

Prefabricated Metal Barns Customized Steel Structure Building Modular Prefab Industrial Metal Frame Hangar Workshop Warehouse

Our Product Introduction

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 10 Ton
- Price: \$30-45/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: 30 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: Prefabricated Metal Barns Customized Steel Structure Building Modular Prefab Industrial Metal Frame Hangar Workshop Warehouse
- Warranty: 50 - 100 Year
- Main Frame: Welded H Steel Beam, Steel Truss
- Installation: Engineer Guidance
- Surface Treatment: Painting Or Galvanized
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Application Fields: Warehouse, Factory, Steel Structure Building
- Secondary Frame: C&Z Purlin, Brace
- Place Of Origin: Hebei, China
- Dimension: Customized
- Highlight: **customized prefab steel warehouse, modular metal barn building, industrial steel frame hangar**

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Product Description

Modern Prefabricated Steel Structure Building Light Weight Economical Shopping Mall Warehouse Workshop

Are you grappling with budget overruns, project delays, or the complexities of international sourcing for your construction projects? Sourcing high-quality steel structures that meet stringent global standards can be a significant hurdle.

We are here to simplify the process. We are more than a manufacturer; we are your strategic partner, delivering comprehensive, custom-engineered steel building solutions from concept to completion.

What is a Pre-Engineered Steel Factory Building?

A Pre-Engineered Building (PEB) is a structure fabricated entirely from steel, where all components are designed and manufactured in a controlled factory environment. These components are then shipped to your site for rapid assembly. This method revolutionizes traditional construction, offering significant advantages in time, cost, and design flexibility for industrial applications.

1. Unmatched Durability & Safety:

High-Grade Materials: Fabricated from structural steel conforming to international standards. Primary frames are typically I-beams for maximum strength-to-weight ratio.

Superior Corrosion Protection: Components are shot-blasted and primed. We offer hot-dip galvanizing or advanced paint systems for exceptional resistance to rust, moisture, and harsh industrial environments.

Structural Integrity: Designed to withstand extreme loads, including heavy machinery vibrations, high winds, seismic activity, and substantial snow accumulation, ensuring the safety of your assets and personnel.

2. Exceptional Cost & Time Efficiency:

Rapid Construction: As components are pre-cut, pre-drilled, and pre-welded, on-site assembly is like a "bolt-together" kit. This can reduce construction time by up to 50% compared to conventional methods, allowing you to start operations sooner.

Lower Overall Cost: Reduced labor costs, minimal material waste, and lighter foundation requirements lead to significant savings on the total project investment.

3. Design Flexibility & Column-Free Space:

Large Clear-Spans: Our designs can achieve wide clear-spans (e.g., 60m to 150m+) without internal columns. This creates vast, unobstructed floor space ideal for production lines, storage racks, and efficient material handling.

Easy Future Expansion: The modular nature of PEBs makes future lengthwise or end-wall expansions straightforward and cost-effective.

Customizable Features: We accommodate various eave heights, roof slopes, bay spacing, and accessories like mezzanine floors, crane systems (top-running or under-hung), and multiple door/window placements.

4. Low Maintenance & Energy Efficiency:

Minimal Upkeep: Steel structures do not rot, warp, or attract pests. The high-quality finishes require minimal maintenance over their long lifespan.

Insulation Options: We provide a range of insulated wall and roof panels (with rock wool or PIR foam) to improve thermal efficiency, reducing heating and cooling costs and creating a more comfortable working environment.

Our End-to-End Service Package:

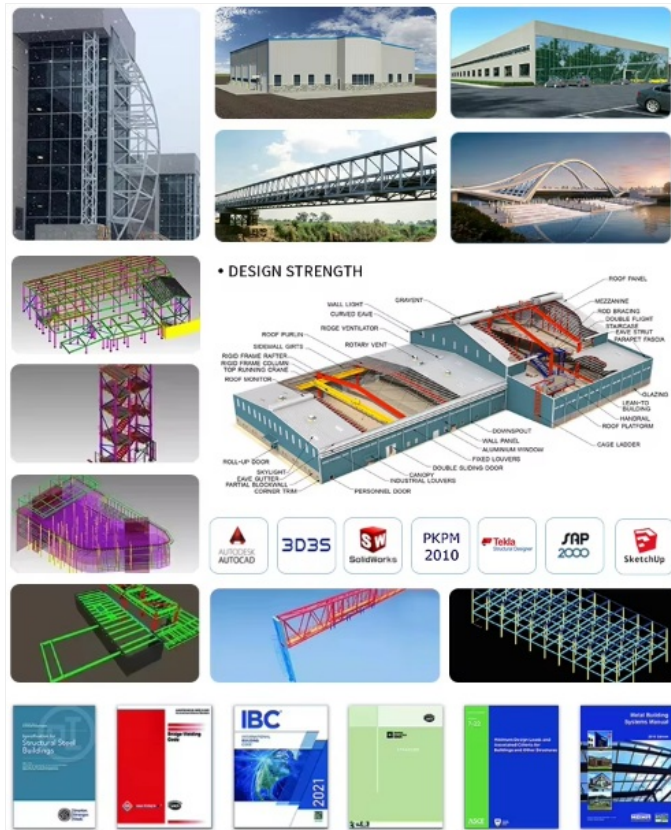
Consultation & Design: We work with you to understand your needs and create customized design drawings using advanced software, ensuring compliance with your local building codes.

Fabrication & Quality Control: All components are manufactured in our ISO 9001-certified facility under strict quality control, with Material Test Certificates provided.

Packaging & Shipping: Components are neatly bundled, crated, and clearly marked for easy identification and efficient on-site assembly. We handle all export documentation.

Technical Support: We provide detailed erection drawings and manuals. On-site technical supervision can be arranged if required.

Technical Parameters



Quotation Information Required:

Project progress and government licensing status

Intended usage (warehouse, workshop, etc.)

Location and local climate conditions

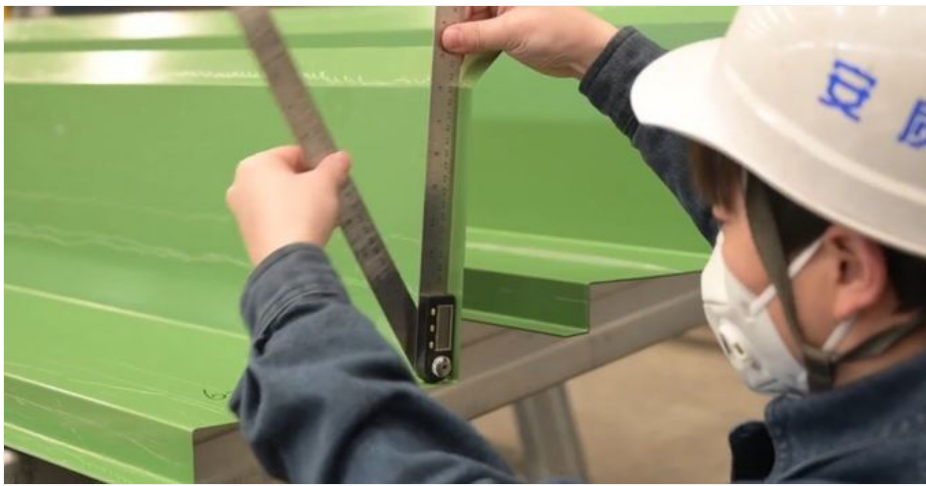
Design requirements and dimensions

Crane beam requirements

Roof and wall panel specifications

Window and door requirements

Quality Assurance



We implement whole-process quality management with professional inspection engineers and advanced equipment including German GS1000 vacuum spectrometer. Our quality management has won multiple awards in China.

Applications







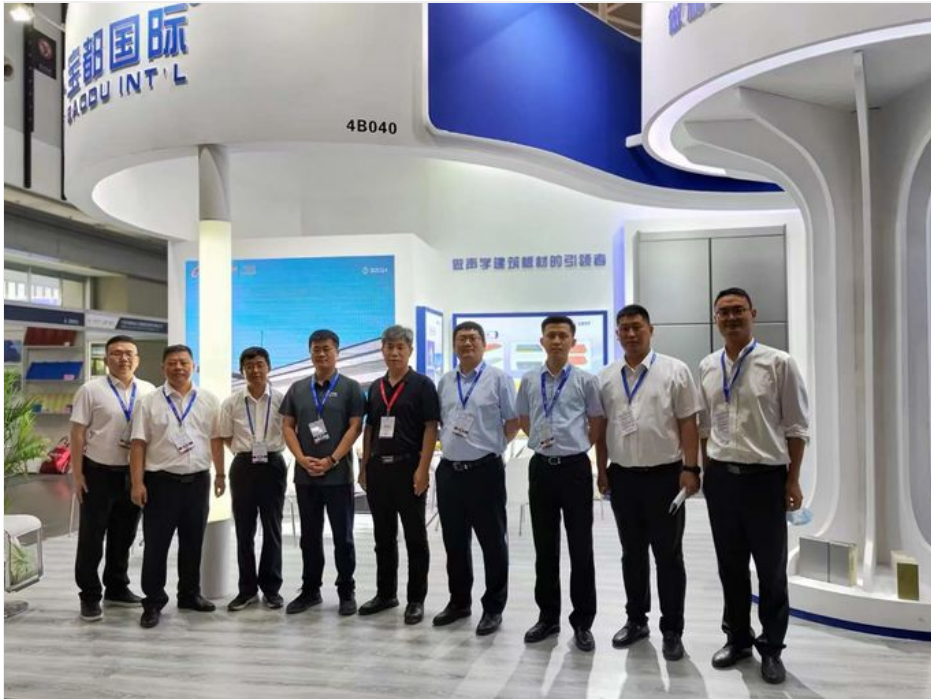
Application Type	Examples
Industrial plant steel structure	Manufacturing plants, assembly workshops, warehouses, cold storage
Commercial steel structure	Shopping malls, supermarkets, schools, exhibition halls
Farm Steel Structure	Food warehouses, vegetable storage, wine warehouses
Livestock steel structure	Animal sheds, poultry houses
Logistics steel structure	Sorting warehouses, classified storage, bonded warehouses
Temporary buildings	Shelters, rescue centers, quarantine facilities
Transportation structures	Airport terminals, railway stations, subway stations
Bridge steel structure	Various bridge types including suspension and cable-stayed

Company Profile

Baodu International Advanced Construction Material Co., Ltd was established in 2010 with offices in Beijing and factory in Hebei, China. We specialize in steel structures, sandwich panels and prefab houses with annual output of 100,000 tons of steel structures.

Our professional team includes 5 senior engineers and 20 engineers with over 10 years experience. We have participated in major projects including Beijing Daxing International Airport and overseas power plants in Pakistan and Dubai.

Exhibitions and Customer Visits







Packing and Shipping







Steel structure components with proper protection packaging

Sandwich panels covered with plastic film

Bolts and accessories loaded into wooden boxes

All products packed for ocean transport in 40'HQ containers

Professional loading using cranes and forklifts

Frequently Asked Questions

Manufacturer or trader? We are the manufacturer with factory visits welcome.

Price competitiveness? We offer best price/quality ratio in the market.

Installation support? We provide detailed instructions and optional on-site engineers.

Quality inspection? Third-party inspectors welcome during production.

Design services? Full design solutions available using professional software.

Delivery time? Typically 30 days after deposit to nearest Chinese seaport.

Quotation process? Contact us via multiple channels for prompt response.



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