



Large Span Modern Design Warehouses Building Steel Structure Prefabricated Workshops & Plants for Sale

Our Product Introduction

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: Discussible
- Price: Reasonable
- 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



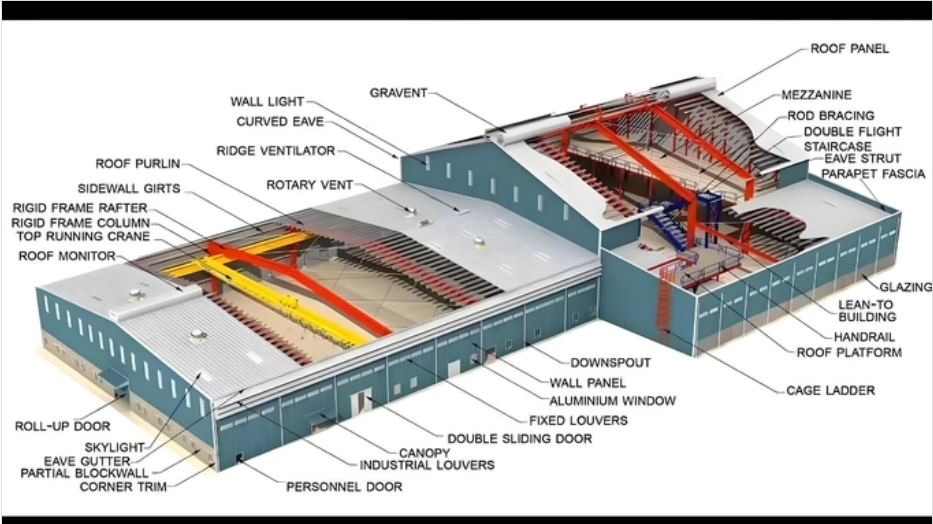
Product Specification

- Product Name: Large Span Modern Design Warehouses Building Steel Structure Prefabricated Workshops & Plants For Sale
- Keyword: Steel Structure Building Warehouse
- After-sale Service: Online Technical Support
- Material: Q235/Q345 Steel
- Structure: Steel Structure Frame Welded
- Roof Cladding: EPS/Rockwool/Fiberglass Wool/PU Sandwich Panel Or Steel Sheet
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Using Life: More Than 50 Years
- Door: Rolling Door Or Sandwich Panel Door
- Window And Door: PVC/ Aluminum
- Highlight: **large span prefab steel warehouse, modern design steel structure workshop, prefabricated industrial plant with warranty**



Large Span Modern Design Warehouses Building Steel Structure Prefabricated Workshops & Plants

A steel structure industrial building is a modern construction where the primary load-bearing framework is made of structural steel components, such as columns, beams, and trusses. It represents the predominant choice for factories, warehouses, workshops, and logistics centers due to its superior strength, efficiency, and versatility compared to traditional concrete or masonry structures.



Key Features & Structural System

Primary Framework:

- Columns: Hot-rolled H-section steel or welded box sections that provide vertical support.
- Beams: Typically H-sections or I-beams that span between columns, supporting the roof and floors.
- Roof Trusses/Purlins: Trusses or lighter purlins (C/Z-sections) that support the roof covering.
- Wall Girts: Horizontal members attached to columns that support the wall cladding.

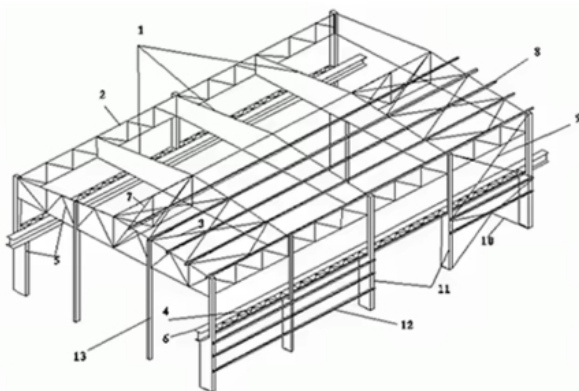
Secondary Elements:

- Roof and Wall Cladding: Corrugated steel sheets, sandwich panels (for insulation), or other composite materials.
- Bracing Systems: Diagonal steel rods or cables that provide stability against lateral forces like wind and earthquakes.

Connections:

High-strength bolts and welding are used to connect all components, ensuring a robust and integrated structure.

Technical Parameters



1- Roof truss	2- Bracket	3- Horizontal support for upper chord	4- Brake truss	5- Horizontal plane frame
6-Crane beam	7-Vertical support	8- purlin	9-10 column support	11-Frame column
12- Wall frame beam	13- Gables, Wall Frame Columns			

If you are interested in our steel structure, please provide the following information:

- Location (where will be built?) ____ country, area
- Size: Length*width*height ____mm*____mm*____mm
- Wind load (max. Wind speed) ____kn/m2, ____km/h, ____m/s
- Snow load (max. Snow height)____kn/m2, ____mm
- Anti-earthquake ____level
- Brickwall needed or not If yes, 1.2m high or 1.5m high
- 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.
- Door quantity & size ____units, ____ (width)mm* ____ (height)mm
- Window quantity & size ____units, ____ (width)mm* ____ (height)mm
- Crane needed or not If yes, ____units, max. Lifting weight____tons; Max. Lifting height ____m.

Applications



Steel structure warehouse



Steel structure factory building



Steel structure building



Steel structure garage/hangar



Steel structure house



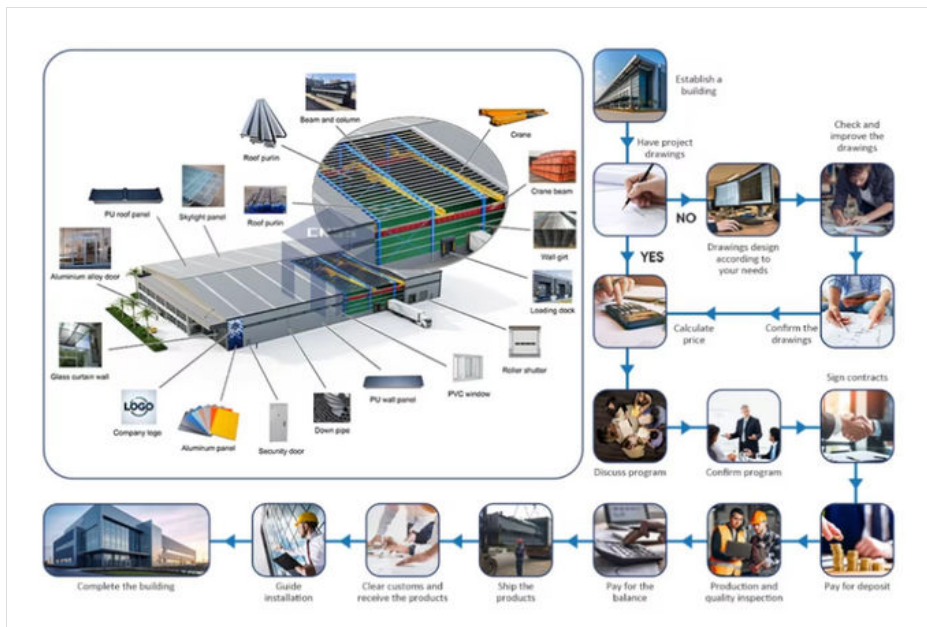
Steel structure livestock house

Wide Range of Applications

Steel structure buildings are versatile and suitable for various industrial and commercial uses:

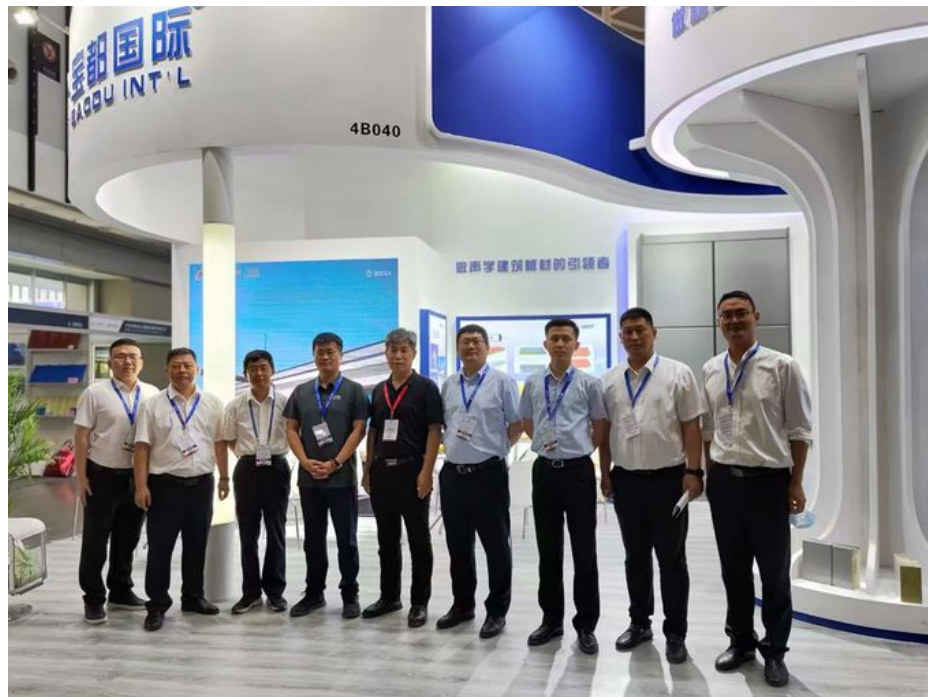
- Manufacturing Facilities: Automotive plants, machinery workshops, food processing plants.
- Warehouses & Logistics Centers: Distribution hubs, cold storage, bulk storage facilities.
- Aircraft Hangars: Requiring very large, clear-span areas.
- Power Stations & Substations
- Agricultural Buildings: Large barns, storage silos, and processing facilities.
- Retail Outlets & Superstores (Big-Box Stores)

The Construction Process



- **Design & Engineering:** Creating detailed architectural and structural drawings, including calculations for loads and connections.
- **Fabrication:** Cutting, welding, and drilling steel components in a controlled factory environment based on the design.
- **Site Preparation & Foundation:** Excavation and pouring of concrete foundations, often with embedded anchor bolts.
- **Erection:** Assembling the primary steel frame (columns, beams), followed by the secondary elements (purlins, girts).
- **Enclosure:** Installing the roof and wall cladding systems, along with insulation.
- **Finishing:** Adding doors, windows, ventilation systems, skylights, and interior finishes.

Support and Services



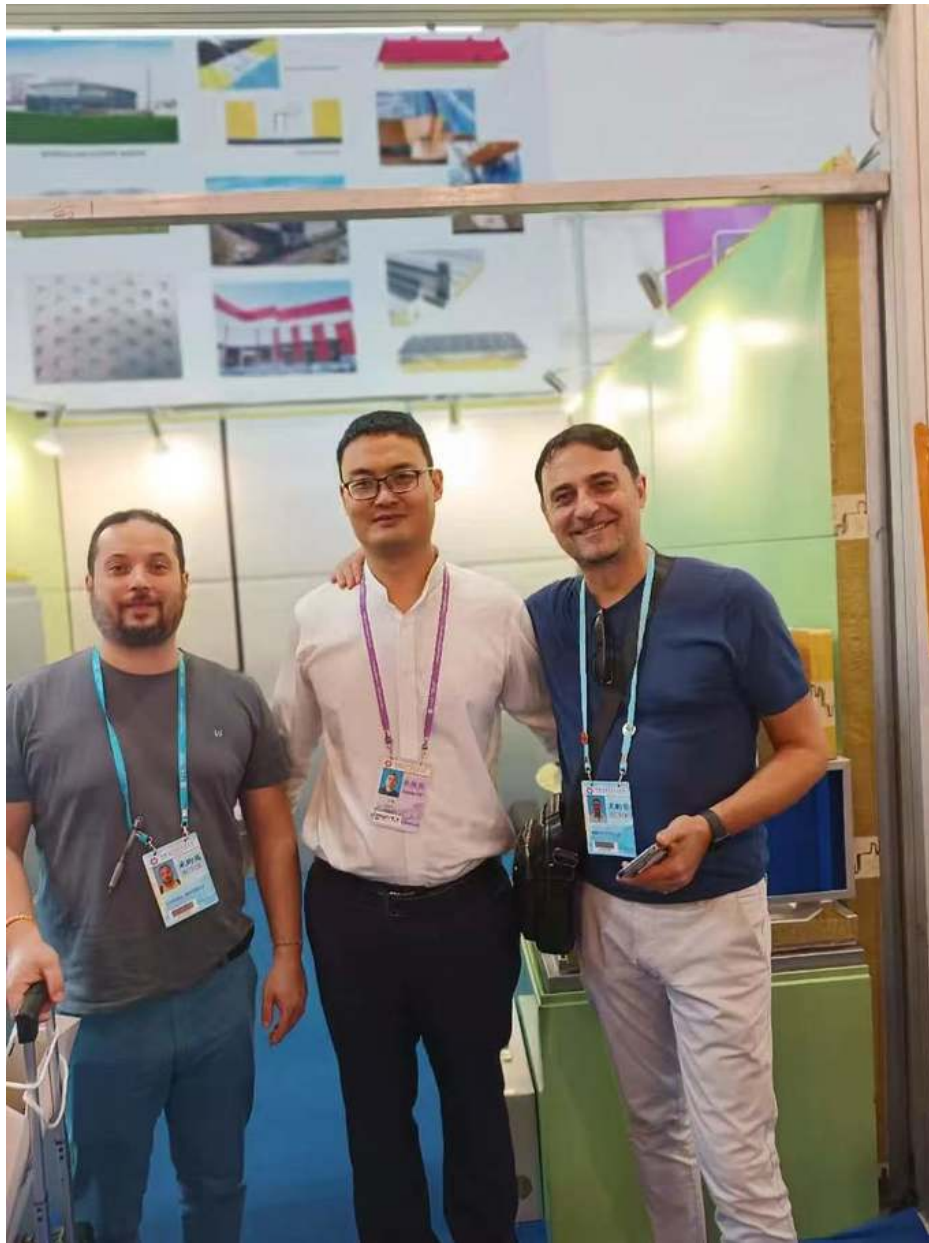
Construction Support Services



Technical Support Services



Quality Assurance Process



Project Management Services

We partner with clients from concept to completion, ensuring seamless execution:

Consultation & Design

- BIM-compatible 3D modeling and finite element analysis (FEA) for precision engineering
- Customized drawings and calculations tailored to local regulations

Fabrication & Quality Assurance

- CNC machining, robotic welding, and ultrasonic testing for component accuracy
- ISO 9001-certified production with Mill Test Certificates (MTCs) for all materials

Logistics & On-Site Support

- Expert packaging and shipping globally, with support for complex logistics
- Detailed erection manuals and optional on-site technical supervision

Packing and Shipping



Product Packaging:

Our Prefab Steel Warehouse is carefully packed to ensure safe delivery. Each component is securely wrapped and palletized to prevent any damage during transit. Detailed assembly instructions are included for easy setup.

Shipping:

We offer worldwide shipping for our Prefab Steel Warehouse. Shipping costs may vary depending on the destination and order quantity. Please contact our customer service team for a shipping quote and delivery timeline.

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!

Why Choose Us?

- **25+ Years of Expertise:** Proven track record in delivering projects across 50+ countries
- **Cost & Time Efficiency:** Pre-engineered components reduce construction time by up to 40%
- **Comprehensive Warranty:** 25-year structural warranty and lifelong technical support



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