

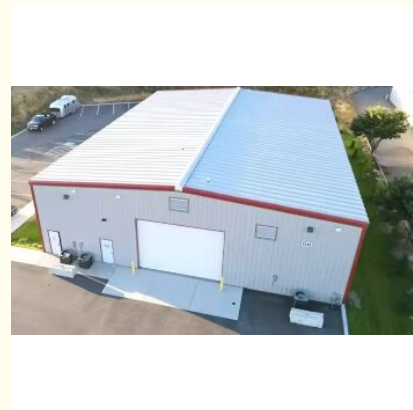


GB Standard Manufacturer 40*45*6 Light Construction Material Steel Structure Building Warehouse

Our Product Introduction

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 1000 square meters
- Price: \$35-50 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: 100000 Square Meter/Square Meters per Month

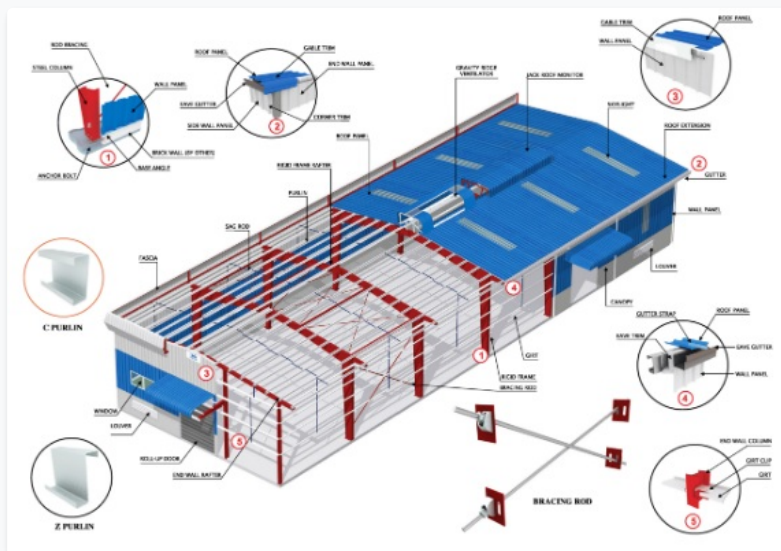


Product Specification

- Product Name: GB Standard Manufacturer 40*45*6 Light Construction Material Steel Structure Building Warehouse
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Design: SAP2000/AutoCAD /PKPM /3D3S/TEKLA
- Project Solution Capability: 3D Model Design
- Size: According To Customer Requirement
- Material: Q235B/Q345B Low Carbon Steel
- Color: Customized Color
- Secondary Frame: C&Z Purlin, Brace
- After-sale Service: Online Technical Support
- Certificate: ISO9001 CE
- Highlight: **GB standard steel warehouse, light construction steel building, prefab steel structure warehouse**

GB Standard 40×45×6 Light Construction Steel Structure Building Warehouse

Steel structure warehouses feature high fire resistance and strong corrosion resistance. The main bearing components include steel columns, steel beams, and steel roof trusses, connected using welds, bolts, or rivets.



Structural design safety certificates and design solutions

Cost reduction through reasonable budget planning and shortened duration

Complete project management from order receipt to design, production, quality control, packaging, delivery, and installation guidance

Design standards compatibility: Our engineering team is familiar with local specifications



Installation guidance: We provide detailed installation drawings and documentation



Steel grade, design load, seismic grade, wind grade, and fire rating requirements


Main Steel: Q355B / Q235B High Strength Structural Steel - Ensures structural safety and stability according to international standards

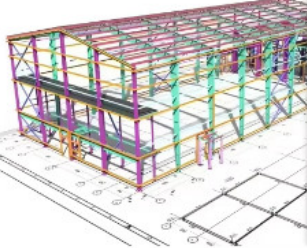
Surface treatment: Hot dip galvanizing / antirust paint - Provides excellent anti-corrosion properties and rust prevention, prolonging service life and reducing maintenance costs

Technical Parameters









Steel Structural Design

We have an experienced design department, who have abundant practical experience to complete the structural design of various buildings perfectly as per Chinese design codes and local rules. The structure is reasonable and the steel consumption is cost-effective.

For overseas projects, the design work can be took by our partners, all of them are registered structural designers, and the design can be carried out as per BS-standards, US-standards, as well as the design codes of other countries.

Detailing, 3D modeling, fabrication and installation shop drawings can be free with conditions.

Please provide the following information for project consultation:

Project Progress: Land purchase status and government licensing

Usage: Warehouse, workshop, showroom, etc.

Location: Country where building will be constructed

Local Climate: Wind speed and snow load requirements

Design: Existing drawings or need for design services

Dimension: Length × width × height

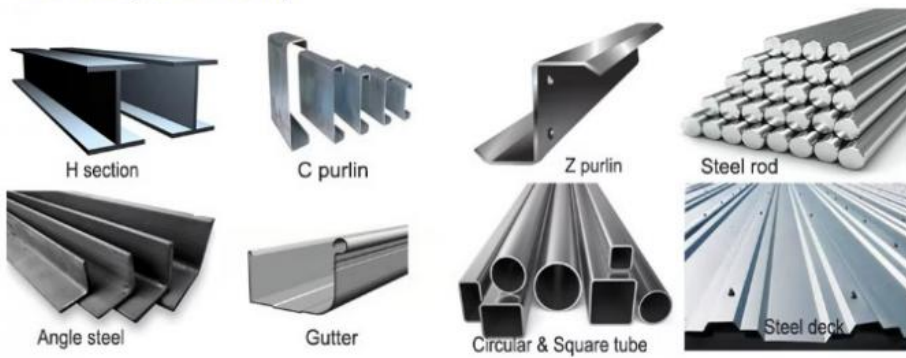
Crane Beam: Requirement for internal crane beams

Roof and Wall: Panel material specifications

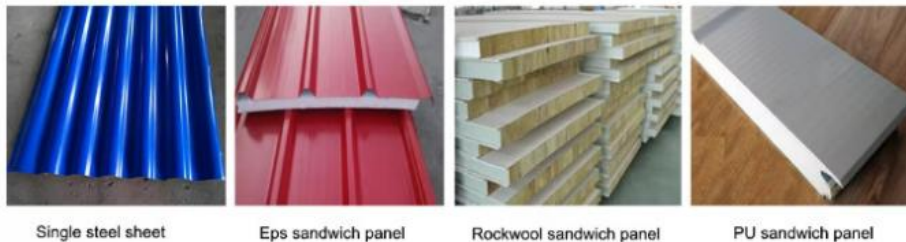
Windows and Doors: Material, quantity, and type requirements

Components Breakdown

Main frame(column& beam)



Auxiliary system (wall& roof material)



Component	Specifications
Main Framing	Welded/Hot rolling H section column and beam
Column	Q235, Q355B, S355JR, S275, SS304, SS316 H section steel with spray painting and galvanizing
Beam	Q235, Q355B, S355JR, S275, SS304, SS316 H section steel with spray painting and galvanizing
Secondary Framing	
Purlin	Q235B Z and C sections purlin
Knee brace	Q235B angle steel, galvanized
Tie bar	Q235B round steel, painted
Bracing	Q235B round steel, galvanized
Roof and Wall panels	Steel sheet and insulated sandwich panels
Single steel sheet	0.5/0.6/0.7 color steel sheet
Sandwich panel	EPS/PU/Fiber glass wool/rock wool sandwich panel
Steel Decking Floor	V-688 Decking floor
Structural subsystem	Canopies, Fascias, Partitions, etc.
Mezzanines, Platforms	H beam
Other Building Accessories	Sliding Doors, Roll Up Doors, Windows, Louvers, etc.

I-Beams (H-Beams) feature I or H cross-sections with horizontal flanges and vertical webs. Made from structural steel or aluminum, they are widely used in construction for both beams and columns, available in various sizes and specifications.

Project Cases





Advantages of Steel Structure Buildings

High-Strength Steel Frame: International standard steel grades (ASTM A36, Q355B, S235JR) support spans of 10m to 50m without intermediate columns

Weather & Disaster Resistance: Anti-seismic (up to intensity 8), anti-wind (up to 250km/h), and anti-corrosion capabilities with Sa2.5-level sandblasting and hot-dip galvanizing

Fire Safety Compliance: Optional fire-resistant coatings (up to 2-hour rating) and fireproof insulation materials meeting local fire codes

Size & Layout Flexibility: Customizable dimensions (eave height 3m-15m) for workshops (100) to large warehouses (10,000+)

Functional Adaptation: Tailored for manufacturing plants, logistics warehouses, agricultural facilities, and commercial halls

Climate Adaptation: Insulated sandwich panels for thermal insulation and optimized roof slopes for drainage

Lower Total Cost: Competitive pricing with transparent cost breakdowns and reduced transportation costs

Rapid Installation: 30%-50% faster construction than concrete buildings with standardized components

Low Maintenance: Durable components with long service life (20-50 years) and replaceable parts

Certifications: ISO 9001, CE, AISC, JIS, and GB standards compliance

Compliance with Local Codes: Engineering designs meet local building codes with complete technical documentation

Strict Quality Inspection Standards



We implement whole-process quality management with strict supervision from raw materials to installation. Our professional quality inspection team uses advanced equipment including German GS1000 vacuum spectrometer and high-frequency infrared carbon sulfur analyzer.

Certifications

СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ
ПОЖАРНОЙ БЕЗОПАСНОСТИ

№ РОСС RU.32623.ОС13ПБ.10362

**ЗАЯВИТЕЛЬ**
(наименование и наименование
населенного пункта)

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:
retrektiv2409@mail.ru

ИЗГОТОВИТЕЛЬ
(наименование и наименование
населенного пункта)

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**
(наименование и наименование
населенного пункта)

№ РОСС RU.32623.ОС13ПБ 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
7308905100**ПОТВЕРЖДАЕТ,
ЧТО ПРОДУКЦИЯ**
(наименование и наименование
населенного пункта)

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**
(наименование стандарта, пункта,
указанного в документе, на соответствие
которому (которым) производится
сертификация)

ГОСТ 302444-94 «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 № ИЛ113-62792 от 23.05.2025
года, выданной Испытательной лабораторией
Общества с ограниченной ответственностью
«Эксперт», аттестат аккредитации
РОСС RU.32623.ИЛ13ПБ

Проверка
подлинности
сертификата
ответствия**ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ**
(документы, представленные заявителем в целях
сертификации в качестве доказательств соответствия
продукции требованиям нормативной документации)**ДОПОЛНИТЕЛЬНАЯ
ИНФОРМАЦИЯ**

Схема сертификации: 1с

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ

с 23.05.2025 по 22.05.2028

Руководитель органа



О.В. Ребрин

инициалы, фамилия

Эксперт

Т.А. Сибирякова

инициалы, 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 No. 018724330327B2M



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:

[Signature]



Unified social credit code 9111010203797020

REGISTERED ADDRESS NO.24, BAIDE AVE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.
OPERATION ADDRESS NO.24, BAIDE 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 415(01-01), Floor 1, 10-A4 Shuanggenmen Street, Dongcheng District, Beijing, CHINA. This certificate is valid within the scope of specified activities of assessment and qualification. Issuance: The effectiveness of this certificate shall be maintained by regular surveillance audits, the validity of the certificate can be requested through www.bccgroup.cn or by QR code. The information of the certificate available for inquiry on CHCA's website: www.chca.org.cn.



Certificate No. 01872433030082M



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:

[Signature]



Unified social credit code 9111010203797020

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



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CERTIFICATE



Certificate No. 014724Q30718234



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 ISO9001:2015 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 911101020379102

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.



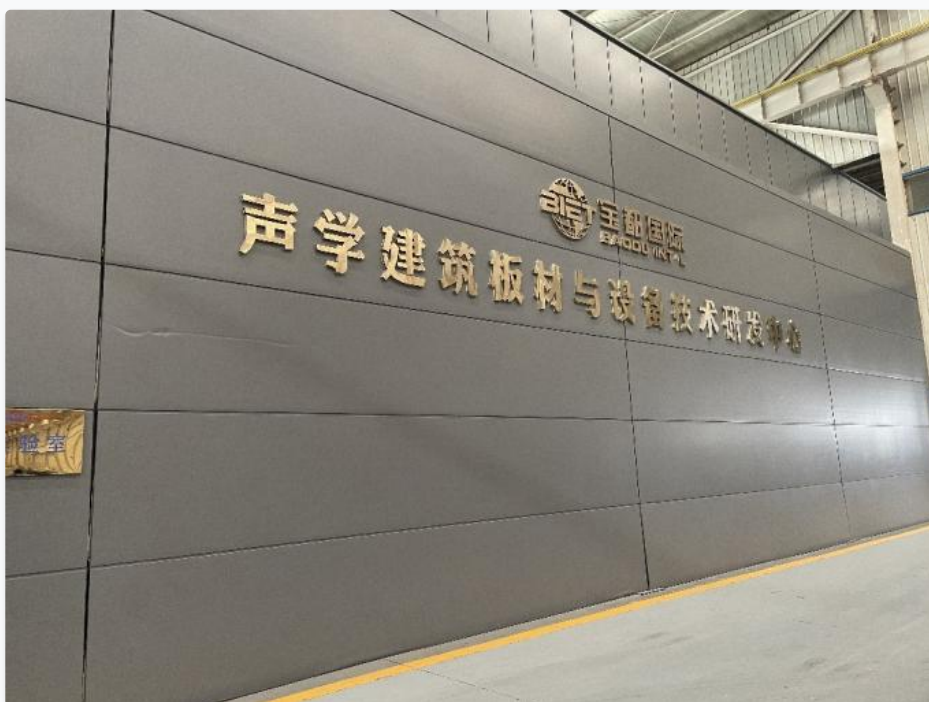
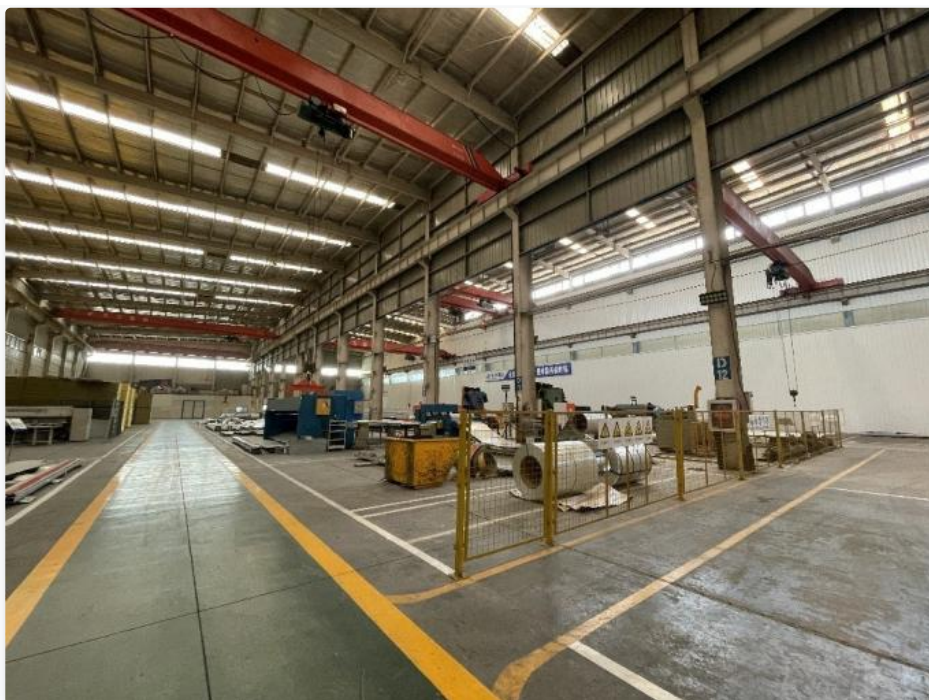
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管理体系
MANAGEMENT SYSTEM
CNAS C016-M



BCC International 410101, Floor 5, 164F Shangpanmen Inn, Dingling Street, Beijing
CHINA. The certificate is valid within the scope of accreditation and qualification
covering. The effectiveness of the certificate shall be maintained by regular surveillance audits, the validity
of the certificate can be required through www.bccgroup.com or by QR code. The information of the
certificate available for inquiry on CQC's website: www.cqc.com.cn.

Company Profile







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

Annual production capacity includes 6 million square meters of acoustic sandwich panels, 100,000 tons of steel structures and 1 million square meters of floor decking sheet. Our products serve over 30 countries worldwide.

Our professional design team includes 5 senior engineers, 20 engineers, and 35 technicians with over 10 years' experience. We hold multiple energy saving patents, construction qualifications, CE certification and Russian GOST certification.

Notable projects include the military parade village for China's 60th anniversary and Beijing Daxing International Airport. We've also undertaken international projects in Pakistan and Dubai under China's "One Belt, One Road" initiative.

Packing and Shipping





Steel Structure Handling Guidelines:

- Lifting operations require qualified personnel using proper fixtures to prevent damage
- Special supervision during loading to ensure secure stacking and binding
- Stable transportation with trained drivers and proper vehicle marking
- No rough handling; personnel must be familiar with component weights and sizes
- Timely unloading and proper stacking at construction site
- Crawler crane operations require attention to terrain and air conditions

Frequently Asked Questions

Q1: How long does it take to get my building?

A: Lead time varies, but typically 2 weeks for drawings and 6-8 weeks for delivery (depending on complexity)

Q2: What are the benefits of steel construction?

A:

- Durable with long lifespan
- Shorter construction period than concrete and wooden buildings
- Low cost and reusable
- High strength and light weight with good seismic performance
- Widely used for multi-purpose buildings

Q3: Why choose Baodu?

A: At Baodu, the customer is our first priority. We are veteran owned and operated with over 20 years of metal building experience. We provide unmatched customer service and can answer questions regarding any type of construction project.

Q4: How can I get the quotation for the project?

A: If you have drawings, we can provide a quotation accordingly. If you need design services, our engineers will design for your confirmation before providing a quotation.

Q5: Do you offer designing service for us?

A: Yes, we provide full solution drawings using AutoCAD, PKPM, MTS, 3D3S, Tarch, Tekla Structures and other software. We design complex industrial buildings including offices, supermarkets, auto dealer shops, shopping malls, and hotels.

Q6: Do you provide samples?

A: Yes, we offer samples free of charge but transportation costs are the responsibility of the buyer.

Q7: What is your terms of payment?

A: L/C, T/T, and Western Union.

Q8: How about your quality control?

A: We have a professional quality control team with rich experience and advanced inspection equipment. We also accept third-party inspection.

Q9: Can you provide installation help?

A: We provide detailed instruction photos and videos. When necessary, we send professional engineers for construction guidance and skilled workers for installation assistance. Visa fees, air tickets, accommodation, and wages are provided by buyers.



Baodu International Advanced Construction Material Co., Ltd.



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