District, Qingdao, this key municipal-level project spans a floor area of 21,200 square meters and adopts a gantry steel frame structure. Designed to leverage the park's infrastructure for independent R&D and manufacturing of high-end materials, it aims to drive advancements in aerospace, new energy, and other strategic industries, aligning with China's national integrated innovation strategy.







QINGDAO AVIATION TECHNOLOGY RESEARCH INSTITUTE

Qingdao Institute of Aeronautical Technology (QIAT) and Qingdao Research Center of the Institute of Engineering Thermophysics, Chinese Academy of Sciences, represents China's exclusive test platform with independent R&D capability for lightweight engines and the country's sole test base equipped for component-level high-altitude testing of aero engines. The facility includes three core laboratories constructed by Xin Guangzheng: the Structural Strength Laboratory, Prototype Rapid Response Center, and UAV Assembly and Testing Laboratory.







QINGDAO LINKONG EQUIPMENT MANUFACTURING INDUSTRIAL PARK

The Qingdao Linkong equipment manufacturing industrial park project is situated at Haitao Road, Nancun Town, Pingdu City. Designed as a gabled steel frame structure, the complex spans a total construction area of 39,947.25 sq.m, with individual buildings reaching a maximum height of 12m and the largest single structure covering 7,161.39 sq.m. Executed under the EPC (Engineering, Procurement, and Construction) turnkey contracting model, the project comprehensively integrates structural works, interior finishing, plumbing and drainage systems, HVAC (Heating, Ventilation, and Air Conditioning), electrical systems, fire protection installations, steel structures, doors/windows integration, municipal stormwater and sewage pipelines, landscaping, and auxiliary facilities.





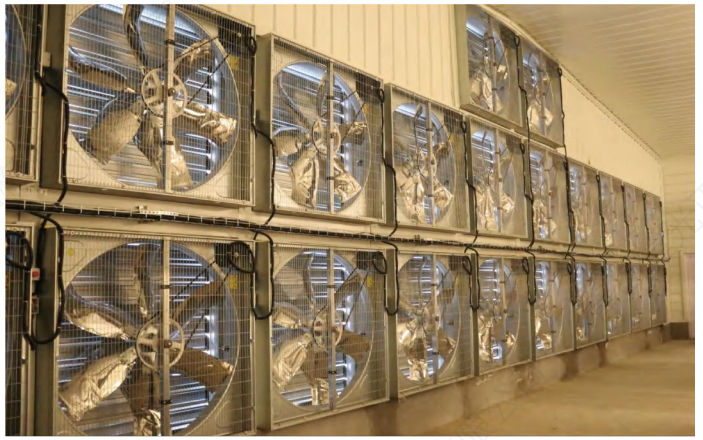




HAIER WATER ECOLOGICAL INDUSTRIAL PARK

This project is located in Huangdao District, Qingdao City, with a total construction area of 301,043.21 square meters. It comprises six factory buildings featuring multi-story concrete main structures combined with steel structure enclosure systems. The assembly workshop stands out for its large unit weight and wide spans. The construction employed an integrated sliding technique for planar structures paired with tower-type crawler crane lifting technology, significantly enhancing construction efficiency. The exterior walls utilize 80mm-thick horizontal four-tongue-and-groove rock wool insulated composite panels, while the roofing system consists of color steel sheets and fiberglass wool, complemented by electrically operated ventilation louvers, fully embodying a green and energy-efficient design philosophy.







GEBEITOU INTELLIGENT FARMING DEMONSTRATION ZONE

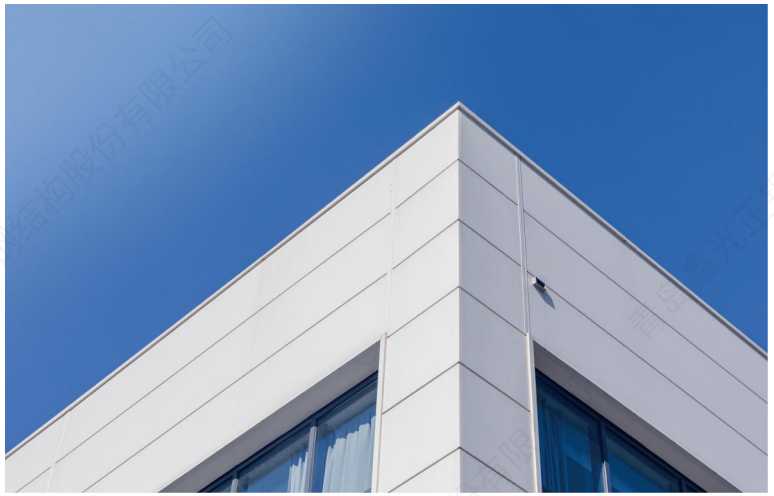
Pingdu Gebeitou duck breeding demonstration area with a total investment of about 80 million yuan, covers an area of approximately 200 acres, has 27 standardized duck houses, and produces commercial duck about every year Eight million. The whole community adopts the whole house system of intelligent duck breeding, which increases the scale of unit land breeding to nearly four times that of traditional breeding Automatic feeding, drinking water, cleaning manure and automatic control of the breeding environment, while taking into account sufficient growth space for meat ducks.

LIGHT STEEL STRUCTURE

WEIFANG CONDIMENT INTELLIGENT PLANT
TENGZHOU GLASS NEW MATERIAL FACTORY
JIANGSU YISHI MAI NEW MATERIAL FACTORY
HANGARS IN AUSTRALIA
THAI ELECTRONICS PLANT
ALGERIA TELEVISION FACTORY

青岛鑫光正钢结构股份有限公司







WEIFANG INTELLIGENT FACTORY BUILDING

Located in Weifang City, Shandong Province, the project is 152.2 meters long, 59.2 meters wide and 14.5 meters high, with a construction area of about 16,582 square meters. The second floor of the project is steel frame structure,the exterior wall is sandwich board, and the roof is 360° 470 plate. The appearance is beautiful and atmospheric, and has excellent waterproof and thermal insulation characteristics.









TENGZHOU NEW GLASS MATERIAL

The project is located in Tengzhou City, Shandong Province, with a construction area of 9698 square meters. The first floor is reinforced concrete frame structure and the second floor is light steel structure. The project length is 76.5m. With a total span of 147m and a height of 12.05m, the project is an important backbone enterprise of the glass industry chain in Zaozhuang City, which optimizes the subsequent industrial structure and commissions the industrial level It is of great significance.







JIANGSU YISHIMAI NEW MATERIALS FACTORY

The project is located in Lianyungang City, Jiangsu Province, including 1# assembly workshop, paint warehouse, packaging warehouse and loading and unloading area of four monomers, with a total construction area of 7390.86 square meters, mainly producing industrial tires. The overall appearance of the project is dark gray, and the roof is Marine blue, which is beautiful and atmospheric.



HANGAR IN AUSTRALIA



ALGERIA TELEVISION FACTORY



THAI ELECTRONICS PLANT



ETHIOPIA HEAVY PLANT

THANK YOU FOR YOUR RECOGNITION

Qingdao Xinguangzheng Steel Structure Co., Ltd

TEL：**0532-88381818**

ADD：**No.268 Shenzhen Road, Pingdu, Qingdao, China**