



H Beam C Channel Custom Prefabricated Steel Structure Warehouse Building

Our Product Introduction

for more products please visit us on baodupanel.com

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 10 Ton
- Price: \$30-70 square meter
- Packaging Details: In general, for steel structure, we use the steel frame packing to keep goods not to be broken. For sandwich panel and color steel sheet, we use the plastic packing. If the clients need special packing will according to their requirements.
- Delivery Time: 15-21 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 Square Meter/Square Meters per Month



Product Specification

- Product Name: H Beam And C Channel Custom Prefabricated Steel Structure Warehouse Building
- Warranty: 50 Year
- Installation: Engineer Guidance
- Purlin: C/Z Galvanized Steel
- Drawing Design: Customers' Request
- Window: Sliding Window, PVC Window Or Aluminium Window
- Application: Steel Fabricated House
- Design Style: Modern
- Eave Connection: Hot-dip Galvanized Twin Plate; expansion Bolts To Fix Tent
- Processing Service: Bending, Welding, Decoiling, Cutting,

Product Description

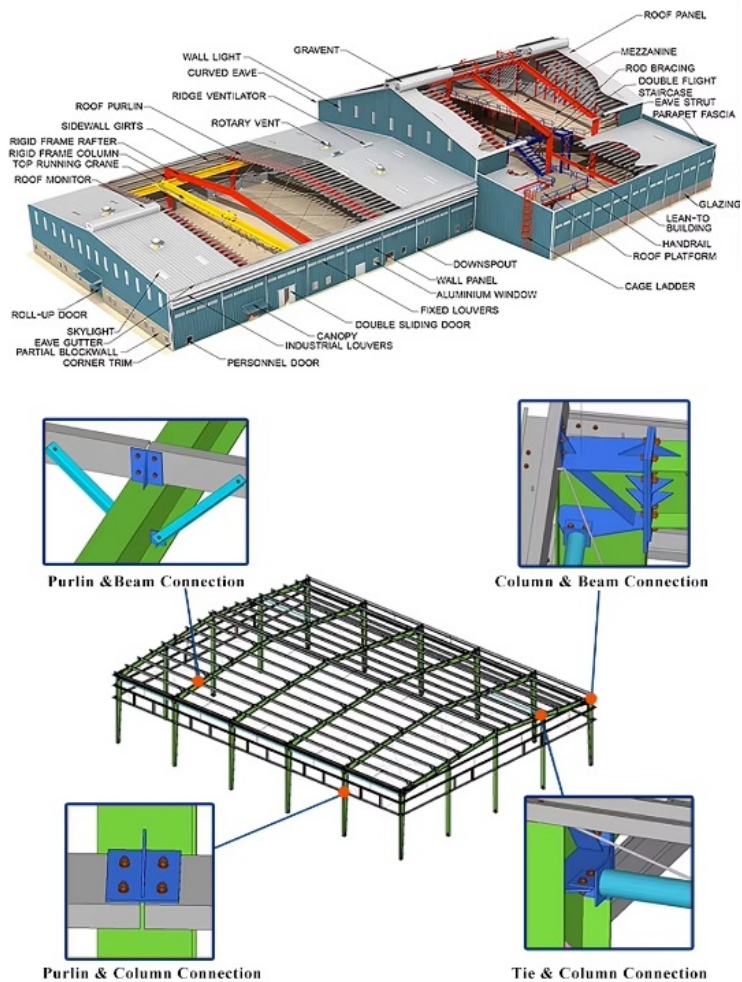
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Features:

Items		Specification
Main Steel Frame	Column	Q235, Q355 H section steel
	Beam	Q235, Q355 welded H section steel/hot-rolled H section steel
Secondary Frame	Steel purlin	Q235 C/Z section purlin or square tube
	Knee brace	Q235 Angle steel
	Tie Rod	Q235 Circular Steel Pipe
	Brace	Q235 Round Bar
	Vertical and Horizontal Support	Q235 Angle Steel, Round Bar or Steel Pipe
Maintenance system	Roof panel	EPS Sandwich Panel / Glass Fiber Sandwich Panel / Rock Wool Sandwich Panel / Pu Sandwich Panel /Steel Sheet
	Wall panel	Sandwich Panel / Corrugated Steel Sheet
Accessories	Door	Sliding Sandwich Panel Door / Rolling Metal Door
	Window	Aluminium Alloy Window / PVC Window / Sandwich Panel Window
	Rainspout	PVC
Live load on Roof		In 120kg/Sqm (Color steel panel surrounded)
Wind Resistance Grade		12 Grades
Earthquake-resistance		8 Grades
Structure Usage		Up to 50 years
Finishing Options		Vast array of colors and textures available
Paint Options		Alkyd painting, two primary painting, two finish painting (Primer, Medium paint, top coat, epoxy zinc etc.) or galvanized.

The steel structure is a load-bearing structural system mainly composed of steel materials, which is constructed through methods such as welding and bolt connection. It is composed of core components such as steel beams, steel columns, steel trusses, and steel plates. Its cross-section forms are diverse. For example, the I-shaped steel beam can bear lateral loads, the square steel column supports vertical loads, and the steel truss is suitable for the large-span roof structure. As the core framework of modern buildings, the steel structure is renowned for its high strength, light weight, and modular design. It is an ideal choice for high-rise buildings, industrial factories, and bridge engineering.

Technical Parameters:



Drawing Design

We need the following information to make a design for you: the specifications and use of the steel building, thermal and lighting conditions, window and door requirements, wind/snow load, and whether it has a crane.

- 1 Location (where will be built?) _____country, area
- 2 Size: Length*width*height _____mm*_____mm*_____mm
- 3 wind load (max. Wind speed) _____kn/m², _____km/h, _____m/s
- 4 snow load (max. Snow height) _____kn/m², _____mm
- 5 anti-earthquake _____level
- 6 brickwall needed or not If yes, 1.2m high or 1.5m high
- 7 thermal insulation If yes, EPS, fiberglass wool, rockwool, PU sandwich panels will be suggested; If not, the metal steel sheets will be ok. The cost of the latter will be much lower than that of the former.
- 8 door quantity & size _____units, _____(width)mm*_____ (height)mm
- 9 window quantity & size _____units, _____(width)mm*_____ (height)mm
- 10 crane needed or not If yes, _____units, max. Lifting weight _____tons; Max. Lifting height _____m.

Models Design

Our company offers full design and detailing services to every customer.(PKPM, AutoCAD, Tekla).And our design team turns your requirements into clear drawings, offer 3D drawings for installation guidance, and ensures every detail is easily understandable.

We have our own independent architectural design and research institute, with strong design strength and professional design team, and several experts with senior design experience. Technical consultants and technical guides are well-known Chinese structural experts, professors, and national design masters. Working with us can provide you with a unique opportunity to bring a dedicated design team to your project to ensure the highest quality design solutions.

After years of improvement and customer experience, our process ensures that each building is completed in accordance with your needs and expectations.

We can provide :

1.Customization Service

We have a professional design team about 20 people, with 10 years design experience. We can meet your individual needs.

And multi-type steel components, roof and wall panels, doors and windows for choosing.

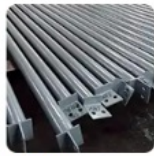
Products materials



Embedded bolts
for foundation



Structure frame
for columns or
beams



Bracing material



Connected plate



Purlin



Cladding material
1 - steel sheet



Cladding material
2 - EPS panel



Cladding material
3 - glass wool panel



Cladding material
4 - rock wool panel



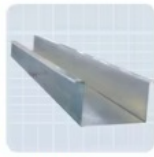
Door option
1 - sliding door



Cladding material
2 - rolling door



Aluminum window



Water gutter



Water pipe



Sealing mater



Ventilation
equipment on roof



FRP panel for
lighting



Bolts



Steel decking



Stair (if neede

2. Strict Quality Inspection

With good quality steel material, we have AWS-D1.1/D1.5 welding quality system and professional CWI welding inspector to ensure high quality of the product.

3. Shortest Delivery Time

We have 2 modern factories and 3 production lines with a total area of 150000 square meters to produce. We guarantee a warehouse of 5000 square meters and delivery within 30 days.

4. Production Visualization

We can provide you with picture, video information of all production links, from raw materials to steel processing, the whole process of visual production. You can even video call us to watch workshop production.

5. Packing and Delivery

Container and pallet packing will protect the surface paint or zinc of the steel structures. In order to facilitate your installation, we will mark each component in sequence according to the drawings.

6. Installation Guide

Installation instruction and video will be provide, we can also send our engineers to your site as installation guide, they will teach your people how to build project.

Installation scene:



1. Choose steel plate, quality inspection after the start of the material



2. Distinguish the steel plate material, waiting for cutting



3. According to the drawing specification, laser cutting into the corresponding component size



4. Drill holes into some steel plate parts



5. The steel plate was shot blasted to remove rust



6. Start assembling the steel plate and spot welding it



7. Fully welded steel plate, perfect weld ensures the strength and beauty of steel structure



8. Inspect welded steel structure, prepare for galvanizing or painting



9. Spray paint and galvanize steel structure according to technical requirements of drawings



10. Spray paint and galvanize steel structure according to technical



11. Steel structure construction finished effect



12. Exterior wall insulation system construction effect

THREE ways to help you on the installation:

1. We can offer you the manual include the photos and drawings, or some videos for help you on the installation. And you will organize the local people to install it. 93% of our clients finished their houses in this way.

2. We can send our people to your site to guide your people to install. Or send team people (3-5 people) to your site to install for you. This way is most easy way, but you need to pay their round-way tickets, local food, accommodation, transportation, communication and salary, and also their security on the site. Almost 5% of our clients choose this way. And in the normal we will require the order should be more than 100000USD.

3. You can send your people (engineers or the technician) to our co- mpany to study the installation details. 2% of our clients choose this way for their orders.

Strict Quality Inspection Standards



Excellent product quality is our eternal pursuit, and it is also the fundamental reason for us to base ourselves on the global market. BAODU GROUP implements whole-process quality management and strictly supervises every process such as raw material supply, engineering design, steel component manufacturing, installation and construction.

We have established a professional team of quality inspection engineers, introduced internationally leading quality inspection equipment such as German GS1000 vacuum spectrometer and high-frequency infrared carbon sulfur analyzer, established a high-quality product inspection room, and won many awards from China's advanced quality management unit.

In addition, we support testing and certification by SGS, TUV, BV.

Applications:



**MULTI-STOREY BUILDING
IN PHILIPPINES**



**HEAVY WORKSHOP
IN AUSTRALIA**



**STEEL WAREHOUSE
IN GERMANY**



**STEEL BUILDING
IN ZIMBABWE**



**FACTORY WAREHOUSE
IN MALAWI**



**SHOPPING MALL
IN PHILIPPINES**



**PREFABRICATED SHED
IN CANADA**



**PREFAB WAREHOUSE
IN CANADA**



**METAL WORKSHOP
IN INDONESIA**

Steel structure buildings serve a wide range of purposes, including warehouses, workshops, factories, cold storage facilities, high-rise buildings, shopping malls, power plants, distribution centers, pedestrian bridges, steel-structured hotels, prefabricated public schools, sports arenas and halls, car parking centers, airplane hangars and aviation facilities, church buildings and community centers, poultry farms, agricultural buildings and barns, storage sheds, self-storage buildings, greenhouses, garages, commercial buildings, industrial facilities, and much more.

Project Cases:



Gas Turbine Combined Cycle Power Station Expansion Project in Basra Iraq



Clean Coal Fired Power Plant Phase I (4x600mw net) Project in Hasyan Dubai

Our capacity and certification:





Support and Services:



1. We have a group of professional engineers, most of whom has more than 20 years experiences in architecture field. our company has got a various of experiences in design, manufacture, installation and so on. The work staff have excellent skills. Some of them had helped customers to install the warehouse around the world.
2. We will offer one stop service. construction drawing, calculation sheet will be offered to help you get construction permit. Foundation design could be free made if you need. We could make 3D drawings to show the view. What's more, Installation drawings will be offered and Steel structure column, beams will be marked number on it to help you install.
3. We will send you extra bolts, purlins, panels incase any damage when install.
4. Efficiency is our pursuit. Every inquiry ,emails will be replied immediately. Every questions will be paid high attention.
5. We also have possessed more than 40 sets of large precise and domestically advanced processing equipments, including large gantry planing machines, automatic submerged arc welding machines, assembling machines, slitters, shot blasting machines and soon.

6. We will offer details packing list for every container when load so it will be easier to unload.

7. "Moral personality decides product quality." is our guarantee to the products. "Customers come first." is our everlasting pursuit. Believe your choose, we'll give you a satisfied answer.

Company profile:

Baodu International Advanced Construction Material Co., Ltd was established in January 2010 with the office in Beijing and factory in Hebei, China. Baodu is a designer, manufacturer, supplier and exporter of industrial noise comprehensive treatment, steel structure, sandwich panel and prefab house. Baodu has an annual output of 6 million square meters of acoustic sandwich panels, 100000 tons of steel structures and 1 million square meters of floor decking sheet. The products are sold in more than 30 countries and regions around the world. Baodu has a professional design team with more than 10 years' experience, including 5 senior engineers, 20 engineers, and 35 technicians. Baodu has several energy saving and environment protection intellectual property rights, construction and environment protection design qualification, CE certification and Russian GOST certification etc. Baodu participated in the military parade village project for the 60th anniversary of China and project of Beijing Daxing International Airport. Under the guidance of China's "one belt, one road" strategy, Baodu has also undertaken overseas projects such as the project of Thar, Pakistan coal fired power plant, Hasyan Dubai power plant and so on. Finally, welcome your coming to Baodu for a visit and cooperation!

Packing and Shipping:



1. Steel components are packaged with iron pallets at the factory with the coding number, which is convenient for customers to unload; small steel structures are bundled with iron wires and hung with tags.
2. Fasteners are packed in wooden cases
3. The upper layer of the color-coated roof and wall panel is covered with plastic film, and the maintenance edge is wrapped with plastic film and labelled.
4. Container type: 40ft HC, 40ft OT, 20ft GP
5. Mode of transportation: sea, air, inland transportation

FAQ:

- 1) Is your company a factory or trade company? We are factory, so you can get the best price and competitive price.
- 2) What's the quality assurance you provided and how do you control quality? Established a procedure to check products at all stages of the manufacturing process - raw materials, in process materials, validated or tested materials, finished goods, etc.
- 3) Do you offer guiding installation on site overseas for warehouse building? Yes, we can provide the service of installation, supervision and training by extra. We can send our professional technical engineer to supervise installation on site overseas. They have succeeded in more than 50 countries, such as Algeria, Ghana, Ethiopia, Nigeria, Philippines, Angola, Mauritius, Papua New Guinea, USA, Australia, Uganda, Netherlands etc.
- 4) What is your main market? Guided by global field of vision, our products have been exported to 130 countries and regions with its good quality and good service, such as Asia, Europe, Oceania, Asia, Africa, North and South America, Latin America and other regions, achieving sustained and stable cooperation.
- 5) How to pack the products? A: We use standard package. If you have special package requirements, we will pack as required, but the fees will be paid by customers.

Dear Customer

If you have drawings, welcome to share drawings with us, quotation will be done based your drawings. Our excellent design team will design the steel structure workshop warehouse for you. If you give the following information, we will give you an satisfactory drawing.

1 Location (where will be built?) which country? which city?

2 Size: Length*width* Eave height ____mm*____mm*____mm

3. wind load (max. Wind speed) _____kn/m2, _____km/h, _____m/s

4 snow load (max. Snow height) _____kn/m2, _____mm, temperature range?

5 anti-earthquake _____level

6 brickwall needed or not If yes, 1.2m high or 1.5m high? or other?

7 thermal insulation If yes, EPS, fiberglass wool, rockwool, PU sandwich panels will be suggested; If not, the metal steel sheets will be ok.
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10 crane needed or not If yes, _____units, max. Lifting weight_____tons; Max.Lifting height _____m



Baodu International Advanced Construction Material Co., Ltd.



+86 13717927965



chunlei.song@baodu.com



baodupanel.com

Room 1101, Building 6, Yard 9, Hongye Road, Daxing District, Beijing