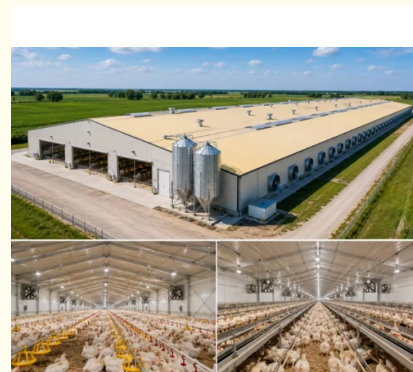


Prefabricated Steel Structure Chicken House Galvanized Steel Frame Poultry Farm Building with Ventilation & Insulation System

Our Product Introduction

Basic Information

- Place of Origin: Hebei, China
- Brand Name: BAODU
- Certification: ISO9001, CE
- Model Number: Steel Warehouse
- Minimum Order Quantity: 500SQM
- Price: \$25-36square 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: 21days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union,
- Supply Ability: 1000 Square Meter/Square Meters per Month

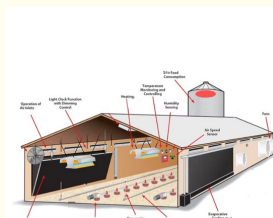
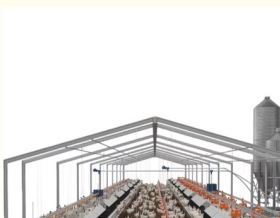
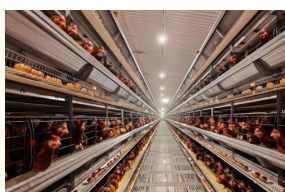


Product Specification

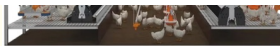
- Product Name: Prefabricated Steel Structure Chicken House Galvanized Steel Frame Poultry Farm Building With Ventilation & Insulation System
- Surface Treatment: Hot Dip Galvanised Or Painted
- Drawing Design: SAP2000/AutoCAD /PKPM /3D3S/TEKLA
- Window: Aluminum Alloy Window, Plastic Steel
- Capacity: Customer's Requirements
- Loadcapacity: Designed To Withstand Heavy Loads And Snow
- Keyword: Steel Metal Frame Structure
- Roof Cladding: Steel Color Sheet, Sandwich Panel Glass Wool And Mesh
- Performance: Safety, Water-proof, Sound Insulated Hear-preservation Etc.
- Wall Cladding: Steel Color Sheet, Sandwich Panel
- Highlight: **Prefabricated Steel Chicken House, Galvanized Steel Poultry Farm Building,**



More Images



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Product Description

Product Overview

The prefabricated galvanized steel poultry house is purpose-engineered for large-scale chicken, duck, and livestock breeding farms. Its main frame is constructed from hot-dip galvanized steel, delivering superior corrosion resistance against ammonia, high humidity, and livestock waste commonly found inside poultry facilities. All steel components are prefabricated, pre-cut, and pre-drilled at the factory for rapid bolt assembly on site.

Installation positions are reserved for a full range of breeding auxiliary equipment, including exhaust fans, cooling pads, feeding lines, drinking systems, and light control systems. The enclosed building structure is easy to clean and disinfect, helping farmers control disease risk and maintain a stable growing environment for poultry. Engineers customize span, height, and layout based on breeding scale, local wind and snow loads, and climate conditions. This poultry steel building is widely exported to livestock farming investors worldwide.

Key Features

Hot-dip galvanized main steel frame with strong resistance to ammonia, high humidity, and corrosive farm gases, ensuring a long service life in breeding environments.

Pre-reserved openings for ventilation, cooling pads, feeding, and drinking automatic breeding equipment.

Adjustable eave height and bay spacing, offering flexible layout for cage raising or flat raising systems.

Bolt connection design enables fast erection and convenient regular disinfection and cleaning.

Multiple cladding options: single color steel sheet or insulated sandwich panel for heat preservation and thermal insulation.

Optimized air circulation layout to reduce indoor humidity and harmful gas concentration.

Technical Specifications

Item	Specification
Main Structure Type	Portal frame steel structure for poultry farm
Main Steel Grade	Q235B / Q355B
Surface Treatment	Hot-dip galvanizing
Span	8m ~ 24m
Eave Height	2.8m ~ 6m
Roof Slope	1:10 ~ 1:15 customizable
Secondary Members	Galvanized C purlin, tie rod, cross bracing
Connection Method	HSFG high strength bolt connection
Wall & Roof Cladding	Color steel sheet / sandwich panel optional
Supporting Equipment Reserved	Exhaust fan, cooling pad, light system, feeding line
Design Service Life	18–25 years under regular maintenance

Applications

- Broiler chicken breeding house
- Layer hen egg production house
- Duck and goose breeding shed
- Large-scale livestock poultry farm
- Commercial automated poultry breeding project
- Quail breeding workshop

Packaging & Shipping

Hot-dip galvanized H-beam columns and beams are bundled with steel strips. Each steel member is marked with a drawing number and project code.

Galvanized C purlins, tie rods, and bracing parts are bundled separately and wrapped with PE film to prevent scratches on the galvanized layer.

Hardware including high-strength bolts, nuts, and anchor bolts is packed in export plywood cases, with a packing list placed inside each box.

Wall and roof panels are wrapped with protective PE film to prevent surface damage.

Shipment: 20GP / 40GP container; overlong steel members can be shipped via bulk vessel.

Standard export shipping marks are printed on all bundles and wooden boxes for customs clearance and on-site sorting.

Company Profile



Baodu International Advanced Construction Material Co., Ltd, established in 2010, is a leading designer, manufacturer, and exporter of industrial construction solutions. With an annual production capacity of 6 million square meters of acoustic sandwich panels and 100,000 tons of steel structures, our products serve over 30 countries worldwide. Our professional team includes senior engineers and technicians with extensive experience in major projects including Beijing Daxing International Airport and international power plant developments.

Frequently Asked Questions

Q1: Why use hot-dip galvanizing instead of paint for poultry house steel frames?

A: The breeding environment has high humidity and ammonia gas. Ordinary paint will peel off quickly. Hot-dip galvanizing provides better long-term anti-corrosion performance against the farm's corrosive atmosphere.

Q2: Can you reserve installation space for automatic poultry raising equipment?

A: Yes. We design and reserve openings and mounting brackets for exhaust fans, cooling pads, feeding and drinking lines according to your breeding equipment supplier's dimensions.

Q3: Is this poultry house suitable for tropical high-temperature regions?

A: Yes. We can design larger ventilation openings, match the cooling pad system, and use insulated roof panels to lower indoor temperature in hot climates.

Q4: Can the building be cleaned and disinfected easily?

A: The smooth wall panel surface is easy to high-pressure wash and disinfect. The steel frame will not rot like a wooden structure.

Q5: What documents can you provide for farm project approval?

A: We supply structural calculation reports, 2D construction drawings, material test certificates, installation manuals, and packing lists.



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