



## Multi-bay Steel Structure Industrial Premise Goods Distribution Warehouse Roof Purlin System Custom Opening Layout Component Serial Marking

### Our Product Introduction

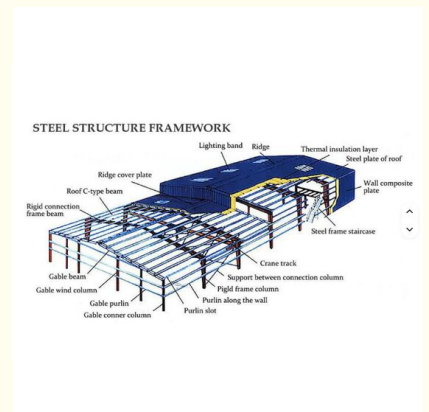
#### Basic Information

- Place of Origin: Hebei, China
- Brand Name: Baodu
- Certification: CE
- Model Number: Modular Steel Structures
- Minimum Order Quantity: 1000 Square Meters
- Price: USD19-45
- 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,
- Supply Ability: 100000 Square Meter/Square Meters Per Month



#### Product Specification

- Product Name: Multi-bay Steel Structure Industrial Premise Goods Distribution Warehouse Roof Purlin System Custom Opening Layout Component Serial Marking
- Color: Customized Color
- Design Type: Modular And Prefabricated
- Main Frame: H-shape Steel Beam
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Application: Garage And Shed, Storage And Closet, Hall, Workshop, Warehouse, Apartment, Prefab House
- Project Solution Capability: SketchUP/AutoCAD/PKPM/3D3S/TEKLA
- Bolts: Galvanized, Dacromat, Geomet
- Bracing: Round Bar/Angle Steel/Steel Rod
- Connection: Bolt Connection Or Welded Connection
- Highlight: **steel structure warehouse roof purlin,**



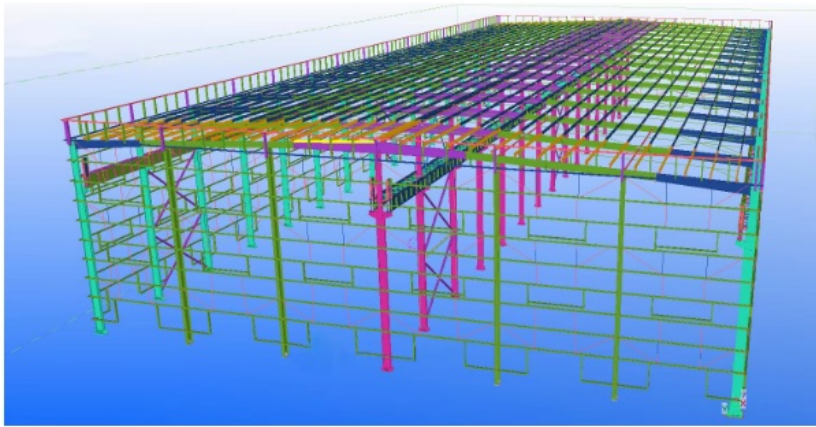
## Product Description

This multi-bay steel structure industrial premise is a large-scale modular industrial building specially engineered for modern logistics distribution, bulk cargo storage and multi-functional factory operation. Designed with continuous multi-bay rigid frame layout, the building breaks the space limitation of single-span structures, supporting ultra-large coverage and zoned functional management.

### Key Features

- **Expandable Multi-Bay Design:** Continuous structure enables large-area integrated space without redundant intermediate columns, supporting free zoning and improved cargo stacking density.
- **Reinforced Roof Purlin System:** Industrial-grade continuous lap purlin system with stronger bending resistance and load-bearing capacity, resistant to extreme weather conditions.
- **Custom Opening Layout:** Targeted customization of access doors, ventilation and daylighting openings to optimize logistics flow and operational efficiency.
- **Serial Marking Installation:** Complete component serial marking system standardizes assembly process, reduces technical threshold and construction cycle.
- **Dual-Purpose Industrial & Logistics Building:** Integrated production, storage and distribution functions with optimized land utilization and comprehensive economic benefits.

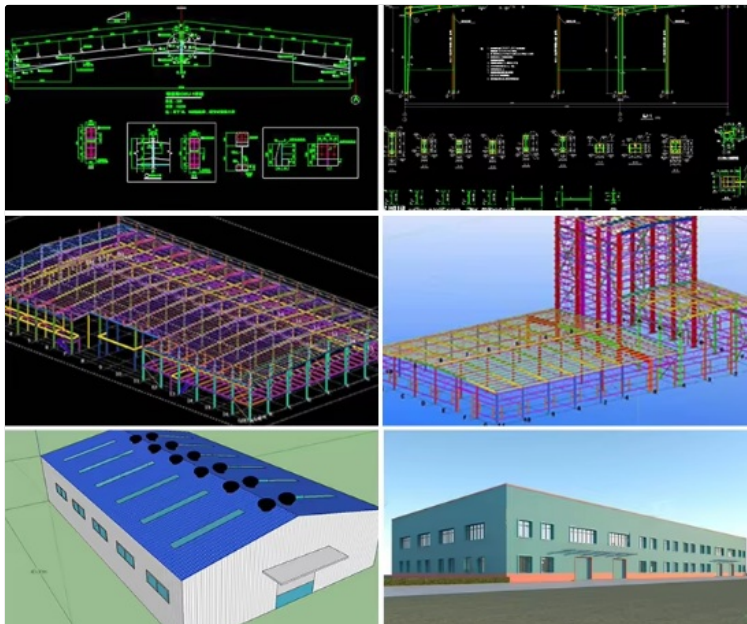
### Technical Parameters



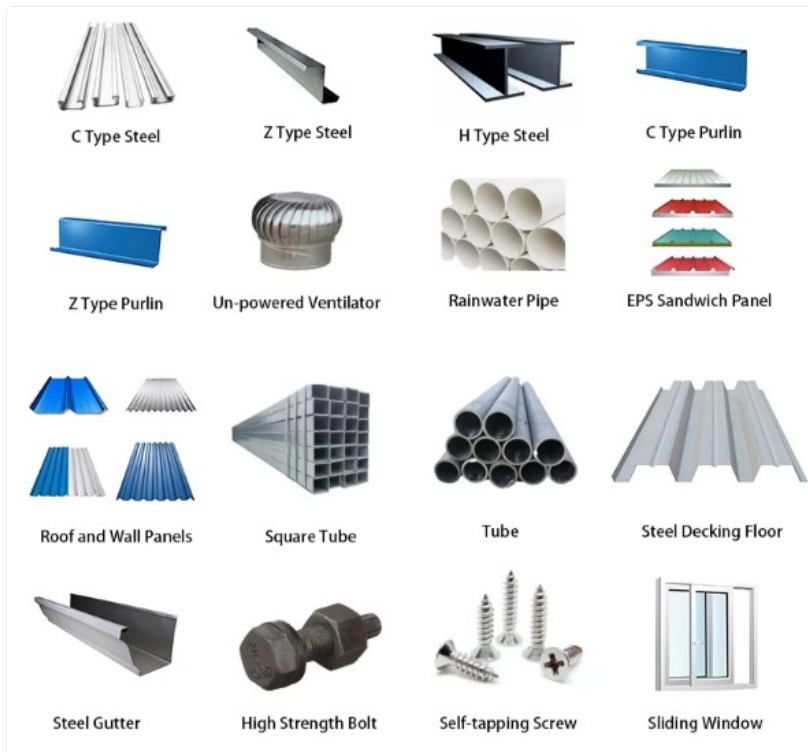
3DS MAX® 3D3S

SAP2000®

AUTODESK®  
AUTOCAD®



## Customization Options



## Company Certifications









**CERTIFICATE**

Certificate No. 016724E30527B234

## CERTIFICATE OF ENVIRONMENT MANAGEMENT SYSTEM CERTIFICATION

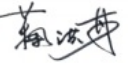
Date of Initial Issuance Apr. 11, 2018 / Date of Re-certification Issuance Apr. 10, 2024  
Date of Expiration: Apr. 10, 2027

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 911101010157598107  
REGISTERED ADDRESS NO 24, BAME AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.  
OPERATION ADDRESS NO 24, BAME AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C016-M



BCC Address Room 4101-01, Floor 1-10-01 Chaoyangmen Inn, Dongcheng District, Beijing, CHINA. This certificate is valid within the scope of specified activities of assessment and qualification. Issuance: The effectiveness of this certificate and its maintenance by regular surveillance audits, the validity of the certificate can be required through surveillance or by BCC. The information of this certificate is available for inquiry on BCC's website: [www.bccgroup.com](http://www.bccgroup.com).



# CERTIFICATE

Certificate No. 01672433000234



## 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 911101020187198107

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

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



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CNAS C016-M



BCC address: Room 41-01-01, Floor 1, 10-47 Shangyuanmen Street, Dongcheng District, Beijing, CHINA. This certificate is valid within the scope of specified validity of competence and qualification. Issuance of the certificate shall be based on the information provided by the client and the validity of the certificate can be required through www.bcc.com.cn or by QR code. The information of this certificate is available for inquiry on BCC's website: www.bcc.com.cn.



# CERTIFICATE

Certificate No. 01672433000234



## CERTIFICATE OF QUALITY 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 Quality Management System of  
**BAODU INT'L ADV CONSTRUCTION  
MATERIALS CO., LTD.**

is in conformity with  
GB/T 19001-2016 idt ISO 9001:2015 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 911101020187198107

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

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



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# 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**

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



The currency of the certificate can be checked through [www.udemtd.com.tr](http://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**

**RUSSIAN FEDERATION** 02353

**СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ  
ПОЖАРНОЙ БЕЗОПАСНОСТИ**  
№ РОСС RU.32623.OC13ПБ в едином реестре зарегистрированных систем добровольной сертификации

**СЕРТИФИКАТ СООТВЕТСТВИЯ**  
№ РОСС RU.32623.OC13ПБ.10362  
(тип сертификата: декларация)

**ЗАЯВИТЕЛЬ**  
(индивидуальное и 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: 1247700676750, телефон: +74955181399, адрес электронной почты: perspektiva2409@mail.ru

**ИЗГОТОВИТЕЛЬ**  
(индивидуальное и юридическое лицо)  
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 и юридическое лицо)  
№ РОСС RU.32623.OC13ПБ Общество с ограниченной ответственностью «Эксперт», 129090, г. Москва, вн.тер.г. муниципальный округ Мещанский, ул. Щепкина, дом 28, помещ 2/5

**ПОДТВЕРЖДАЕТ, ЧТО ПРОДУКЦИЯ**  
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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/м<sup>3</sup>, общая толщина панели 100-350 мм. Торговая марка: BAODU.  
Серийный выпуск.

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

**ПРОВЕДЕННЫЕ ИССЛЕДОВАНИЯ И ИЗМЕРЕНИЯ**  
Протокол испытаний № ИЛ13-62792 от 23.05.2025 года, выданный Испытательной лабораторией Общества с ограниченной ответственностью «Эксперт», аттестат аккредитации РОСС RU.32623.ИЛ13ПБ

**ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ**  
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Схема сертификации: 1с

**СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ**  
с 23.05.2025 по 22.05.2028

**Руководитель органа**  
О.В. Ребрин  
инженер, физикал

**Эксперт**  
Т.А. Сибирякова  
инженер, физикал

Сертификат не применяется при обязательной сертификации

**Verified**

**Gold Plus Supplier Assessment Certificate**

Certification No.: 21019358\_P+T

Baodu International Advanced Construction Material Co., Ltd.

宝都国际新材料有限公司

<http://baoducn.en.alibaba.com>

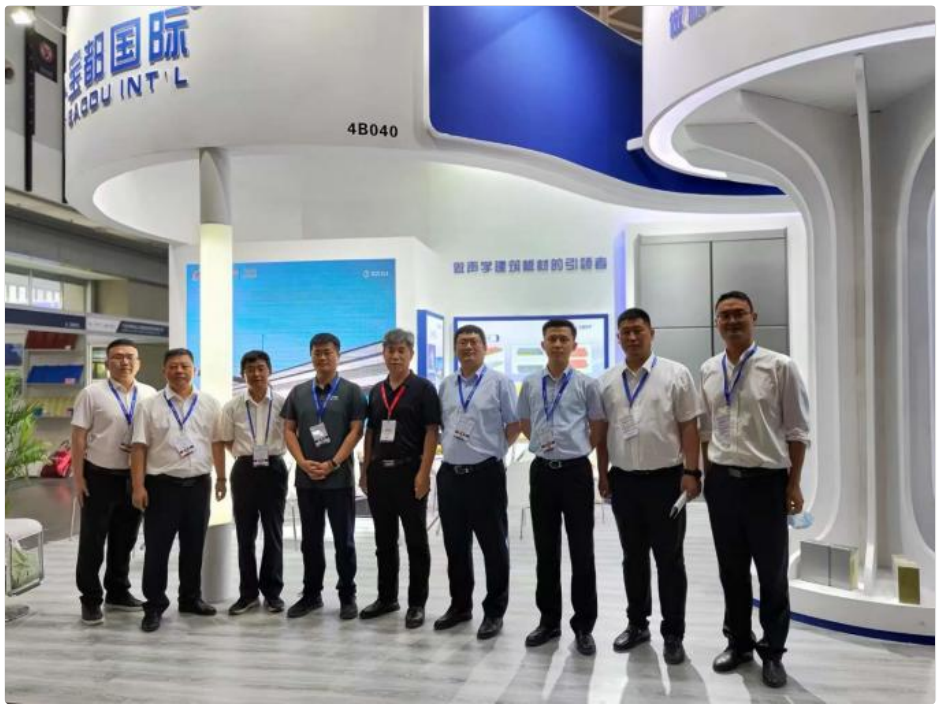
Onsite assessment was conducted by SGS

Valid: 29 Oct., 2020 to 28 Oct., 2021

Issued by: **Alibaba.com** Assessed by: **SGS**

Signature: \_\_\_\_\_

Title: Director of SGS eCommerce, Government & Institution Services, SGS CHN





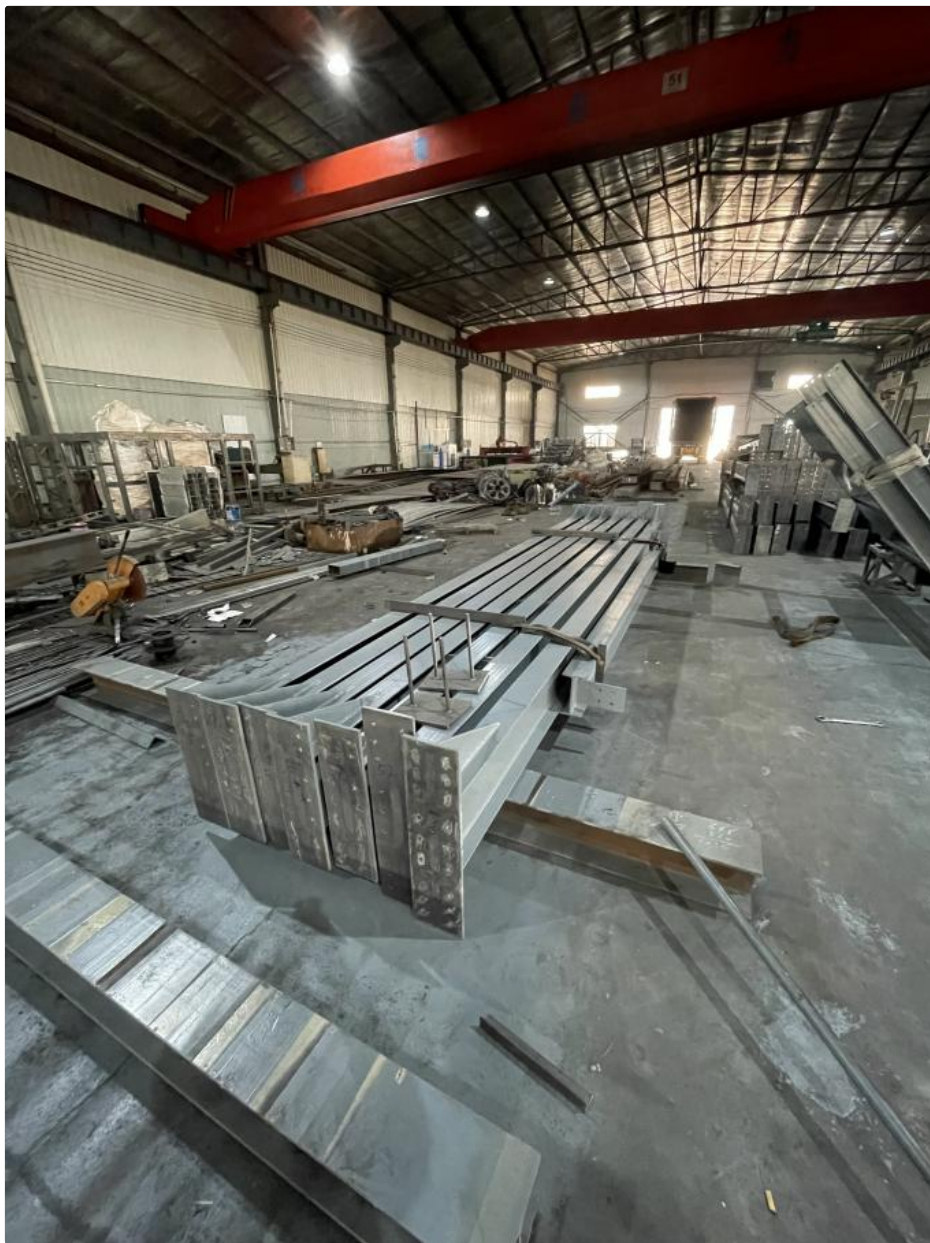




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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|-----------------|-----------------|
| <p><b>BAODU®</b></p> <p>Song Chunlei<br/>Overseas Manager</p> <p><b>Baodu International Engineering Technology Co., Ltd</b><br/>Add : Floor 11, Jiaoyue Square, Xihongmen, Daxing District,<br/>Beijing, China 100162<br/>Tel : +86-10-60256462 Fax : +86-10-61225599<br/>Mobile : +86-13717927965<br/>Email : chunlei.song@baodu.com<br/>Website: www.baodu.com</p> | <p><b>Business Scope:</b></p> <table border="0"> <tr> <td>Prefab House</td> <td>Sandwich Panel</td> </tr> <tr> <td>Container House</td> <td>Steel Structure</td> </tr> </table> <div style="display: flex; justify-content: space-around;">     </div> | Prefab House | Sandwich Panel | Container House | Steel Structure |
| Prefab House                                                                                                                                                                                                                                                                                                                                                         | Sandwich Panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                |                 |                 |
| Container House                                                                                                                                                                                                                                                                                                                                                      | Steel Structure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |                |                 |                 |

- Professional Heavy Industry Scheme Design with senior structural engineers
- Strict Heavy-Duty Quality Control with comprehensive testing and inspection
- Full Engineering Document Support including CAD drawings and certification files
- Professional On-Site Engineering Guidance for large industrial projects
- Long-Term Industrial After-Sales Service with structural safety inspections

## Packing and Shipping









- **Customized Reinforced Packaging:** Special protection for load-bearing frames and custom components
- **Modular Classification & Process Coding:** Systematic organization for efficient on-site assembly
- **Multi-Layer Anti-Corrosion & Sealed Protection:** Industrial coating and waterproof vacuum film
- **Engineering Integrated Fixed Loading:** Optimized container loading with secure reinforcement

## Frequently Asked Questions

### What are the advantages of multi-bay steel structure compared with single-span buildings?

Multi-bay structure supports unlimited horizontal expansion and integrated large-area space, with more uniform force distribution and higher overall stability. It can be divided into multiple functional zones to meet integrated production and distribution needs.

### What is the function of the professional roof purlin system?

The industrial roof purlin system forms a stable secondary load-bearing structure, evenly dispersing wind, snow and dead loads. It prevents roof panel deformation and leakage while ensuring long-term weather resistance.

### Can all doors, windows and vents be customized freely?

Yes. We provide full custom opening layout service, adjusting position, size and quantity of logistics doors, ventilation windows and daylighting openings to optimize warehouse operational efficiency.

### What is the benefit of component serial marking?

Each component has a unique serial number corresponding to installation position and sequence, standardizing assembly, avoiding errors, and improving construction efficiency.

### Is the multi-bay structure suitable for large-scale goods distribution business?

Absolutely. The expandable multi-bay large space supports high-density cargo stacking and high-frequency logistics sorting, with customizable opening layout ensuring smooth cargo access and air circulation.

### Is on-site installation difficult with serial marking guidance?

No. The serial number marking simplifies assembly process. Workers install components according to numbered sequence and matching drawings, reducing construction difficulty and labor costs.

### What is the service life of the multi-bay steel structure warehouse?

With hot-dip galvanized roof purlins and high-strength main steel frames, the overall structure has excellent anti-corrosion performance with a service life of 40-50 years and low maintenance costs.



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