



总部地址：北京市丰台区南四环西路 188 号总部基地 16 区 14 号楼

服务热线：400-650-5186 邮箱：info@duowei.net.cn 网址：www.duowei.net.cn

ADD: Building No.14, Block 16, 188 West Road, South 4th Ring Road, Fengtai District, Beijing, P.R. China
Service Hotline: 400-650-5186 E-MAIL: info@duowei.net.cn HTTP: // www.duowei.net.cn

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DUOWEI
Steel Structure
Product Manual

多维钢构
产品画册



MISSION

DUOWEI INTELLIGENT
MANUFACTURING FOR A
BETTER FUTURE

使命

智造多维空间
构筑美好未来

VISION

TO BECOME AN INTEGRATED
SERVICES PROVIDER OF
GREEN BUILDINGS WITH
"CUSTOMER TRUST,
EMPLOYEE HAPPINESS AND
SOCIAL RECOGNITION"

愿景

成为“客户信赖、员工
幸福、社会认同”的绿
色建筑集成服务商。



集团简介 GROUP PROFILE

多维创始于1983年，是国内领先的节能建筑金属围护系统与绿色建筑钢结构系统集成服务商。在天津、南通、沈阳、成都建有智能制造基地，已服务客户逾万个，行销74个国家与地区。

多维坚持“客户优先”的服务理念，形成以建筑金属围护系统、楼承板系统、钢结构系统及建筑光伏系统为主营的产品体系，并不断创新研发，形成350余件国家授权知识产权，长期服务一汽轿车、宝马汽车、华为科技、京东方、三星电子等知名企业，并荣膺国家高新技术企业、北京民营企业科技创新百强，中国建筑金属屋(墙)面行业十强企业等。

未来的多维，将继续坚持科技创新，为客户提供绿色低碳建筑产品与系统解决方案，创造更加美好未来。

Duowei Union Group Co., Ltd., was founded in 1983, is the leading integrated service provider of energy-saving metal enclosure systems and steel structure systems for green buildings in China. We have intelligent manufacturing bases in Tianjin, Nantong, Shenyang, and Chengdu, serving more than 10,000 customers in 74 different countries and regions.

Always being customer-oriented, Duowei has formed its main product system consisting of metal enclosure system, truss deck system, steel structure system, and PV system for buildings. By continuously focusing on innovative R&D we have gained over 350 state-authorized intellectual property rights and become a long-term service provider of well-known enterprises such as FAW Car, BMW, Huawei Technologies, BOE, and Samsung Electronics. We have been named a National High-tech Enterprise and been ranked among Beijing's Top 100 S&T Innovation Private Enterprises and the Top 10 Metal Roof and Wall Enterprises in China.

Looking forward, Duowei will continue to strive for scientific and technological innovation and provide our customers with green and low-carbon building products and system solutions to create a better future for all.



多维绿建科技(天津)有限公司

规模: 占地365亩, 总建筑面积约13万平方米。
产能: 可年产精品钢结构建筑部件6万吨、岩棉/玻璃棉金属幕墙夹芯板200万平方米、聚氨酯冷库板100万平方米、钢筋桁架楼承板300万平方米, 装配式建筑用各类金属压型板及部品部件约1000万平方米。
简介: 天津绿建基地是集团旗下装备智能化及产品科技水平最高、清洁环保技术应用最广泛、产业规模最大的装配式建筑产业高端研发制造基地, 可向国内外客户提供绿色建筑系统化集成服务。

Duowei Green Building Technology (Tianjin) Co., Ltd.

Size : covering an area of 243,000 square meters, with a total construction area of about 130,000 square meters.
Production capacity : producing 60,000 tons of high-quality steelwork components for buildings, 2,000,000 square meters of rock wool/glass wool metal curtain wall sandwich panels, 1,000,000 square meters of polyurethane cold storage panels, 3,000,000 square meters of steel truss decks, and about 10,000,000 square meters of all types of profiled steel sheets and components for prefabricated buildings each year.
Brief introduction : Tianjin Green Building Base is a high-end R&D and manufacturing base of Duowei Union Group with the most intelligent equipment, the most technologically advanced products, the most widely applied clean and environmental protection technologies and the largest industrial scale. It can provide customers at home and abroad with systematic and integrated services for green buildings.





多维绿建科技(南通)有限公司

规模：占地153亩，总建筑面积约7万平方米。
产能：可年产岩棉/玻璃棉金属幕墙夹芯板200万平方米、聚氨酯冷库板100万平方米、洁净室净化板100万平方米，钢筋桁架楼承板150万平方米，装配式建筑用各类金属压型板及部品部件约800万平方米。
简介：南通绿建基地是多维在华东区域的重要布局，将服务以华东区域为代表的整个南方市场，基地应用多维自有板型24种，宛如金属围护系统行业“博物馆”，可向国内外客户提供绿色建筑系统化集成服务。

Duowei Green Building Technology (Nantong) Co., Ltd.

Size : covering an area of 102,000 square meters, with a total construction area of about 70,000 square meters.
Production capacity : producing 2,000,000 square meters of rock wool/glass wool metal curtain wall sandwich panels, 1,000,000 square meters of polyurethane cold storage panels, 1,000,000 square meters of clean room purification plates, 1,500,000 square meters of steel truss decks, and about 8,000,000 square meters of all types of profiled steel sheets and components for prefabricated buildings each year.
Brief introduction: Nantong Green Building Base is an important part of Duowei in East China. It will serve the entire southern market represented by East China Region. With 24 types of self-possessed plates to be applied, it will be a "museum" of metal enclosure systems in the industry, and can provide customers at home and abroad with systematic and integrated services for green buildings.



多维绿建科技(南通)有限公司

Duowei Green Building Technology (Nantong) Co., Ltd.

沈阳多维格诺建筑系统有限公司

Shenyang Duowei Genau Building System Co.,Ltd



沈阳多维格诺建筑系统有限公司

规模：占地面积130亩，总建筑面积约5万平方米。
产能：可年产岩棉/玻璃棉金属幕墙夹芯板100万平方米、聚氨酯冷库板50万平方米、钢筋桁架楼承板20万平方米、装配式建筑用各类金属压型板及部品部件约800万平方米、精品钢结构2万吨。
简介：沈阳格诺基地是集团旗下东北区域规模最大，以绿色建筑钢结构系统、金属幕墙夹芯板系统、钢筋桁架楼承板系统为主的智能化装配式建筑制造基地。

Shenyang Duowei Genau Building System Co.,Ltd

Size : covering an area of 87,000 square meters, with a total construction area of about 50,000 square meters.
Production capacity : producing 1,000,000 square meters of rock wool/glass wool metal curtain wall sandwich panels, 500,000 square meters of polyurethane cold storage panels, 200,000 square meters of steel truss decks, about 8,000,000 square meters of all types of profiled steel sheets and components for prefabricated buildings, and 20,000 tons of high-quality steel structures each year.
Brief introduction : Shenyang Genau Base is the largest intelligent prefabricated building manufacturing base of Duowei Union Group in the northeastern region. It mainly produces steel structure systems, metal curtain wall sandwich panel systems and steel truss deck systems for green buildings.



Lean Manufacturing精益制造

一流设备·国际领先
With the first-class equipment • taking the lead in international community

多维自美国、日本、德国、意大利、奥地利引进全球先进的H型结构、箱型结构、十字结构、管桁架结构、檩条结构、防火夹芯板、新型闭口组合楼板、钢筋桁架楼承板等各类先进生产线。

Duowei introduces world's advanced various production lines, such structures as H-type, container, cross, tube truss, purlin bar, and fire prevention laminboard, new closed composite slab, steel bar deck, etc. from the America, Japan, Germany, Italy and Austria.



美国培廷豪斯Peddinghaus平板加工中心
American Peddinghaus flat plate processing center



意大利菲赛普FICEP钻锯联合生产线
Italian FICEP joint production line of drilling and sawing

国际领先的钢结构智能制造装备
International Leading Intelligent Manufacturing Equipment for Steel Structures

· 美国进口高速平板加工中心 · 德国进口H型钢组焊矫一体机 · 德国进口钢结构环保涂装装备 · 六维相贯线切割机器人 · 管桁架生产线 · 十字柱焊接设备 · 箱型柱焊接设备 · BOX结构组立设备 · BOX结构电渣焊接、内隔板焊接、双丝埋弧焊接设备 · 三维数控钻床 · 平面数控钻床 · 数控带锯机 · 数控锁口机 · 端铣机 · 抛丸除锈机	· High Speed Plate Processing Center Imported from USA · Integrated H-beam Assembling, Welding and Straightening Equipment Imported from Germany · Steel Structure Environmental-friendly Coating Equipment Imported from Germany · Six-dimensional Intersecting Line Cutting Robot · TubeTruss Production Line · Cross Column Welding Equipment · Container Column Welding Equipment · BOX Structure Assembly Equipment · BOX Structure Electroslag Welding, Inner Partition Welding and Double Wire Submerged Arc Welding Equipment · 3D CNC Drilling Machine · Graphic CNC Drilling Machine · Numerical Control Band Saw Machine · Numerical Control Locking Machine · End Milling Machine · Shot Blasting Machine
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德国卡巴赫KALTENBACH自动无尘喷涂生产线
German KALTENBACH automatic dust-free spraying production line



意大利科林派斯CORIMPEX一次焊接线
Italian CORIMPEX one-time welding line

精益制造
Lean Manufacturing

新型建筑板材智能制造装备
New Intelligent Manufacturing Equipment for Building Plate

· 意大利欧姆斯聚氨酯节能夹芯板生产线 · 德国克劳斯·玛菲建筑金属夹芯板生产线 · 奥地利EVG钢筋桁架楼承板生产线 · 金属屋面/墙面压型板生产线 · 铝镁锰合金屋面板生产线	· Italy OMS Polyurethane Energy-Saving Laminboard Production Line · Germany Claus Murphy New Fire Prevention Mineral Wool/Glass Cotton Laminboard Production Line · Austria EVG Steel BarTruss Deck Production Line · Metal House/Wall Contour Board Production Line · Aluminium Magnesium Manganese Alloy Roof Board Production Line
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建筑金属夹芯板智能生产线
Intelligent production line for building metal sandwich panels



建筑金属夹芯板智能生产线(双履带)
Intelligent production line for building metal sandwich panels



钻床非标设备(自主研发)
Non-standard equipment of drilling machine(independently developed)



奥地利EVG全自动钢筋桁架制造装备
Austrian EVG Fully Automatic Reinforcement Truss Manufacturing Equipment

**Construction Case:
Steel Structure Multi-Story and High-Rise Building**

国内精品工程：多高层钢结构建筑

多高层钢结构建筑
Steel structure multi-story and high-rise building



北京日出东方凯宾斯基酒店

2014年APEC会议主办地

建筑面积：79100m²

结构形式：高层框架

钢构吨位：8000T

竣工时间：2014年

Beijing Sunrise East Kempinski Hotel

Hosting place for the 2014 APEC Conference

Construction area: 79,100m²

Structure type: High rise frame

Tonnage of steel structure: 8,000T

Completion time: 2014

Construction Case: Steel Structure Multi-Story and High-Rise Building

国内精品工程：多高层钢结构建筑

多高层钢结构建筑
Steel structure multi-story and high-rise building

中信银行信息技术研发基地研发A楼
等5项钢结构工程

Citic Bank Information Technology Research and Development
Base R&D A Building and other five Steel structure projects

钢构吨位：2000T
竣工时间：2018年

Tonnage of steel structure: 2,000T
Completion time: 2018



太原阳光大酒店

山西省第一高楼
2013年中国钢结构金奖工程

建筑面积：121000m²
结构形式：高层框架
钢构吨位：9000T
竣工时间：2014年

Shanxi Sunshine Hotel

The highest building in Shanxi Province
The Golden Award of Engineering Project
of Chinese Steel Structure in 2013

Construction area: 121,000m²
Structure type: High rise frame
Tonnage of steel structure: 9,000T
Completion time: 2014



Construction Case: Steel Structure Multi-Story and High-Rise Building

国内精品工程：多高层钢结构建筑

多高层钢结构建筑
Steel structure multi-story and high-rise building



北京诺德中心二期

Phase II of Beijing Noble Center

京西南最高建筑

The highest complex of Southwest Beijing

建筑高度：200m
建筑面积：71554m²
结构形式：高层框架
钢构吨位：3000T
竣工时间：2014年

Building height: 200m
Construction area: 71,554m²
Structure type: High-rise frame
Tonnage of steel structure: 3,000T
Completion time: 2014

Construction Case: Steel Structure Multi-Story and High-Rise Building

国内精品工程：多高层钢结构建筑

多高层钢结构建筑
Steel structure multi-story and high-rise building

沈阳铁西金谷一号千缘财富公馆

建筑高度：47m(12层)
建筑面积：190000m²
结构形式：高层框架
钢构吨位：8000T
竣工时间：2013年

Qianyuan Wealth Mansion, No. 1 Jin'gu Street, Tiexi District, Shenyang

Building height: 47m(12 floors)
Construction area: 190,000m²
Structure type: High-rise frame
Tonnage of the steel structure: 8,000T
Completion time: 2013



国家开发银行总部大楼

建筑高度：56.7m (12层)
建筑面积：150000m²
结构形式：钢筋混凝土、框架-剪力墙、钢结构
钢构吨位：2112T
组合楼板：120000m²
竣工时间：2012年

The headquarter building of China Development Bank

Building height: 56.7m(12 floors)
Construction area: 150,000m²
Structure type: Ferroconcrete, frame-shear wall and steel structure
Tonnage of steel structure: 2,112T
Composite slab: 120,000m²
Completion time: 2012



Construction Case:
Steel Structure Multi-Story and High-Rise Building
国内精品工程：多高层钢结构建筑



北京军区总医院医疗周转楼

Medical Turnover Building of the General Hospital of Beijing Military Region

建筑高度: 35.84m (10层)
建筑面积: 21000m²
结构形式: 高层框架
钢构吨位: 2000T
组合楼板: 19000m²
竣工时间: 2011年

Building height: 35.84m(10 floors)
Construction area: 21,000m²
Structure type: High-rise frame
Tonnage of steel structure: 2,000T
Composite slab: 19,000m²
Completion time: 2011



石家庄勒泰中心

LERTHAI Center in Shijiazhuang

建筑高度: 200m
建筑面积: 624046m²
结构形式: 高层框架
钢构吨位: 6000T
组合楼板: 110000m²
竣工时间: 2013年

Building height: 200m
Construction area: 624,046m²
Structure type: High-rise frame
Tonnage of steel structure: 6,000T
Composite slab: 110,000m²
Completion time: 2013

Construction Case: Heavy Equipment Frame

国内精品工程：重型设备框架

重型设备框架
Heavy equipment frame



神华集团黄骅港储煤筒仓项目

Shenhua Group Coal Storage Bunker Project in Huanghuagang

2014年中国钢结构金奖工程

The Golden Award of Engineering Project of Chinese Steel Structure in 2014

建筑面积：36000m²

Construction area: 36,000m²

结构形式：门式刚架、设备框架

Structure type: Portal frame, equipment frame

钢构吨位：9100T

Tonnage of steel structure: 9,100T

竣工时间：2014年

Completion time: 2014

Construction Case: Heavy Equipment Frame

国内精品工程：重型设备框架

重型设备框架
Heavy equipment frame



内蒙古伊泰化工气体框架工程

Erdos Eding Coal Chemical Company

建筑面积: 69760m²
结构形式: 高层框架、设备框架
钢构吨位: 13000T
围护面积: 58000m²
竣工时间: 2015年

Construction area: 69,760m²
Structure type: High rise frame, Equipment frame
Tonnage of steel structure: 13,000T
Enclosure area: 58,000m²
Completion time: 2015



沧州正元化肥有限公司

Cangzhou Zhengyuan Chemical Fertilizer Co., Ltd.

建筑面积: 21000m²
结构形式: 设备框架
钢构吨位: 8300T
竣工时间: 2014年

Construction area: 21,000m²
Structure type: Equipment frame
Tonnage of steel structure: 8,300T
Completion time: 2014

Construction Case:
Heavy Equipment Frame

国内精品工程：重型设备框架



天铁集团镀锌线退火炉

建筑面积: 18070m²
建筑高度: 24.87m
钢构吨位: 4600T
结构形式: 十字柱、H型钢柱、H型钢梁、
弧形钢梁、平台桁架
竣工时间: 2007年

Galvanizing Line Annealing Furnace of
Tiantie Group

Construction area: 18,070m²
Building height: 24.87m
Tonnage of steel structure: 4,600T
Structure type: Cross-shape pillar, H-shape
steel pillar, H-shape steel girder, Arc-
shape steel girder, platform truss
Completion time: 2007



天津大沽化工ABS设备框架

Tianjin Dagou Chemical ABS Equipment Frame

建筑面积: 14533m²
建筑高度: 65m
结构形式: 设备框架
钢构吨位: 12000T
竣工时间: 2011年

Construction area: 14,533m²
Construction height: 65m
Structure type: Equipment frame
Tonnage of steel structure: 12,000T
Completion time: 2011

包钢新体系

New System of Baogang Group

建筑面积: 120000m²
结构形式: 门式刚架、设备框架
钢构吨位: 13000T
围护面积: 48000m²
竣工时间: 2015年

Construction area: 120,000m²
Structure type: Portal frame, Facility frame
Tonnage of steel structure: 13,000T
Enclosure area: 48,000m²
Completion time: 2015

Construction Case: Heavy Steel Structure Plant

国内精品工程：重型钢结构厂房

重型钢结构厂房
Heavy steel structure plant



中国石油北京石油机械厂联合厂房

建筑面积：58000m²
结构形式：框架结构、超高格构柱、大跨度网架结构、门式刚架
钢构吨位：8000T
围护面积：100000m²（金属幕墙夹芯板）
竣工时间：2014年

Combined Factory Building of CNPC Beijing Petroleum Machinery Factory

Construction area: 58,000m²
Structure type: Frame structure, super high lattice column, long-span grid structure, portal frame
Tonnage of steel structure: 8,000T
Enclosure area: 100,000m²(Metal Curtain Wall Sandwich Panel)
Completion time: 2014

Construction Case: Heavy Steel Structure Plant

国内精品工程：重型钢结构厂房

重型钢结构厂房
Heavy steel structure plant



中国新一代大推力运载火箭产业基地

2010年中国钢结构金奖工程

建筑面积: 240000m²
结构形式: 框架结构、门式刚架
钢构吨位: 8000T
围护面积: 200000m² (金属幕墙夹芯板)
竣工时间: 2014年

Industrial Base of China's New Generation of High-thrust Carrier Rocket

The Golden Award of Engineering Project of Chinese Steel Structure in 2010

Construction area: 240,000m²
Structure type: Frame structure, portal frame
Tonnage of steel structure: 8,000T
Enclosure area: 200,000m² (Metal Curtain Wall Sandwich Panel)
Completion time: 2014

Construction Case:
Heavy Steel Structure Plant

国内精品工程：重型钢结构厂房

重型钢结构厂房
Heavy steel structure plant



长安汽车北京基地

Changan Automobile Beijing Base

2011年中国钢结构金奖工程

The Golden Award of Engineering Project
of Chinese Steel Structure in 2011

建筑面积: 155000m²

Construction area: 155,000m²

结构形式: 门式刚架

Structure type: Portal frame

钢构吨位: 11700T

Tonnage of steel structure: 11,700T

竣工时间: 2012年

Completion time: 2012

郑州宇通客车

Zhengzhou Yutong Bus

2012年中国钢结构金奖工程

The Golden Award of Engineering Project of Chinese Steel Structure in 2012

建筑面积: 107210m²

Construction area: 107,210m²

结构形式: 门式刚架

Structure type: Portal frame

钢构吨位: 5900T

Tonnage of steel structure: 5,900T

围护面积: 74888m² (金属幕墙夹芯板)
16642m² (屋面压型钢板)

Enclosure area: 74,888m² (Metal Curtain Wall Sandwich Panel)
16,642m² (Metal Roof)

竣工时间: 2013年

Completion time: 2013



中煤张家口煤矿机械工业园

2013年中国钢结构金奖工程

建筑面积: 220000m²

结构形式: 门式刚架

钢构吨位: 9880T

围护面积: 240000m² (双层压型钢板、金属幕墙夹芯板)

竣工时间: 2013年

Industrial Park of Coal Mining Machinery Equipment of Zhangjiakou

The Golden Award of Engineering Project of Chinese Steel Structure in 2013

Construction area: 220,000m²

Structure type: Portal frame

Tonnage of steel structure: 9,880T

Enclosure area: 240,000m² (Metal Roof, Metal Curtain Wall Sandwich Panel)

Completion time: 2013

Construction Case:
Heavy Steel Structure Plant

国内精品工程：重型钢结构厂房



国家电投核电科研创新基地

建筑面积: 21697m²
结构形式: 门式排架, 高低跨
钢构吨位: 2100T
围护面积: 23800m² (金属幕墙夹芯板)
竣工时间: 2013年

State Nuclear Power Scientific Research and Innovation Centre No.1
Experiment Workshop and Research and Development Building

Construction area: 21,697m²
Structure type: Gate-type bent frame, high and low stride
Tonnage of steel structure: 2,100T
Enclosure area: 23,800m² (Metal Curtain Wall Sandwich Panel)
Completion time: 2013



中煤平朔综合维修重钢结构厂房

建筑面积: 14340.29m²
结构形式: 框架结构、门式刚架
钢构吨位: 3700T

China Coal Group Complex
Maintenance Steel Structure Building

Construction area: 14,340.29m²
Structure type: Frame structure, portal frame
Tonnage of steel structure: 3,700T



天津和谐号大功率动车检修基地

建筑面积: 230000m²
结构形式: 门式刚架
钢构吨位: 6250T
竣工时间: 2011年

Tianjin CRH Train Maintenance Base

Construction area: 230,000m²
Structure type: Portal frame
Tonnage of steel structure: 6,250T
Completion time: 2011

航天煤气化装备产业基地一、二期

建筑面积: 32461m²
结构形式: 门式刚架
钢构吨位: 4800T
竣工时间: 2011年 (一期)、2014年 (二期)

Steel Plant of Aerospace Coal
Gasification Equipment Industrial Base

Construction area: 32,461m²
Structure type: Portal frame
Tonnage of steel structure: 4,800T
Completion time: 2011 (Phase 1)、2014 (Phase 2)



Construction Case: Heavy Steel Structure Plant

国内精品工程：重型钢结构厂房

重型钢结构厂房
Heavy steel structure plant



海城海鸣矿业有限责任公司菱镁矿深加工项目

钢构吨位: 6000T
围护面积: 100000m²
竣工时间: 2019年

Haicheng Haiming Mining Co., Ltd. Magnesite Deep Processing Project

Tonnage of steel structure: 6,000T
Enclosure area: 100,000m²
Completion time: 2019



菜鸟中国智能骨干网

CAINIAO CSN

钢构吨位: 6560T
竣工时间: 2019年

Tonnage of steel structure: 6,560T
Completion time: 2019



米其林沈阳轮胎有限公司600万条高性能子午线轮胎扩建项目

Michelin Shenyang Tire Co., Ltd

钢结构吨位: 3000T
竣工时间: 2019年

Tonnage of steel structure: 3,000T
Completion time: 2019



河北京车造车基地

Beijing Car Base

钢构吨位: 5900T
竣工时间: 2019年

Tonnage of steel structure: 5,900T
Completion time: 2019

Construction Case:
Large Span Steel Structure Construction
国内精品工程：大跨度钢结构建筑工程

北京武警特警学院568工程体育馆

建筑面积：12000m²
结构形式：大跨度弧形结构（最大跨度76.9m）
钢构吨位：3580T
竣工时间：2009年

Beijing Special Police College No. 568
Gymnasium Project

Construction area: 12,000m²
Structure type: Long-span arc-shape structure
(Maximum span 76.9m)
Tonnage of steel structure: 3,580T
Completion time: 2009



北京体育大学网球综合训练馆

建筑面积：12786m²
结构形式：钢结构框架
钢构吨位：1288T
竣工时间：2010年

Tennis Combined Training Pavilion of
Beijing Sport University

Construction area: 12,786m²
Structure type: Steel-structure frame
Tonnage of steel structure: 1,288T
Completion time: 2010

平谷区生活垃圾综合处理厂

钢构吨位：1350T
围护面积：41500m²
竣工时间：2017年

Pinggu District Integrated Domestic Waste
Treatment Plant

Tonnage of steel structure: 1350T
Cladding area: 41,500m²
Completion time: 2017



2022年冬奥会冬训中心

建筑面积：70000m²
结构形式：门式刚架（局部框架）
钢构吨位：3000T
建筑高度：18m
竣工时间：2017年6月

2022 Winter Olympic Games
Training Center

Construction area: 70,000m²
Structure type: portal frame
(partial frame)
Tonnage of steel structure: 3,000T
Building height: 18m
Completion time: June 2017



长春龙嘉国际机场T2航站楼二期扩建工程

建筑面积：125000m²
结构形式：双曲网架及双曲桁架组合结构
钢构吨位：1100T
竣工时间：2018年

T2 Terminal Phase II Extension Project of Changchun Longjia
International Airport

Construction area: 1,25,000m²
Structure form: hyperbolic space frame and hyperbolic truss
composite structure
Tonnage of steel structure: 1,100T
Completion time: 2018

Construction Case:
Large Span Steel Structure Construction
国内精品工程：大跨度钢结构建筑工程

大跨度钢结构建筑工程
Large Span Steel Structure Construction



雁栖湖国际会都高端国际会议中心
(APEC 2014会场)

建筑面积: 20000m²
钢构吨位: 4000T

Yanqi International Conference Center
(APEC 2014 location)

Construction area: 20,000m²
Tonnage of steel structure: 4,000T



北戴河科技会展中心

建筑面积: 31685.49m²
钢构吨位: 2375T

Beidaihe Science and Technology Exhibition Center

Construction area: 31,685.49m²
Tonnage of steel structure: 2,375T



秦皇岛开发区投资服务中心

建筑面积: 90000m²
结构形式: 大跨度预应力结构
建筑高度: 104m
钢构吨位: 1680T

Investment Service Center of Qinhuangdao Development Zone

Construction area: 90,000m²
Structure Form: Large span prestressed structure
Building height: 104m
Tonnage of steel structure: 1,680T



中芯国际集成电路制造有限公司

建筑面积: 91000m²
结构形式: 框架-剪力墙、桁架结构
钢构吨位: 2000T

Semiconductor Manufacturing International Corporation (SMIC)

Construction area: 91,000m²
Structure type: Frame shear wall structure、trussed construction
Tonnage of steel structure: 2,000T



加纳国防部TAKORADI空军机库	TAKORADI Air Force Hangar of Ghanaian Ministry of National Defense
建筑面积: 13000m ²	Construction area: 13,000m ²
结构形式: 钢框架结构	Structure type: Steel-frame structure
钢构吨位: 1300T	Tonnage of steel structure: 1,300T
竣工时间: 2012年	Completion time: 2012



赞比亚空军机库	The Zambia Air Force Hangar
建筑面积: 3500m ²	Construction area: 3,500m ²
结构形式: 门式刚架	Structure type: Portal frame



印度机库	India Hangar
主体结构: 为32m跨度弧形箱型钢梁	Subject structure: Curved box girder with 32m span



埃塞俄比亚机库	The Ethiopia Air Force Hangar
钢构吨位: 2939T	Tonnage of steel structure: 2,939T



埃塞俄比亚哈瓦萨（HAWASSA）工业园	Ethiopia (HAWASSA) Industrial Park
建筑面积: 128000m ²	Construction area: 128,000m ²
结构形式: 门式刚架	Structure type: Portal frame
钢构吨位: 4000T	Tonnage of steel structure: 4,000T



埃塞俄比亚DABOWEIN大桥	Ethiopia DABOWEIN Bridge
钢结吨位: 300余吨。	Steel structure tons: 300 tons
特点: H型钢梁简支梁三孔桥, 跨径为18.5+30.5+18.5米。	Features: H type steel beam bridge with 3 openings, span is 18.5m+30.5m+18.5m



塔吉克斯坦奥林匹克游泳馆

Tajikistan Olympic Natatorium

建筑面积：9150m² 结构形式：框架结构、网架结构
钢构吨位：689T 围护面积：6796m²
竣工时间：2011年

Construction area: 9,150m²
Structure type: Frame structure, grid structure
Tonnage of steel structure: 689T
Enclosure area: 6,796m²
Completion time: 2011



肯尼亚西门子高压输变电站

钢结构吨位：3000T
竣工时间：2019年

SIEMENS High Voltage Trans-Mission Substation in Kenya

Tonnage of steel structure: 3,000T
Completion time: 2019



古巴烟草厂

钢结构吨位：2750T
竣工时间：2019年

Cuba Tobacco Factory

Tonnage of steel structure: 2,750T
Completion time: 2019

塔吉克斯坦胡正特体育馆

建筑面积：11593m²
结构形式：框架结构、空间网架结构
钢构吨位：1800T
竣工时间：2013年

Khudzhand Stadium in Tajikistan

Construction area: 11,593m²
Structure type: Frame structure, space grid structure
Tonnage of steel structure: 1,800T
Completion time: 2013



新加坡宿舍

建筑面积：54800m²
结构形式：多层框架
钢构吨位：2200T
“M”型直立肋钢筋桁架楼承板应用40000m²

Singapore's Dormitory

Construction area: 54,800m²
Structure type: tier structure
Tonnage of steel structure: 2,200T
The application of "M" type up-right rib steel truss deck is 40,000m²



以色列ZACH物流仓库

ZACH Logistics

钢结构吨位：420T
围护面积：16000m²
竣工时间：2018年

Tonnage of steel structure: 420T
Enclosure area: 16,000m²
Completion time: 2018



圭亚那首都机场航站楼

Guyana International Airport Terminal

钢结构吨位：670T
围护面积：17280m²
竣工时间：2019年

Tonnage of steel structure: 670T
Enclosure area: 17,280m²
Completion time: 2018