




新乡市卓一智能机械有限公司
XINXIANG ZHUOYI INTELLIGENT MACHINERY CO.,LTD


AUTHORIZED DEALER IN INDONESIA


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ROSEN

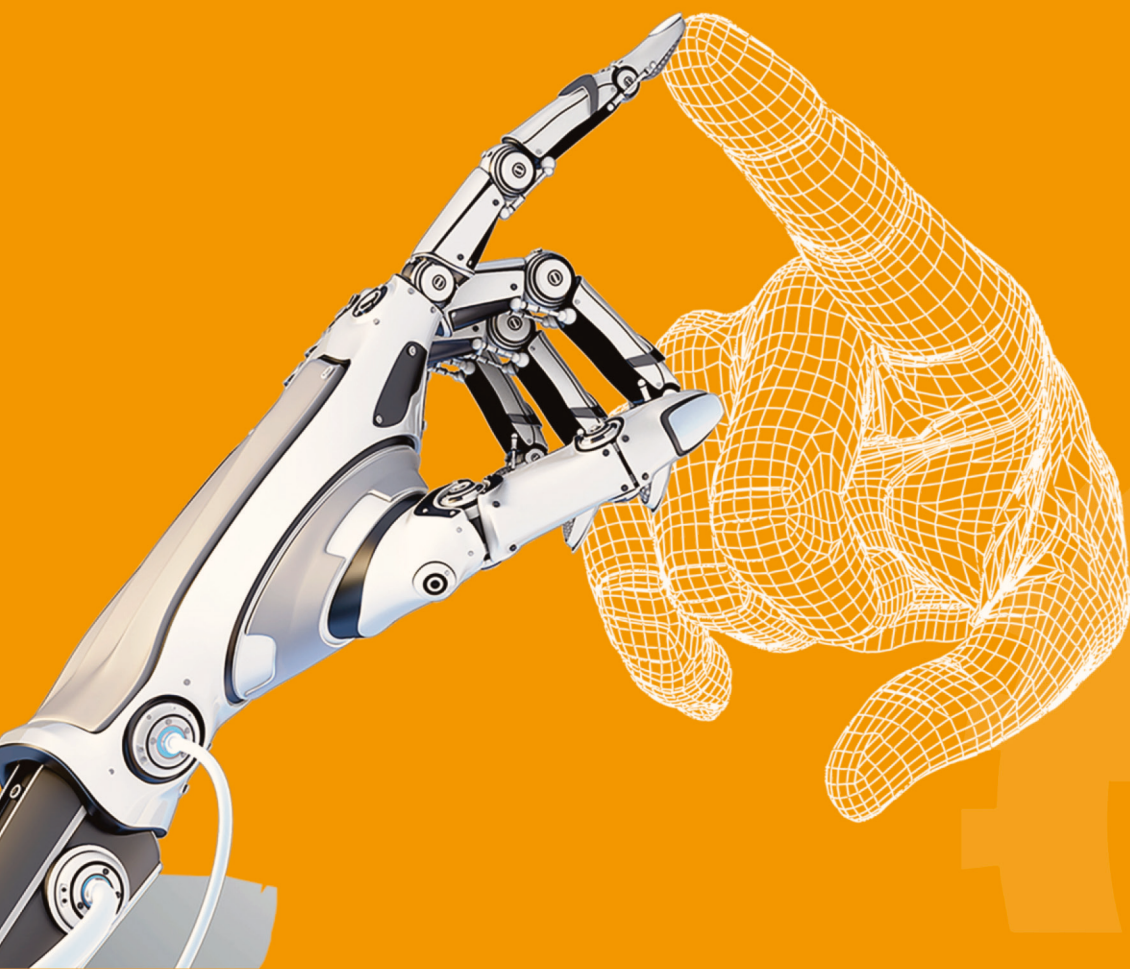


公司起源于 上世纪九十年代

新一轮工业智能化浪潮已经逐步展开

Products originated in the 1990s

A new wave of industrial intelligence has gradually unfolded



The number "1" in this sign represents the first of Zhuoyi Animal Husbandry.

At the same time, it also symbolizes the company's determination to lead the pioneer of the Chinese farm industry.

It represents the company's fully intelligent automatic CNC equipment.

Yellow symbolizes animal husbandry blue symbolizes technology and the future.

Xinxiang Zhuoyi Intelligent Machinery Co., Ltd. will carry out the automation and intelligent route to the end.

Make breeding simple and efficient. make Zhuoyi constantly strives.

Improve its brand image.

卓越不凡 一启未来

OUTSTANDING AREVELATION TO THE FUTURE

BUSINESS PHILOSOPHY

Let every farmer feel the fast service.

OUR GOAL IS TO BE AS GREAT AS THE MTP

Help breeding farms grow,improve the chicken house.
environment, and promote the green development of breeding
industry.

快乐农场即
EBI(Easy Benefit Intelligence)Farm

Easy Farm
极少的运维人员 舒适的用户体验

Benefit Farm
全新的养殖模式 更多的经济效益

Intelligence Farm
大数据物联系统 智能养殖新时代

『惟专注，故专业，惟先行，故领先』
INNOVATION
创新

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Enterprise Profile

新乡市卓一智能机械有限公司起源于上世纪，服务家禽养殖行业三十余载，是一家为家禽养殖农场提供全套自动化养殖设备及方案的领军企业。

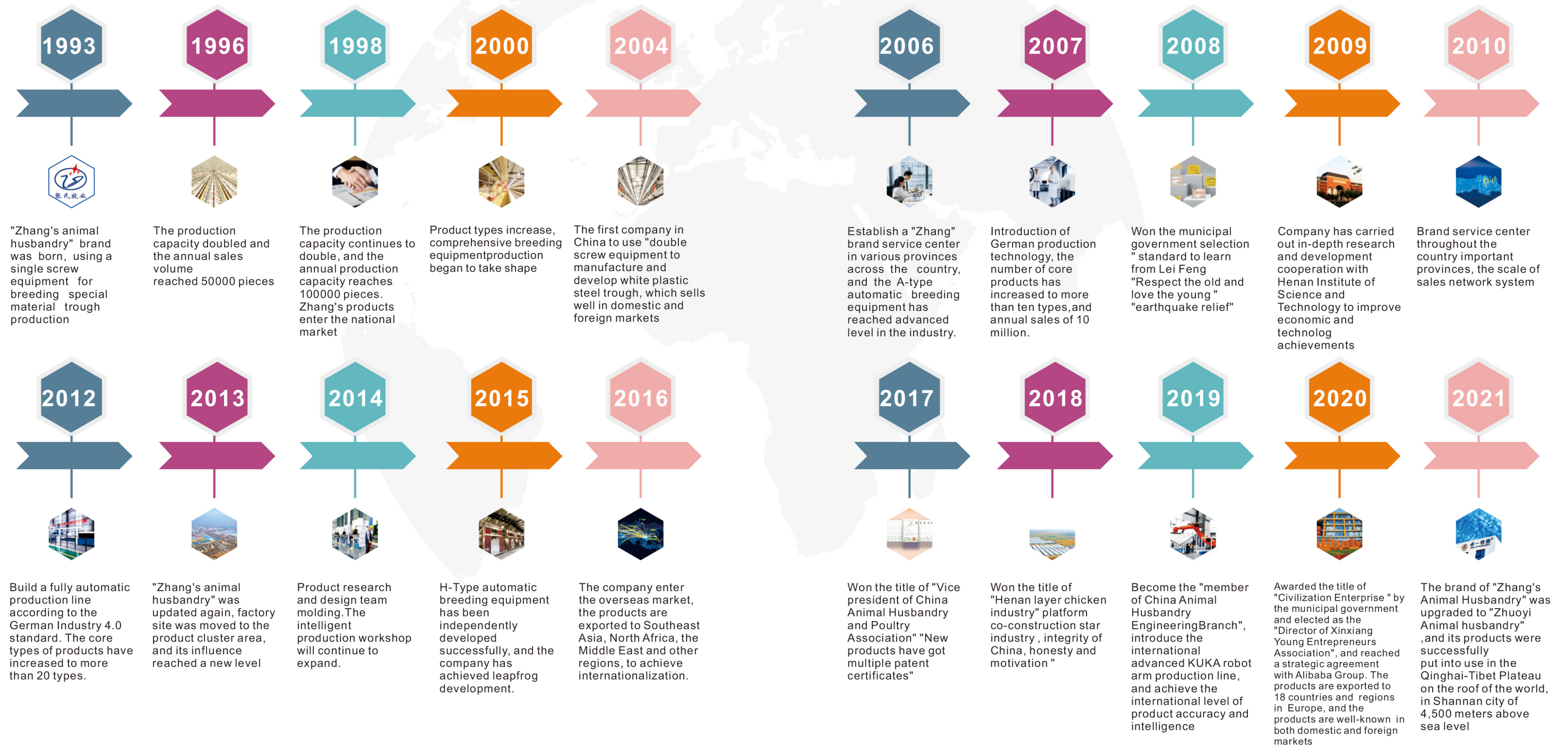
本着“帮助养殖农场成长，改善禽舍环境，推动养殖行业绿色健康发展”的宗旨，立足生产，为客户提供高品质、高效能、高度智能化的产品。以来自家门口的服务，打造‘快乐农场’为客户提供更加便捷、舒适的用户体验。

Xinxiang Zhuo Yi Intelligent Machinery Co., Ltd. originated in the last century, serving the poultry farming industry for more than 30 years, is a leading enterprise providing a full set of automated farming equipment and solutions for poultry farms.

With the aim of "helping poultry farms grow, improving the environment of poultry sheds and promoting the green and healthy development of the farming industry", we are based on production and provide customers with high quality, high performance and highly intelligent products. With the service from the doorstep, to create a 'happy farm' to provide customers with a more convenient and comfortable user experience.



Development History





Our Honor

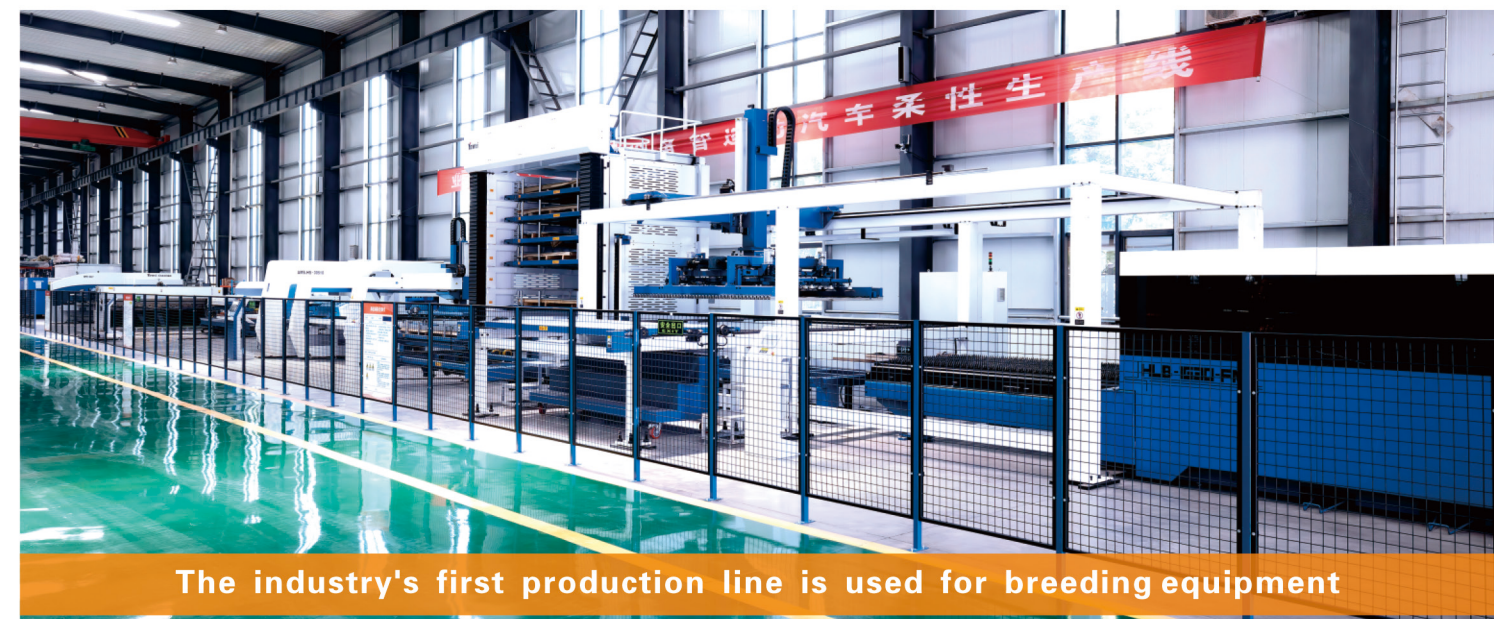
Quality bears quality honor witnesses strength





Walking Into Zhuoyi

Focus on details
details determine success or failure



The industry's first production line is used for breeding equipment



Industrial 4.0 standard intelligent workshop automation,
intelligence, environmental protection and sustainable ecological development era





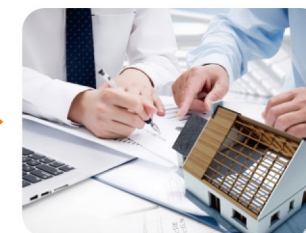
Cooperation



We Provide One-stop Solution



Program consultation



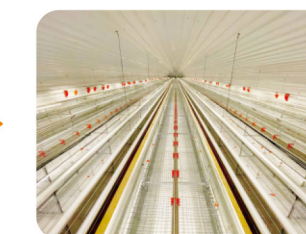
Engineering design



Cooperation signing



R & D and manufacturing



Assembly Test



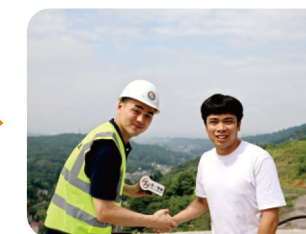
Delivery Service



Project installation



Project acceptance



after-sales service



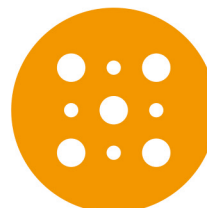
H-TYPE LAYER EQUIPMENT



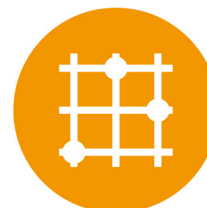
Gold Slip Egg Protection
Transport



high precision
collecting egg



Feeding without dust



cage mesh and multi-rib
bottom support



no residue manure
cleaning



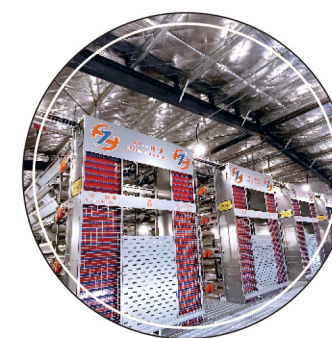
high precision
egg ratio



egg baffle design
anti-egg collecting

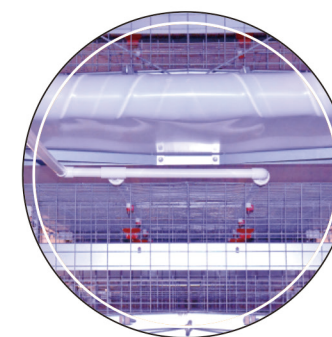


fabricated structure
design



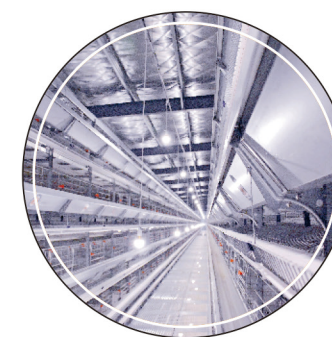
Automatic egg collecting system

Through the egg collecting system, the eggs are transported from all parts of the chicken house to the egg collecting area at the front of the chicken house. And then sent to the egg depot for centralized processing by the central egg transmission line. In addition, each part of the egg collecting machine is equipped with a cleaning brush and soft egg separation device for preliminary cleaning and screening of eggs. The central egg chain adopts the chain design, and the transmission efficiency is 50000-60000 pieces / hour. The length can be customized according to the actual situation, to meet the diverse needs of uphill, downhill and turning in the process of egg transportation.



Automatic drinking system

Water source through multiple purification, the safety factor is higher, poultry drinking sanitation without disease. The medicine add process is completed automatically by the medicator, and the operation is simple and efficient. The daily cleaning process is very convenient. Double waterline design to ensure that the bilateral cage chickens get more adequate drinking water. The pressure regulating valve ensures the uniform water pressure inside the waterline and ensures the daily stability of the whole drinking water system.



Lighting system

Special variable light LED bulbs for breeding, drop type distribution, to meet the daily lighting needs of 3 to 12 layers of H type layer chicken house. Bionic design mimics natural light to avoid the occurrence of chicken stress caused by strong light stimulation. And the light time, duration and intensity can be set freely according to the actual needs, so that the layer hens can live more comfortably and the egg production rate is higher.



Automatic feeding system

The feed box adopts the integrated design, the whole seamless, reduce the production of dust and moisture entry. Each floor is equipped with an observation window, which can grasp the remaining feed at any time and facilitate daily management and adjustment. The feeding car is equipped with a special brush, which can clean up the feeding trough in the feeding process and reduce the workload of farmers. The crane is equipped with a chicken driving rod, which can avoid the phenomenon of injuring chickens in the daily operation of the crane. The feed silo delivers the electronically weighed feed to the feed box through the plug plate feeding line, so as to realize accurate feeding, uniform feeding and ensure the feed-egg ratio.

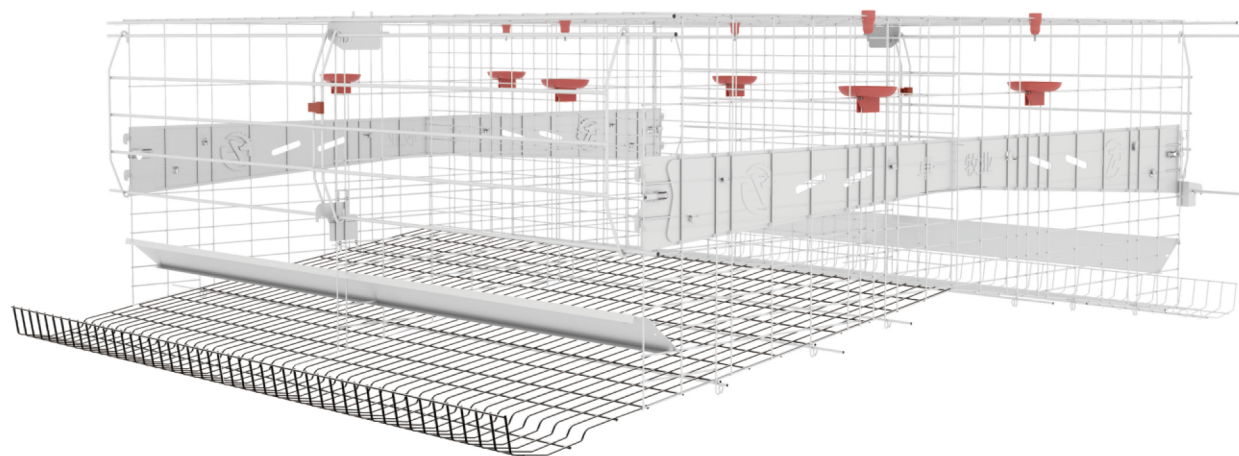


Manure-removing system

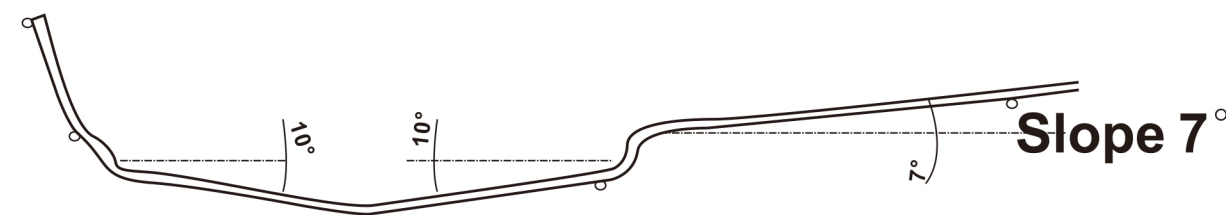
Through cloud data system analysis, the manure will be cleaned automatically and regularly. The cleaning belt is made of international standard PPED material, and the cleaning roller shaft is covered with natural rubber material. The roller shaft has good elasticity and longer service life. Zhuoyi animal husbandry has a unique five-way cleaning scraper design, to ensure that the equipment clean and efficient in the process of manure cleaning. All details of the manure collecting board design, to prevent chicken manure from falling into the trough, to avoid the phenomenon of infection caused by mistake.



3D DIAGRAM OF H-TYPE LAYER EQUIPMENT



BROKEN EGG RATE

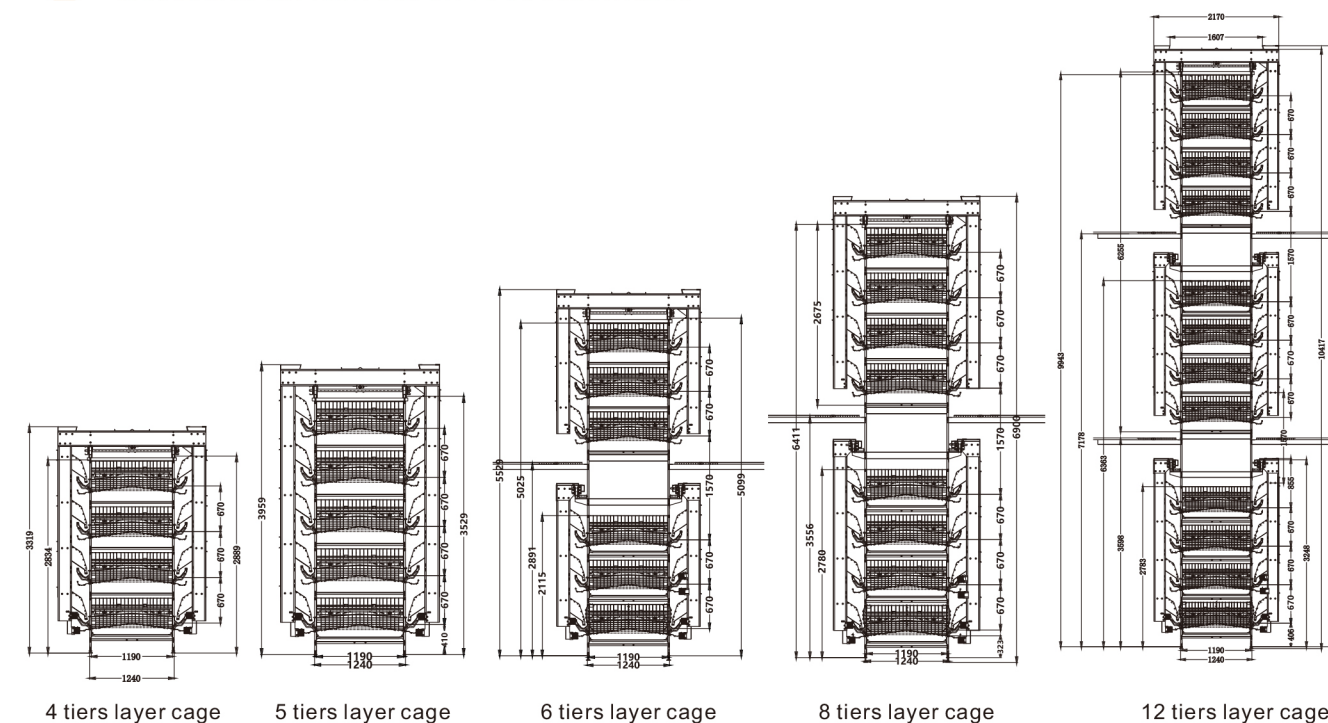


- Laminated automatic laying equipment, cage frame system bottom net selection of high quality zinc aluminum wire, smooth surface, uniform welding spot without burr, corrosion and resistance. The oxidation function of ordinary galvanized steel wire is about 3 times.
- It has excellent shrinkage and stretching properties, and produces magical "trampoline effect" with chickens, and the standing comfort of chickens is better.
- The unique 6-8° gold slope design enables eggs to roll smoothly from all parts of the coop to the egg collection belt, reducing the rate of broken eggs and improving the ratio of feed to egg.

MAIN TECHNICAL PARAMETERS

Cage parameters	1150*620	1200*600	1800*600
Cage length/mm	1150	1200	1800
Cage depth/mm	620	600	600
Cage height/mm	450	450	430
floor height/mm	670	670	670
area per bird(cm2/bird)	450	450	450
cells cage	2	2	4
birds number of cell cage	8	8	6

CROSS SECTION DIAGRAM



4 tiers layer cage

5 tiers layer cage

6 tiers layer cage

8 tiers layer cage

12 tiers layer cage



H-TYPE BROILER CAGE EQUIPMENT



cage door operation
convenience



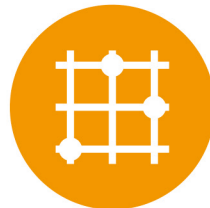
Drinking water easy
control/self-adjustment



bionic light system



precise meat ratio



integrated pads without hurting
chicken/leakage chicken



cage position scientific
ventilation excellent



selection of materials can
be used for 20 years

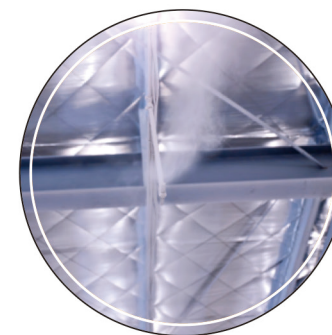


High efficiency of
grabbing and feeding



Cage network system

The bottom network is equipped with a protective pad, and the chicken stations are highly comfortable, eat well, and gain fast weight. The H-type broiler cage door adopts the bilateral opening cage frame structure, which is more convenient in daily operation management, and the efficiency is higher when entering and exiting chickens. The overall cage frame is designed with prefabricated structure, the installation accuracy is higher, the installation speed is faster, the finished product zero error, and the production efficiency is better.



Spray disinfection system

The internal spray disinfection system of the chicken house adopts an import host, and the nano-level disinfection sprinkler can complete the internal disinfection of the chickenhouse in a very short time. While disinfection, the fog-shaped water source can accelerate the air setting speed in the chicken house, reduce dust, ensure air quality, and reduce the occurrence of respiratory diseases of meat chicken groups. Ensure the safety of the daily biological prevention



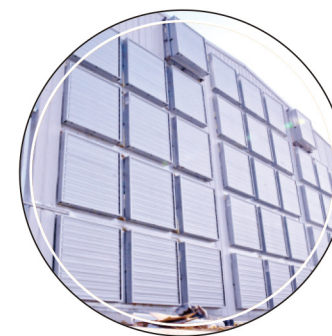
Feeding system

Accurate engineering box design, in the precise measurement of broilers to ensure the meat ratio. Each layer has an observation window, can grasp the remaining material at any time, facilitate the management in the daily feeding process. The driving box is equipped with a multi-angle cleaning brush, which is cleaned in the process of daily feeding to reduce the daily workload. Automatic cloud data feeding, smooth operation, uniform distribution.



Environment control system

The international first-class "linear ventilation" concept is adopted to accurately control the whole chicken house. The temperature difference between the details is within 2°C, so that the broiler group from small to large is in a comfortable and scientific environment, and to better achieve the fattening effect. All the control electrical components are using Siemens, Schneider and other well-known brands, good quality, high stability, to avoid the huge economic losses caused by the collapse of the environmental control system.

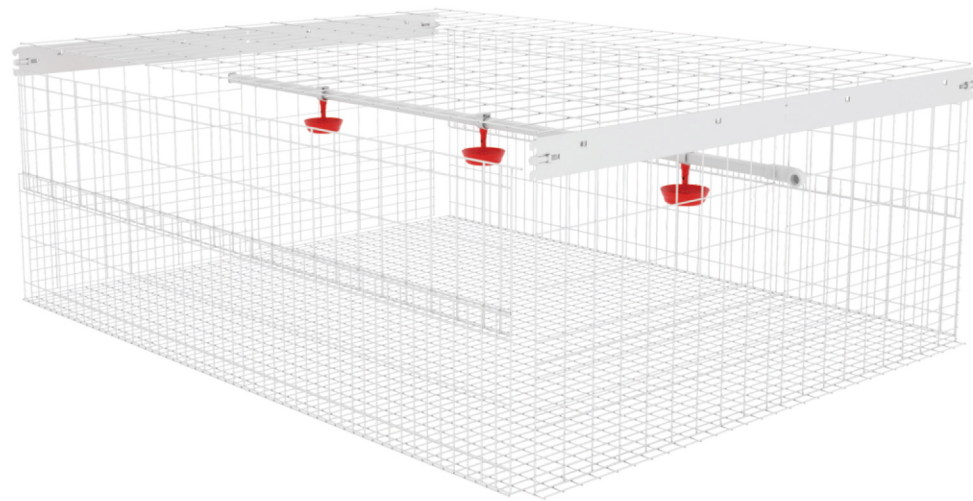


Ventilation system

Directors adopt rack design, group control, tightening of machinery, and excellent sealing. The application of the tooth metal material is more stringent than the derivative board designed by the pull rope. It also avoids the phenomenon of lax and closing strictness due to time. The temperature of the chicken house is maintained in the best state



3D DIAGRAM OF H-TYPE BROILER CAGE EQUIPMENT

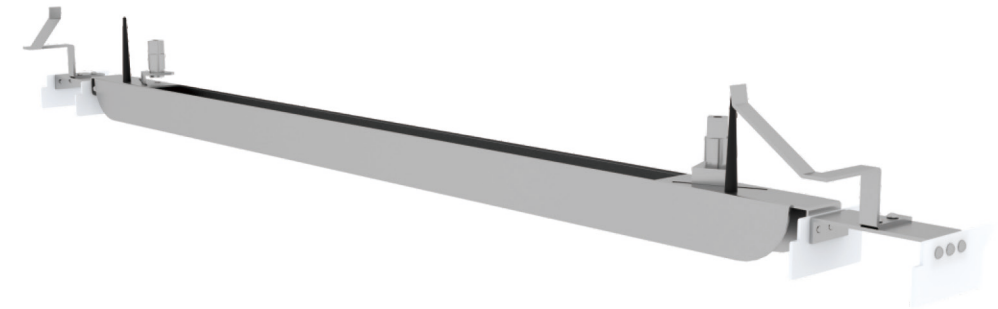


MAIN TECHNICAL PARAMETERS

Cage parameters	1250*1000
Cage length/mm	1250
Cage depth/mm	1000
Cage height/mm	400
floor height/mm	580
area per bird(cm2/bird)	568
cells cage	1
birds number of cell cage	22



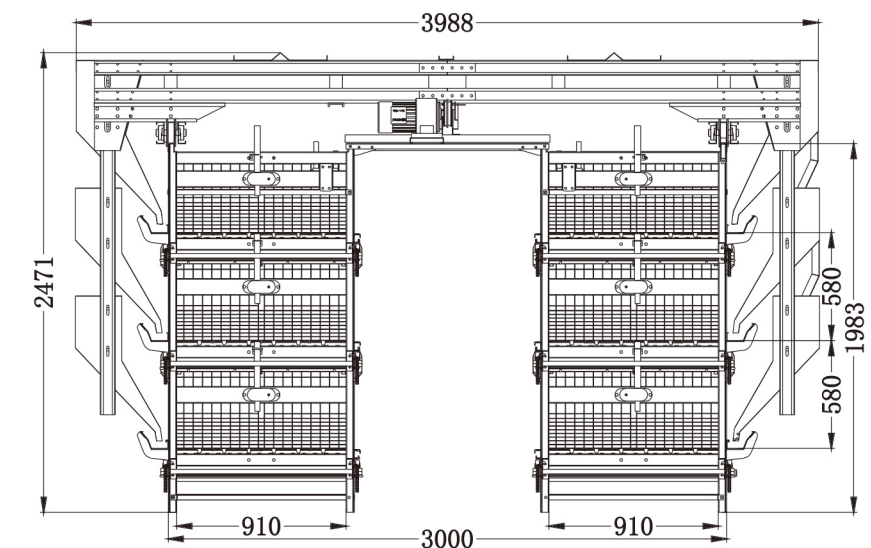
FEED MEAT RATIO



- ◎ Cascade automatic broiler equipment, using double side door cage frame structure, more convenient daily management.
- ◎ And broiler special ABS alloy trough, smooth surface, easy to eat, more durable material.
- ◎ Waterline linkage lifting device, to ensure that can meet the drinking water needs of chickens at different stages.
- ◎ Skip car traction system is equipped with tension device, effectively reduce wire rope slip phenomenon.
- ◎ Scientific design to meet the requirements of fast growth and safety of broiler chickens, to help customers achieve maximum economic benefits.



CROSS SECTION DIAGRAM



3 tiers broiler cage



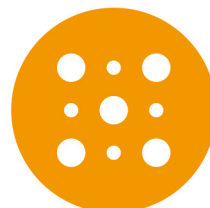
H-TYPE PULLET EQUIPMENT



corrosion resistant design



artificial application



Patent goose egg hole



adjustable double
drinking water



five processes without residual
manure cleaning



accurate feeding



intelligent control room
temperature

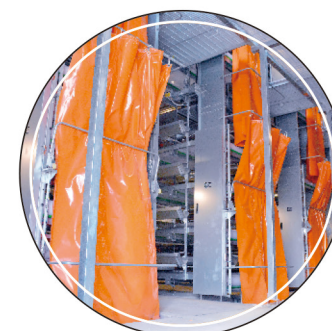


assembly engineering
design



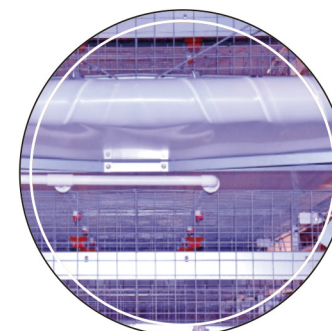
Cage network system

According to the different growth needs of chicken breeding within 1 to 105 days, the cage can be personalized bionic design in two stages of brooding and rearing, to make the chicken more comfortable during the growth process. The bottom net is equipped with a small foot pad humanized design, in the whole process of breeding to ensure the survival rate.



Manure removing system

Each layer is equipped with a patented 5-channel scraper design, which ensures that the equipment is clean and efficient in the process of defecation. Each layer at the tail end of the longitudinal fecal transport is equipped with left and right fecal gathering plates to prevent the manure belt from running away due to the chicken manure entering the collection wheel. The side excrement baffle is added to prevent the excrement from falling into the trough, which will lead to the ingestion of chicken excrement during the breeding process of chicken and the infection of diseases.



Drinking system

Bionics drinking water nipple design, sufficient and large water supply. While providing sufficient drinking water for the chickens, it also avoids the wet and loose feces in the belt of the chicken house when collecting water. The automatic backwashing device is very convenient in the daily cleaning process. The humanized design of the overall water line linkage up and down to meet the drinking demand of chickens within each age.



Environment control system

All system ports can be linked to the environmental control host, and more than 50 items of data such as chicken house heating control, temperature detection, humidity, wind speed, light, day age and feed intake can be unified management, ensuring the survival rate of chicks from all aspects.

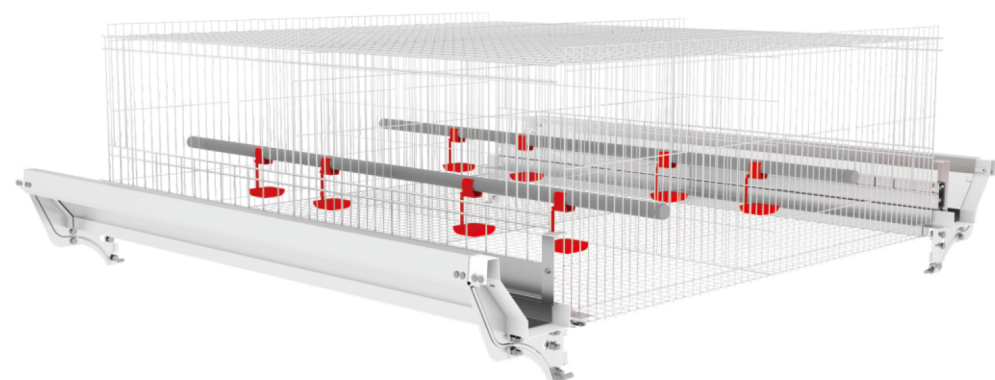


Heating system

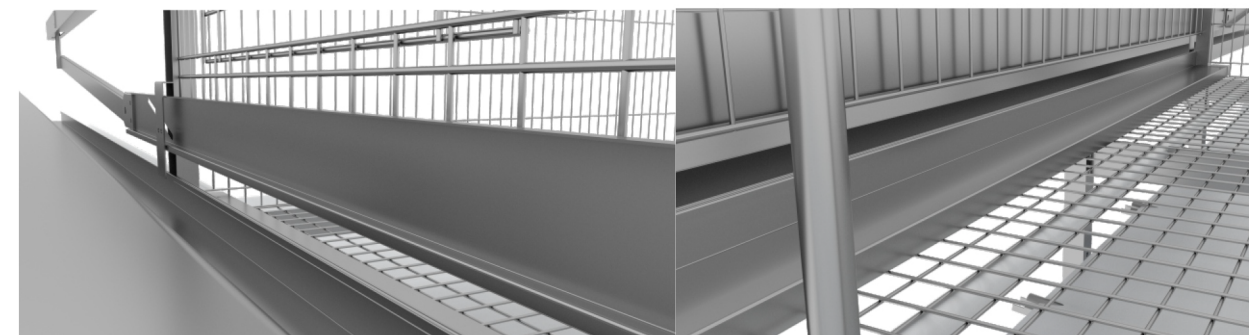
A variety of heating methods such as underground heating pipe heating, coal furnace wall heating, protective umbrella heating, cage frame bottom heating system and so on can meet various environmental requirements, ensure a comfortable growth environment for chickens in 360°, and apply bionic design in many details to ensure the survival rate of chicks.



3D DIAGRAM OF H-TYPE PULLET EQUIPMENT



THE SURVIVAL RATE

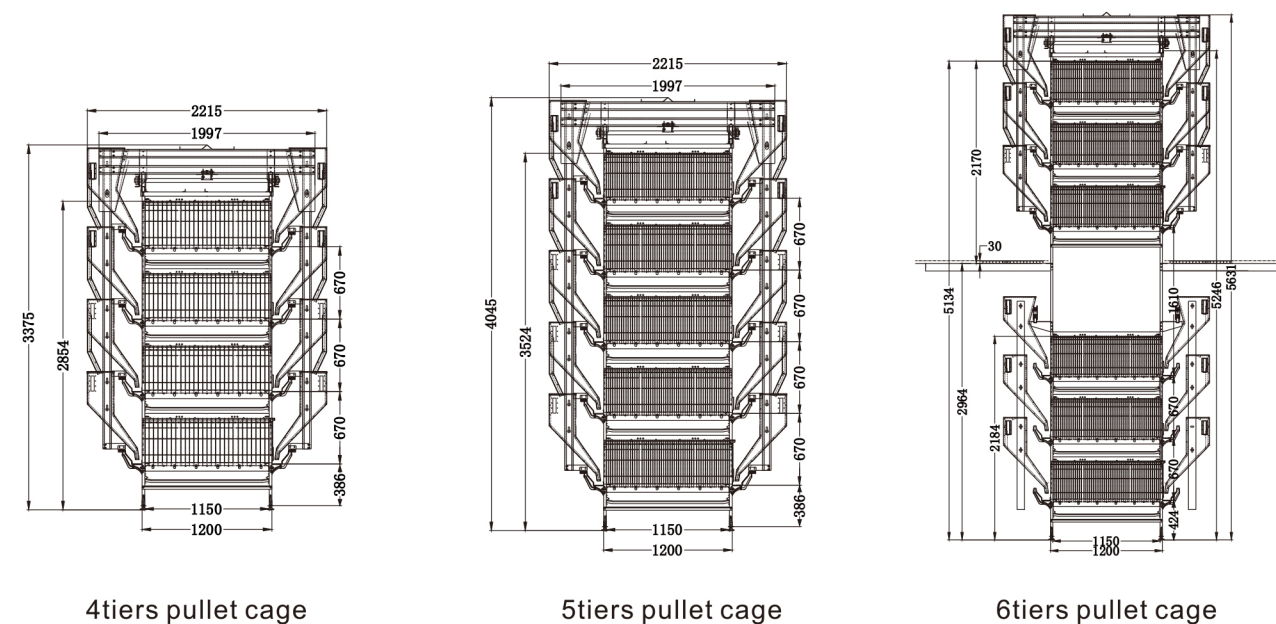


- ◎ Cascade automatic brooding equipment, combined with the characteristics of modern intensive breeding, the "brooding stage" of chicks and the "rearing stage" of young chickens are integrated into one cycle, to meet the multiple needs of brooding and rearing.
- ◎ With heating equipment to ensure that the chickens in the whole cycle at the appropriate temperature; Waterline linkage lifting device, to ensure that can meet the drinking water needs of chickens at different stages.
- ◎ The design of protective mat net makes it more comfortable for young chickens to stand.
- ◎ The vertical bar design of cage door can solve the feeding comfort problem of young chickens at 90-110 days of age, keep the best growth state of chickens and ensure the survival rate.

CROSS SECTION DIAGRAM

MAIN TECHNICAL PARAMETERS

Cage parameters	1300*600	1300*600新型
Cage length/mm	1300	1300
Cage depth/mm	600	600
Cage height/mm	410	410
floor height/mm	600	670
area per bird(cm2/bird)	300	300
cells cage	2	2
birds number of cell cage	13	13



4tiers pullet cage

5tiers pullet cage

6tiers pullet cage



H-TYPE STACKED CAGE EQUIPMENT



smart communication design



excellent biological ventilation



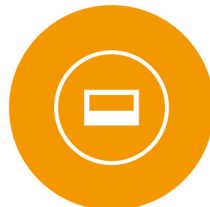
bionic application



Environmental intelligent control



high fertilization rate



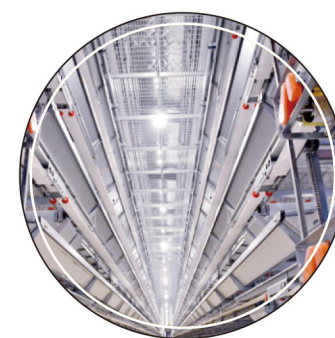
Partition design to prevent clustering



scientific cage to ensure egg quality

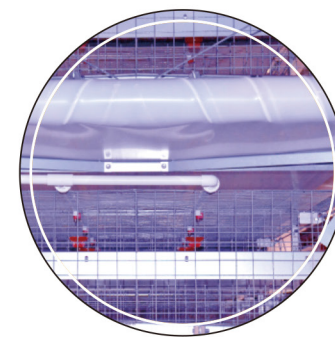


comprehensive refinement of epidemic prevention



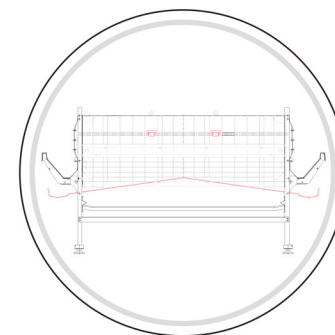
Cage frame system

The whole cage frame has undergone special corrosion prevention treatment, which is suitable for all kinds of high humidity and high corrosion environment. Fully assembled design, fast installation speed, high installation accuracy, easy for maintenance. The full-open gate makes it more convenient to catch and release chickens. The cage is designed with large space to meet the mating space and improve the natural mating fertilization rate.



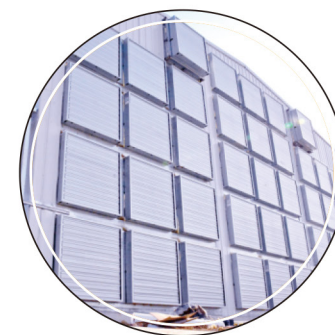
Drinking system

The three-grade waterline is optional, suitable for all kinds of drinking demand, to ensure adequate drinking water, more adaptability, so that the chicken life is more comfortable.



Detail design

Cage bottom net reverse inclined plane gold 8° design, ensure higher quality when collecting eggs. Common cage door for cock and hen, better protect the cock comb from harm. The humanized design of the foot tube makes the chickens more comfortable in the living environment and return to nature to improve the fertilization rate. The humanized design of the cover curtain also makes the chickens more comfortable in the process to improve the fertilization rate.



Ventilation system

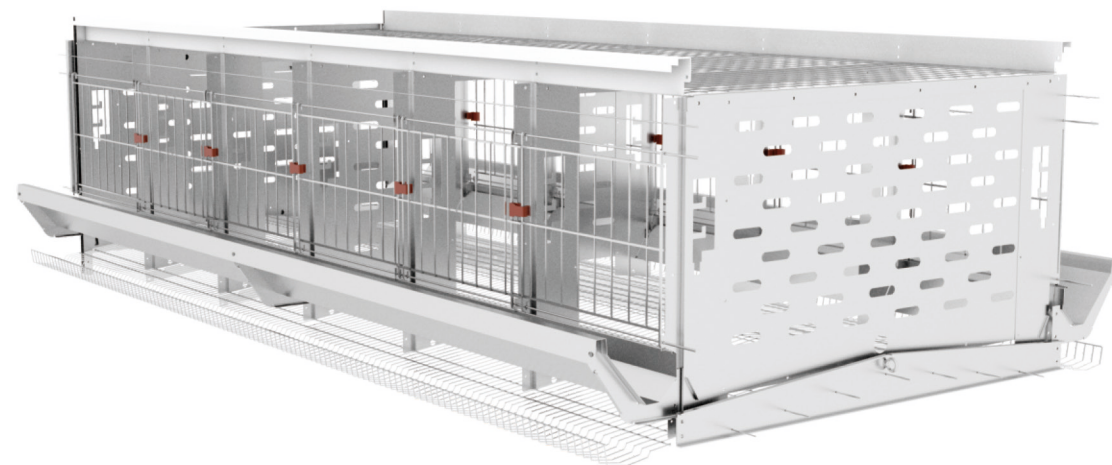
The cage group interval is equipped with partition net design, which better guarantees the ventilation effect in the cage. The high power fan with the concept of "linear ventilation" creates the best ventilation environment inside the chicken house, promote air convection, the internal ammonia, carbon dioxide discharge in time, avoid the odor in the house, reduce the generation of respiratory diseases.



Feeding system

The unique design of the homogenizer can meet the different requirements of mash and pellet, and avoid the accumulation of feed. The feed box adopts the integrated design, the whole seamless, reduce the production of dust and moisture entry. Each floor is equipped with an observation window, which can grasp the remaining feed at any time and facilitate daily management and adjustment. The feeding car is equipped with a special brush to clean up the feeding trough during the feeding process and reduce the daily workload.

3D DIAGRAM OF H-TYPE STACKED CAGE EQUIPMENT



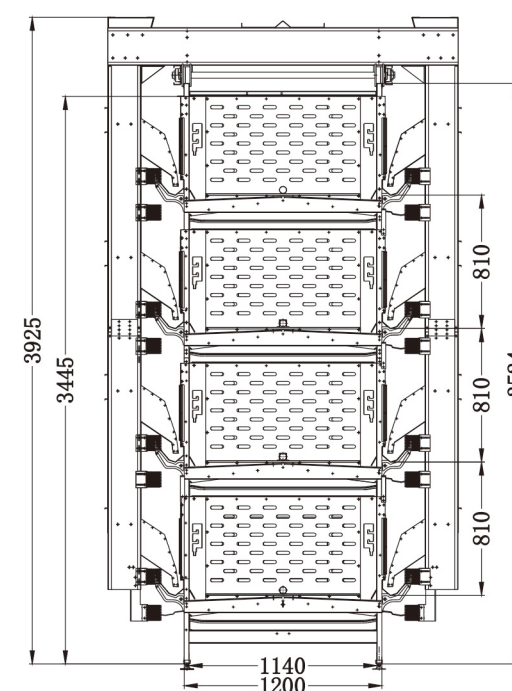
MAIN TECHNICAL PARAMETERS

Cage parameters	3000*1200
Cage length/mm	3000
Cage depth/mm	1200
Cage height/mm	700
floor height/mm	810
area per bird(cm2/bird)	600
cells cage	6
birds number of cell cage	10
cock:hen	1:11

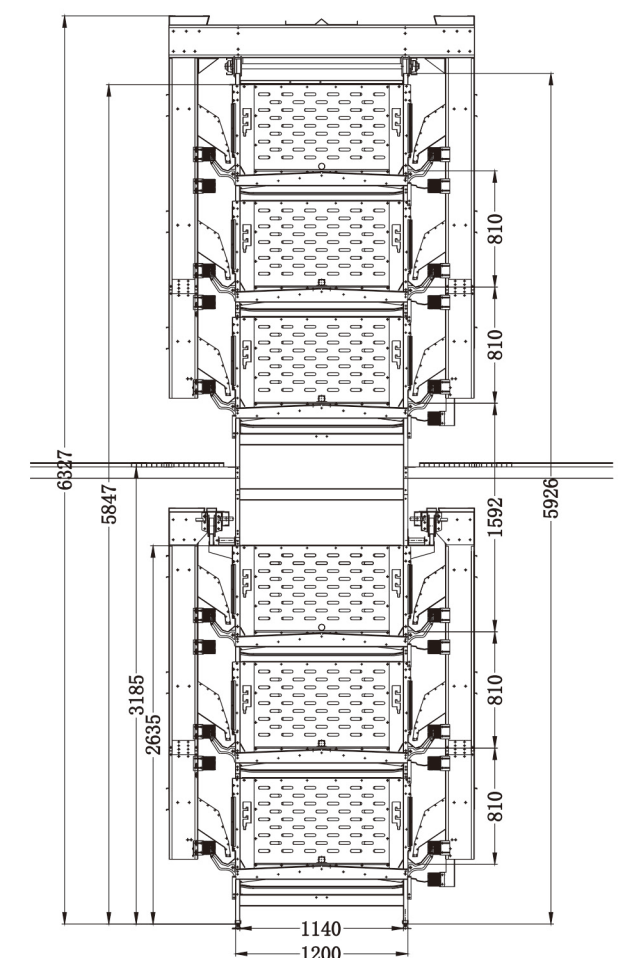
FERTILIZATION RATE

- Stacking automatic cage equipment, scientific design, according to the 11:1 sex ratio of mixed breeding.
- The cage adopts a large space design of three rooms and two halls to meet the mating space and improve the rate of natural mating.
- The net between the cage frame adopts privacy design, so that the chickens are more comfortable in the process of delivery.
- Male hen universal cage door, better protect the rooster crest from injury.
- The design of bottom net and roosting frame is more in line with biological nature, breeding chickens are healthier, and the natural fertilization rate of eggs is maintained at a higher level.

CROSS SECTION DIAGRAM



4 tiers stacked cage



6 tiers stacked cage



H-TYPE BREEDER EQUIPMENT



Centralized management,
energy saving and efficiency



good environment,
high fitness rate



scientific design of feed
trough, high feed ratio



top net design, anti-pecking
and disease prevention



wide cage position,
excellent egg protection



engineering design,
excellent ventilation



high zinc, non-destructive
275 plates



ingenious cage door,
convenient transfer chicken



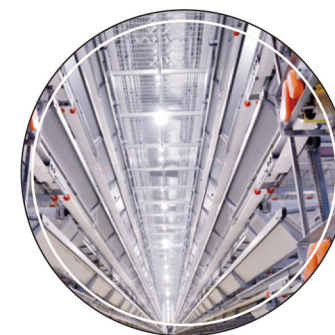
Environment control system

The world-class "linear ventilation" concept is applied to each component, combined with the unified regulation and management of the large farm cloud data system, automatically switching the emergency system, to ensure the safety of the chicken house in various aspects.



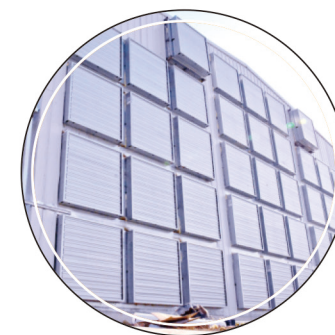
Feeding system

Hot-dip galvanized material trough, higher strength, and can be trampled for daily operation, improve the efficiency of daily management, integrated forming dozens of processes, so that the quality is guaranteed, the service life is longer. The height of the inner edge of the trough is low to ensure that chickens feeding, reduce feed waste and improve the egg ratio.



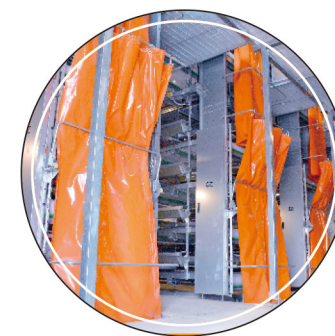
Cage frame system

The overall material adopts the average galvanized layer not less than 275g / m, the structure is more stable and the service life is longer. The cage net is welded with high zinc material, and its corrosion resistance is more than 4 times that of the general material. The prefabricated design is also guaranteed.



Ventilation system

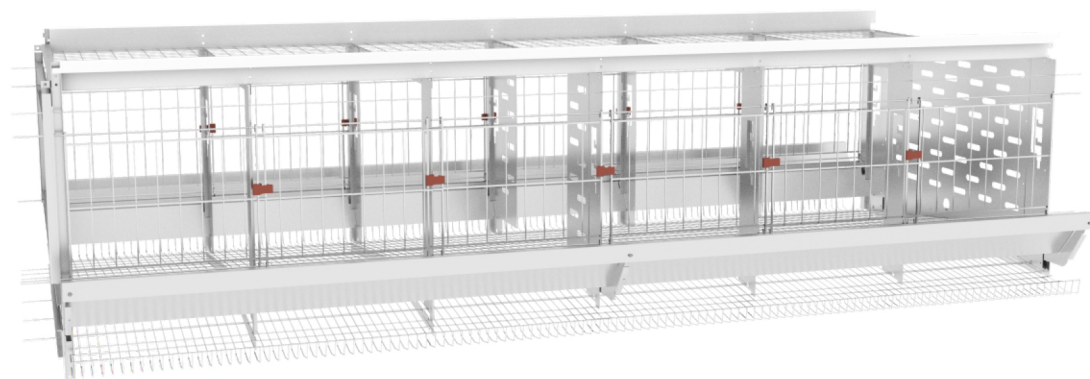
Complete set of large-scale ventilation system, the overall air convection efficiency in the whole house is high, and the replacement time of the new air and waste air is less than 5 minutes, so that the farmers can save more worry and effort.



Manure removing system

The patented design of five excrement removal scrapers ensures efficient and clean excrement removal in all aspects. Combined with the international standard PPED material excrement removal belt, the overall time limit for the removal of excrement in the chicken house is less than 15 minutes, which is convenient and efficient. The iron spiral main roller shall be used with removing host to avoid belt deviation

3D DIAGRAM OF H-TYPE BREEDER EQUIPMENT



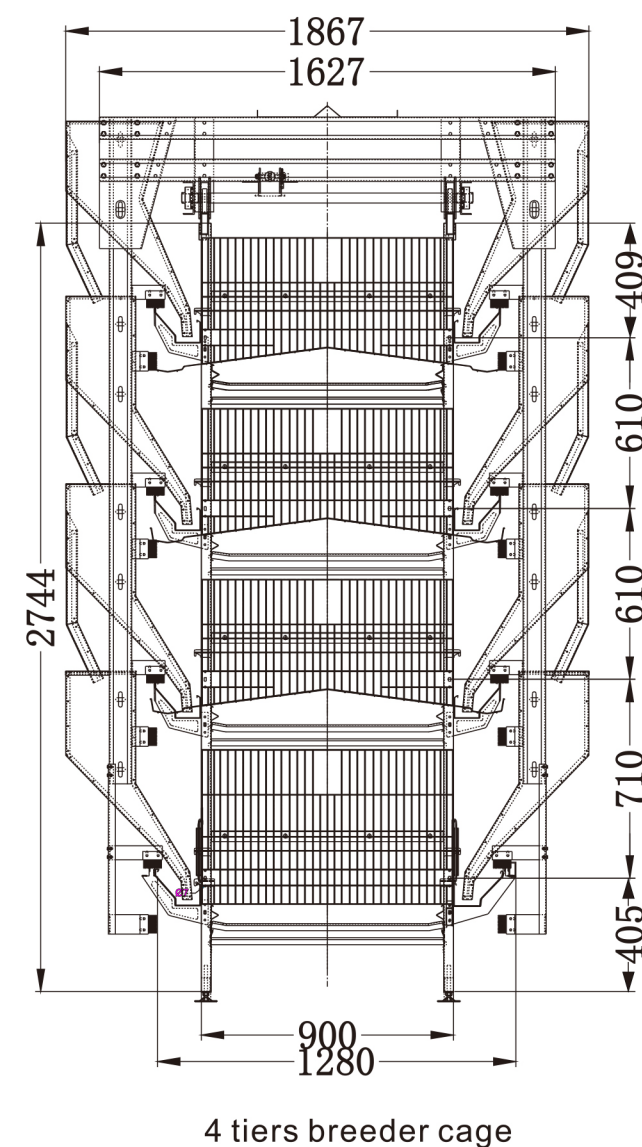
MAIN TECHNICAL PARAMETERS

Cage parameters	1600*420Breeder	1600*420 Cock
Cage length/mm	1600	1600
Cage depth/mm	420	420
Cage height/mm	450	520
floor height/mm	650	700
area per bird(cm2/bird)	560	1344
cells cage	4	5
birds number of cell cage	3	1
cock hen	According to the specific breeding quantity	1

EGG QUALITY

- Cascade type automatic breeding chicken cage equipment, according to the different living habits of roosters and hens for research and development design, to meet the growth needs of different poultry species.
- The special feeding system can feed the rooster and hen separately, which is convenient for daily management.
- International first-class "linear ventilation" concept, to ensure that the whole chicken in the appropriate environmental temperature.
- The intelligent environment control system, keeps the chicken house clean and tidy, and achieves the strict conditions for the growth and development of breeders.
- Artificial insemination method can improve the insemination efficiency of breeding hens and ensure egg quality effectively.

CROSS SECTION DIAGRAM





NET CLOUD INTELLIGENT BREEDING DATA MANAGEMENT



Multi-bit real-time supervision



Intelligent digital management



Reduce manpower



Reduce operation cost



Improve the ratio of meat to egg



Automatic multiple alarm control



Conducive to biological prevention and control



Convenient interactive recording



Easy for digital management

Multi-directional data can be collected in time, such as temperature, humidity, feeding and drinking water information, to realize real-time monitoring inside the chicken house, so as to provide data support for farm management. The repetitive work of collecting and sorting information will be replaced by computers, with higher added value, and information can be transmitted to farm managers in time, to improve the efficiency of business circulation and information processing, so as to achieve greater economic benefits.



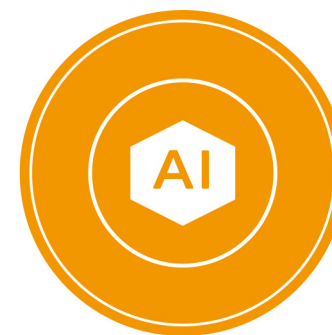
Transparent data analysis

The visual analysis of data can access all data sources, realize hierarchical data combination and configuration according to the actual data, conduct accurate analysis with the initial data information, build a flexible and easy-to-use information application system, and realize the independent, visual and intelligent supervision of chicken house.



Multiple alarm and control methods

Through the data analysis of the chicken house, the management and control system automatically filters out invalid and repetitive information, reduce useless data and improve the operation efficiency of the system. The data management system helps the management person to predict the possible faults and hidden dangers of the equipment in advance so as to prevent and reasonably dispose in advance, better manage the chicken house, and prolong the service life of the equipment.



Multi-function interactive module

Through the AI intelligent management system, the interactive module skillfully integrates electronic intelligence, mechanical intelligence, Internet of things intelligence and other technologies into the cloud intelligent management module, and realizes the data linkage and intelligent control of the system interface through voice and program conversation, making the management more convenient and worry free.



Reduce the overall investment of the fence house

NET Cloud intelligent breeding data management system, using the Internet of Things big data computing technology, can realize multi-directional real-time monitoring, detection and early warning, reduce manual participation in the management of chicken house, realize intelligent control, greatly reduce the management cost, make the breeding more painless, efficient, intelligent.



Brand Footprint

Looking forward to cooperation
with you





Farm Show

Scan the QR code to watch the farm video



江西萍乡



安徽寿县



安徽滁州



湖南宁乡

Cooperation Without Worry

Intimate service Quick response Cost saving



Intimate service

ProPlant Factory Maintenance Management System

Factory maintenance management system It can realize preventive maintenance, fault maintenance, optimization of spare parts management, historical records, and reduction of unplanned downtime.

Quick response

My Buhler Customer service website

Customer service website It is easy to obtain Butler equipment (spare parts) and related documents, understand product prices, and create quotations and orders online.

Cost saving

Globally networked SAP quality complaint system

Globally networked SAP quality complaint system After receiving feedback from users, the system will notify relevant staff at the first time and respond quickly.

Telephone follow-up mechanism

Telephone follow-up mechanism After the complaint is handled by the service engineer, the special customer service personnel will conduct follow-up visits until the customer is satisfied.

Service engineer skill assessment and training system

Service engineer skill assessment and training system The professional training and assessment system promotes the maintenance and continuous improvement of service