

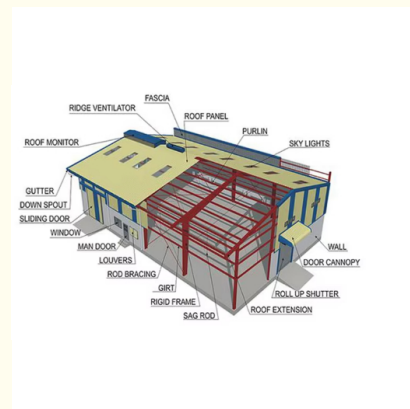


## Prefabricated Workshop Prefab Steel Structure Farm Storage Warehouse Metal Building Kits

### Our Product Introduction

#### Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: Discussible
- Price: Reasonable
- 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: 45 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 10000 Square Meter/Square Meters per Month



#### Product Specification

- Product Name: Prefabricated Workshop Prefab Steel Structure Farm Storage Warehouse Metal Building Kits
- Warranty: 50 -100 Year
- Main Frame: Solid H-shape Steel Beam
- Installation: Engineer Guidance
- Purlin: C/Z Galvanized Steel
- Drawing Design: Customers' Request
- Material: Q345 Q235
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Application Fields: Warehouse, Factory, Steel Structure Building
- Surface Treatment: Hot Dip Galvanised Or Painted
- Delivery Time: 45 Days
- Roof Cladding: Steel Sheet + Sandwich Panel
- Highlight: **prefabricated steel workshop kits,**

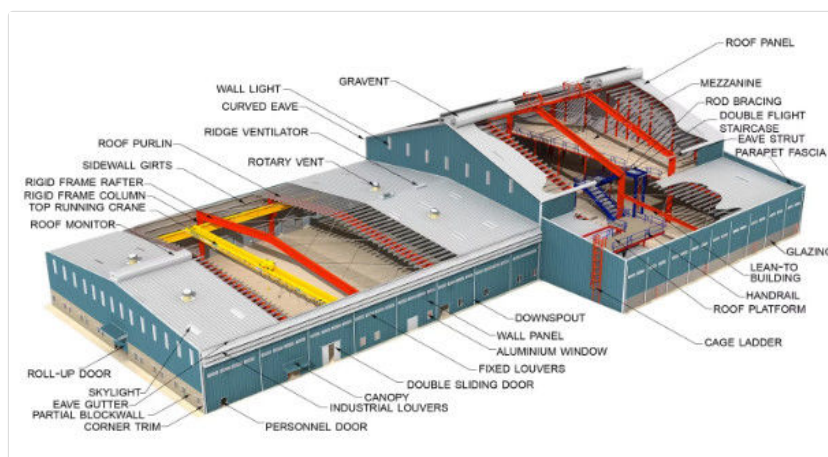
## Product Description

# Prefabricated Workshop Prefab Steel Structure Farm Storage Warehouse Metal Building Kits

## Product Specifications

| Attribute          | Value  |
|--------------------|--|
| Product Name       | Prefabricated Workshop Prefab Steel Structure Farm Storage Warehouse Metal Building Kits |
| Warranty           | 50-100 Year  |
| Main frame         | Solid H-shape Steel Beam   |
| Installation       | Engineer guidance  |
| Purlin             | C/Z Galvanized Steel   |
| Drawing design     | Customers' Request   |
| Material           | Q345 Q235  |
| Processing Service | Bending, Welding, Decoiling, Cutting, Punching   |
| Application Fields | Warehouse, factory, steel structure building   |
| Surface treatment  | Hot Dip Galvanised or painted  |
| Delivery Time      | 45 days  |
| Roof Cladding      | Steel sheet + Sandwich panel   |

## Product Overview



We are a leading global manufacturer and exporter of premium pre-engineered steel buildings (PEBs) and custom industrial facilities, dedicated to providing turnkey structural solutions for clients worldwide. Our buildings are synonymous with robustness and innovation, meticulously fabricated from the highest-grade steel and designed to meet the most stringent international load and safety codes, ensuring unparalleled longevity and minimal maintenance.

We excel in transforming client requirements into reality, offering exceptional value through optimized design, factory-controlled quality, and rapid on-site assembly, which significantly reduces overall project timelines and costs. Partner with us to leverage our expertise in delivering durable, adaptable, and sustainable infrastructure that is engineered for the future and built to last.

## Technical Specifications

| Component                       | Specification  |
|---------------------------------|--|
| Main steel frame - Column       | Q355 Welded H Section Steel (equivalent to S355JR, ASTM A572 Gr. 50)   |
| Main steel frame - Beam         | Q355 Welded H Section Steel (equivalent to S355JR, ASTM A572 Gr. 50)   |
| Secondary Frame - Purlin        | Q235 C and Z purlin (equivalent to S235JR, ASTM A36)                   |
| Knee brace                      | Q235 Angle Steel (equivalent to S235JR, ASTM A36)                      |
| Tie Rod                         | Q235 Circular Steel Pipe (equivalent to S235JR, ASTM A36)              |
| Brace                           | Q235 Round Bar (equivalent to S235JR, ASTM A36)                        |
| Maintenance system - Roof Panel | EPS Sandwich Panel/Glass Fiber Sandwich Panel/Rock Wool Sandwich Panel |
| Wall Panel                      | Sandwich Panel/Corrugated Steel Sheet                                  |
| Accessories - Window            | Aluminium Alloy Window/PVC Window/Sandwich Panel Window                |
| Door                            | Sliding Sandwich Panel Door/Rolling Metal Door/Personal Door           |
| Structure Usage                 | Up to 50 years   |
| Finishing Options               | Vast array of colors and textures available                            |

### Advantages of Steel Structure Buildings

Steel structure is a building structure system composed of steel materials, it is one of the main building structure types, widely used in high-rise buildings, bridges, aerospace facilities, industrial plants and other fields.

**High material strength, light weight:** The high strength and low density of steel make the steel structure have smaller component section size under the same stress conditions, thereby reducing the building's own weight and improving the stability and safety of the structure.

**Fast construction speed:** Because the steel structure can be assembled with prefabricated parts on site, the construction period of the steel structure project is shorter and the construction efficiency is improved.

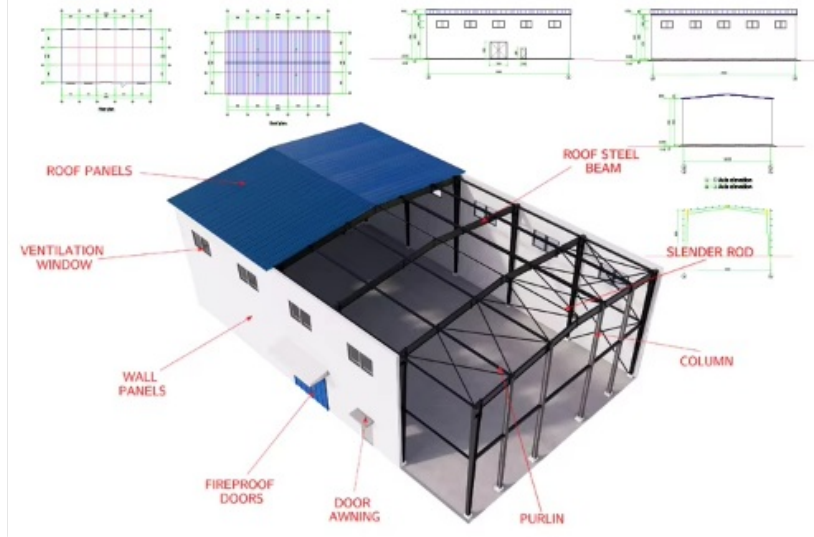
**Recyclable:** Steel can reduce resource consumption through recycling, reduce the generation of construction waste, and contribute to environmental protection.

**Good seismic performance:** The plastic deformation ability and good ductility of steel make it able to effectively absorb energy in the case of earthquakes and other disasters and reduce the damage to buildings.

**Wide range of application:** Steel structure is suitable for many types of projects, such as high-rise buildings, bridges, aerospace facilities, industrial plants, etc.

*Note: Steel structures require regular maintenance to prevent rust and may have reduced performance at high temperatures.*

### Technical Parameters



| Quote Requirement               | Details   |
|---------------------------------|---|
| Size                            | Length*width*height ____mm*____mm*____mm  |
| Wind load<br>(max. Wind speed)  | ____kn/m <sup>2</sup> , ____km/h, ____m/s   |
| Snow load<br>(max. Snow height) | ____kn/m <sup>2</sup> , ____mm  |
| Thermal insulation              | If yes, EPS, fiberglass wool, rockwool, PU sandwich panels, Corrugated steel sheet with fiber glass wool will be suggested; If not, the Corrugated steel sheet will be ok. The cost of the latter will be much lower than that of the former. |
| Door and window quantity & size | ____units, ____ (width)mm* ____ (height)mm  |

## Installation Options



1. Choose steel plate, quality inspection after the start of the material



2. Distinguish the steel plate material, waiting for cutting



3. According to the drawing specification, laser cutting into the corresponding component size



4. Drill holes into some steel plate parts



5. The steel plate was shot blasted to remove rust



6. Start assembling the steel plate and spot welding it



7. Fully welded steel plate, perfect weld ensures the strength and beauty of steel structure



8. Inspect welded steel structure, prepare for galvanizing or painting



9. Spray paint and galvanize steel structure according to technical requirements of drawings



10. Spray paint and galvanize steel structure according to technical



11. Steel structure construction finished effect



12. Exterior wall insulation system construction effect

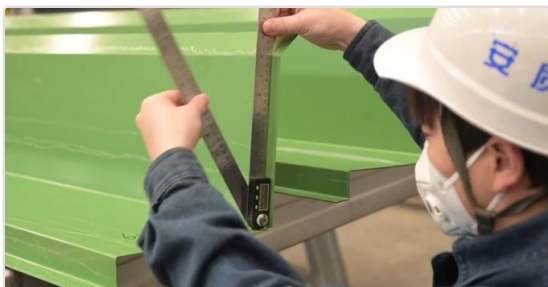
### THREE ways to help you with installation:

We can offer you the manual including photos and drawings, or some videos to help with installation. You will organize local people to install it. (93% of our clients choose this option)

We can send our team to your site to guide your people or install for you (3-5 people). This is the easiest way, but requires payment for travel, accommodation, and salary. (5% of clients choose this, typically for orders over \$100,000)

You can send your engineers to our company to study installation details. (2% of clients choose this option)

## Quality Assurance



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.

## Applications

Our steel structure buildings serve a wide range of purposes, including:

- Warehouses, workshops, and factories
- Cold storage facilities and distribution centers
- High-rise buildings and shopping malls
- Power plants and industrial facilities
- Pedestrian bridges and sports arenas
- Prefabricated public schools and community centers
- Poultry farms and agricultural buildings
- Storage sheds and self-storage buildings
- Greenhouses, garages, and commercial buildings
- Airplane hangars and aviation facilities

## Project Gallery



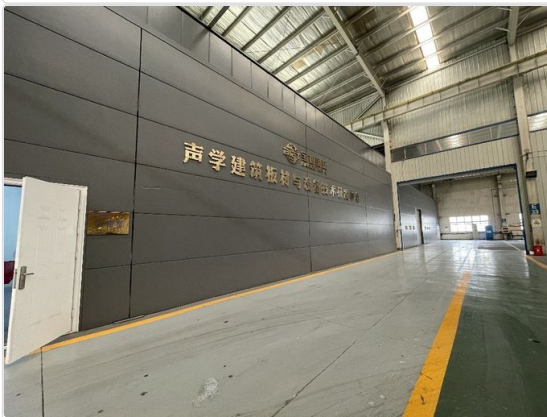






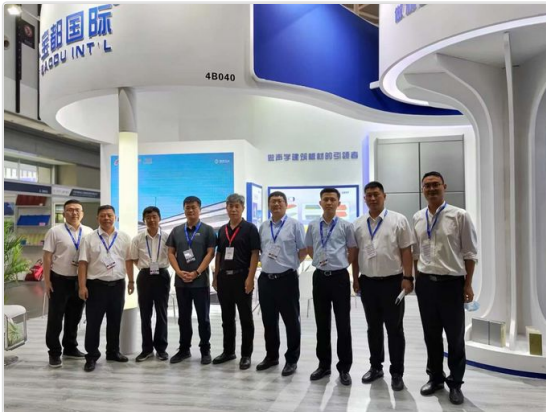
## Certifications & Capacity







## Support & Services







|  |   |              |                |                 |                 |
|--|---|--------------|----------------|-----------------|-----------------|
|  <p><b>Song Chunlei</b><br/>Overseas Manager</p>  <p><b>Baodu International Engineering Technology Co., Ltd</b><br/>Add : Floor 11, Jiayue 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   |              |                |                 |                 |

After many years of operation, the BAODU Group has grown from strength to strength and made important contributions to the development of the construction industry and the steel structure industry. It is trusted by builders and customers from all over the world.

Our team of experts is available to provide technical support and services for the Prefab Steel Warehouse product. We offer:

- Consultations to help you determine the best solutions for your needs
- Customized design services to ensure the warehouse meets your specific requirements
- Quality control inspections throughout the production process
- On-site installation and assembly services
- Maintenance and repair services to keep your warehouse in top condition

Our goal is to provide our customers with reliable, durable, and cost-effective solutions for their storage needs.

## Why Choose Us

We have professional engineers with over 20 years experience in architecture, offering comprehensive expertise in design, manufacture, and installation.

We provide one-stop service including construction drawings, calculation sheets, foundation design, and 3D visualization.

We include extra materials (bolts, purlins, panels) to account for potential installation damage.

We prioritize efficiency with immediate response to inquiries and dedicated attention to all questions.

We operate over 40 sets of large precision processing equipment including gantry planing machines, automatic welding machines, and shot blasting machines.

We provide detailed packing lists for each container to simplify unloading.

We uphold "Moral personality decides product quality" as our guarantee and "Customers come first" as our everlasting pursuit.

## 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 military 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.

## Packing & Shipping



Shipping preparation

Finished goods packaging

Packing steel components and pipe into bundles with steel straps

Wrapping the ends of steel components with fabric

Packaging parts in iron boxes

Regular goods will be transported in 40ft HQ (High Cubic) containers. If we use 40ft HQ, steel pallets are required to pack the goods, and then the pallets are pushed into the container. When unloading, the entire pallet is pulled out of the container, which can better protect the steel components and quickly unload.

We can accommodate special packaging requirements upon request.

