ENGINEERING SERVICE CAPABILITIES

工程管理实力

我们致力于为全球总承包工程提供全周期的管理咨询服务，帮助客户精准管控风险、高效达成项目目标。

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










铸就
万个口碑工程

Creating the landing of tens of thousands of projects worldwide

以客户至上理念
践行优质服务

Practice high-quality service with the customer-centric concept

专业服务于
全球总承包工程

Build a unique engineering system of "specialization, refinement, and innovation"



公司贯彻精英化人才战略，不断引进顶尖人才，为项目精准规划和高品质交付提供了核心保障

The company pursues an elite talent strategy, continuously attracting top talent to ensure precise project planning and high-quality delivery.

拥有
国家级注册建造师
Professional national registered constructor

拥有
高级工程师
Professional senior engineer

拥有
专业化施工团队
Professional construction team

工程荣誉 / Engineering honor







国际工程现场展示 / International Project Construction Site







TECHNICAL SERVICE CAPABILITIES

技术服务实力

■ 强大的设计团队 / Strong design team

公司构建了由建筑、钢结构、电气、规划方案等各类领域精英组成的骨干技术团队，拥有BIM三维模型建立与应用技术实力，能够承接轻/重钢结构、桥梁钢结构、大跨度空间钢结构、多高层钢结构、异形/网架，并与诸多的大学和科研机构建立了合作关系，同时近几年研发创新了“防冷桥链接技术研发”、“震后可更换装配式钢结构集成技术及工程应用技术研发”、“大跨度空间结构与大型钢结构的滑移施工技术研发”等项目。

The company has built a backbone technical team composed of elites in various fields such as architecture, steel structure, electrical, planning, etc., and has BIM 3D model establishment and management application of technical strength, can undertake light/heavy steel structure, bridge steel structure, long-span space steel structure, multi-high-rise steel structure, shaped/grid and shaped/grid structure universities and scientific research institutions have established cooperative relations, and in recent years, they have developed and innovated "anti-cold bridge link technology research and development" and "replaceable assembly after earthquakes.Research and development of Steel structure Integration Technology and Engineering Application Technology ", "Research and development of sliding construction technology of large-span space structure and large steel structure" and other projects.







60+

拥有60多人的专业设计团队

More than 60 professional designers of design team

30+

自主研发创新项目30余项

More than 30 self research and innovation projects

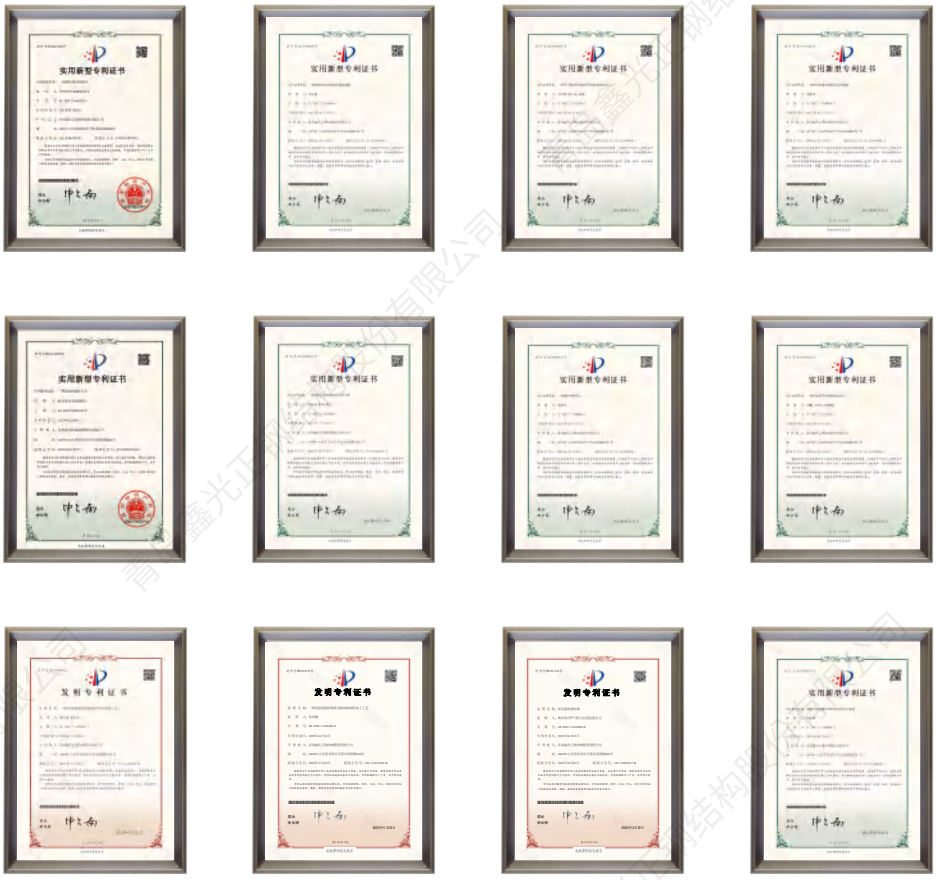
70+

拥有钢结构新型专利70余项

More than 70 new patents for steel structure

拥有多项钢结构专利 / Has multiple patents for steel structures

- - A steel structure beam-column joint patent
  一种钢结构梁柱节点专利
- - A steel structure support device patent
  一种钢结构支撑装置专利
- - A flexible steel frame support structure
  一种柔性钢框架支撑结构
- - A layered assembly type floor slab
  一种分层装配式楼板



Extra thick steel plate greater than 50 mm welding technology development and application

大于50毫米特厚钢板焊接技术研发应用

A wall structure of light steel fabricated building and its installation process

一种轻钢装配建筑的墙面结构及其安装工艺

Prefabricated building wall panels and vertical joint process development

装配式建筑墙板及竖向连接工艺开发

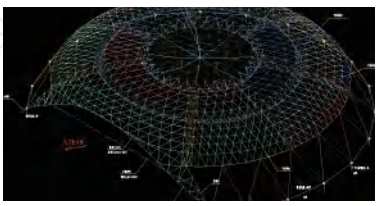
A high-strength steel structure and its manufacturing process

一种高强度钢结构及该钢结构制作加工工艺

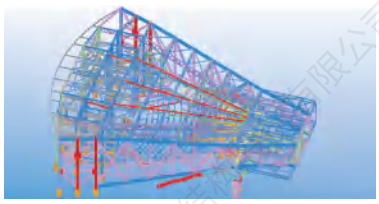
定制化的设计服务 / Customized design

我们提供个性化定制设计服务，深度融合并创新应用最新的设计软件、先进算法及BIM（建筑信息模型）技术，确保从概念构思到施工执行的每一步都能实现精准模拟与全面优化。团队始终秉持着以客户为中心的理念，细致捕捉客户的实际需求与使用场景，从而量身定制出既符合功能要求又超越客户期待的设计解决方案，为每一个项目赋予独特价值与生命力。

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.



Drawing design
图纸设计



Drawing deepening
图纸深化



3D design
效果图设计



建筑工程设计资质证书
Engineering Design Qualification Certificate

拥有工程设计资质证书乙级，可承接规划设计、建筑方案设计、结构工程、机电工程、室内设计、工程咨询、BIM设计等专业设计，服务的建筑类型涵盖产业园区、办公建筑、文化教育建筑、商业建筑、居住建筑、体育建筑等。

Having a Class B engineering design qualification certificate, we can undertake professional designs such as planning and design, architectural scheme design, structural engineering, mechanical and electrical engineering, interior design, engineering consulting, BIM design, etc. The types of buildings we serve include industrial parks, office buildings, cultural and educational buildings, commercial buildings, residential buildings, sports buildings, etc.

鑫光正设计院
Xinguangzheng design institute



快速响应
Quick response

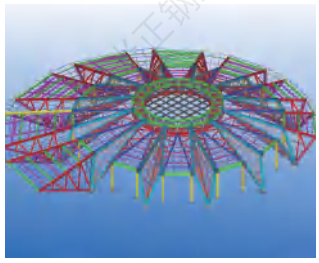
实力团队
Strength team

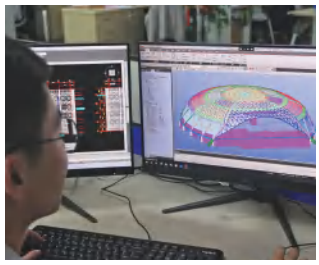
精准设计
Accurate design

设计赋能，实力担当。公司拥有专业设计院，依托先进的BIM技术、三维建模软件和强大的结构计算分析能力，从方案构思到施工图深化，全程提供科学严谨、经济高效、安全可靠的钢结构解决方案。无论是超高层建筑、大跨度空间结构、工业厂房还是特种构筑物，都能精准把控设计要点，确保结构性能最优、用材最省、施工最便捷。

设计院不仅是我们技术实力的象征，更是项目成功的关键保障。 它确保了设计与施工的快速衔接，赋予我们快速响应、灵活定制和全程技术护航的核心竞争力，为客户创造更大价值。

我们汇聚各领域精英，组建了一支专业研发设计团队，并依托健全的设计体系与规范的管理流程，确保全球总承包项目的高效推进与高质量交付。





Design Empowers, Strength Delivers. The company boasts its own steel structure design institute, which is the core advantage enabling us to provide one-stop, high-quality services. Relying on advanced BIM technology, 3D modeling software, and strong structural calculation and analysis capabilities, we offer scientific, rigorous, cost-effective, safe, and reliable steel structure solutions throughout the entire process, from conceptual design to detailed construction drawing development. Whether it is super high-rise buildings, long-span spatial structures, industrial plants, or special structures, we can accurately grasp the key design points to ensure optimal structural performance, minimal material usage, and the most convenient construction.

The independent design institute is not only a symbol of our technical strength but also a key guarantee for the success of projects. It ensures the seamless integration of design and construction, endowing us with core competitiveness in rapid response, flexible customization, and full-process technical support, thus creating greater value for customers.

PRODUCTION SERVICE CAPABILITIES

生产服务实力

高效率的生产线

High efficiency

With decoiling line, heavy steel production line, light steel production line, box beam production line, intelligent production line, slitting line, automatic welding workstation, automatic painting line and other production lines.

拥有开平线、重钢生产线、轻钢生产线、箱型梁生产线、智能生产线、纵剪线、自动焊接工作站、自动喷漆线等多条产线。

150,000T

THE ANNUAL PRODUCTION CAPACITY CAN REACH 150,000 TONS

12

HAVING 12 PROFESSIONAL PRODUCTION LINES



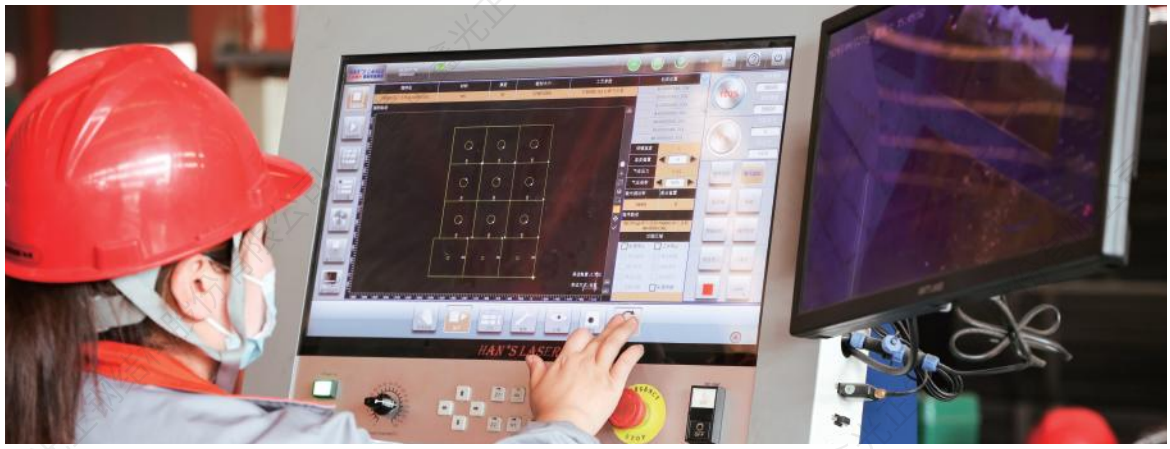






青岛鑫光正钢结构股份有限公司

高标准的生产流程 / High-standard production processes



01 钢材下料切割/Steel cutting

Use flame cutting, laser cutting and other equipment to cut steel into the desired shape and size.

02 钢材成型/Steel forming

The steel is machined into the desired shape using the equipment of assembling machine, gantry submerged arc welding machine and straightening machine.

03 钢材组装/Steel assembly

The steel after cutting and forming is assembled according to the design requirements to form the steel structure members.

04 焊接质量检查/Quality inspection

Check the welding quality to ensure that it meets the requirements.

05 表面防锈防腐处理/Surface treatment

On the surface of steel structure, the rust is removed by shot blasting machine, and then the anti-corrosion treatment such as painting and spray painting can improve the service life.

01

INTELLIGENT WELDING ROBOT
智能焊接机器人

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).



02

AUTOMATIC PAINT LINE
自动喷漆线

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.



03

LASER PLATE CUTTING MACHINE
激光平板切割机

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.



04

SECTION STEEL LASER CUTTING MACHINE
型钢激光切割机

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.



05

WELDING STRAIGHTENING MACHINE
组焊矫一体机

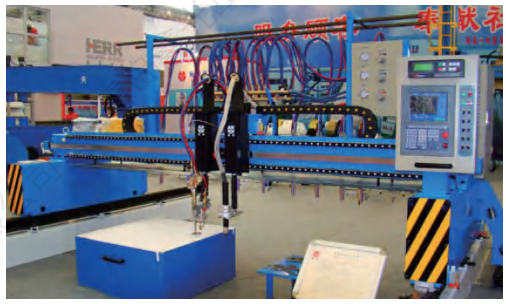
The assembly, welding and correction integrated machine is a device that integrates assembly, welding and correction functions. It can achieve full automation from raw materials to finished product output. This equipment adopts advanced mechanical and control systems, which can achieve multi-functional,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



06

CNC FLAME CUTTING MACHINE
数控火焰切割机

It is used for drawing, programming, nesting, checking and CNC cutting of parts of any shape. Increase the sheeting rate of steel and effectively save steel; Improve the efficiency of programming, nesting and cutting work, and effectively enhance the production efficiency of cutting.



07

FIVE AXIS LASER PLATE CUTTING MACHINE
五轴激光平板切割机

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.



08

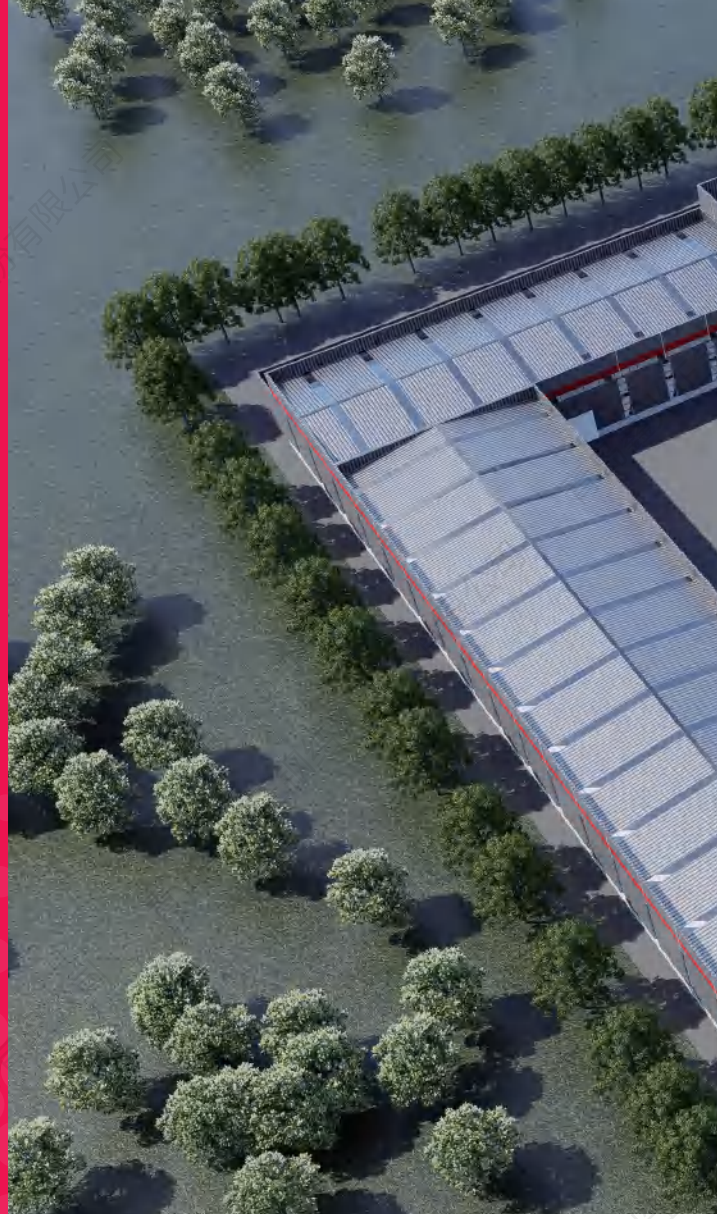
HYBRID OIL-ELECTRIC CNC BENDING MACHINE
油电混合数控折弯机

It is equipped with the UBB-800/8000D oil-electric hybrid CNC bending machine. The CNC numerical control system adopts the Italian ESA S640 bending machine control system. It is suitable for medium to large-sized sheet metal parts, featuring high precision and efficiency. It can handle metal plates of various thicknesses and has the characteristics of energy conservation and environmental protection.



EUROPEAN/AMERICAN STANDARD PRODUCTION WORKSHOP

专业服务于
欧标/美标体系生产车间



双标认证·品质保障
Double certification · Quality assurance



我们拥有EN1090（欧标）及AISC（美标）双重体系认证，从原材料入库到成品出库，每一步都严格按照质量管理体系执行，在全球各地均有项目工程。

We have dual system certifications EN1090 (European Standard) and AISC (American Standard), and strictly follow the quality management system at every step from raw material warehousing to finished product outbound. We have project engineering projects around the world.

智能制造·数字化车间
Smart Manufacturing · Digital Workshop



车间配备了激光板材切割机、智能型材切割机、智能型材划线机、焊接机器人、激光切管机、大型折弯机、箱型梁自动生产线、焊接H钢生产线、组焊矫自动生产线、自动喷涂线等国内先进智能设备。

The workshop is equipped with domestically advanced intelligent equipment, including laser sheet cutting machines, intelligent profile cutting machines, intelligent profile marking machines, welding robots, laser pipe cutting machines, large bending machines, box girder automatic production lines, welded H-beam production lines, automatic assembly-welding-straightening production lines, and automatic spraying lines.



精益管理·专业团队
Global Projects · Professional Team



我们拥有专业的焊接工程师，并持有CWI（美国焊接检验师）CSWIP（欧洲焊接检验师）及IWE（国际焊接工程师）认证，成功交付了多个欧美标准项目。

We have professional welding engineers certified as CWI (American Welding Inspector), CSWIP (European Welding Inspector), and IWE (International Welding Engineer), with a successful track record of delivering multiple projects compliant with European and American standards.

独立实验室·质量把握
Independent Laboratory · Quality Assurance



我们拥有独立实验室及精密的检测设备，能够对原材料及成品构件进行材料性能、焊接工艺、成品质量等检测，大大提高了产品的质量和生产效率。

We have an independent laboratory and sophisticated testing equipment, which can conduct tests on material properties, welding processes, and finished product quality for raw materials and finished components, greatly improving product quality and production efficiency.