

40 By 60 Steel Shop Building Materials Steel Structure Building CE ISO Prefabricated Workshop

Our Product Introduction

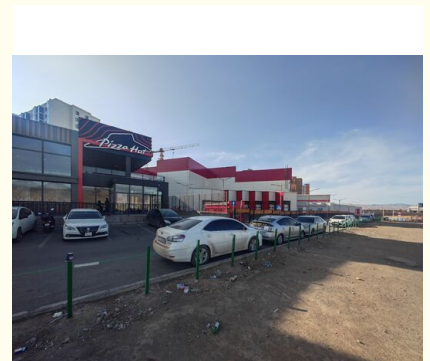
Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 800square meters
- Price: \$25-50square 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: 30days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability: 100000 Square Meter/Square Meters per Month

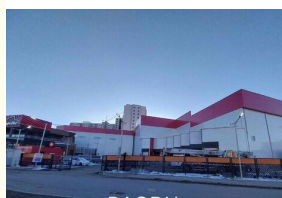


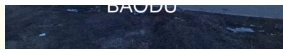
Product Specification

- Product Name: 40 By 60 Steel Shop Building Materials Steel Structure Building CE ISO Prefabricated Workshop
- 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
- Size: According To Customer Requirement
- Window: Plastic Steel Or Aluminum Alloy Window
- Use: Workshop, Factory, Office, Warehouse,
- Design Style: Industrial
- Live Load: 0.5KN/m2
- Structure: Steel Structure Frame Welded
- Production Capacity: 50,000 Tons/year



More Images





Product Description

40×60 Steel Structure Building Overview

The 40×60 steel shop building is a standard, hot-selling prefabricated steel structure workshop optimized for global small-to-medium industrial and commercial projects. Featuring a classic 40m by 60m standard dimension, CE and ISO certified quality, full modular prefabrication and fast on-site assembly, this steel building is perfectly tailored for building material processing, storage, manufacturing workshops, and general-purpose steel shops.

Engineered with international building standards, this 40x60 prefab steel structure delivers large open clear-span space, superior structural stability, excellent weather resistance and extremely low maintenance costs. It serves as the most cost-effective turnkey industrial building solution for entrepreneurs, factory owners, builders and investors worldwide.

Technical 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

Our Services

Design	We have experienced designers to design.
Manufac ture	We can manufacture all kinds of steel structure products according to customers' needs.
Install ation	We provide detailed drawings to ensure installation. It also provides installation, supervision and training services. We can also send a team of engineers to guide or install on site.

Packaging Details

Steel structure components will be in nude packaging with proper protection.

Sandwich panels will be covered with plastic film.

Bolts and other accessories will be loaded into wooden boxes.

Container Drying Treatment.

According to customer's requirement

Quality Inspection

Factory Self-inspection, Customer Inspection, Third Party Inspection

Key Product Features

Standard 40×60m Industrial Size - Classic 40m width × 60m length standard footprint, ideal size for small and medium factories, building material shops, processing workshops and private warehouses. Balanced space layout meets most light manufacturing and storage requirements without redundant construction costs.

CE & ISO Certified Full Quality - Manufactured under strict ISO 9001 quality management system and fully compliant with CE European structural safety standards. All steel frames, panels and accessories pass professional mechanical testing, ensuring safe, stable and standardized building performance for global market approval.

Prefabricated Modular Construction - 100% factory pre-cut, pre-welded and pre-fabricated. All components come with precise hole positioning and unified specifications, enabling pure bolted assembly on site without complex welding or concrete curing work.

Large Clear-Span Open Space - No middle column design maximizes interior usable area. The wide open layout allows free placement of building material machinery, production lines, stacking zones and working aisles, greatly improving space utilization rate.

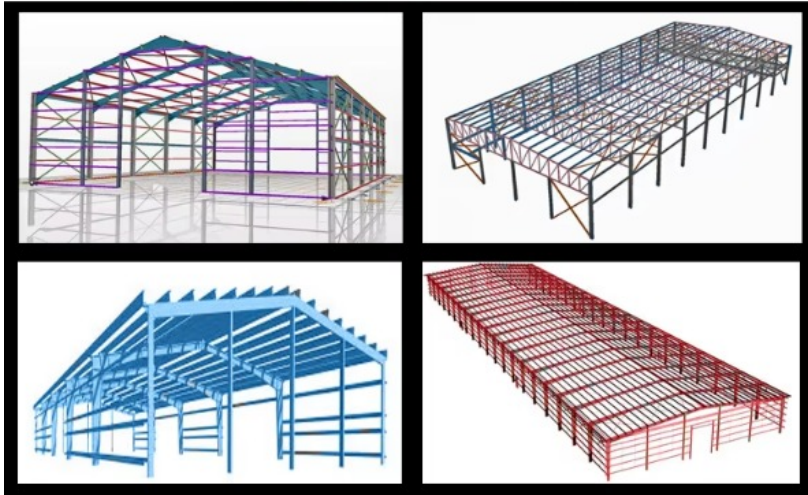
High-Strength Steel Structure Frame - Main frame adopts premium Q235B/Q355B hot-rolled steel. Features high rigidity, strong load-bearing capacity, excellent wind resistance, earthquake resistance and snow load performance, adapting to various global climate conditions.

Professional Anti-Corrosion & Weatherproof System - Equipped with multi-layer anti-rust paint or hot-dip galvanized surface treatment. Effectively resists rust, oxidation, rain erosion, high temperature humidity and coastal salt spray, ensuring long-term outdoor service stability.

Customizable Functional Configuration - Support custom roof slope, wall panels, door/window types, ventilation system, daylighting system, fireproof panels, crane beams and mezzanine floors to match building material production, processing and storage needs.

Eco-Friendly & Recyclable - All steel materials are 100% recyclable and reusable. No construction waste on site, meeting global green building and sustainable development standards.

Technical Parameters



Basic Design Requirements

- Project site location
- Overall dimension (length*width*eave height in meters)
- Mezzanine or not? How many kgs of load per square meter on mezzanine?
- Single-layer steel sheet wall or sandwich panel wall
- Snow load if applicable
- Wind speed/load
- Interior column allowed or not
- Overhead crane needed or not, capacity?
- Any other particular requirements?

Components

STEEL STRUCTURE MATERIAL LIST



C Type steel



Z Type Purlin



H Type Steel



powered Ventilator



Rainwater Pipe



EPS Sandwich Panel



Roof and Wall Panels



Square Tube



Tube



Steel Decking Floor



Steel Gutter



High Strength Bolt



Sliding Window



Self-tapping Screw



Pre-Burying Steel Plate

Cost saving and transportation convenient, customer design available.

The main beam and column are qualified steel.

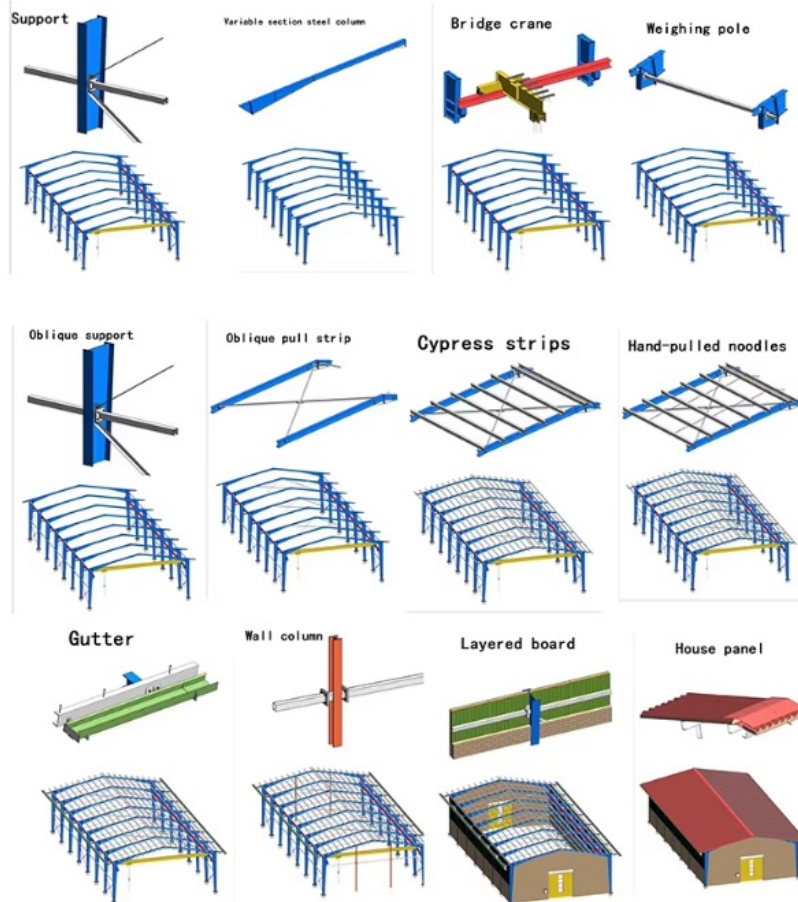
The steel structure makes the house resisting heavy wind of 140km/h and 8 grade earthquake.

Good ability to assemble and disassemble for several times without damage.

Widly used in construction site, office building, dormitory etc.

Environmental protection effect is good. Steel structure housing construction greatly reduces the sand, stone, the dosage of the ash, used materials mainly green, recyclable or degradation materials, building dismantled, most of the material can be recycled or degradation, won't cause much rubbish.

Steel Building Process



Connection Method

The columns are connected with the foundation by pre-embedding anchor bolt. The beams and columns, beams and beams are connected with high intensity bolts.

Construction Advantage

- Could be designed according to different purpose and environment condition
- Long life span, could be more than 50 years
- Quick and easy install work and the more economic friendly
- Could be moved and recycle
- Strong seismic and wind resistance

Project Cases







Industry-Specific Solutions

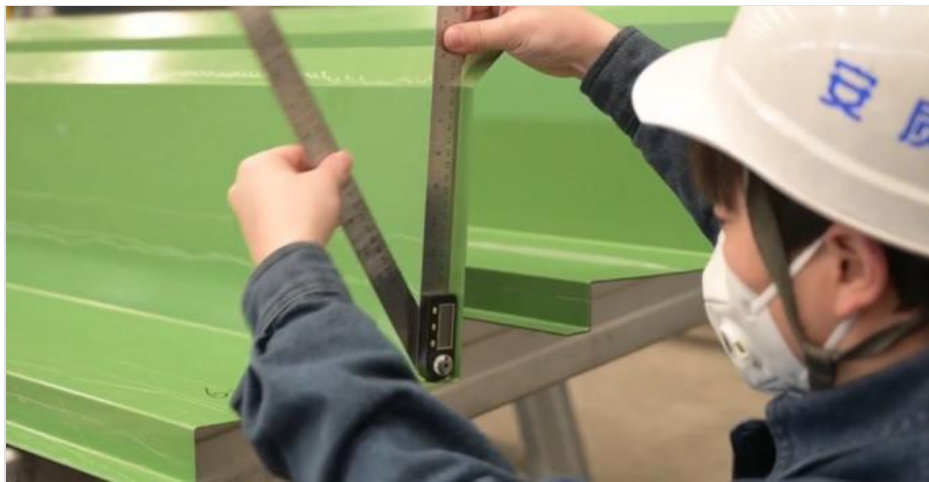
Logistics & Distribution: High-bay storage systems with narrow aisle compatibility

Advanced Manufacturing: Vibration-dampened floors for precision equipment

Food & Pharmaceutical: Hygienic designs with smooth, cleanable surfaces

Energy Sector: Explosion-resistant designs for hazardous environments

Strict Quality Inspection Standards



Excellent product quality is our eternal pursuit, and it is also the fundamental reason for us to base ourselves on the global market. BAODU GROUP implements whole-process quality management and strictly supervises every process such as raw material supply, engineering design, steel component manufacturing, installation and construction.

We have established a professional team of quality inspection engineers, introduced internationally leading quality inspection equipment such as German GS1000 vacuum spectrometer and high-frequency infrared carbon sulfur analyzer, established a high-quality product inspection room, and won many awards from China's advanced quality management unit.

In addition, we support testing and certification by SGS, TUV, BV.

Certification

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.10362 Общество с ограниченной ответственностью «Эксперт»,
129090, г. Москва, вн.тер.г. муниципальный округ Мещанский, ул.
Щепкина, дом 28, помещ 2/5

ПОДТВЕРЖДАЕТ,

ЧТО ПРОДУКЦИЯ

(сертификация объектов сертификации, осуществляющая сертификацию объектов)

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.

Код ОКПД 2
25.11.23.119Код ТН ВЭД
7308905100

СООТВЕТСТВУЕТ

ТРЕБОВАНИЯМ

(стандартов, технических регламентов, правил, условий договоров, на соответствие которым (качество) производится продукция)

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

ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ

(документы, подтверждающие соответствие 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

Пример
подписи
сертификата
соответствия



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

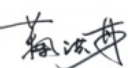
Date of Initial Issuance Apr. 11, 2018 / Date of Re-certification Issuance Apr. 10, 2024
Date of Expiration: Apr. 10, 2027

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:911101020379702U

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 0166-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. Issuance: The effectiveness of this certificate shall be maintained by regular surveillance audits. The validity of the certificate can be regained 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.: 0187245302082M

CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATION

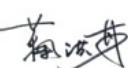
Date of Initial Issuance Apr. 11, 2018 / Date of Re-certification Issuance Apr. 10, 2024
Date of Expiration: Apr. 10, 2027

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: 



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Company Profile

Baodu International Advanced Construction Material Co., Ltd was established in January 2010 with the office in Beijing and factory in Hebei, China. Baodu is a designer, manufacturer, supplier and exporter of industrial noise comprehensive treatment, steel structure, sandwich panel and prefab house.

Baodu has an annual output of 6 million square meters of acoustic sandwich panels, 100000 tons of steel structures and 1 million square meters of floor decking sheet. The products are sold in more than 30 countries and regions around the world.

Baodu has a professional design team with more than 10 years' experience, including 5 senior engineers, 20 engineers, and 35 technicians. Baodu has several energy saving and environment protection intellectual property rights, construction and environment protection design qualification, CE certification and Russian GOST certification etc.

Baodu participated in the parade village project for the 60th anniversary of China and project of Beijing Daxing International Airport. Under the guidance of China's "one belt, one road" strategy, Baodu has also undertaken overseas projects such as the project of Thar, Pakistan coal fired power plant, Hasyan Dubai power plant and so on. Finally, welcome your coming to Baodu for a visit and cooperation!

Packing and Shipping



河北省，廊坊市 | 2026.02.02 09:54



vivo X90 Pro | ZEISS
2024.10.18 13:37



Packaging Details:

Steel structure components will be in packaging with proper protection.

Sandwich panels will be covered with plastic film.

Bolts and other accessories will be loaded into wooden Boxes

All the structure components, panels, bolts and sorts of accessories will be well packed with standard package suitable for ocean transport and loaded into 40'HQ.

All the products are loaded at the loading site of our factory using crane and forklift by our skilled workers, who will prevent the goods to be damaged.

Good relationship with many vessel companies to make sure the transportation smooth.

Frequently Asked Questions

Q1: What is the exact size of this 40×60m steel shop?

A1: Standard outer dimension is 40m in width × 60m in length, with customizable eave height. It is a universal standard industrial size for small and medium workshops and storage buildings.

Q2: Does this building have CE and ISO certification?

A2: Yes. The whole building system is ISO 9001 quality certified and CE compliant, meeting European and international industrial building safety standards, suitable for global project bidding and customs clearance.

Q3: Is the 40×60 steel structure suitable for building material production?

A3: Very suitable. It features large open space, good ventilation, strong load-bearing and excellent dustproof & fireproof expandability, perfectly adapting to building material processing, cutting, stacking and storage scenarios.

Q4: How long does it take to install a 40×60 prefab steel workshop?

A4: With full prefabricated parts, on-site bolt assembly only takes 5-10 days for completion, far faster than traditional concrete construction.

Q5: Can I customize the height, color and accessories?

A5: Yes. We support full customization of eave height, roof style, panel color, door/window quantity, ventilation system, lighting system and crane beam configuration according to your demands.

Q6: What is the service life of the steel building?

A6: With standard anti-corrosion and galvanized treatment, the service life can reach 40-50 years with routine simple maintenance.

Q7: Do you provide after-sales technical support?

A7: We provide free English installation guides, video guidance and lifelong technical consultation. For large projects, on-site engineer guidance is available upon request.



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baodupanel.com

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