



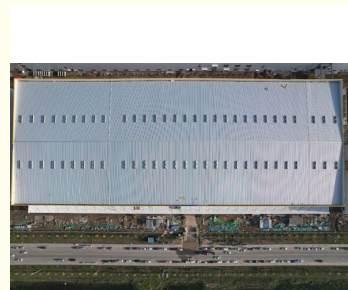
Pre-manufactured steel frame components field installation factory building food-processing plant stock warehouse transit logistics station

Our Product Introduction

for more products please visit us on baodupanel.com

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Model Number: Poultry Farming house
- 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: 20days
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,
- Supply Ability: 100000 Square Meter/Square Meters Per Month

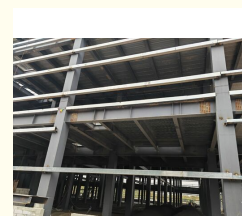


Product Specification

- Product Name: Pre-manufactured Steel Frame Components
Field Installation Factory Building
Food-processing Plant Stock Warehouse
Transit Logistics Station
- After-sale Service: Online Technical Support
- Surface Treatment: Hot Dip Galvanised
- Lifespan: 20 Years
- Door: Sliding Door, Rolling Door
- Loading: 40HQ, 20GP
- Certificates: ISO 9001, CE
- Transport Package: Standard Sea Worthy Package
- Wallmaterial: Steel Panels/Insulated Panels/Brick
- Transport And Load: Container Shipment
- Wall And Roof: Steel Sheet, Sandwich Panel
- Structuretype: Frame
- Loadcapacity: Customizable (e.g., 1-10 Tons/m²)



More Images



Product Description

Pre-Manufactured Steel Frame Building Components

Complete field installation solutions for factory buildings, food-processing plants, stock warehouses, and transit logistics stations.

Product Overview

Our **pre-manufactured steel frame building** utilizes full factory prefabricated component production, with all steel frames, support structures, and enclosure accessories precisely pre-processed in the factory for rapid on-site assembly. Unlike traditional on-site pouring and welded construction, our steel structures achieve standardized pre-manufacturing, simplified field installation, shorter construction cycles, and stable overall quality.

Designed for three core industrial applications: **food-processing plants, stock warehouses, and transit logistics stations**, this versatile steel building integrates hygienic production, safe material storage, and efficient logistics transfer functions. Optimized with food-grade hygienic design, constant-temperature insulation structures, and professional logistics layouts, the building fully meets strict sanitation standards, bulk storage safety requirements, and rapid transfer operation needs.

Core Product Features

- Professional Anti-Ammonia & Anti-Corrosion Performance:** Main steel frames feature thickened hot-dip galvanized anti-rust treatment, achieving industrial C4 anti-corrosion grade to resist long-term erosion from harsh environments.
- Easy-Clean Integrated Seamless Structure:** Overall steel structure and enclosure panels utilize flat seamless splicing design with no sanitary dead corners, supporting high-pressure washing and daily disinfection.
- Optimized Constant Temperature System:** Matched with dedicated thermal insulation enclosure panels to effectively isolate external temperature differences and maintain stable indoor conditions.
- Reasonable Ventilation & Odor Discharge Design:** Multi-position ventilation windows and fan mounting ports form a three-dimensional air circulation system for rapid discharge of harmful gases.
- Dedicated Sewage & Drainage Adaptation:** Optimized structural height and bottom gap design for efficient sewage discharge and manure cleaning operations.
- Ultra-Low Comprehensive Cost:** Standardized batch production reduces manufacturing costs while modular assembly saves civil engineering and labor expenses.

Application Scenarios

- Fattening Pig Breeding Shed:** Large-scale commercial hog fattening farms and centralized finishing pig breeding bases
- Nursery Piglet House:** Piglet incubation and nursery breeding venues with stable heat preservation and ventilation
- Sow Farrowing & Gestation Piggery:** Specialized sow breeding houses with customized partition layouts
- Small Family Pig Farming Venues:** Rural household self-built pig houses and small-scale private breeding farms
- Standardized Pig Farm Renovation & Expansion:** Old pig house renovation and farm breeding scale expansion projects

Customization Services

- Breeding Stage Size Customization:** Customize building span, length, and height according to breeding quantity and specific needs
- Anti-Corrosion & Environment Customization:** Upgrade anti-corrosion layers, strengthen heat insulation, and add cold-proof structures for regional climate adaptation
- Pig Farm Equipment Matching Customization:** Pre-reserve installation positions for ventilation fans, cooling pads, heating equipment, and automated systems
- Functional Partition Customization:** Customize independent breeding pens, channel passages, disinfection zones, and sewage diversion areas
- Enclosure Material Customization:** Optional single-layer anti-corrosion color steel panels and thermal insulation sandwich panels

Professional Factory Services

- Free Professional Scheme Design:** Exclusive piggery design based on breeding types, terrain, and local climate
- Pig Epidemic Prevention Standard Inspection:** All products comply with livestock breeding epidemic prevention standards
- Fast Engineering Batch Delivery:** Support large-scale batch production to shorten construction cycles
- Professional Installation Guidance:** Dedicated installation manuals and video tutorials for standardized assembly
- Long-Term Technical After-Sales:** Lifelong free technical consultation and low-cost accessory supply

Export Packaging Standards

- Special Classified Packaging:** Components classified and packaged independently with exclusive labels for targeted assembly
- Anti-Pollution & Anti-Rust Protection:** Steel components coated with agricultural anti-rust oil and wrapped with waterproof film
- Precision Accessory Sealed Packaging:** Ventilation windows and system accessories sealed in shockproof cartons
- Optimized Compact Loading:** Scientific layered stacking of modular components to maximize container space

Frequently Asked Questions

- What are the advantages of pre-manufactured steel frame compared with traditional on-site construction?**

Pre-manufactured components are fully processed in the factory with higher precision and more stable quality. On-site only needs bolt assembly, which saves 60%+ construction time, reduces labor dependence, avoids on-site construction pollution and quality instability.
- Can this steel building meet food processing hygienic standards?**

Yes. We adopt food-grade seamless insulation panels and rounded hygienic structure design with smooth, washable surfaces. The

closed dust-proof and moisture-proof system fully complies with HACCP and international food production hygiene requirements.

Does the building adapt to high-frequency logistics transit operation?

Yes. The large clear-span space facilitates free cargo handling and forklift operation. The durable steel frame structure resists frequent equipment collision and vibration, with professional ventilation and drainage systems for high-flow operations.

Do I need professional construction workers for field installation?

No. All pre-manufactured components are standard and matched with simple bolt assembly. Ordinary local workers can complete installation independently with our installation guides and video tutorials.

Can I customize hygienic, insulation and ventilation functions?

Yes. We support full personalized customization including food-grade anti-corrosion coating, constant-temperature insulation systems, negative pressure ventilation, and dust-proof facilities to meet different industry standards.

What is the service life of the pre-manufactured steel frame building?

With professional hot-dip galvanizing or multi-layer anti-rust treatment, the main steel frame has a service life of 40-50 years. The food-grade hygienic panels and supporting systems have stable performance with low daily maintenance costs.



Baodu International Advanced Construction Material Co., Ltd.



+86 13717927965



chunlei.song@baodu.com



baodupanel.com

No. 2, Yijin North Street, Daxing District, Beijing