



FORMWORK & SCAFFOLDING EXPERT
ECO-SMART CONSTRUCTION
1+N INTEGRATED SOLUTIONS

CHINESE LISTED COMPANY

STOCK CODE: SZ 300986

STEEL STRUCTURE SYSTEM

钢结构体系





COMPANY PROFILE 公司简介

GETO Group is mainly engaged in Green new building formwork and scaffolding (aluminium formwork, steel formwork, steel-framed timber formwork, climbing systems, fair-faced concrete formwork, and infrastructure formwork and scaffolding products), Prefabricated buildings (steel structures and PC), Modular housing (steel structures and PC), and Construction & decoration materials (tiles, doors & windows, lighting, custom furniture, etc.)

GETO also provides New energy including the investment, EPC construction, and operation of commercial and industrial "Photovoltaics, Storage, and Charging" projects, while providing the "Green Energy Future Living" one-stop residential energy solution.

In 2021, GETO completed its IPO and was listed on the ChiNext board of the Shenzhen Stock Exchange in China (Stock Code: SZ 300986). We have established 12 production bases globally and registered the "GETO®" international trademarks in 32 countries and regions, with products and services reaching worldwide markets.

志特集团主营绿色新型建筑模架（铝模、钢模、钢框木模、爬升式模架、清水混凝土模架及公基建专用模架）、装配式建筑（钢结构与 PC）、模块化房屋（钢结构与 PC），以及各类结构和装修建筑材料（瓷砖、门窗、灯饰、定制家具等）。

志特还提供相关新能源，包括工商业“光、储、充”项目投资、EPC 建设、运维，“绿能未来居”一站式家庭能源解决方案。

“志特新材”于 2021 年在 A 股创业板 IPO 上市（股票代码：SZ 300986），目前已在全球设立 12 大生产基地，在 32 个国家和地区注册了“GETO®”国际商标，产品和服务遍及全球。

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STEEL STRUCTURE SYSTEM

INTRODUCTION

钢结构体系介绍

MULTI-/HIGH-RISE STEEL STRUCTURE SYSTEM

多（高）层钢结构体系

Widely used in office towers, residential buildings, and hotels. Typically adopts steel frame or frame-braced structures, featuring flexible layouts, strong load-bearing capacity, and excellent seismic performance. Key components include steel columns, beams, floor decking, and connection nodes.

该体系广泛应用于办公楼、住宅、酒店等中高层建筑，采用钢框架或框架-支撑结构，结构布置灵活、承载力强，适合大开间与复杂平面设计，具备良好的抗震性能与可持续性。主要构件包括钢柱、钢梁、楼承板与各类节点连接件。

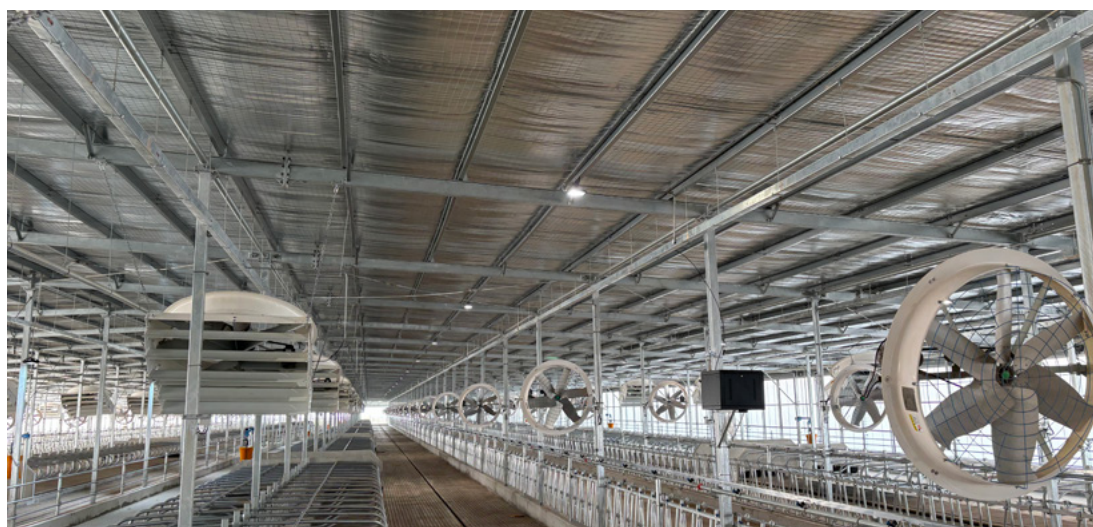


STEEL STRUCTURE SYSTEM INTRODUCTION 钢结构体系介绍

INDUSTRIAL PLANT STEEL STRUCTURE SYSTEM 工业厂房钢结构体系

Ideal for factories and logistics warehouses. Commonly uses portal frames, trusses, or rigid frames to achieve large spans without interior columns, allowing flexible equipment layout. Offers fast construction, low cost, and strong adaptability.

该体系适用于工业厂房、仓储物流中心等建筑，常采用门式刚架、桁架、排架等结构形式，实现大跨度、无中柱布置，便于设备布置与工业流程规划。具有建造速度快、造价经济、适应性强等优势。

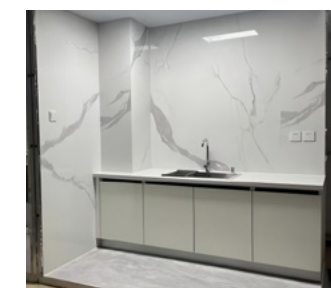
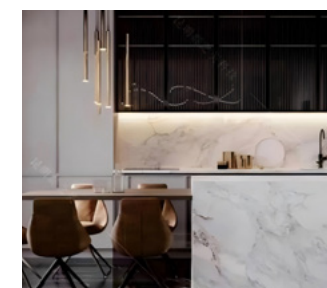


STEEL STRUCTURE SYSTEM INTRODUCTION 钢结构体系介绍

PREFABRICATED STEEL STRUCTURE SYSTEM 装配式钢结构体系

Combines off-site prefabrication with on-site assembly. Applied in modular products such as light steel villas, prefabricated bathrooms, and kitchens. Ensures high standardization, short construction cycles, and environmental sustainability.

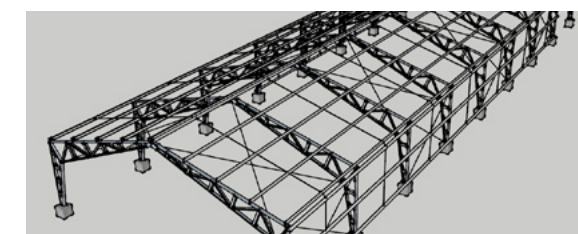
融合工厂预制与现场装配施工方式，提升工程效率与精度。适用于装配式轻钢别墅、装配式厨房与卫生间等产品，具备标准化程度高、施工周期短、绿色环保等优势。



TRUSS & SPACE FRAME STRUCTURE SYSTEM 桁架与网架钢结构体系

Designed for large public spaces like exhibition halls, stadiums, and airports. Enables long-span, aesthetically striking roofs with lightweight and efficient load transfer. Supports complex architectural forms.

适用于大空间公共建筑、展馆、体育馆、机场航站楼等场景，通过桁架或空间网架结构实现超大跨度与美观外观。结构轻盈、力学性能优越，便于实现复杂造型。



STEEL STRUCTURE SYSTEM INTRODUCTION 钢结构体系介绍

LIGHT STEEL STRUCTURE SYSTEM 轻钢钢结构体系

Uses galvanized light-gauge steel as the main framework. Lightweight, easy to process, and ideal for modular buildings like residences, camps, and dormitories. The system features quick-build, energy-saving, and highly adaptable.

轻钢结构以热镀锌轻型型钢为主, 构件轻便易加工, 广泛应用于住宅、宿舍、营地等模块化建筑场景, 具备快速搭建、保温节能、适配性强等特点。



STEEL STRUCTURE SYSTEM INTRODUCTION 钢结构体系介绍

STEEL-CONCRETE COMPOSITE STRUCTURE SYSTEM 钢 - 混凝土组合结构体系

Combines the strengths of steel and concrete for enhanced bearing and seismic performance. Includes systems such as concrete-filled steel tubes and composite beams. Common in high-rise buildings and transport hubs.

该体系通过钢结构与混凝土协同受力, 提升整体承载与抗震性能。常见形式包括钢骨混凝土柱、钢 - 混凝土组合梁等, 广泛应用于高层建筑、交通枢纽等对结构性能要求高的项目。



ADVANTAGES OF STEEL STRUCTURE SYSTEM 钢结构体系优势



HIGH STRENGTH & LIGHTWEIGHT 高强轻质

With high structural strength and low self-weight, it reduces foundation costs and improves space utilization.
结构强度高, 自重轻, 减小基础成本, 提升空间利用率。



HIGH CONSTRUCTION EFFICIENCY 施工效率高

Prefabricated components enable fast on-site assembly, significantly shortening construction time and saving labor costs.
构件工厂预制, 现场装配, 缩短工期, 节省人力。



ADAPTABLE TO COMPLEX DESIGNS 适应复杂造型设计

Easily processed for bending, welding, and connecting — suitable for diverse architectural forms such as irregular and large-span spatial structures.
易于加工弯曲、焊接、连接, 可实现多种建筑造型(如异形、大跨度空间结构)。



GREEN & SUSTAINABLE 绿色环保

Recyclable and reusable materials, clean on-site construction, aligning with the principles of green building.
可回收、可重复利用, 现场施工干净整洁, 符合绿色建筑理念。



SEISMIC-RESISTANT & DURABLE 抗震耐久

Excellent ductility and seismic performance ensure structural safety, reliability, and long service life.
延性好, 抗震性能优异, 结构安全可靠, 使用寿命长。

APPLICATION SCENARIOS 应用场景

Light Steel Factory Building
轻钢厂房



Grid Structure
网架



Prefabricated Light Steel House
装配式轻钢房屋



Prefabricated Intelligent Parking Garage
装配式智能停车库



BIPV Photovoltaic Carports and
Photovoltaic Roofs
BIPV 光伏停车棚与光伏屋顶



APPLICATION SCENARIOS 应用场景

Steel Structure Mezzanine
钢结构夹层



Heavy Steel Ultra-High-Rise Stiffness
Columns and Beams
重钢超高层劲性柱梁



Steel Support System for Foundation Pit
基坑钢支撑体系



Curtain Wall Steel Keel System
幕墙钢龙骨体系



DESIGN INNOVATION 设计创新

PROFESSIONAL DESIGN TEAM 专业设计团队

Team Composition 团队组成



Experienced structural and architectural engineers, proficient in full lifecycle steel structure design and delivery.

由经验丰富的结构与建筑师组成，精通钢结构设计与全周期管理。

International Design Capabilities 国际设计能力



Skilled in AISC, Eurocode, BS standards, supporting cross-regional projects.

熟悉 AISC、Eurocode、BS 等国际标准，支持跨地域项目设计。

Extensive Design Experience 全面的设计经验



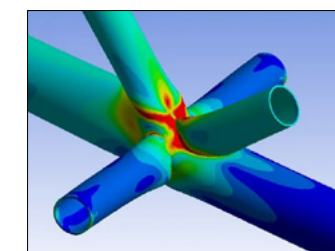
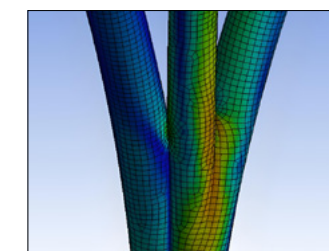
Custom solutions for spans, high-rises, plants, and bridges.

可针对大跨度、高层、厂房、桥梁等项目提供定制化设计。

DIGITAL DESIGN 数字化设计

Computational Analysis 建模计算能力

Proficient in finite element analysis using SAP2000, ANSYS, ABAQUS, ETABS, MIDAS Gen, and 3D3S.
掌握 SAP2000、ANSYS、ABAQUS、ETABS、MIDAS Gen、3D3S 等有限元建模与结构计算工具。

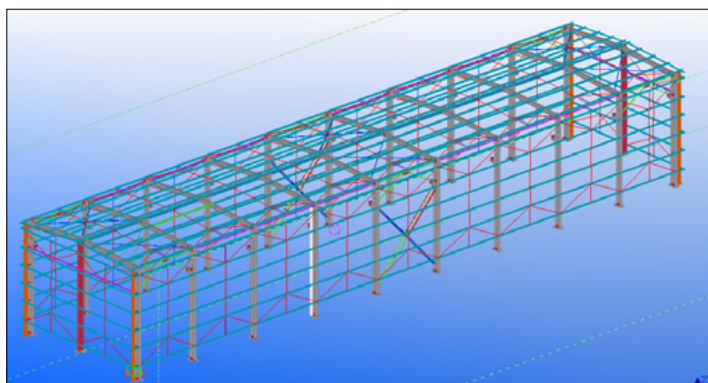


DESIGN INNOVATION 设计创新

DIGITAL DESIGN 数字化设计

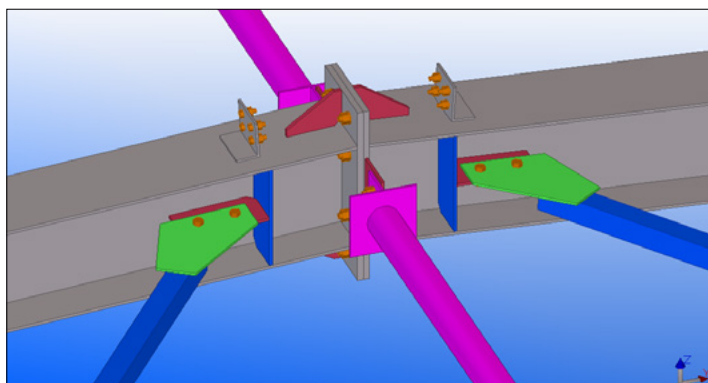
BIM Parametric Design BIM 技术能力

Supports parametric modeling, clash detection, and construction simulation for precision design.
实现钢构件参数化设计、碰撞检查与施工模拟, 提升设计精度。



Digital Drawing & Modeling 数字化绘图

Using Tekla Structures for BIM modeling and collaborative lifecycle design.
基于 Tekla 平台进行 BIM 建模, 实现设计全过程协同。



DESIGN INNOVATION 设计创新

CUTTING-EDGE INNOVATION 前沿的创新技术

Green Construction Technology 绿色结构技术

01

Prefabricated detachable components reduce on-site work and enable full-process carbon management from construction to operation.
通过装配式结构深化与可拆装设计, 减少现场作业, 实现建筑从施工到使用阶段的碳排放控制。

Advanced Materials & Seismic Systems 新材料新技术

02

Innovative materials and damping systems (e.g., buckling-restrained braces, viscoelastic dampers) enhance performance in seismic and fatigue scenarios.
聚焦高性能材料设计与减震耗能体系 (如屈曲约束支撑、黏滞阻尼器) 技术研究与转化应用。

Innovative Structure Systems 新型结构体系

03

Customized for complex needs, such as seismic-isolation structures and transform structures.
开发适应特殊性能的结构方案, 如隔振结构、转换结构等复杂体系。

INTELLIGENT MANUFACTURING & QUALITY CONTROL 智能制造与质量控制

RAW MATERIAL CONTROL 原材料控制

To meet varying design and environmental requirements, we select materials based on strength, corrosion resistance, fire resistance, and weather tolerance, applying appropriate steel grades and treatments.

针对不同设计需求与使用环境, 依据强度、防腐性、耐火性与耐候性等标准, 科学选用适配的钢材类型与处理方式。

Q355B Low-Alloy Steel Q355B 低合金钢

For high-rise frames and heavy components; offers high strength and excellent toughness.
适用于高层框架与大跨构件, 具备高屈服强度与优良韧性。

Q235B Carbon Steel Q235B 碳素钢

Ideal for secondary beams and bracing; known for cost-effectiveness and stability.
适用于次梁与支撑构件, 经济性强且稳定性优。

Weathering Steel 耐候钢

Used in marine or chemical environments; enhances corrosion resistance and extends service life.
适用于滨海或化工环境, 防腐性能好, 耐久性强。

INTELLIGENT MANUFACTURING & QUALITY CONTROL 智能制造与质量控制

The selected materials comply with multiple international structure standards and certification systems, including major accreditations such as UKCA (UK), CE (EU), UL/ETL (USA), and SAA (Australia), ensuring full compatibility with regulatory and technical requirements across global construction markets.

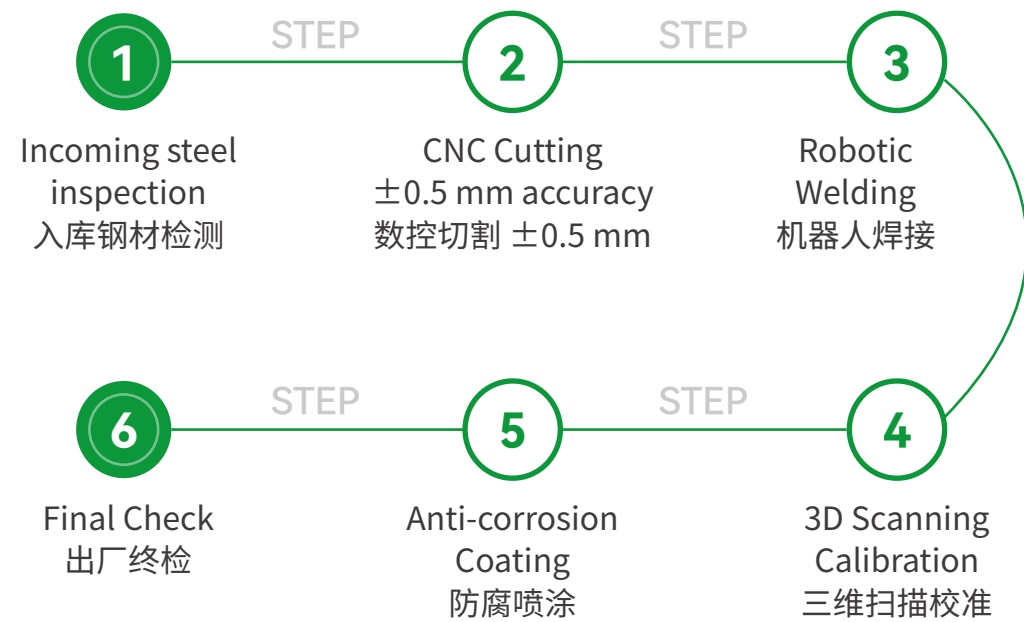
所选材料符合多项国际结构标准与合规认证体系, 包括英国 UKCA、欧盟 CE、美国 UL/ETL、澳大利亚 SAA 等主流认证, 全面适配全球建筑工程市场的法规与技术标准。



INTELLIGENT MANUFACTURING & QUALITY CONTROL 智能制造与质量控制

FULL-PROCESS PRODUCTION CONTROL 生产全过程管控

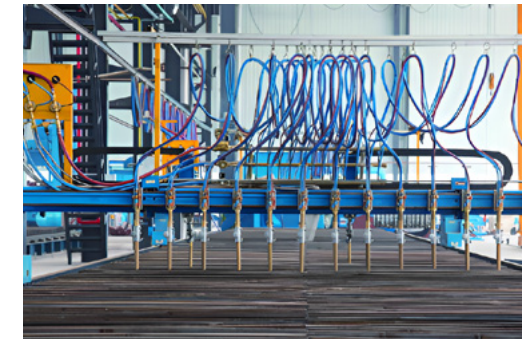
From raw materials to delivery, each step is strictly monitored to ensure quality and precision.
从原材到出厂, 全过程严格把控, 确保质量与精度。



INTELLIGENT MANUFACTURING & QUALITY CONTROL 智能制造与质量控制

TYPES OF STEEL STRUCTURE PROCESSING EQUIPMENT 钢结构加工设备种类

CNG-5000 CNC Multihead Strip Cutting Machine
CNG-5000 数控多头直条切割机



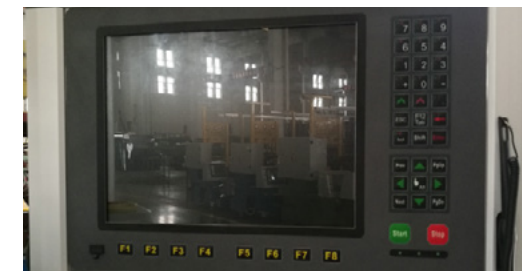
TX Series Heavy-Duty Laser Pipe Cutting Machine TX 系列重型激光切管机



JF-CNC MIN CNC System
JF-CNC MIN 数控系统



HG2000 Assembly Machine
HG2000 组立机



INTELLIGENT MANUFACTURING & QUALITY CONTROL 智能制造与质量控制

TYPES OF STEEL STRUCTURE PROCESSING EQUIPMENT 钢结构加工设备种类

DMM50 Gantry Automatic Submerged Arc
Welding Machine

DMM50 门型自动埋弧焊机



YJZ60A Straightening Machine

YJZ60A 矫正机



XZM2015 Gantry Electroslag Welding Machine

XZM2015 门式电渣焊机



XM-SK2015 CNC End Face Milling Machine

数控端面铣床



PROJECT CASES 项目案例

COMMERCIAL & OFFICE PROJECT 商办建筑项目

SKYLON Hotel Roof Steel Structure Project - Malaysia
马来西亚SKYLON 屋顶钢结构酒店项目

Application System: Truss Steel Structure System

应用体系: 桁架钢结构体系

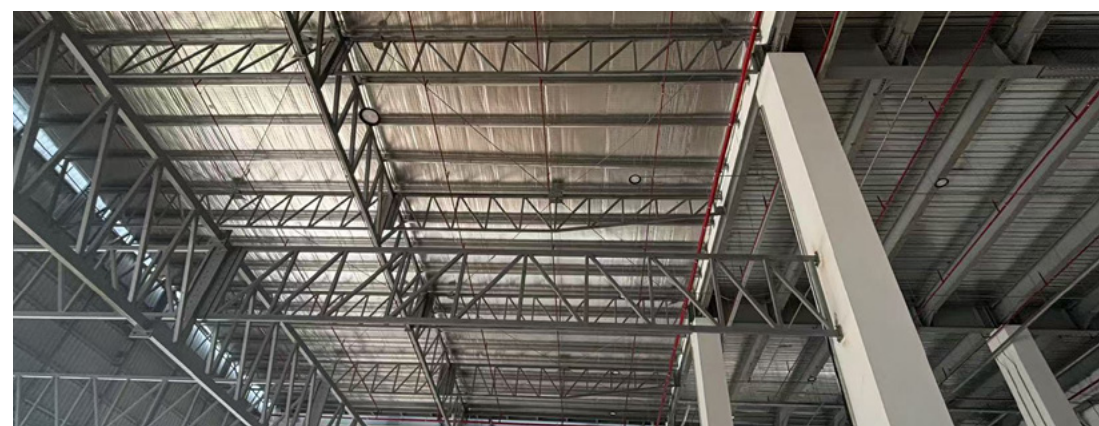
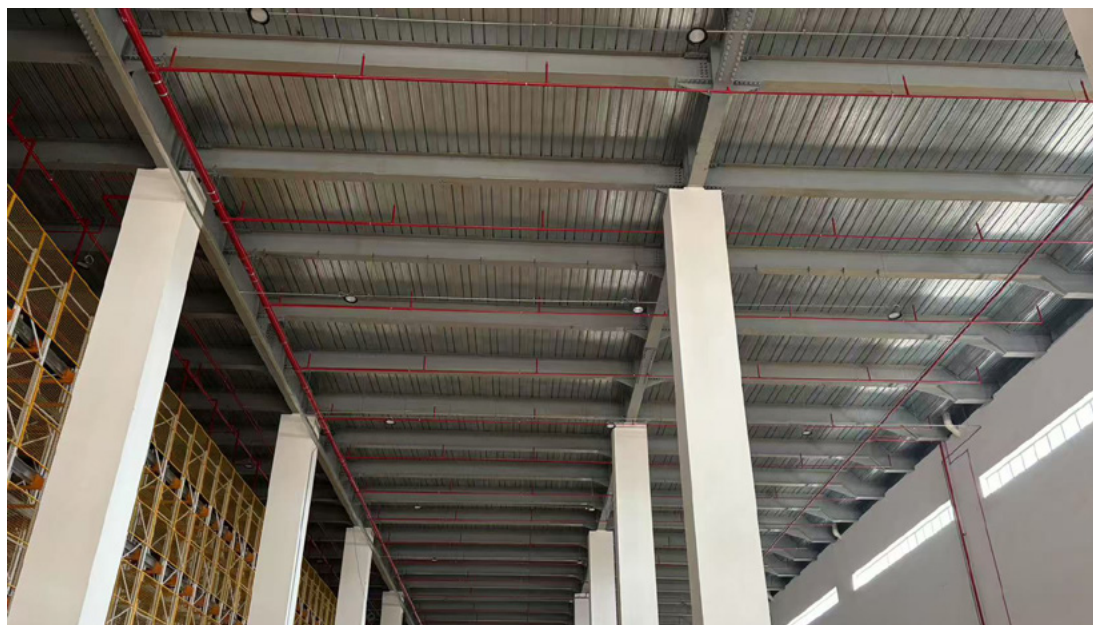


PROJECT CASES 项目案例

AGRICULTURAL BUILDING PROJECT 农业建筑项目

F&N Agrivalley Project, Malaysia
马来西亚F&N 奶牛场项目

Application System: Industrial Steel Structure System
应用体系: 工业厂房钢结构体系

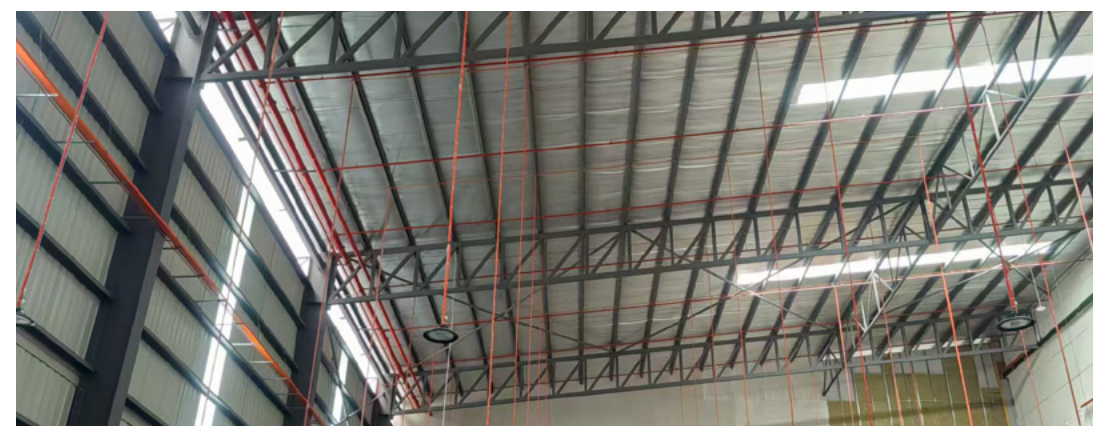
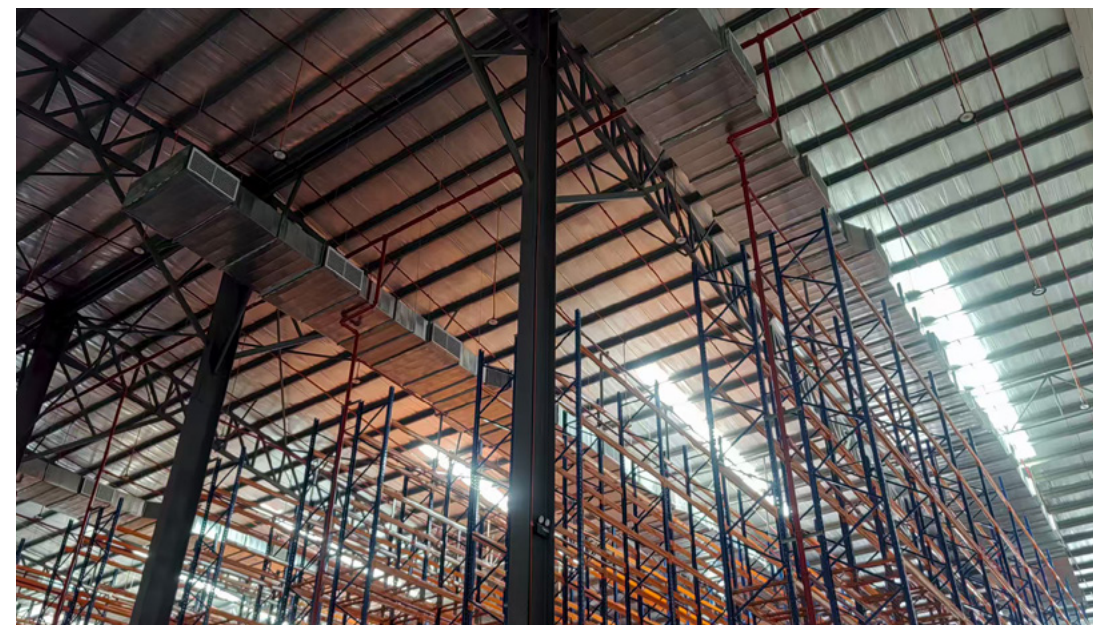


PROJECT CASES 项目案例

INDUSTRIAL BUILDING PROJECT 工业厂房项目

Industrial Building Project, Malaysia
马来西亚工业厂房项目

Application System: Industrial Steel Structure System
应用体系: 工业厂房钢结构体系



GETO SERVICE 志特服务



We provide consulting services for you before bidding and during the project process.
我们在投标前和项目过程中为您提供咨询服务。



We provide services for scheme design and computational analysis, including PE calculation.
我们提供方案设计和计算分析的服务, 包括 PE 专业工程计算。



We can deliver goods to the appointed port timely and safely.
我们可以及时和安全地将货物送到约定港口。



We can arrange experienced technical personnel worldwide to solve problems on-site.
我们可以在全球范围内安排经验丰富的技术人员到现场解决问题。

GETO Group

Headquarters:

Greater Bay Area—No. 13 Heqing Road, Tsuihang New District, Zhongshan City, Guangdong Province

Southern China Production Base I :

Cuishan Lake Science and Technology Park, Kaiping, Jiangmen City ,Guangdong Province

Southern China Production Base II :

Huizhou Industrial Transfer Industrial Park, Huizhou City, Guangdong Province

Eastern China Production Base I :

Guangchang Industrial Park, Fuzhou City, Jiangxi Province

Central China Production Base:

Hi-tech Industry Development Zone, Xianning City, Hubei Province

Northern China Production Base:

China Aluminium Industrial Park, Linqi, Weifang City, Shandong Province

Southwest China Production Base:

Modern Manufacturing Industrial Park, Tongnan High-Tech District, Chongqing City

Northwest China Production Base:

The Circular Economy Park, Anding District, Dingxi City, Gansu Province

Hainan Production Base:

Gold Medal Port Industrial Park, Lingao County, Hainan Province

ASEAN Production Base:

Negeri Sembilan, Malaysia

Singapore Production Base :

West Region, Singapore

Saudi Arabia Production Base:

Riyadh, Saudi Arabia

Contact

Sales Hotline: 0086-760-88589004

E-mail: geto_market@geto.com.cn

Website: www.getoformwork.com

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