



Prefab Metal Steel Frame Workshop Building H Beam Structural Steel Industrial Plant for Manufacturing & Logistics Storage

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: \$25-30 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: 21 days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability: 10000 Square Meter/Square Meters per Month



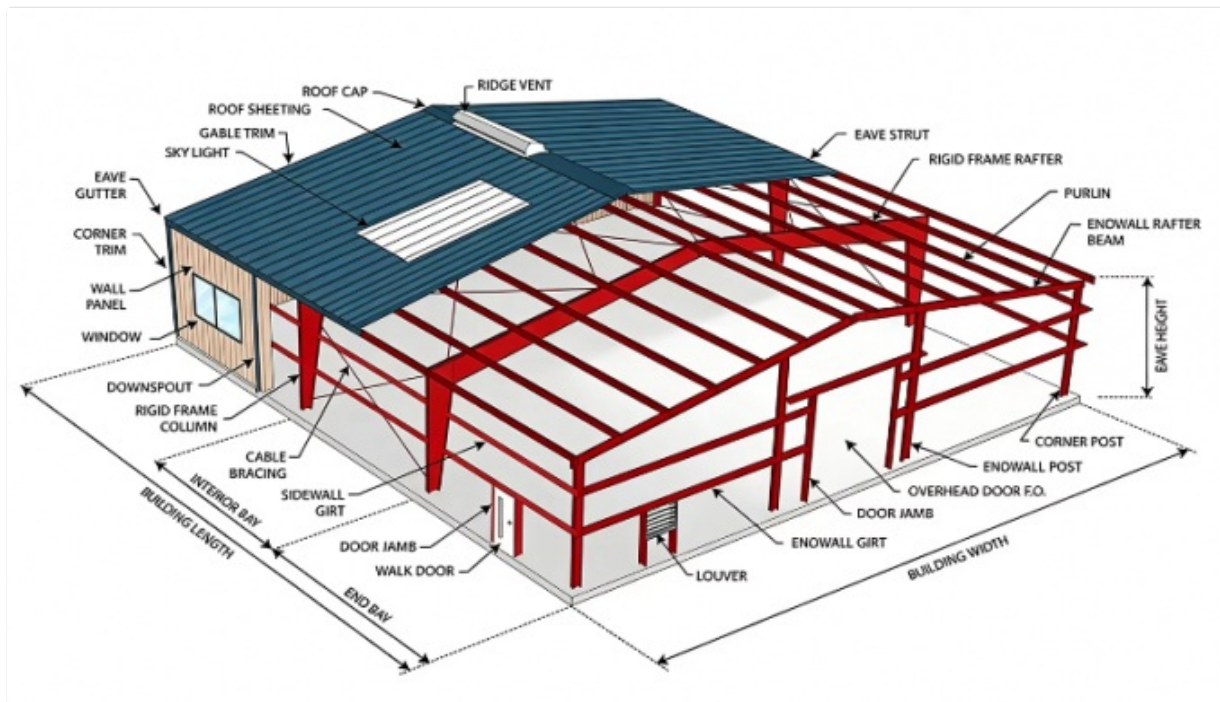
Product Specification

- Features: Pre Engineered Metal Buildings
- Product Name: Prefab Metal Steel Frame Workshop Building H Beam Structural Steel Industrial Plant For Manufacturing & Logistics Storage
- Processing Service: Bending, Welding, Decoiling, Cutting, Punching
- Main Frame: Welded H Steel Beam, Steel Truss
- Life Span: Designed For 50 Years
- Dimensions: Customers' Requirement
- Main Material: Steel Structure Frames
- Project Solution Capability: Graphic Design, 3D Model Design, Total Solution For Projects, Cross Categories Consolidation, N/A, Others
- Design Style: Industrial
- Color: Customized Color
- Type: Steel Structure Frame

Highlight: Prefab Steel Frame Workshop Building

Product Description

Prefabricated metal steel frame workshop building engineered with a welded H-beam structural steel system, purpose-built for industrial manufacturing plants and logistics storage facilities. Factory pre-cut, pre-drilled and pre-treated steel members enable rapid on-site assembly with minimal welding.



Product Overview

The prefabricated metal workshop adopts welded H-beam as the primary load-bearing frame, specially engineered for medium-duty manufacturing workshops and logistics storage facilities. All steel members including H-beams, purlins and bracings are pre-cut, pre-drilled and pre-treated inside our factory. Almost no on-site cutting or welding is required, which greatly reduces labor cost and construction risks on your jobsite.

The welded H-beam frame delivers stable and reliable bearing capacity, making this building a versatile solution for production and warehousing combined projects. Door, window and ventilation openings can be freely adjusted according to your production flow and cargo loading requirements. We tailor every design based on your site dimension, local wind load, snow load and seismic standards. It is a cost-effective industrial building option for medium-scale factories and logistics parks worldwide.

Key Features

Welded H-beam main frame with high structural rigidity and stable load-bearing capacity, suitable for medium dynamic load from production machines and stacked goods.

Bolted connection design with minimal on-site welding, shortening erection time and lowering construction skill requirements for local workers.

Flexible layout for doors, windows, ventilators and pipelines. Roller shutter doors, sliding doors and overhead doors are all optional to fit cargo inbound and outbound.

Balanced steel consumption and competitive total project cost for medium-sized industrial plants and logistics warehouses.

Complete secondary support system: C/Z purlins, tie rods and diagonal bracing to strengthen overall structural stability.

Reserved design for crane beam installation, allowing easy addition of an overhead crane later if production demand expands.

Technical Specifications

Component	Material Specification
Size	Customized to Customer Requirements
Main Frame Column	Q235B (ASTM A36, S235JR), Q355B Welded or Hot-Roll H Section Steel
Main Frame Beam	Q235B, Q355B (ASTM 572, S355JR) Welded or Hot-Roll H Section Steel
Purlin	Q235B, C and Z Type Steel
Knee Brace	Q235B, Angle Steel
Tie Tube	Q235B, Circular Steel Pipe
Brace	Q235B, Round Bar or Angle Steel
Bracing	Q235B, Angle Steel, Round Bar or Steel Pipe
Roof & Wall Material	Metal sheet (PE+Galvanized+Aluminium), Sandwich Panel, Glass wool
Door & Window	Rolling Up/Shutter Door, Sandwich Panel Door, Stainless Steel Door, Fireproof Door; PVC window, Aluminium Window

Steel Materials

Main frame(column& beam)



H section



C purlin



Z purlin



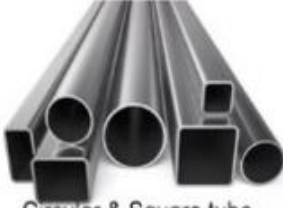
Steel rod



Angle steel



Gutter

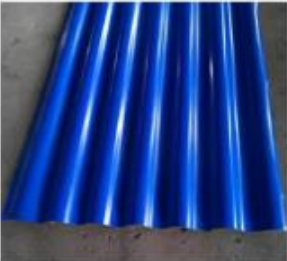


Circular & Square tube



Steel deck

Auxiliary system (wall& roof material)



Single steel sheet



Eps sandwich panel



Rockwool sandwich panel



PU sandwich panel

Technical Parameters

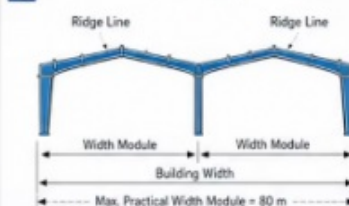
STEEL FRAME OPTIONS

FLEXIBLE SOLUTIONS FOR EVERY PROJECT

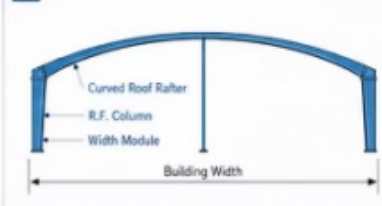
1 Tapered Column Clear Span (TCCS)



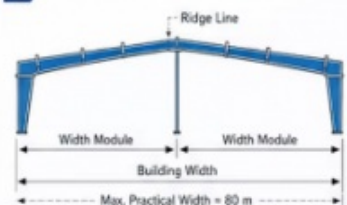
2 Multi Gable (MG)



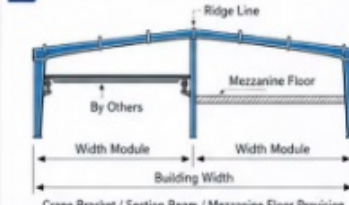
3 Arched Multi Span



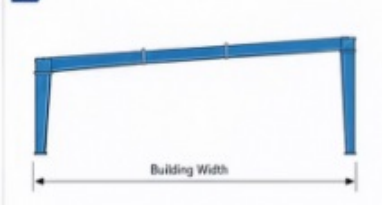
4 Multi Span "1" (MS-1)



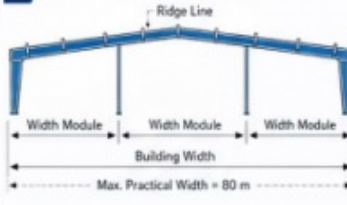
5 Mezzanine / Crane Beam Provision



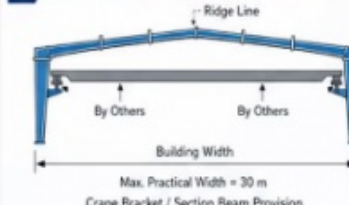
6 Mono Slope



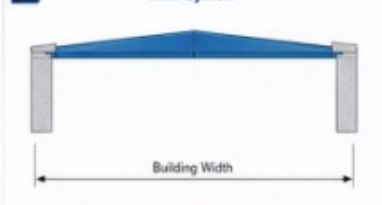
7 Multi Span "2" (MS-2)



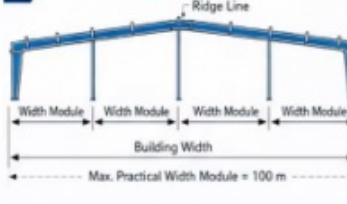
8 Crane Bracket / Section Beam Provision



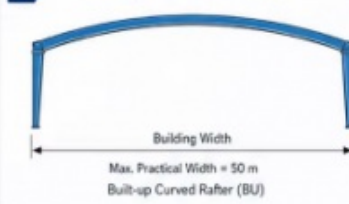
9 Roof System



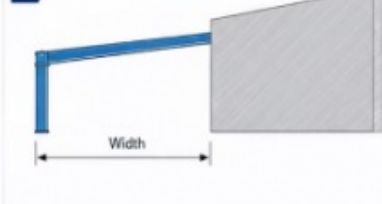
10 Multi Span "3" (MS-3)



11 Built-up Curved Rafter (BU)



12 Lean-To



FREE DESIGN

3D AND CAD DRAWINGS

✓ Professional ✓ Accurate ✓ Efficient ✓ Reliable

Tekla
Structures



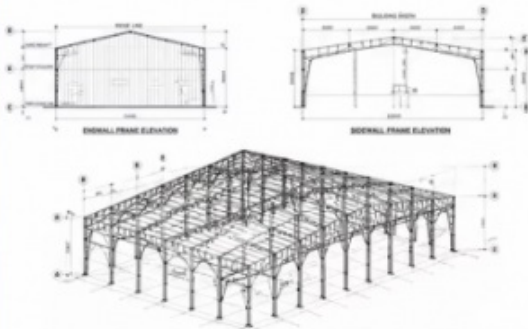
AUTODESK
3DS MAX

SAP 2000

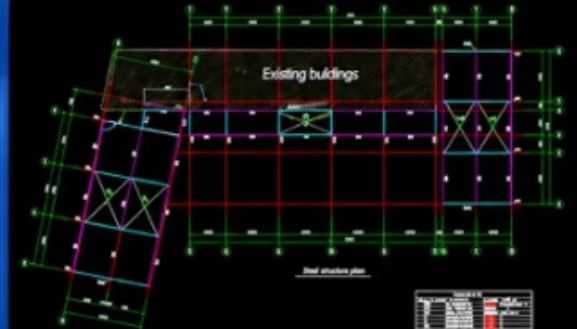
PKPM



AUTODESK
AUTOCAD



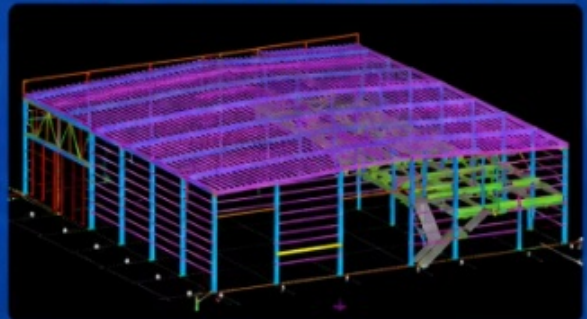
SCHEMATIC DIAGRAM



CONSTRUCTION DRAWINGS



EFFECT DIAGRAM



PROCESSING DRAWING



PROFESSIONAL TEAM
Experienced engineers
provide support



ACCURATE DESIGN
Precise solutions
tailored to needs



EFFICIENT DELIVERY
Fast turnaround to
save your time



RELIABLE QUALITY
Details ensure safety
and compliance



ONE-STOP SERVICE
From concept to
completion

Applications





- Machinery manufacturing workshop
- General goods logistics warehouse
- Mechanical assembly workshop
- Spare parts and component storage warehouse
- Medium-size processing factory
- Production and storage combined industrial plant

Customization Options

PROJECT CASES & INSTALLATION SUPPORT

Real Global Projects • Detailed Case Display • Worry-Free Installation Guidance



INSTALLATION SUPPORT



Professional Guidance

Professional technicians will guide the installation.



On-Site Assistance

We can send a construction team to your site if needed.



Worry-Free Service

You don't need to worry about installation or project execution.

Technical Support & Services







- Professional installation and setup assistance
- Comprehensive troubleshooting and technical guidance
- Maintenance and care recommendations for longevity
- Staff training for efficient warehouse utilization
- Continuous support and consultation throughout product lifespan

Packaging & Global Shipping

EXPORT PACKING & TRANSPORT

Safe Packing • Efficient Loading • Global Shipment

We provide professional export packing and transportation solutions to ensure your goods arrive safely and on time anywhere in the world.



Professional Lifting



Careful Loading



Secure Fixing



Ready for Shipment

EXPORT PROCESS



GLOBAL SHIPPING SOLUTIONS



Secure Packing
Protect products from damage and corrosion



Standard Loading
Maximize space utilization



Strong Lashing
Ensure stability during ocean transport



Document Support
Professional export documentation



Tracking Service
Real-time tracking and updates

Standard Export Packaging

Main H-beam steel frames bundled with high-strength steel belts and wrapped with waterproof, dust-proof woven cloth. Roof panels, wall panels and purlins protected with anti-scratch foam layers. Small components classified, numbered and packed in moisture-proof steel boxes with unified assembly codes.

Optimized Container Shipment

All components fully disassembled and flat-packed for 20GP/40GP/40HQ standard containers. Scientific layout maximizes space utilization and reduces ocean freight costs. Support for FCL and LCL global shipping to Southeast Asia, Africa, Middle East, Europe and South America.

Complete Documentation

Full set of export customs clearance documents and technical materials including commercial invoices, packing lists, steel material test reports, factory quality certificates, structural design drawings and English installation manuals.



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