

High Level Cascade Laying Hens Farming Equipment System

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China Ruihang Group



Pioneer of ultra-high level thermostatic breeding equipment
Pioneer and pioneer of digital farm management theory $\pm 1^{\circ}\text{C}$ temperature difference breeding environment control experts



Laying hens breeding ultra-high level thermostatic laying hens breeding equipment

Intelligent Laying Hens Breeding Equipment



Super high-rise constant temperature laying hen breeding equipment

As a leader in the livestock equipment industry, China Ruihang Group has pioneered the new concept and mode of ultra-high-level thermostatic breeding equipment, and applied this mode to 60+ countries and regions around the world. At present, nearly 1,000+ large-scale farms have adopted the ultra-high-rise thermostatic breeding equipment, which has achieved remarkable feeding effect and economic benefits.

60⁺ Country and area

Adopted by nearly 1000⁺ large-scale farms

The structure of the equipment is frame type, which is easy to disassemble, maintain and install.

Ultra-height thermostatic egg-laying equipment

Facilities with more than 6 floors are called super-high rise



Overall Advantages of Egg Breeding Equipment



鸡舍
Ultra-height
Thermostatic Laying
Hens Breeding Facility

core technology

Thermostatic chicken house
design and breeding
environment construction



Zoned Thermostatic
Environmental
Controllers
and software design



Design of ther
mostatic chicke
n-equipment



resolve a difficult problem



High farming
costs, labor
costs, land
costs,
construction
costs, time
costs



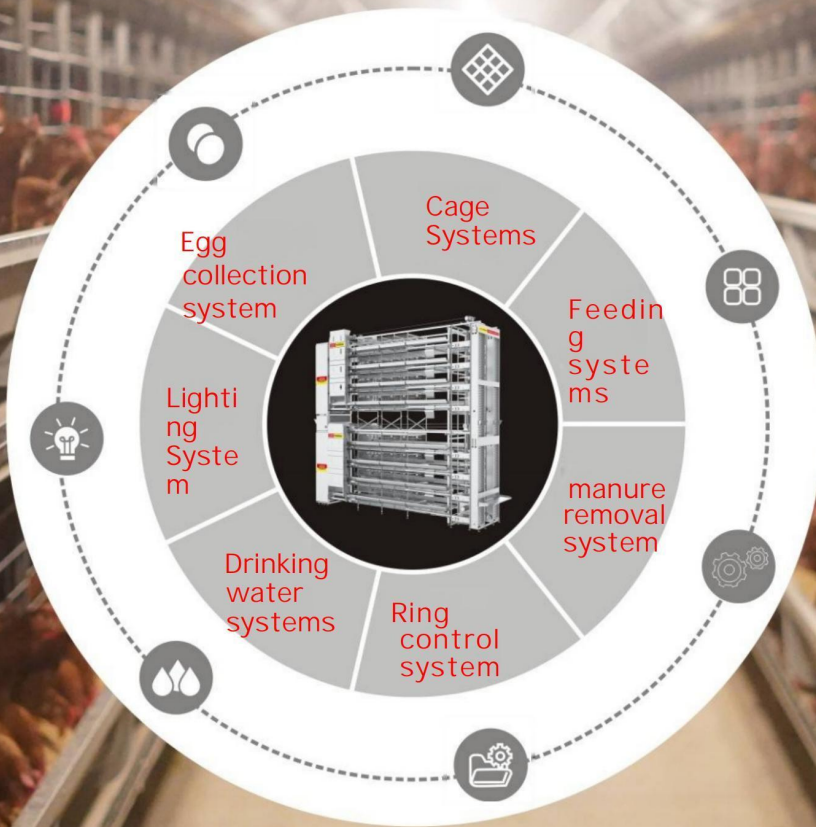
Enabling higher
farm profitability
and improving
the productivity
and
competitiveness
of farming
enterprises.



Digital Internet of
Things (IoT)
connects production,
operations, and
strategy to ensure
stable and rapid
growth.

form a complete set

Complete egg-laying equipment



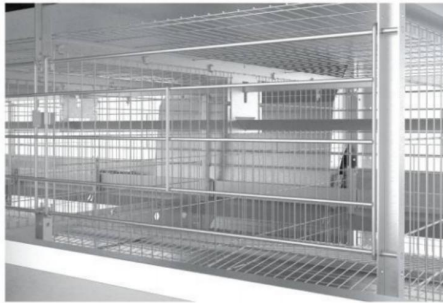
Ultra-height thermostatic egg-laying equipment



Intelligent egg packaging and grading equipment)

Ultra High-Level Constant Temperature Layer Breeding Facility

Cage system

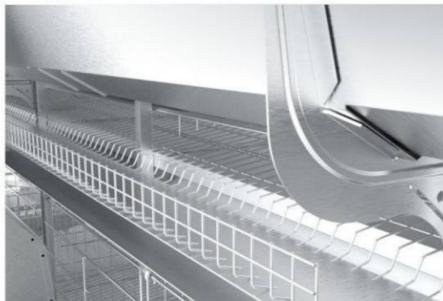


The cage door is designed with sliding grill, which makes it more convenient and flexible for poultry transferring in and out and epidemic prevention operation, and the large cage door is more suitable for adult chickens' body size. The wire mesh is made of zinc-aluminum alloy wire, which is 3-4 times more corrosion-resistant than general galvanized wire mesh.



The bottom of the cage is made of high-toughness wire, which allows the eggs to roll onto the egg transfer line in one piece and at the same time ensures that the bottom mesh springs back automatically after deformation.

The partitions are made of high-quality materials, which effectively support the cage mesh and ensure the stability of the equipment.



The egg cushioning device slows down the rolling speed of the eggs, so that the eggs can fall onto the egg belt in a steady and complete manner, thus effectively reducing the rate of egg breakage.

Egg collection system



Gentle egg collection and transport reduces human contact with the chickens and reduces the chance of cross-contamination.

Drinking water systems



The nipple drinkers are designed on both sides of the screen so that each hen can drink easily.

Manure removal systems



Regular cleaning of chicken manure, wet chicken manure can be directly into the intelligent chicken manure air-drying equipment, to provide a good hygienic environment for chickens to ensure healthy growth.

Feeding systems



Feed delivery systems offer high operational efficiency, more uniform feeding and longer service life.



The deepened V-shaped trough prevents chickens from wasting material by lifting it during feeding.

Ring control system



The comfortable temperature and humidity control system keeps the chickens in optimal growing condition.



Lighting System



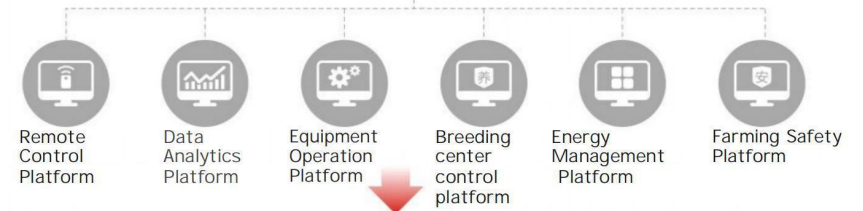
Uniformly distributed lighting system, simulating natural sunrise and sunset, improves egg production.



Ultra-height thermostatic egg-laying equipment



Digital Ruihang Cloud Control Platform



Application Terminal
(data centers, monitoring screens, computers, tablets, mobile phones)

Providing real smart farming empowerment for farming enterprises. Wanhua has now launched a full set of solutions that It allows each module to realize the collaborative effect of 1+1>2. The result is a cost-effective and efficient production performance.