

Disassemblable Steel-structure Workshop Metal Frame Factory Building Clear-span Warehouse Suitable For Manufacturing Storage And Commercial Showroom

Our Product Introduction

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 300 square meters
- 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,
- Supply Ability: 100000 Square Meter/Square Meters per Month

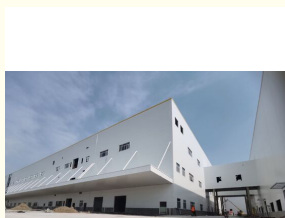


Product Specification

- Product Name: Disassemblable Steel-structure Workshop Metal Frame Factory Building Clear-span Warehouse Suitable For Manufacturing Storage And Commercial Showroom
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Bracing: Round Bar/Angle Steel/Steel Rod
- Design: SAP2000/AutoCAD /PKPM /3D3S/TEKLA
- Using Life: More Than 50 Years
- Corrosion Protection: Hot-Dip Galvanizing
- Product Type: Steel Warehouse
- Life Time: More Than 50 Years
- Surface Treatment: Painting Or Galvanized
- Type: Light, Heavy, Heavy Steel Structure, Light Steel Structure, Customized Prefabricated Steel Structure Building
- Application: Steel Workshop, Steel Fabricated



More Images



Product Description

Disassemblable Steel-Structure Workshop & Clear-Span Warehouse

This modular pre-drilled steel frame construction building is a modern, high-efficiency prefabricated industrial building solution designed for global industrial and logistics construction. All steel frame components are fully pre-cut, pre-drilled and pre-fabricated in the factory, requiring only simple on-site assembly without secondary processing or complex welding.

Product Specifications

Name	Steel Structure Building
Main Material	Q235 - Q420 Welded H Beam And Hot Rolled Section Steel
Surface	Painting Or Galvanizing
Roof And Wall Panel	Sandwich panel, Single Corrugated Steel Plate, Glass Cotton Colored Board for Customers' Choice
Window	PVC Or Aluminum Alloy
Door	Sliding Door Or Rolling Shutter Door

Comprehensive Services

Design	Experienced designers to create custom designs
Manufacture	Custom manufacturing of all steel structure products according to customer needs
Installation	Detailed drawings, installation supervision, training services, and on-site engineering teams

Packaging Standards

- Steel structure components in nude packaging with proper protection
- Sandwich panels covered with plastic film
- Bolts and accessories loaded into wooden boxes
- Container drying treatment
- Custom packaging according to customer requirements

Quality Assurance

Factory self-inspection, customer inspection, and third-party inspection available

Technical Parameters



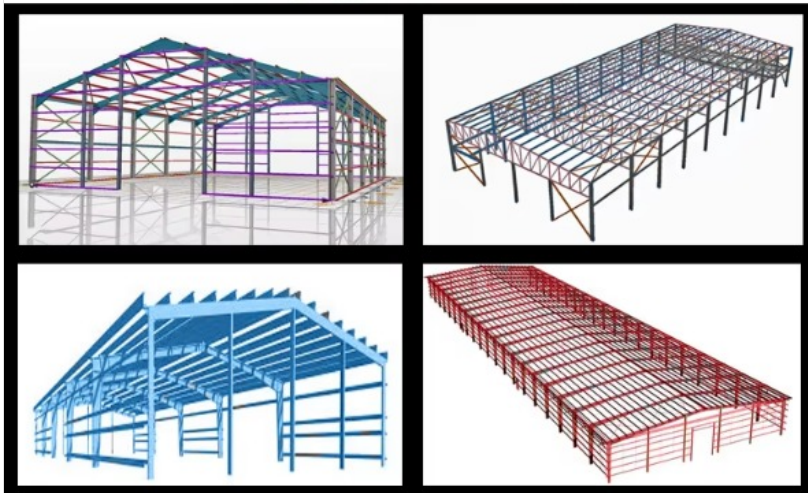
PKPM 2010

3D3S

SAP2000



3DS MAX

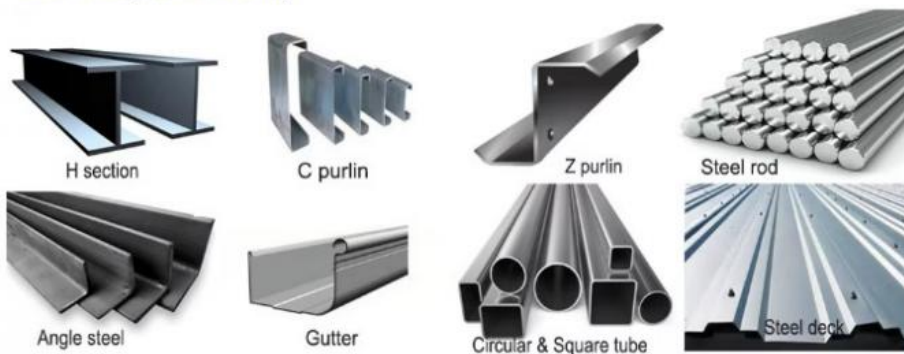


Design Requirements

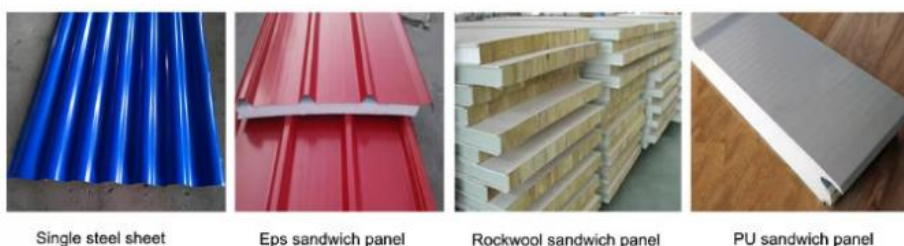
- Project site location
- Overall dimension (length*width*eave height in meters)
- Mezzanine requirements and load capacity per square meter
- Single-layer steel sheet wall or sandwich panel wall
- Snow load specifications
- Wind speed/load requirements
- Interior column allowance
- Overhead crane requirements and capacity
- Any other particular requirements

Steel Structure Components

Main frame(column& beam)



Auxiliary system (wall& roof material)



Cost saving and transportation convenient, customer design available

Main beam and column made from qualified steel

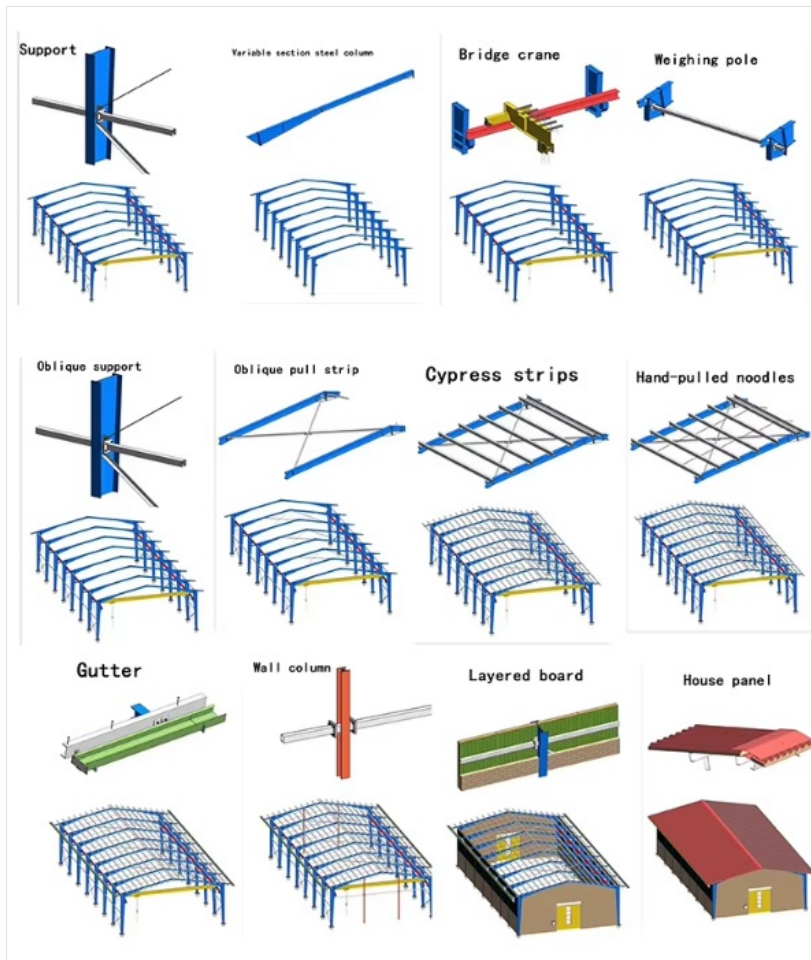
Resists heavy wind of 140km/h and 8 grade earthquake

Good ability to assemble and disassemble multiple times without damage

Widely used in construction sites, office buildings, dormitories etc.

Environmental protection with recyclable materials

Steel Building Process



Connection Method

Columns connected with foundation by pre-embedding anchor bolts. Beams and columns, beams and beams connected with high intensity bolts.

Construction Advantages

Custom design according to purpose and environment conditions

Long life span exceeding 50 years

Quick and easy installation with economic benefits

Movable and recyclable structure

Strong seismic and wind resistance

Project Cases





Manufacturing Workshop: Machinery processing, hardware manufacturing, electronic assembly, light industry production, textile, food and building material processing

Clear-Span Storage Warehouse: Industrial raw material warehouse, finished product warehouse, logistics distribution center, freight storage yard, bonded warehouse

Commercial Showroom: Industrial product exhibition hall, enterprise product showroom, sales display center, exhibition venues

Multi-Functional Buildings: Comprehensive factory buildings integrating production, storage and exhibition, temporary construction facilities

Advantages of Steel Structure Buildings

Small component sections, light weight, easy transport and installation, suitable for large span and heavy bearing structures

Suitable for impact and dynamic loads with excellent seismic performance and uniform internal structure

Factory mechanized production ensures high precision components and fast site assembly with short construction periods

Our prefabricated steel structure buildings are pre-cut, pre-drilled, and ready for quick and efficient assembly. Suitable for agricultural buildings, aircraft hangars, welding shops, commercial centers, garages, storage facilities, warehouses, workshops, schools, wedding halls, dormitories and more.

Strict Quality Inspection Standards



Excellent product quality is our eternal pursuit. BAODU GROUP implements whole-process quality management and strictly supervises every process including raw material supply, engineering design, steel component manufacturing, and installation construction.

We have established a professional quality inspection team with advanced equipment including German GS1000 vacuum spectrometer and high-frequency infrared carbon sulfur analyzer. We support testing and certification by SGS, TUV, BV.

Certifications

СИСТЕМА ДОВОВОЛЬНОЙ СЕРТИФИКАЦИИ
ПОЖАРНОЙ БЕЗОПАСНОСТИ

№ РОСС RU.32623.ОС.13ПБ.10362



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС RU.32623.ОС.13ПБ.10362

ЗАЯВИТЕЛЬ

(индивидуальное или юридическое лицо)

Общество с ограниченной ответственностью "Перспектива"
Адрес: Российская Федерация, 125167, г. Москва, вн. тер. г. муниципальный округ
Хорошевский, Проспект Ленинградский, д. 47, стр. 2, помещение 28а
ОГРН: 1247709676750, телефон: +74955181399, адрес электронной почты:
perspektiva2409@mail.ru

ИЗГОТОВИТЕЛЬ

(индивидуальное или юридическое лицо, производящее продукцию)

Baodu International Engineering Technology Co., Ltd.
Адрес: Китай, Room 1101, Building 6, No. 9 Yard, Hongye Road, Daxing District, Beijing City
Телефон: +86 010-61237405

ОРГАН ПО
СЕРТИФИКАЦИИ

(индивидуальное или юридическое лицо, осуществляющее сертификацию продукции)

№ РОСС RU.32623.ОС.13ПБ Общество с ограниченной ответственностью «Эксперт»,
129090, г. Москва, вн.тер.г. муниципальный округ Мещанский, ул.
Щепкина, дом 28, помещ 2/5

Код ОКПД 2
25.11.23.119Код ТН ВЭД
7308905100ПОДТВЕРЖДАЕТ,
ЧТО ПРОДУКЦИЯ

(информация об объекте сертификации, подлежащем сертификации объекте)

Конструкция ограждающая стеновая на основе стеновых панелей, трехслойных, с облицовкой
из стальных профилированных листов толщиной 0,6-1,0 мм, с утеплителем из минеральной
ваты с плотностью не менее 100 кг/м3, общая толщина панели 100-350 мм. Торговая марка:
BAODU.
Серийный выпуск.

СООТВЕТСТВУЕТ
ТРЕБОВАНИЯМ

(стандартов, технических регламентов, правил, условий договоров, на соответствие которым (каждому) производится сертификация)

ГОСТ 30244-94 «Материалы строительные. Методы испытаний на горючесть», раздел 6,
метод 1. Материал относится к негорючим материалам (НГ). ГОСТ 32603-2021

ПРОВЕДЕННЫЕ ИССЛЕДОВАНИЯ
(ИСПЫТАНИЯ И ИЗМЕРЕНИЯ)

Протокол испытаний № ИЛ13-62792 от 23.05.2025
года, выданной Испытательной лабораторией
Общества с ограниченной ответственностью
«Эксперт», аттестат аккредитации
РОСС RU.32623.ИЛ13ПБ

Пример
подлинности
сертификата
соответствия

ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ

(документы, представленные заявителем в целях подтверждения соответствия продукции требованиям нормативных документов)

ДОПОЛНИТЕЛЬНАЯ
ИНФОРМАЦИЯ

Схема сертификации: 1с

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ

с 23.05.2025 по 22.05.2028

Руководитель органа



О.В. Ребрин

(подпись, фамилия)

Эксперт

Т.А. Сибирякова

(подпись, фамилия)

Сертификат не применяется при обязательной сертификации



CERTIFICATE

ATTESTATION CERTIFICATE

The Company mentioned below has been audited by the Notified Body UDEM, according to relevant standard given below

Company Name : Baodu International Advanced Construction Material Co., Ltd.

Company Address : No.26, Baihe Road, Yongqing Industrial Zone, Hebei Province, China

Related Standards : EN 14509:2013

Product Name : Insulated Metal Cladding

Report No and Date : BIACM210615001/15.06.2021

Product Brand/Model/Type : BD-100MM-IMC, BD-50MM-IMC, BD-75MM-IMC, BD-120MM-IMC, BD-150MM-IMC, BD-200MM-IMC

Certificate Number : M.2021.206.N8433

Initial Assessment Date : 28.06.2021

Registration Date : 29.06.2021

Reissue Date/No : -

Expiry Date : 28.06.2026

The currency of the certificate can be checked through www.udemtd.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. The above named firm must notify all changes related with the approved type to UDEM. If UDEM will not renew expiry date of this certificate in question.

Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TURKEY
Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76
E-mail: info@udemtd.com.tr www.udem.com.tr


UDEM International Certification
Auditing Training Centre Industry
and Trade Inc.Co.





CERTIFICATE

Certificate No.: 0187245302782M

CERTIFICATE OF ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATION

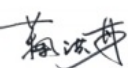
Date of Initial Issuance Apr. 11, 2018 / Date of Re-certification Issuance Apr. 10, 2024
Date of Expiration: Apr. 10, 2027

This is to Certify that the Environment Management System of

**BAODU INT'L ADV CONSTRUCTION
MATERIALS CO., LTD.**

is in conformity with
GB/T24001-2016 idt ISO14001:2015 Standard, applies to
PRODUCTION OF STEEL STRUCTURE (INCLUDING PRODUCTION OF COLOR
PROFILED STEEL PLATE AND CONSTRUCTION METAL SURFACE INSULATION
SANDWICH PANEL)

BCC Inc.

President: 



Unified social credit code 911101020379702

REGISTERED ADDRESS NO.24, BAZHE AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.

OPERATION ADDRESS NO.24, BAZHE AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.



中国合格
国家认证
管理体系
认证标志
CNAS 0016-M



BCC Address: Room 4F-050-02, Floor 4, 10-4F Changpingmen Street, Changping District, Beijing, CHINA. This certificate is valid within the specified conditions of administration and qualifications. Issuing: The effectiveness of this certificate shall be maintained by regular surveillance audits. The validity of the certificate can be improved through www.bcc.com.cn or by QR code. The information of this certificate available for inquiry on BCC's website: www.bcc.com.cn.



CERTIFICATE

Certificate No.: 0187245300082M

CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

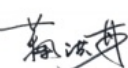
Date of Initial Issuance Apr. 11, 2018 / Date of Re-certification Issuance Apr. 10, 2024
Date of Expiration: Apr. 10, 2027

This is to Certify that the Occupational Health and Safety Management System of

**BAODU INT'L ADV CONSTRUCTION
MATERIALS CO., LTD.**

is in conformity with
GB/T 45001-2020 idt ISO 45001:2018 Standard, applies to
PRODUCTION OF STEEL STRUCTURE (INCLUDING PRODUCTION OF COLOR
PROFILED STEEL PLATE AND CONSTRUCTION METAL SURFACE INSULATION
SANDWICH PANEL)

BCC Inc.

President: 



Unified social credit code 911101020379702

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中国合格
国家认证
管理体系
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Company Profile

Baodu International Advanced Construction Material Co., Ltd was established in January 2010 with offices in Beijing and factory in Hebei, China. We are designers, manufacturers, suppliers and exporters of industrial noise treatment, steel structures, sandwich panels and prefab houses.

Annual production capacity: 6 million square meters of acoustic sandwich panels, 100,000 tons of steel structures, and 1 million square meters of floor decking sheet. Products sold in over 30 countries worldwide.

Professional design team with over 10 years' experience including 5 senior engineers, 20 engineers, and 35 technicians. We hold energy saving and environment protection intellectual property rights, construction design qualifications, CE certification and Russian GOST certification.

Notable projects include parade village for China's 60th anniversary, Beijing Daxing International Airport, Thar Pakistan coal fired power plant, and Hasyan Dubai power plant.

Packing and Shipping





Steel structure components in packaging with proper protection

Sandwich panels covered with plastic film

Bolts and accessories loaded into wooden boxes

All components, panels, bolts and accessories are well packed for ocean transport in 40'HQ containers. Skilled workers handle loading using cranes and forklifts to prevent damage. Strong relationships with vessel companies ensure smooth transportation.

Frequently Asked Questions

What is the core advantage of this disassemblable steel structure building?

The biggest advantage is full disassembly and reusability. Different from traditional fixed buildings, our metal frame can be completely disassembled, relocated and reassembled for repeated use, which greatly saves long-term construction investment and is very suitable for enterprises with flexible development and project mobility needs.

What are the benefits of clear-span column-free design?

The column-free open space eliminates all indoor obstacles, realizing 100% flexible space layout. It can meet the space requirements of large equipment production, high-capacity storage and commercial exhibition display, greatly improving space utilization and scene applicability compared with traditional multi-column buildings.

Can this building be used both for industrial production and commercial showroom?

Yes. This multi-functional steel structure is specially optimized for dual industrial and commercial scenarios. The neat and open interior space can be used as a production and storage workshop, and can also be simply decorated into a professional product showroom, realizing multi-purpose use of one building and maximizing investment value.

Is the pre-drilled modular structure accurate for on-site assembly?

Absolutely. All components are pre-cut and pre-drilled by CNC automated equipment with high precision and unified standards. The on-site fitting degree is high without secondary processing, ensuring fast and standardized assembly effect.

Is the disassembly and reinstallation process complicated?

No. The whole building adopts standard bolt connection structure. Disassembly and reassembly only need simple tool operation with low technical threshold. Ordinary local workers can complete the operation independently with our English guidance documents.

What is the service life of the disassemblable metal frame building?

With professional hot-dip galvanizing or multi-layer anti-rust paint treatment, the main steel frame has a stable structure and strong anti-aging performance, with a service life of 40-50 years. The reusable components have almost no loss after multiple disassembly and assembly.

Can I customize the size, appearance and supporting functions?

100% customizable. We can adjust the building span, length, height, roof style, exterior color, and configure ventilation, daylighting, fire prevention, crane beam and other systems according to your industrial production, storage and commercial display needs.

Product Demonstration



Baodu International Advanced Construction Material Co., Ltd.



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