# Structural Prefabricated Metal Warehouse Construction Building Eco Friendly

# **Basic Information**

• Place of Origin: Hebei,China BAODU • Brand Name: ISO9001,CE · Certification: Model Number: Steel Warehouse • Minimum Order 300square meters Quantity: • Price: \$30-45square 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: 30days • Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram • Supply Ability: 100000 Square Meter/Square Meters per Month



# **Product Specification**

Product Name:	Prefabricated Warehouse Steel Structure Workshop Industrial Cheap Prefab Cheap Price Structural Steel Construction Building Prefabricated Prefab Warehouse Steel StructureWarehouses With Factory Price
Warranty:	50 -100 Year
Installation:	Engineer Guidance
Processing Service:	Bending, Welding, Decoiling, Cutting, Punching
Environmental Impact:	Eco-friendly
• Frame:	Weld Steel Structure Frame
<ul> <li>Installation Guide:</li> </ul>	Installation Drawings And Video
Bracing:	Round Bar/Angle Steel/Steel Rod
Design:	SAP2000/AutoCAD /PKPM /3D3S/TEKLA

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# Features:



	Material list
Project sample	Steel structure warehouse
Building size	Such as 78*30*8.5 m/ customized
	Main steel structure
Steel column	H(300-550)*200*6*10 mm , steel Q345
Steel beam	H(300-550)*180*6*8 mm, H 300*180*6*8 mm,steel Q345
	Second steel structure
Roof purline	C180*75*50*2.5 mm
Wall purline	C180*75*50*2.5 mm
Cross support	20 round steel bar, steel Q 235
Column bracing	20 round steel bar, steel Q 235
Angle brace	L 50*4 Angle steel , steel Q 235
Tie bar	89*3 mm, steel Q235

	Roof and wall panel
Roof panel	50/80/100/120/150/200 mm sandwich panel (EPS, PU, Rock wool, Glass wool)
Wall panel	50/75/100/120/150/200 mm sandwich panel (EPS, PU, Rock wool, Glass wool)
Rolling up door	Automatic rolling up door
Single wing door	Sandwich panel door
Window	Aluminum/ PVC sliding window with single glass
Fittings	Glass adhesive, self-tapping screw, etc
	Other fittings
Embedded	M 24 steel Q 235, process
Intensive bolt	Grade 10.9
Ordinary bolt	Grade 4.85

# **Technical Parameters:**



### **Products materials**



equipment on roof

Bolts

Stair (if neede

Baodu Steel Structure is the professional manufacturer of Steel Structure Warehouse, Workshop, Pre-engineered building. Preengineered steel structure warehouse is steel structure built over a structural concept of primary members, secondary members, roof and wall sheeting connected to each other and various other building components. These buildings can be provided with different structural and non-structural additions such as skylights, wall lights, turbo vents, ridge ventilators, louvers, roof monitors, doors & windows, trusses, mezzanine floors, fascias, canopies, crane systems, insulation etc., based on the customer's requirements.

#### Roof and wall project system

The roof and wall system plays a vital role in protecting your structure from environmental factors like wind, rain, and temperature fluctuations. With advanced insulation and weatherproofing, our systems ensure durability and energy efficiency.

#### Main Steel Frame

At the core of every steel structure is the main steel frame, which provides the strength and stability necessary to support the entire building. Our frames are designed for durability, ensuring that your structure can withstand even the most demanding conditions.

#### Other Materials

Every steel structure project requires a range of additional materials to ensure its functionality and performance. From accessories to safety-enhancing features, we offer everything you need to complete your structure.

**Steel Building Process:** 









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.

### **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.

### Our capacity and certification:





Support and Services:





Why Choose Our Steel Structure Factory Buildings?

Our industrial steel structures are engineered for maximum efficiency, cost-effectiveness, and long-term durability.

1. Large-Span, Column-Free Interiors

- · Eliminates obstructive columns, allowing flexible production layouts.
- 2. High-Strength Steel Framework
- · Built with Q355/Q235 high-strength steel, ensuring superior load-bearing capacity.
- 3. Fast Construction & Cost Efficiency
- Prefabricated components reduce installation time by 40%-60% compared to concrete buildings.
- 4. Energy-Efficient & Climate-Resilient
- · Integrated ventilation, skylights, and air circulation systems ensure a comfortable work environment.
- 5. Customizable & Scalable Solutions
- Designed for multi-story expansion, incorporating mezzanines, crane beams, and fire-resistant materials.

### **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:**



Packaging Details :

Steel structure components will be in packaging with proper protection.
 Sandwich panels will be covered with plastic film.

3.Bolts and other accessories will be loaded into wooden Boxes

All the structure components, panels, bolts and sorts of accessories will be well packed with standard package suitable for ocean transport and loaded into 40'HQ.

All the products are loaded at the loading site of our factory using crane and forklift by our skilled workers, who will prevent the goods to be damaged.

Good relationship with many vessel companies to make sure the transportation smooth



Baodu International Advanced Construction Material Co., Ltd.

