SpaceTech Steel Construction
Your reliable partner in Space Frame steel Structure

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For more of our information, please visit www.spacotechsteel.com
Your partner when you want it all in space frame.

Home: About us

Since 1992, Space Frame production Base XuZhou now today is an internationally operating company and a proven specialist with the proven brand SpaceTech Steel for space frame products from China.

The company has formed a set of steel structure, space frame, Parts production; include design, production, installation, service in one integrated modern construction enterprise, over the years the company’s steel structure, space frame manufacture, installation, enterprise scale, technological processes and quality control is at the forefront of the same industry.

With qualification of

- Certificate of the National Research and Development base in heavy and large-span steel structures.
- Class A Design unit for specialized steel structure engineering
- First grade qualification for quality inspection of steel structure and steel spatial grid product

Approved by China Construction Metal Structure Association

Our overseas market includes Middle East, Africa, South America and Southeast Asia. Our core projects focus on sports facilities, factories, hangar, transportation facilities and civil building facilities.
Space Tech Steel Construction Co., Ltd

Products

- Space Frame steel structure Products
- Steel pipe
- Node Ball
- Cone
- High Tension Bolt
- Pins
- Sleeve Nuts
Equipments

Main Equipments space frame steel structure workshop:

Main Equipment:
- NC flame limited rotation 3-cutting-torch cutting machine
- NC flame cutting machine & plasma cutting machine
- seven-roller levelling machine
- box beam automatic production line
- edge planning and milling machine
- gantry movable NC 3D drilling machine
- movable NC planar drilling machine
- NC hydraulic shearing machine
- intersecting line cutting machine

7-Roller Leveling machine:
Thickness 8-32mm
Max Width 3600mm
Processing Length

18-m Planing & Milling Machine
Processing Thickness 6-150mm
Processing width 500-1100mm
18000mm

Gantry Movable NC 3D Drilling Machine
processing width 1000-2000mm
processing height 500-1500mm
max. length of workpiece:16000mm

NC Intersecting line Cutting Machine
Machining diameter 60-800mm
Machining Length 12000mm
Design-Engineering

The company has been in good cooperation and academic exchanges with universities and institutes such as TONGJI University and TianJin University, China Steel Structure Association.

Focus on Customer-Oriented technical solutions
Ensure all your technical problem solved with high efficiency

Software in use:
PKPM, SFCAD, 3D3S, MST, TEKLA STEEL, MIDAS, STAAD/CHINA.

International Code we are applying for:
European Standards
British Standards Institution (BS),
American Institute of Steel Construction (AISC)
International Building Code (IBC)
Chinese National Standard (GB)
Japanese Industrial Standards (JIS)
Korean Standards (KS)
Quality Control System

We make mechanical test, Chemical Component Analysis and None destructive testing for metallic materials, products. None destructive testing for Welding quality. Anti-corrosive coating inspection for steel structure.

- Insist the Principal of Quality First
- Strictly apply the regulation of the fabrication process and the Erection Process
- Strictly apply the regulation of quality control system and the standard
- Strictly quality control the process from material purchasing to Erection

The Third party inspection
Reference Projects build from Nuts and bolts

The principal we follow:
Optimal Design

Precise Manufacturing

Improved Construction & Endless pursuit for excellence

You Choose Us, You play safe
Experts in Space Frame steel structure
Sports center

BaiYin Sports Center
16134m² sports Center, include the space frame structure and pipe Truss structure, built in 2010.

YingKou Olympic Sports Center. Space frame and pipe truss structure. 7100m² built in 2012.
MianZhu Sports Center
26560m² Sports Center, Including the space frame and Roof panel, Builted in 2011
FenYi Sports Center 8950m² Built in 2011.
WeiFang 1780m² Sports Center with pipe truss structure and 9670m² curtain wall
Train Station

WeiFang Train Station project with 22000m² space frame and pipe truss structure. 8900m² curtain wall. Built in 2009
City Exhibition Center
Industry

Shipyards Vietnam

16636m² space frame and with 1650 ton steel structure include the roof system.
HaiMa Equipments Plant 16800m2 space frame and 1500ton steel structure with roof panel finish in 2012.
Spheric shell grid structure

Tian yuan chemical spheric shell grid structure

The project is located in Jinshan chemical Park, Shanghai, the construction is quadrangular pyramid spheric shell grid structure, diameter is 81.5m, developed area 12000m², roof panel use Fluorocarbon Single-layer color plate, type 750, thickness 0.6mm.
Sinopec Zhenhai Refining and Chemical Company Project

The project is located in, Jiangsu Province Ningbo city, the construction is quadrangular pyramid spheric shell grid structure, diameter is 85m, developed area 21000m², roof panel use Single-layer color plate, type 820B, thickness 0.6mm.
The four phase of the project the baiyanghe Power Plant (2*300MW)

steel structure project

The project is located in Guangdong Province zibo city. The project is a grid dome and construction is quadrangular pyramid double-layer spheric shell grid structure, diameter is 110m, developed area 16500 m², roof panel use Single-layer color plate, type 820, thickness 0.6mm.
Yangzi petrochemical logistics company φ 100 meters circular coal yard project

The project is located in Nanjing city. The project is a φ100 grid dome and quadrangular pyramid double-layer spheric shell grid structure, diameter is 105 m, developed area 16000 m², roof panel uses single-layer color plate, type 820, thickness 0.6mm.
CITIC Jiangyin port 2φ120 meters circular coal yard project
Large-span arch space frame project of dry coal shed project

Tong ling power plant phase six space frame

The project is located in, Anhui Province tong ling city, the construction is quadrangular pyramid cylindrical shell grid structure and bottom chord support. Span is110m, length 100m, floor area 11000m², roof panel use Single-layer color plate, typev125, thickness 0.6mm.

Finish date 2010 year

Design Institute: Shenzhen power planning & design Institute
Hainan Jinhai Pulp Paper Co., arch coal yard space frame

The project is located in Hainan city, the construction is quadrangular pyramid cylindrical shell grid structure and bottom chord support. Span is 85m, floor area 28000m², roof panel use Single-layer color plate, and thickness 0.6mm type 820B. Finish date 2012 year.
The original fuel two period of alumina expansion project

The project is located in Shanxi Province, the construction is quadrangular pyramid cylindrical shell grid structure and bottom chord support. The space frame have three Span and each span is 60m, floor area 28000m², roof panel use Single-layer color plate, and thickness 0.6mm type 820.
Guangdong Pinghai power plant dry coal shed project

First period of dry coal shed location is centre of coal yards B C about 330 km to sea. The construction is quadrangular pyramid structure, span 110m, the support on both sides each overhang 22.5m length 152m, distance of column is 12m, height of building 34m, floor area 23560 ㎡ roof panel use Single-layer color.

Anti-corrosion require: the space frame member use hot-dip zinc-galvanizing protect material surface and then Anticorrosive Paint

1. Primer paint: Zinc Rich Expoxy painting (1*75um)
2. Intermediate Painting: Expoxy with micaceous iron oxide painting (1*80)
3. Surface Painting: polyurethane (2*30um)

Design Institute: Guang dong power planning & design Institute
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