



# Huabo Product Catalog

Broiler-Breeder Complete Poultry Farm Equipment Solution



## Huabo In China

Huabo is one of the earliest companies in China to supply poultry equipment and a professional manufacturer with 33000m<sup>2</sup>, which is located in Hetao industrial park of Chengyang district Qingdao City. Huabo products include poultry drinking system, auto-feeding system, ventilation system, steel&plastic building system. Huabo has the ability of study, engineer designing, manufacture and installation service of poultry equipments. The decades of development made Huabo from a manufacturer to service providers which can design the complete standardized project based on professional farming perspectives and customer benefits.

What we focus on is for farming simpler, more fun, and more effective. Based on the purpose of craftsmanship spirit in the manufacture and construction, as well as service spirit in contacting with the design, we win the trust of the farmers customers.

We have about 20 distributors in various regions of Asia, Western Europe, Africa and North and South America.

We are willing to accompany customers to grow together, Huabo own reputation according to creating wealth for customers.

Huabo family tied to poultry world.



**For Broiler**



**For Breeder**

## CONTENTS

Feeding system

Drinking system

Ventilation system

Building system



Light steel structure poultry house  
Curtain system  
Egg laying system  
Plastic slat  
Lighting system

## Light steel structure poultry house



- The construction period is short, and the construction period is about 1/3 shorter than the traditional chicken house, It can accelerate the construction period of poultry house, reduce the pressure of capital occupation, reduce the risk of market change, and improve the investment benefit of farm.
- The light steel structure poultry house can greatly reduce the cost of building foundation and reduce the cost of civil foundation.
- The light steel structure poultry house tightness is good enough to make house inside no dead angle, can hide steel structure, cleaning and disinfection is especially convenient to save manpower.
- Hot dip galvanized corrosion protection, good structural design aseismic and wind resistance, use high quality insulation materials, insulation insulation sound insulation performance.
- Building materials are recyclable and environmentally friendly.

### Specification

- Single-span structure from 12m to 20m width.
- Engineer wind and snow load calculation.
- Thicker 100mm wall allow for full R12 insulation, thicker 150mm roof allow for full R18 insulation.
- Modular panel design, easy and quick for installation.
- One floor , two floor building and cage building.
- High tensile structural steel structures such as column, truss, roof purlin, wall framing and etc.

One floor building



Two floor building



Cage building



## Structure installation



## Truss & column installation

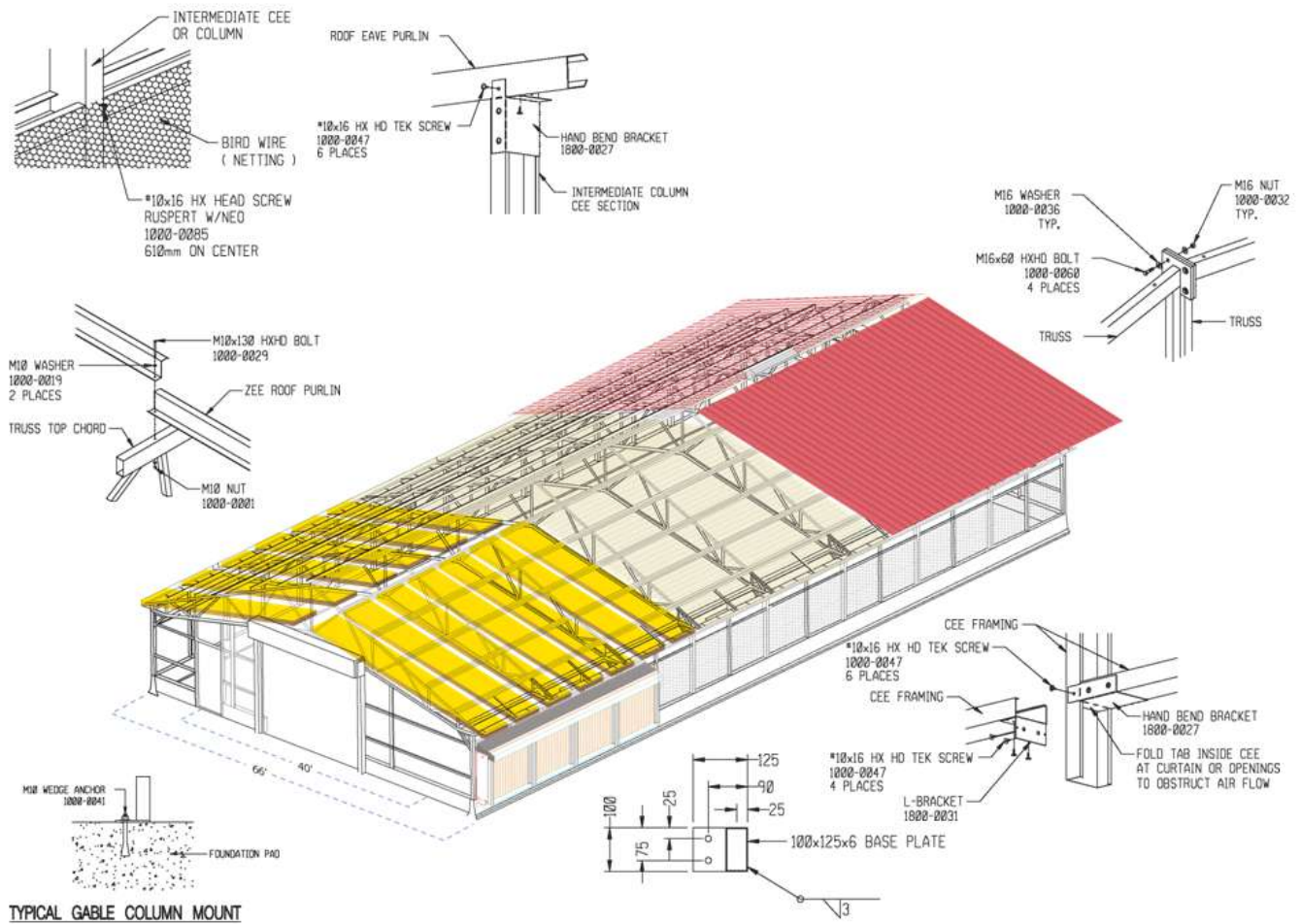


## Material

- High strength and durability , 20% to 60% higher in yield strength , and structures are about 20% lighter G90 Zinc coating and corrosion resistance.



## Drawing sample



## Structure connection



## Roof



## LDPE film for vapor barrier



## Wall and roof insulation

- Wall insulation:  $R12$  ( $2.11 \text{ K} \cdot \text{m}^2/\text{W}$ )

- Roof insulation:  $R18$  ( $3.17 \text{ K} \cdot \text{m}^2/\text{W}$ )



## Design for Seal



## Insulation doors & accessory

Insulation steel door



Double insulation steel door



Fiberglass insulation



## Curtain system



- curtain system is drop down system, including galvanized support pipe, pulley, nylon rope, curtain, winch. Curtain system is designed for open poultry houses in high temperature districts. The curtains can replace an entire wall or parts of the wall and are also operated as a ventilation system for the poultry house.

## Specification

Material	High quality PVC
Color	Regular color is white&black,color can be customized
Weight (g/m <sup>2</sup> )	380g/m <sup>2</sup>
Width	Regular width is 3.2m,which can be cut or sewn as clients' request
Length	Standard length is 50m

## Manual egg nest



- Made of 0.5mm(GB standard) hot galvanized sheet,zinc coating 275g/m<sup>2</sup>.
- Egg nest trays are made of PP modified material, galvanized material available too.
- The pedal is made of qualified wood, smooth surface without burrs, comfortable for birds.
- Anti-perch structures keep surface clean.
- Air holes on side sheet keep fresh air in. Comfortable laying condition reduces floor and slat eggs.
- Different location of egg nest according to customer's request.

## Specification

Model 1525	Roof degree	32°slope
	Hole size	L355*W482*H192mm
	Outer size	L1525mm*W927mm*H1072mm
	Weight	40kgs
Model 1800	Roof degree	32°slope
	Hole size	L355*W492*H192mm
	Outer size	L1800mm*W927mm*H1072mm
	Weight	51.5kgs

## Automatic egg nest



- Learning from foreign advanced design experience of similar products; make the breeder a comfortable egg laying condition.
- Good ventilation design to ensure the normal using in summer.
- Friendly design of egg collection table easy for collecting eggs.
- Take full consideration of breeder raising request, it left with passageway every 4.88 meter to convenient chicken flock activity. (Stainless steel roof cover, corrosion-resistant.)
- Set with cover at nest exit to prevent the hen from brooding in nest.
- It's with anti-roost flap to prevent the chicken roost on the top.
- Suspended system is convenient for house cleaning.
- Egg belt is from Europe, minimum tensile strength, long usage life.
- The nest pad is from Europe professional manufacturer, non-toxic and tasteless. Moderate elasticity can prevent egg damage; meanwhile effectively remove the surface dirt on eggs.

## Specification

Model	16 holes for broiler, breeder	20 holes for layer and layer breeder, side-belt
Length	2440mm	2440mm
Width	860mm	860mm
Height	610mm	610mm
Hole size	16 holes	20holes
Width	240mm	200mm
Height	200mm	200mm
Depth	310mm	310mm

## Detail Technical Parameter

Item name.	Material/Parameter	Origin country/brand
Auto-nest main structure	Hot Dip galvanised sheet, Zink coating 275g/㎡ Thickness of the sheet, 0.5mm	CHINA
Passageway cover	304 Stainless steel, thickness, 0.5mm	CHINA
Electrical component		SCHNEIDER
Frequency changer		ABB
Drive bearing		JAPAN
Motor	0.37KW	ITALY
Egg collection belt	Width: 100mm	ITALY
Mat	Size: 298mm*142mm	BELGIUM
Speed of the belt	0-12M/MIN infinitely variable speeds	ITALY

## Plastic slat



- Comfortable and anti-skid slat,to increase fertilization rate.
- Smooth surface avoid damage to bird' s breast and feet.
- Special designed holes, keep slat clean and no-touch with birds.There is no blind angle, easy for cleaning,avoid insert problem.
- Simple,fast installation and disassembly.
- All parts made of high-strength engineering plastics,with reinforced treatment to get better wear-resistant.
- With plug-in structure,easy for assembling.
- The height can be adjusted and customized according to different type of birds.
- Material:UV -PP
- Size:615mm\*565mm.

## Components

### Slat floor



- Material: PVC with UV.
- Modified and purified raw plastics.
- High intensity and durability.
- Anti-corrosion.
- UV and anti-aging.
- Easy clean.
- Reasonable design of the hole size(20mmx24mm) can avoid the baby chicken drop and hurt of bird foot.
- Size: 620mmx570mm.
- Service life: More than 10 years.



#### Beam

- Material: PVC
- Length: 6m/pc Height: 9cm and 12cm



#### Slat leg

- Material: PVC.
- Yellow support base: ABS material.
- Regulating screw and cover: ABS material. Easy to adjust the height.
- Maximum height can be adjusted to 11cm.

## Lighting system



- Lighting system for broilers, breeders, and birds' rearing period.
- For Broilers  
Lighting plays an important role in the challenging growth process of a broiler. Our goal is to have the best possible lighting climate while offering an efficient cost-effective solution.
- For Breeders  
Our lighting solutions help optimizing the production results of breeders. Day length is an important factor in the laying process of broiler breeder. Varying day lengths and wave lengths affect the reproductive characteristics.
- For Rearing  
During rearing, good lighting helps to control the growth process and sexual maturity of the birds.