



Light Steel Structure Prefab Workshop Customized Industrial Steel Building for Storage Shed & Small Manufacturing Plant

Our Product Introduction

Basic Information

- Place of Origin: Hebei, China
- Brand Name: Baodu
- Certification: CE
- Model Number: Modular Steel Structures
- Minimum Order Quantity: 500 Square Meters
- Price: USD19-30/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: 30days
- Payment Terms: L/C,D/A,D/P,T/T,Western Union,
- Supply Ability: 100000 Square Meter/Square Meters Per Month



Product Specification

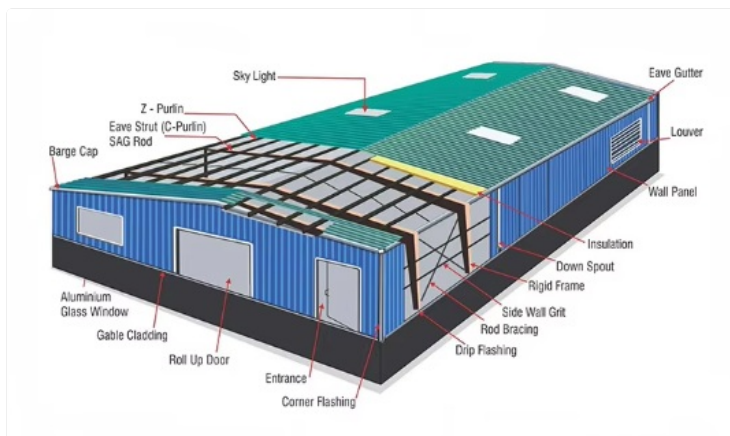
- Product Name: Light Steel Structure Prefab Workshop Customized Industrial Steel Building For Storage Shed & Small Manufacturing Plant
- Purlins: C/Z Section Steel
- Application: Workshop Warehouse Farm
- Installation: Installation Drawings
- Project Solution Capability: 3D Model Design, Graphic Design, Total Solution For Projects
- Item Name: Steel Structure Factory
- Advantage: Fast Install
- Environment Protection: Environmental Friendly Material
- Drawing Design: SAP2000/AutoCAD /PKPM /3D3S /TEKLA
- Roof And Wall: Steel Structure, Fiberglass Wool, Rock Wool
- Highlight: **Prefab Steel Workshop Building, Customized Industrial Steel Structure, Steel Building for Storage Shed**

Product Description

Product Overview

The light steel prefabricated workshop is an economical and practical lightweight industrial building solution, specifically developed for small-scale production plants, storage sheds, and maintenance workshops. Adopting a lightweight steel frame, the entire structure has low self-weight, which significantly reduces the bearing requirement for the foundation and cuts civil construction investment.

All light steel components are pre-cut, pre-drilled, and pre-coated inside our factory. The structure features simple design, fast manufacturing cycle, and easy bolt assembly on site. The layout can be freely customized to fit small processing lines, equipment placement, or goods storage. It is widely chosen by small business owners for its low total cost and simple maintenance. Our engineers adjust steel thickness and structural calculations according to your local snow load, wind load, and site size to ensure building safety.



Key Features

- Light steel frame with low self-weight, reducing ground foundation requirements and saving foundation construction costs.
- Economical material consumption with a competitive total budget for small factories, storage sheds, and auxiliary buildings.
- Short production and delivery cycle with fast fabrication and simple bolt erection.
- Easy daily maintenance with convenient inspection and repair of steel frame and cladding panels.
- Flexible internal layout suitable for small production equipment, spare parts storage, and workshop maintenance areas.
- Optional thermal insulation layer for cold or high-temperature working environments.

Technical Parameters



AUTODESK
AUTOCAD

PKPM 2010

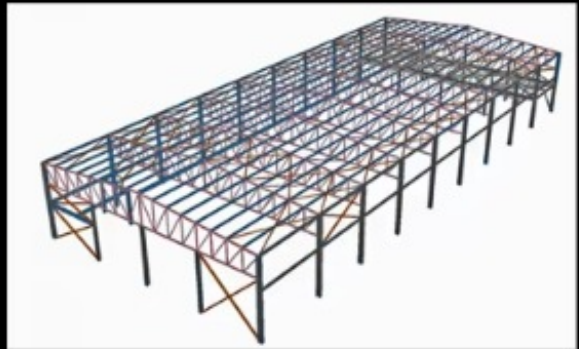
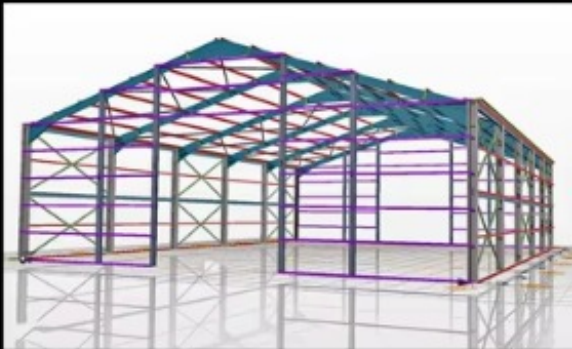
3D3S SAP2000

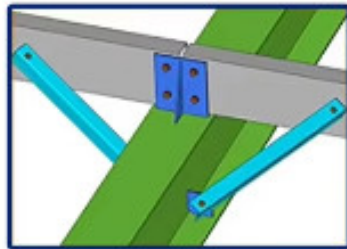
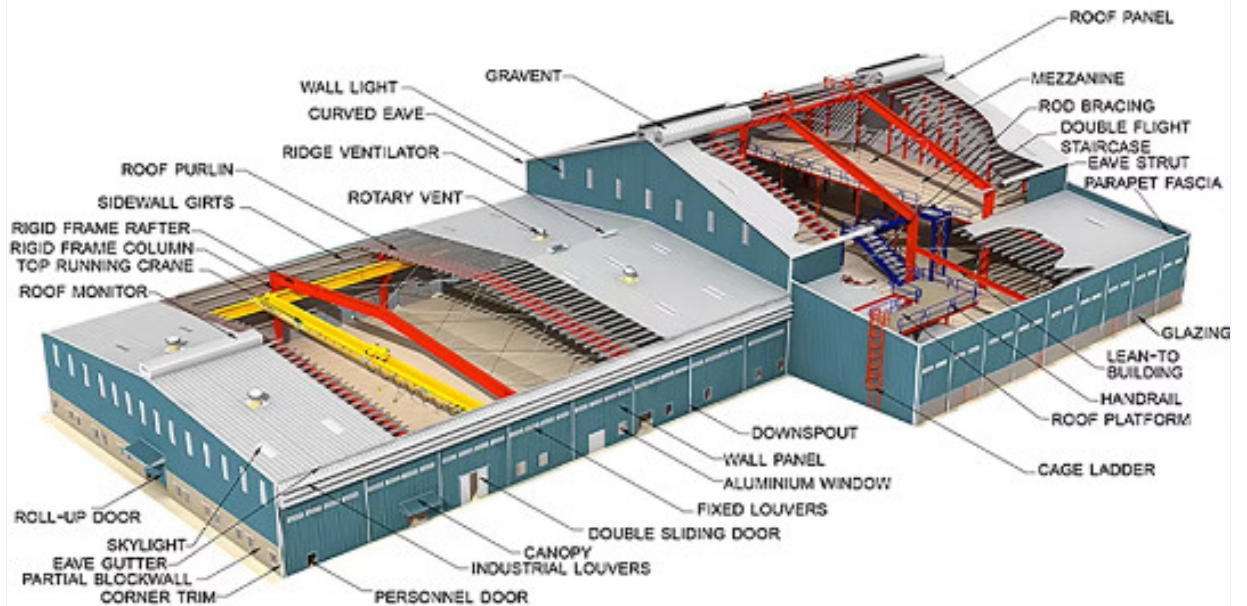


Tekla
Structures

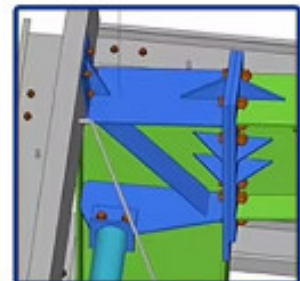


3DS MAX

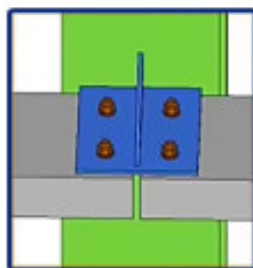
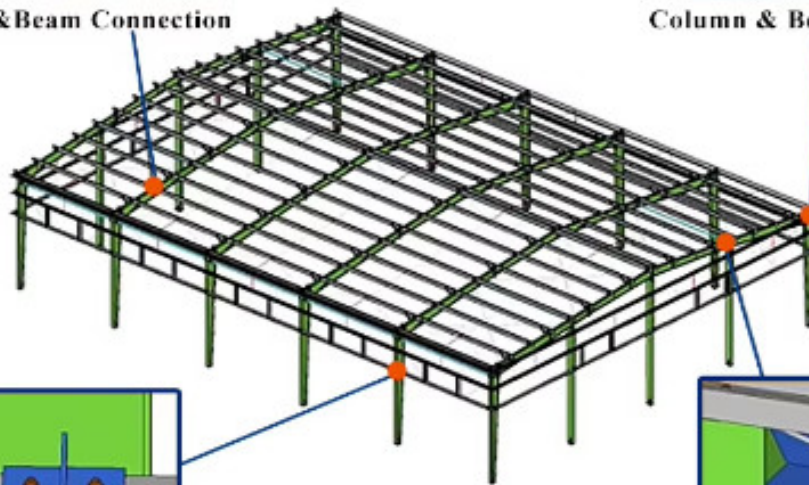




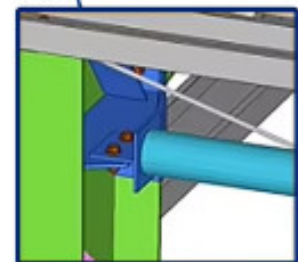
Purlin & Beam Connection



Column & Beam Connection



Purlin & Column Connection

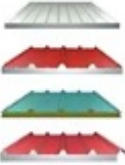
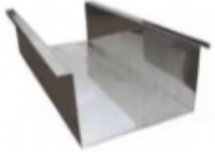


Tie & Column Connection

Applications

- Small product processing workshop
- Farm storage shed for agricultural supplies
- Private vehicle garage and maintenance shed
- Small business goods storage warehouse
- Equipment maintenance workshop
- Auxiliary storage building for factory

Customization Options

			
C Type Steel	Z Type Steel	H Type Steel	C Type Purlin
			
Z Type Purlin	Un-powered Ventilator	Rainwater Pipe	EPS Sandwich Panel
			
Roof and Wall Panels	Square Tube	Tube	Steel Decking Floor
			
Steel Gutter	High Strength Bolt	Self-tapping Screw	Sliding Window
Accessories			
			
			

Space & Size Customization — Customize building length, width, height, and modular combination quantity.

Functional Structure Customization — Industrial crane brackets, ventilation systems, lighting systems, fireproof isolation structures.

Appearance & Decoration Customization — Exterior wall color, roof style, door and window specifications.

Regional Performance Customization — Wind resistance, snow resistance, seismic resistance, anti-corrosion upgrades.

Company Certifications & Quality Standards











CERTIFICATE

Certificate No: 019TJ24E30527R23M

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: 911310235510875983U

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

OPERATION ADDRESS: NO. 24, BAIHE 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 COL-16



BCC Address: Room 41-50-10, Floor 2, Yu-41 Guangqunmen Street, Dongcheng District, Beijing, CHINA. This certificate is valid within the scope specified in the scope of accreditation and qualifications. Issuing: The effectiveness of this certificate shall be maintained by regular surveillance audits, the validity of the certificate can be inquired through www.bcc.com.cn or by QR code. The information of this certificate available for inquiry on CNAS's website: www.cnas.gov.cn.



Certificate No: 014TJ245305082M



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
PROFIED STEEL PLATE AND CONSTRUCTION METAL SURFACE INSULATION
SANDWICH PANEL)

BCC Inc.

President:



Unified social credit code: 91110203792020202U

REGISTERED ADDRESS: NO. 24, BAIME AVENUE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.

OPERATION ADDRESS: NO. 24, BAIME AVENUE, INDUSTRIAL PARK, YONGQING COUNTY, LANGFANG, HEBEI PROVINCE, P.R.C.



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管理体系
MANAGEMENT SYSTEM
CNAS C016-M



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Certificate No: 016TJ24Q30731R2M



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: 9111022371873983U

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

OPERATION ADDRESS NO.24, BAIME 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**

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.



СИСТЕМА ДОВОЛЬНОЙ СЕРТИФИКАЦИИ
ПОЖАРНОЙ БЕЗОПАСНОСТИ

№ РОСС RU.32623.04ГССВ в едином реестре зарегистрированных систем добровольной сертификации



СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС RU.32623.0С13ПБ.10362

(номер сертификата соответствия)

ЗАЯВИТЕЛЬ

(наименование и местонахождение заявителя)

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: perspectiva2409@mail.ru

ИЗГОТОВИТЕЛЬ

(наименование и местонахождение изготовителя продукции)

Baodu International Engineering Technology Co., Ltd.

Адрес: Китай, Room 1101, Building 6, No. 9 Yard, Hongye Road, Daxing District, Beijing City
Телефон: +86 010-61237405ОРГАН ПО
СЕРТИФИКАЦИИ

(наименование и местонахождение органа по сертификации, выдателя сертификата соответствия)

№ РОСС RU.32623.0С13ПБ Общество с ограниченной ответственностью «Эксперт»,
129090, г. Москва, вн.тер.г. муниципальный округ Мещанский, ул.
Щепкина, дом 28, помещ 2/5Код ОКПД 2
25.11.23.119Код ТН ВЭД
7308905100ПОДТВЕРЖДАЕТ,
ЧТО ПРОДУКЦИЯ

(информация об объекте сертификации, позволяющая идентифицировать объект)

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, условий договора, на соответствие которому (которым) 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

Проверка
подлинности
сертификата
соответствия

ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ

(документы, представленные заявителем в форме по сертификации в качестве документов, подтверждающих соответствие продукции требованиям нормативных документов)

Схема сертификации: 1с

ДОПОЛНИТЕЛЬНАЯ
ИНФОРМАЦИЯ

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

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

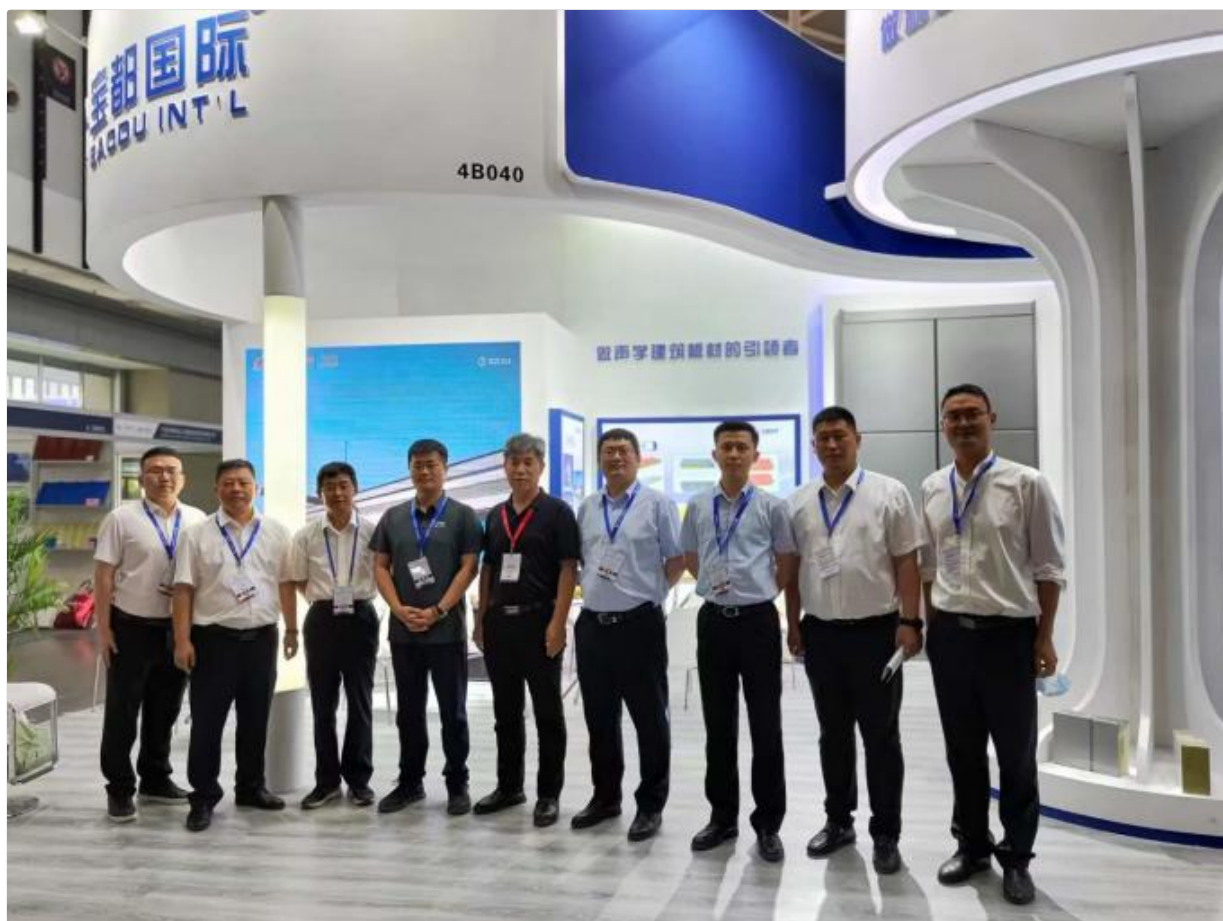
Valid: 29 Oct., 2020 to 28 Oct., 2021

Issued by: 

Assessed by: 

Signature: 

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









BAODU® Song Chunlei Overseas Manager BAODU INT'L 宝都国际 Baodu International Engineering Technology Co.,Ltd Add : Floor 11, Jiayue Square, Xihongmen, Daxing District, Beijing, China 100162 Tel : +86-10-60256462 Fax : +86-10-61225599 Mobile : +86-13717927965 Email : chunlei.song@baodu.com Website: www.baodu.com	Business Scope: <table border="0"> <tr> <td>Prefab House</td> <td>Sandwich Panel</td> </tr> <tr> <td>Container House</td> <td>Steel Structure</td> </tr> </table>    	Prefab House	Sandwich Panel	Container House	Steel Structure
Prefab House	Sandwich Panel				
Container House	Steel Structure				

Pre-Sales Free Professional Design — Modular scheme design, space layout planning, CAD construction drawings, and 3D effect display.

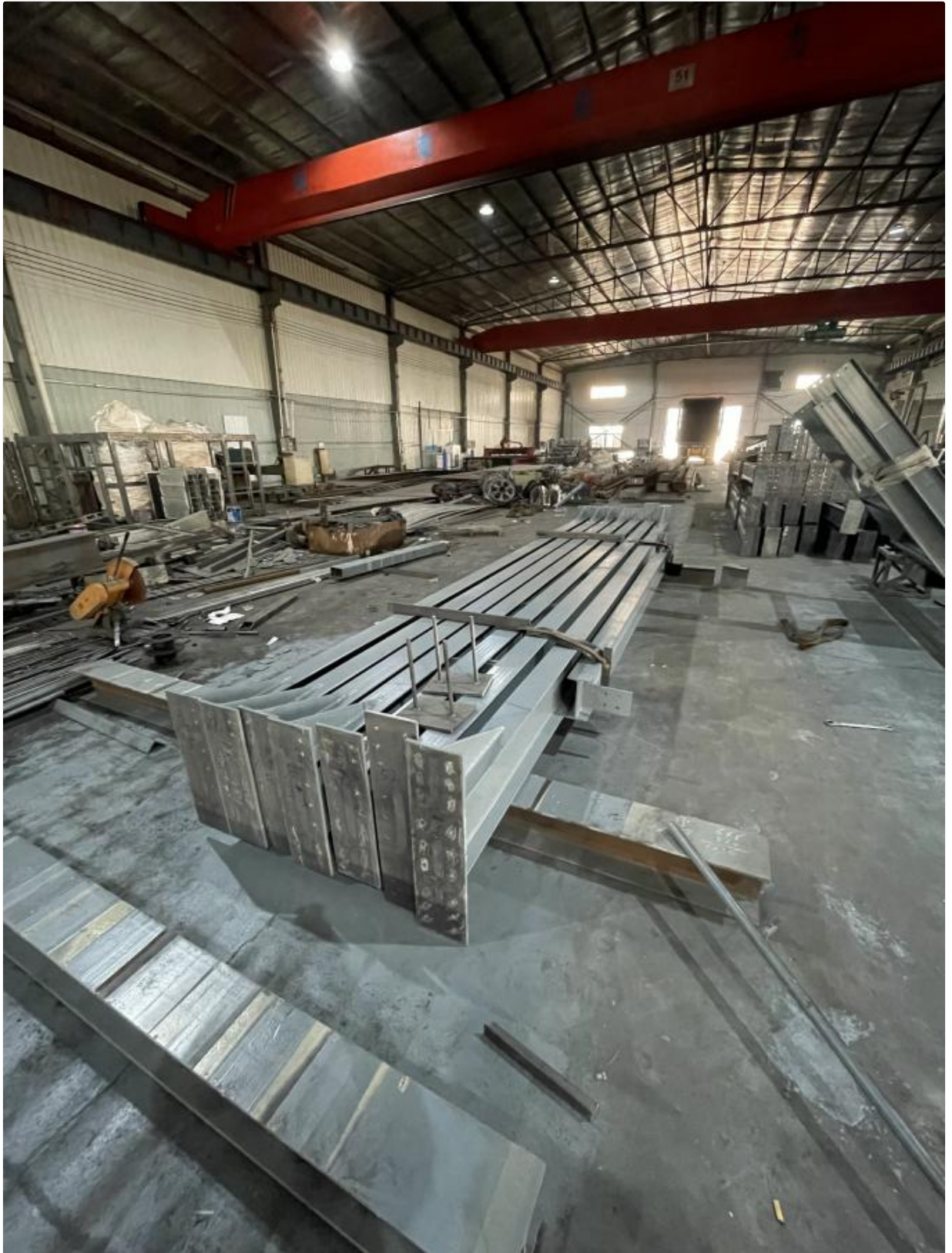
Strict Factory Quality Inspection — Three-stage factory inspection with complete product qualification certificates and test reports.

Full Process Technical Guidance — Detailed installation guidelines, video tutorials, and 24-hour online technical support.

Long-Term After-Sales Guarantee — Product quality assurance and lifelong free technical consultation services.

Exclusive Customized Export Service — Formal export documents, multiple transportation methods, and customs clearance support.

Packing and Shipping











- Light steel columns and beams bundled tightly by steel strips, each part marked with drawing number for quick sorting on site.
- Light C purlins, tie rods, and bracing components bundled separately and wrapped with PE film to avoid paint damage and rust.
- Fittings including bolts, nuts, gaskets, and anchor bolts packed in export plywood cases, with packing list placed inside each box.
- Color steel sheets wrapped by protective plastic film to protect surface coating.
- Shipment fully fits into standard 20GP or 40GP containers, with no need for bulk vessel transport.
- Clear shipping marks, project code, and part number printed on all bundles and boxes for customs clearance.

Frequently Asked Questions

Q1: Is a light steel workshop safe in heavy snow areas?

A: Yes. Before design, we collect local snow load data and increase steel section thickness and purlin density accordingly to guarantee structural safety under snow pressure.

Q2: Can we add thermal insulation for cold climates?

A: Yes. We can add glass wool insulation between wall and roof panels, or supply sandwich panels to maintain a stable indoor temperature.

Q3: Can we install small sliding doors and windows on side walls?

A: Yes. We customize the size and position of windows, sliding doors, and roll-up doors according to your usage demands.

Q4: Can this light steel building be dismantled and relocated later?

A: Yes. Bolted connections make disassembly convenient. Components can be transported and rebuilt at another site with minimal loss.

Q5: What is the difference between a light steel frame and a heavy portal frame?

A: Light steel is designed for small spans and light loads at a lower cost. Heavy portal frames are for wide spans and heavy equipment or crane loads with thicker steel plates.



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