



## Fully Automatic H Type Layer Chicken Cage System Corrosion Resistant

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Farmrob
- Certification: ISO9001
- Model Number: H Type
- Minimum Order Quantity: 200 sets
- Price: USD 65-200/set
- Packaging Details: Normal export packing 20ft / 40HQ container
- Delivery Time: 60days
- Payment Terms: L/C,T/T
- Supply Ability: 50000 sets per month



### Product Specification

- Brand Name: Farmrob
- Product Type: H Type
- Tiers: 3 To 12 Tiers
- Material: High-content Al Series
- Cage Size: 1800x600x430mm, 1800x650x430mm, 1800x650x450mm
- Cage Capacity: 144-648 Chickens Per Set
- Area/Bird(c): 434/450 C
- Application: Poultry Farm, Chicken Farm, Breeding Farm
- Feeding System: Automatic Feeding System
- Name: H Type Layer Chicken Cage System
- Drinking System: Automatic Drinking System
- Highlight: **Automatic Layer Chicken Cage System, H Type Layer Chicken Cage System, Automatic Chicken Cage System Corrosion Resistant**

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## Fully Automatic Layer Chicken Equipment Battery Cage Corrosion-Resistant Material

Chicken cage systems include:

1. Cage Frame System
2. Trolley Feeding System
3. Drinking System
4. Manure Cleaning System
5. Egg Collection System
6. Ventilation and Cooling System
7. Lighting System
8. Automatic Control System
9. Disinfection System

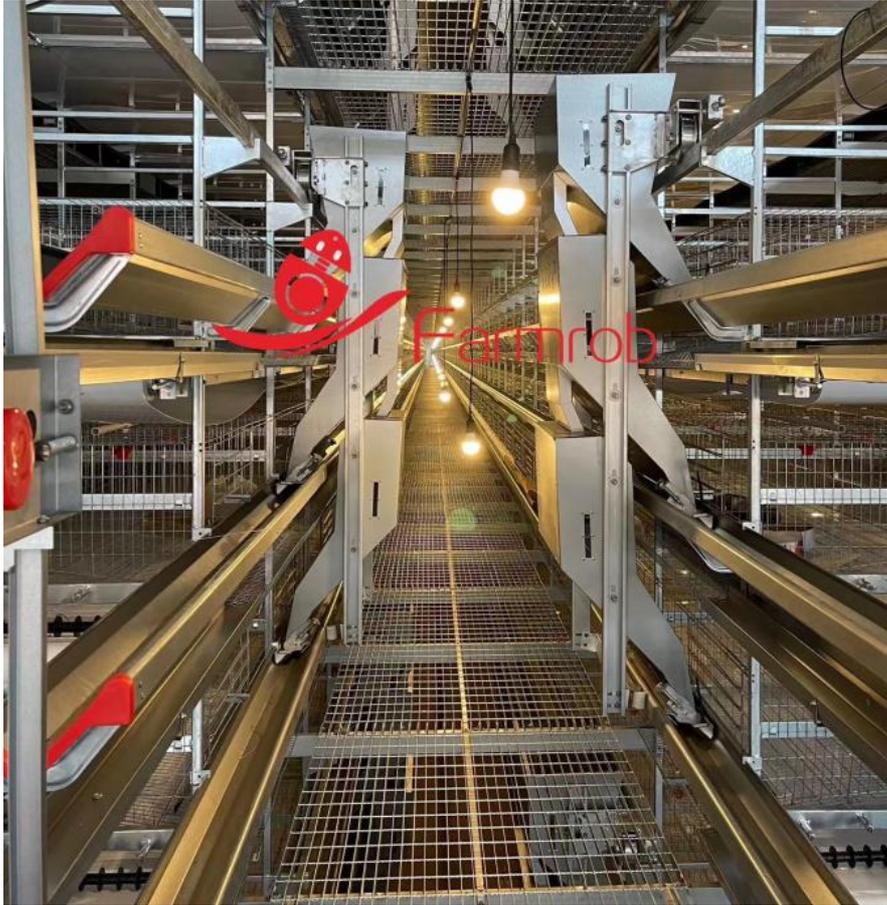
### Cage Frame System

The bracket and feed troughs are made of zinc-aluminum-magnesium alloy materials (zinc 275g/m<sup>2</sup> , aluminum 11% , magnesium 3% ), with strong anti-corrosion performance and long service life. The vertical beam of the bracket is a high-strength plates 40mm\*30mm. The thickness of the feed trough is 1.0mm ± 0.05mm. The mesh is made of aluminum-zinc alloy wires (aluminum 10% , zinc 275g/m<sup>2</sup> ), with excellent anti-corrosion performance, no burrs, good elasticity, and reduces broken eggs.



## Trolley Feeding System

The patented designed trolley feeding machine has a simple structure, uniform feeding and easy operation; each hopper is equipped with a transparent observation port, and the hopper is large to meet the requirements of back and forth feeding. Each hopper is equipped with a dust-proof cover to reduce dust.



## Drinking System

Double water lines, each cage is equipped with a water line. It is convenient to check the water pipe and nipples. The patented structure of double-needle cassette nipples can effectively prevent debris from blocking the nipples. There are double water supplies at the front end of the house, fully meeting the drinking water needs of the chickens. Beautiful layout, with single row control and easy operation. Terminal drainage and backwash water device can directly discharge the dirty water from the flushing water line outside the house.

## Manure Cleaning System

The head frame device for manure cleaning adopts a plastic nylon spiral driven wheel at the front end to prevent the manure cleaning belt from wandering and effectively remove accumulated manure. The support of driven device in the middle of manure cleaning device is made of zinc-aluminum-magnesium alloy material, which has good strength, high anti-corrosion performance, and no burrs on the surface, eliminating the scratch of the manure support frame on the manure cleaning belt.

## Egg Collection System

The egg collection machine adopts high-strength chain transmission, which runs more smoothly, has an extremely low maintenance rate, and has a quite stable performance; The egg belt is made of high-quality polypropylene (PP)

material, with strong tension and resistance, to prevent egg displacement and effectively reduce cracked eggs; The egg leakage device screens out broken and soft eggs to reduce cross-contamination of dirty eggs.

### **Ventilation And Cooling System**

The Munter AC2000 controller has stable performance and precise control. The cabinet-type electrical control cabinet is beautiful, stable, and intensively controlled, and is both equipped with automatic and manual control. The wind deflector adopts 30/50mm insulation board with aluminum alloy frame. AC2000 automatic control, with wind curtains on the side, effectively controls the inlet wind direction. The anti-pulling device of the guide plate and side air window prevents the motor from excessively pulling the wire rope due to workers' misoperation or power failure, causing the wire rope break.

### **Lighting System**

Adopting ShengXing Technology's LED red light bulbs special for animal husbandry, along with a dimming system to adjust the light intensity, achieving gradual brightening and dimming of the light, timed switches, and separate control, etc., to reduce the stress, the pecking of the anus, and egg pecking in chickens.

### **Automatic Control System**

The independently developed and produced electrical control system has powerful functions and stable performance. It is equipped with branded electrical accessories, and overheating protection and overload protection.

### **Disinfection System**

Stainless steel pipes and copper nickel-plated nozzles. There is a line on the top of each row of cage. It has a good atomization effect and plays a good role in disinfection and dust reduction.

### **Advantages**

1. The cage frame and feeding trough are made of magnesium-aluminum-zinc alloy material.
2. The mesh is made of high-quality aluminized zinc wire, which is elastic, has a smooth surface, and does not require surface treatment or grinding after welding, causing no damage to the chicken body and feet.
3. The distance between the two layers of cages is up to 700mm, which is conducive to ventilation and lighting and avoids chickens pecking at manure.
4. The rear mesh is encrypted to reduce mutual pecking among chickens.
5. The feeding trough is formed in one step by a CNC cold bending machine. The bottom is inclined and does not accumulate materials.

Talk with us now, we will introduce suitable cage and equipment to help you set a modern farm and get more profit.



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