

COMPANY PROFILE

PRODUCTION WORKSHOP



Full Automatic Cage Welding Machine



Laser Cutting Machine



Numerical Control Bending Machine

COMPANY PROFILE



Customer Visit

TIANRUI covers a wide range of foreign markets, including more than 40 countries and regions in Asia, Eastern Europe, South America, Mid East and Africa, etc.



Service

Offering one-site service, including project design, quality control, installation, after-sale service and farming guidance.



Team

A professional foreign trade and after-sale service team with more than 20 people.



Exhibition

Taking part in the animal husbandry industry exhibition, spreading the brand 'TIANRUI' to the world.

OUR CERTIFICATES

- ISO9001
- ISO14001
- OHSAS18001



TIANRUI OUR DREAM

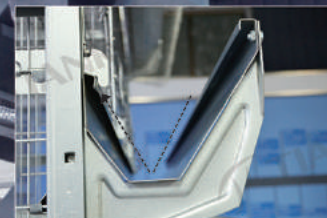
Let's make chicken raising easier together

With more than 30 years' continuous improvement of equipment and 20 years' chicken raising experience, TIANRUI not only has been the supplier of each cooperative partner, but also their farming consultant.

AUTOMATIC LAYER RAISING EQUIPMENT

LAYER EQUIPMENT

H Type Layer Raising Equipment



1

No waste of feed, save feed cost.



3

1)The sufficient drinking guarantee.
2)The most reasonable ventilation.



2

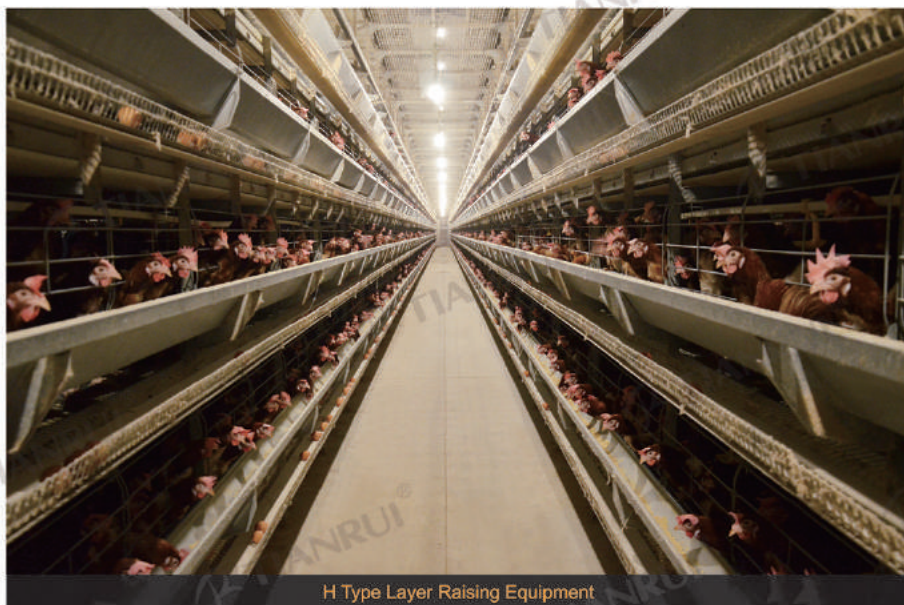
Reasonable design and excellent ventilation.

LAYER EQUIPMENT

H Type Layer Raising Equipment

INTRODUCTION OF PRODUCT

- 1.The full set of equipment using hot-dip galvanized material, corrosion-resistant, which ensures the service life of 15-20 years.
- 2.Intensive management and automated control. Achieve automatic feeding,drinking,manure cleaning,egg collecting and environment control,can help to improve working efficiency and save labor cost.
- 3.High-density raising,saves land and investment.
- 4.Suitable for closed chicken house. Automatic control of ventilation and temperature can meet the requirement of the birds.

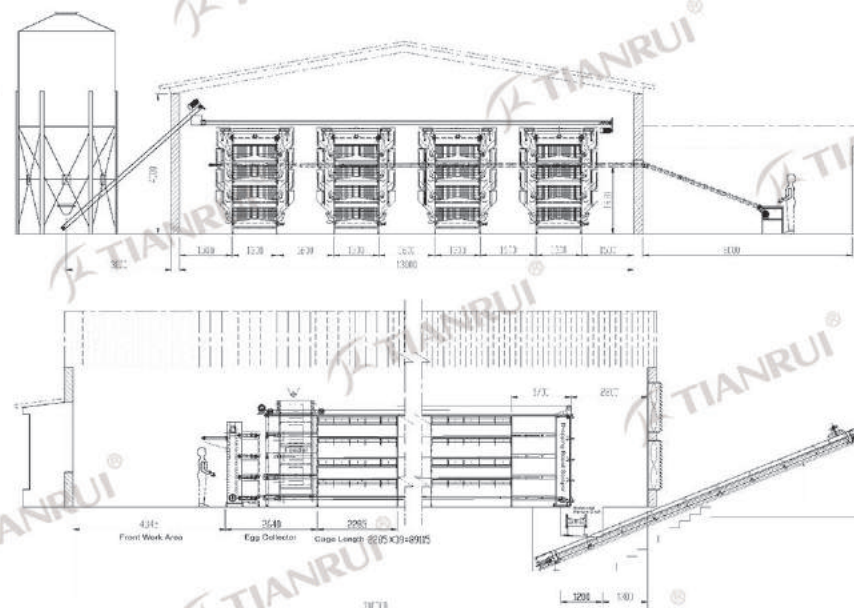


H Type Layer Raising Equipment

LAYER EQUIPMENT

H Type Layer Raising Equipment

Drawing of H Type Layer Raising Equipment

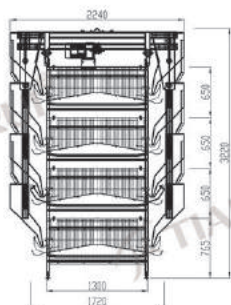


Explanation

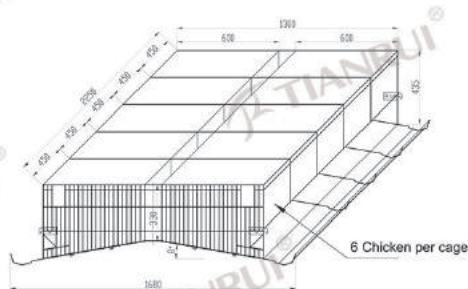
In a house of 100m*13m, if 4 tier cages are installed, 39 units of cage per line, the height of side wall should be 4m, and total birds quantity is 37440; if 5 tier cages are installed, 39 units of cage per line, the height of side wall should be 4.5m, and total birds quantity is 46800; if 6 tier cages are installed, 39 units of cage per line, the height of side wall should be 5.0m, and total birds quantity is 56160.

H Type Layer Raising Equipment

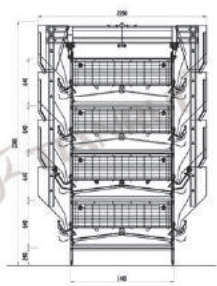
Drawing of H Type Battery Cage



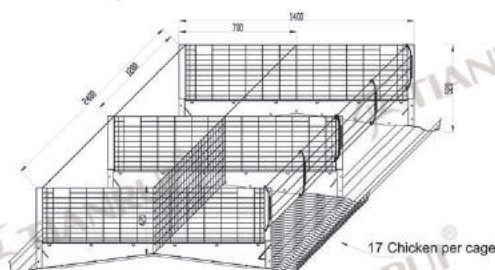
9CLD-4240 parameters of cage and frame



9CLD-4240 parameters of cage



9CLD-4272 parameters of cage and frame



9CLD-4272 parameters of cage

Specification list of H type cage systems

Model	Tiers	Doors/set	Birds/door	Capacity/set	Size(L*W*H)mm	Area/bird(cm2)	Type
9CLD-3180	3	5	6	180	2250*600*430	450	H
9CLD-4240	4	5	6	240	2250*600*430	450	H
9CLD-5300	5	5	6	300	2250*600*430	450	H
9CLD-6360	6	5	6	360	2250*600*430	450	H
9CLD-4272	4	2	17	272	2400*700*520	494	H
9CLD-5340	5	2	17	340	2400*700*520	494	H
9CLD-8544	8	2	17	544	2400*700*520	494	H
9CLD-9612	9	2	17	612	2400*700*520	494	H
9CLD-10680	10	2	17	680	2400*700*520	494	H

H Type Layer Raising Equipment

H Type 8 Tiers Layer Raising Equipment



INTRODUCTION

According to customers' different requirements, 3 tiers-10 tiers battery cage can be provided.

The new multi-tier large layer equipment with large cage position adopt narrow bottom and and large slope trough, which helps bird's intake of feed and save feed.

The colony area per bird is 494 cm² and one cell can hold 17 birds. The increase of tier distance is beneficial to ventilation and light, it can avoid the occurrence of coccidiosis. The birds live more comfortably with more space, is conducive to the healthy growth of chickens.



LAYER EQUIPMENT

A Type Layer Raising Equipment



1

Guarantee sufficient and well-distributed feed for each tier.



2

Reasonable slope reduces the percentage of egg broken.



3

Manure is completely removed, reducing harmful gases.

INTRODUCTION OF PRODUCT

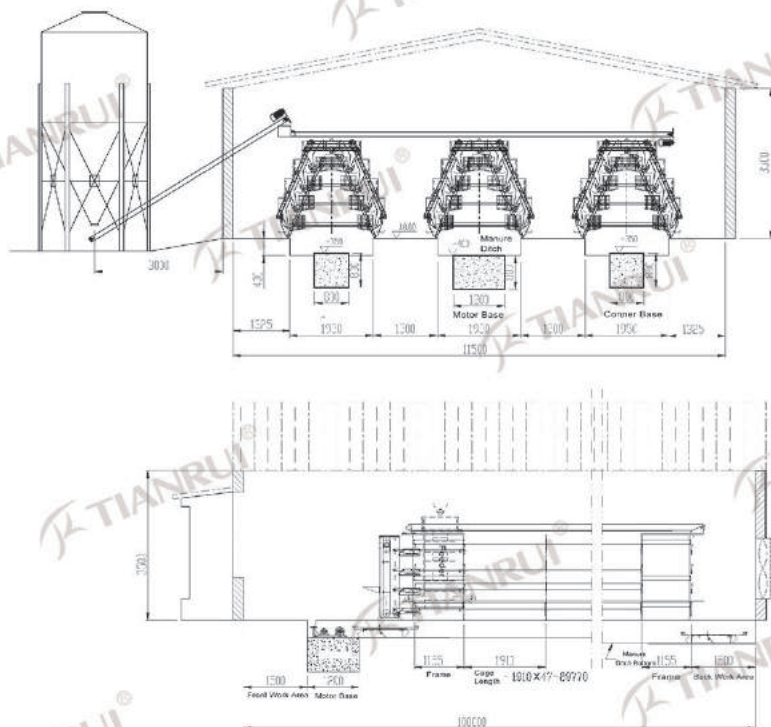
1. Long service life, high stability.
2. Well ventilated, comfortable environment.
3. Low cost of the equipment, easy to operate.
4. Low proportion between forage and egg, low production costs. Applicable to artificial or semi-automatic, open chicken house raising.



A Type Layer Raising Equipment

A Type Layer Raising Equipment

Drawing of A Type Layer Raising Equipment

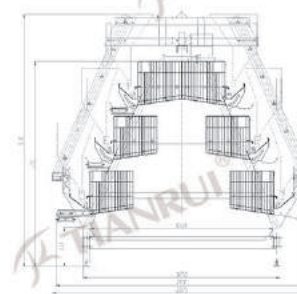


In a house of 100m*11.5m*3.5m, 3 lines of 4 tiers equipment can be installed with 47 units of cages each line, and total birds quantity can reach 18048.

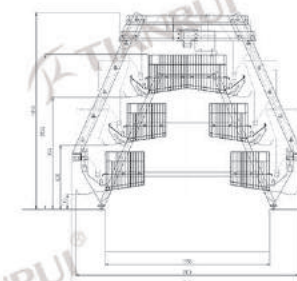
In a house of 100m*15m*3.0m, 4 lines of 3 tiers equipment can be installed with 47 units of cages each line, and total birds quantity is also 18048.

A Type Layer Raising Equipment

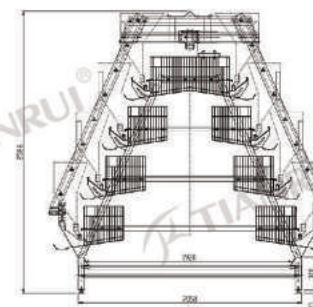
Drawing of A Type Layer Cage



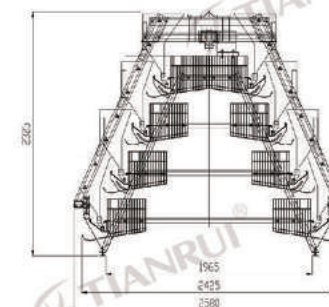
9TLD-396 (belt type)



9TLD-396 (scraper type)



9TLD-4128 (belt type)



9TLD-4128 (scraper type)

Specification list of A type cage systems

Model	Cage length (m)	Width of ditch (m)	Equipment height (m)	Side wall height (m)
9TLD-396	1.87	1.55	1.95	2.50
9TLD-4128	1.87	1.95	2.40	3.20

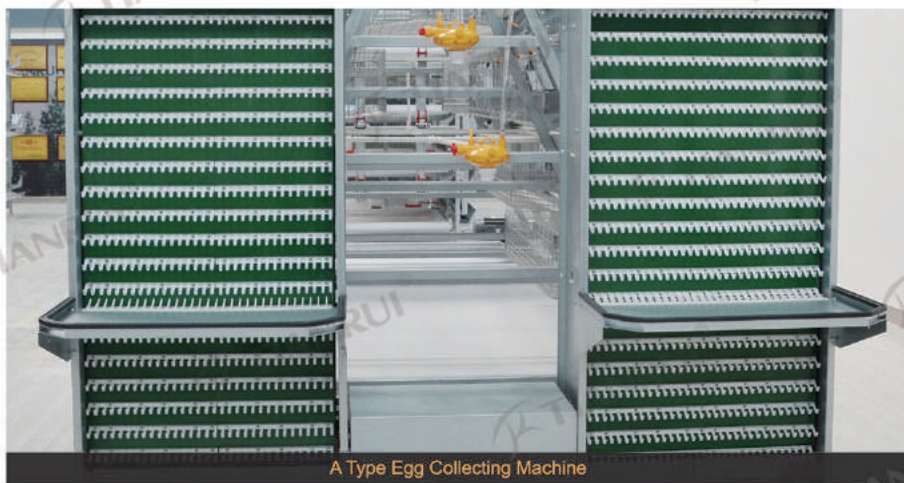
LAYER EQUIPMENT

Egg Collecting System

Egg Collecting System



H Type Egg Collecting Machine

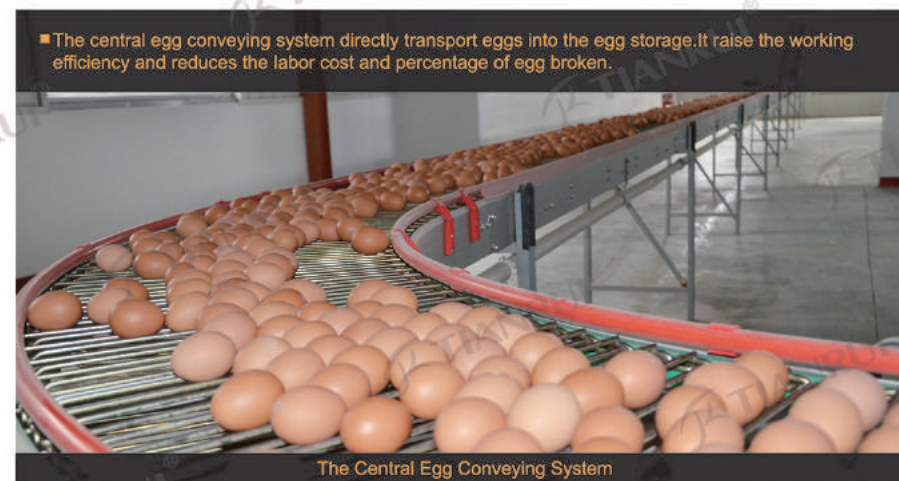


A Type Egg Collecting Machine

LAYER EQUIPMENT

Egg Collecting System

The Central Egg Conveying System



■ The central egg conveying system directly transport eggs into the egg storage. It raise the working efficiency and reduces the labor cost and percentage of egg broken.

The Central Egg Conveying System



The Central Egg Conveying System

LAYER EQUIPMENT

Feeding System

Main Feeding System



Silo



Feed Conveying and Dispensing Device

LAYER EQUIPMENT

Feeding System

Trolley Feeding System



H Type Feed Trolley



A Type Feed Trolley

LAYER EQUIPMENT

Drinking System

Drinking System



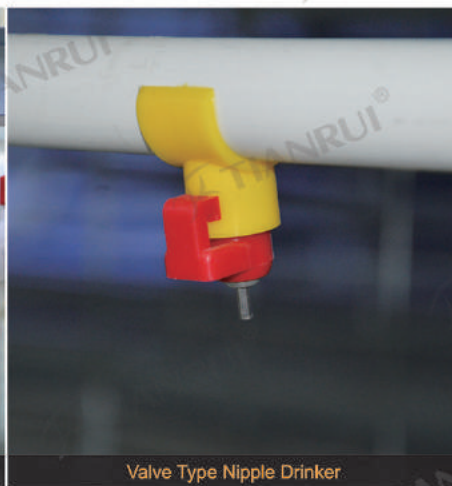
"DOSATRON" Medical Pump



Filter



Pressure Regulator



Valve Type Nipple Drinker

LAYER EQUIPMENT

Manure Cleaning System

Belt Type Manure Cleaning System



Longitudinal Manure Cleaning System



Transverse Manure Conveying System

- Each tier equips with manure belt off-tracking device which can avoid the belt off the tracking.
- Four manure cleaning scrapers make the manure cleaned thoroughly.



Manure Cleaning System Outside the House

LAYER EQUIPMENT

Manure Cleaning System

Scraper Type Manure Cleaning System

- Scraper type manure removing applies for A type cage. It can save labor cost and help improve poultry house environment.



LAYER EQUIPMENT

Environment Control System

Smart Environment Control System



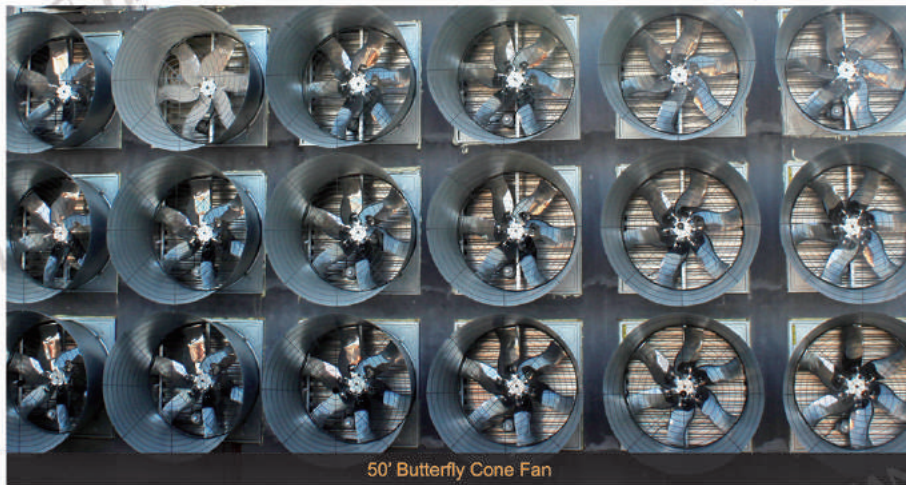
LAYER EQUIPMENT

Environment Control System

Fan



50' Box Fan



50' Butterfly Cone Fan

LAYER EQUIPMENT

Environment Control System

Cooling Pad and Air Inlet



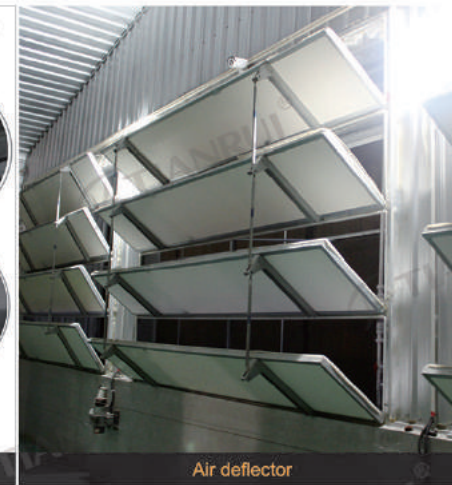
Cooling Pad



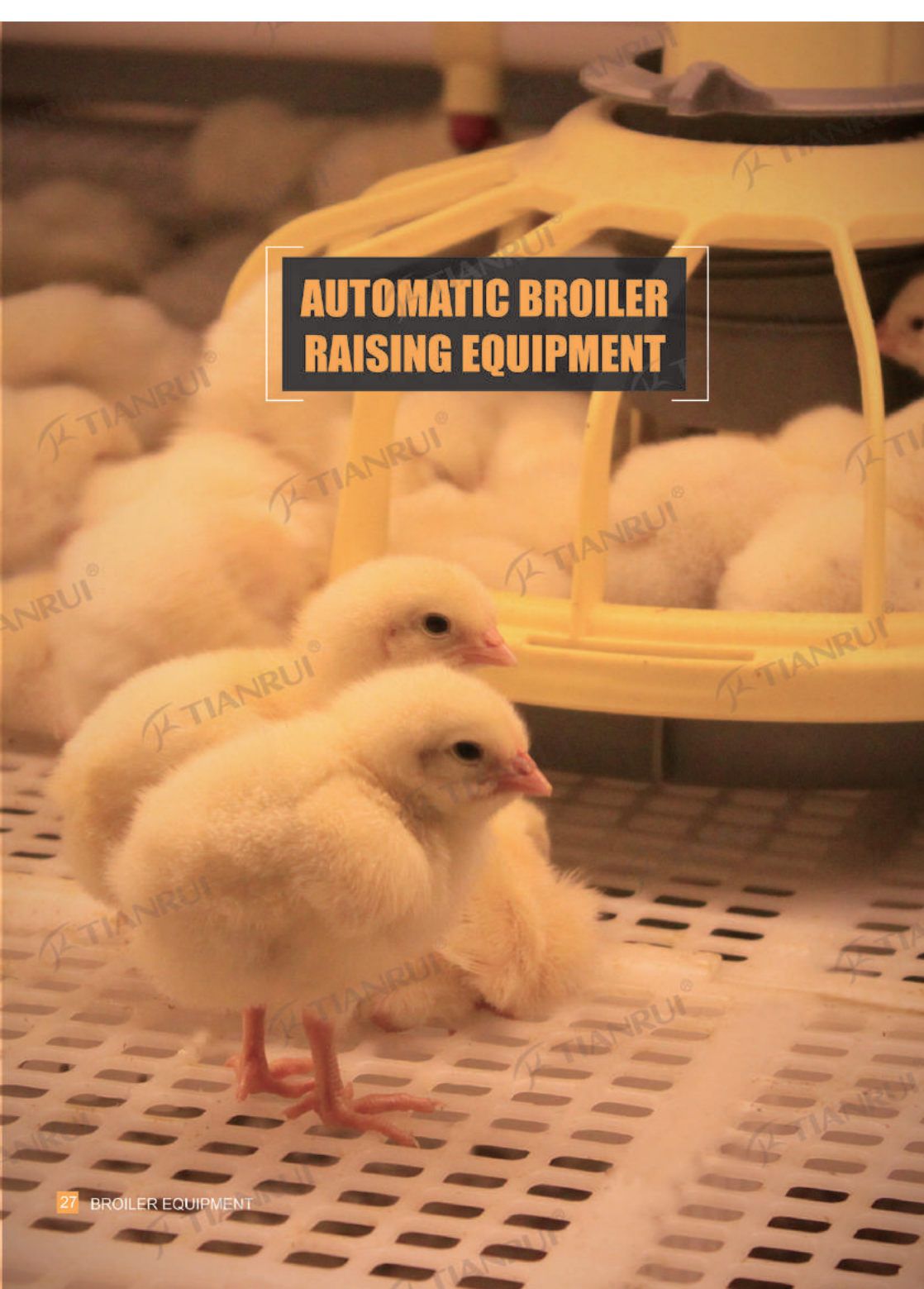
Cooling Pad



Air Inlet



Air deflector



AUTOMATIC BROILER RAISING EQUIPMENT

BROILER EQUIPMENT

Broiler Raising Equipment



1
The floor is made of PP with good elasticity, raising the efficiency of birds-harvesting.



2
The luminance of the LED light can be adjusted to meet the demands of the different day old bird.

BROILER EQUIPMENT

Broiler Raising Equipment

Automatic Bird-harvesting H Type Broiler Raising Cage

INTRODUCTION OF PRODUCT

The automatic bird-harvesting H type broiler raising cage is the most advanced broiler raising equipment. It can realize not only feeding, drinking, manure removing automatically, but also broiler-harvesting automatically. It is suitable for large-scale broiler farm.

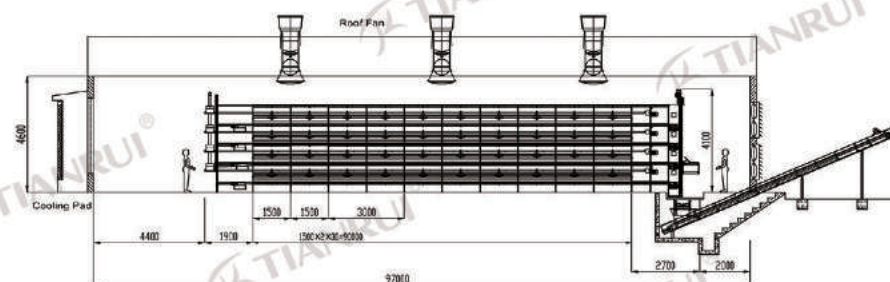
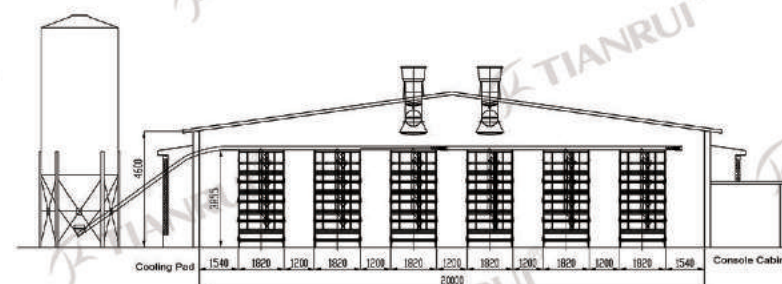


Automatic Bird-harvesting H Type Broiler Raising Cage

BROILER EQUIPMENT

Broiler Raising Equipment

Drawing of Automatic Bird-harvesting Broiler Raising Equipment

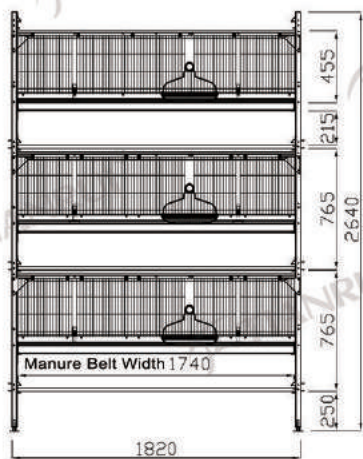
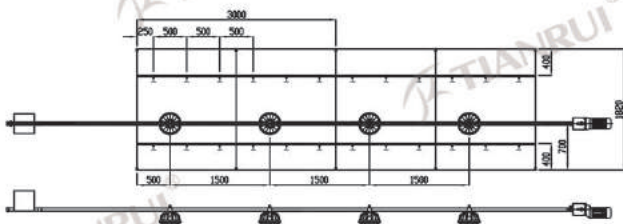
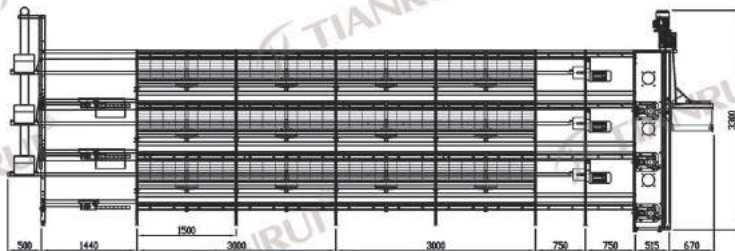


Explanation

In a house of 97m*20m, if 3 tier cages are installed, 30 units of cage per line, the height of side wall should be 4m, and total birds quantity is 59400; if 4 tier cages are installed, 30 units of cage per line, the height of side wall should be 4.6m, and total birds quantity is 79200.

BROILER EQUIPMENT

Broiler Raising Equipment



Technical Parameter:

Length: 3000mm width:1820mm height: 765mm

Suggested birds quantity per unit cage

Slaughter weight (kg)	Birds quantity/per cage
1.50	182
1.80	152
2.25	122
2.50	110

BROILER EQUIPMENT

Broiler Raising Equipment

Automatic Bird-harvesting System



■ The height of birds conveying system can be adjusted to transfer birds from each tier of cage to outside.



Birds Belt Conveying System



Birds Catching Platform

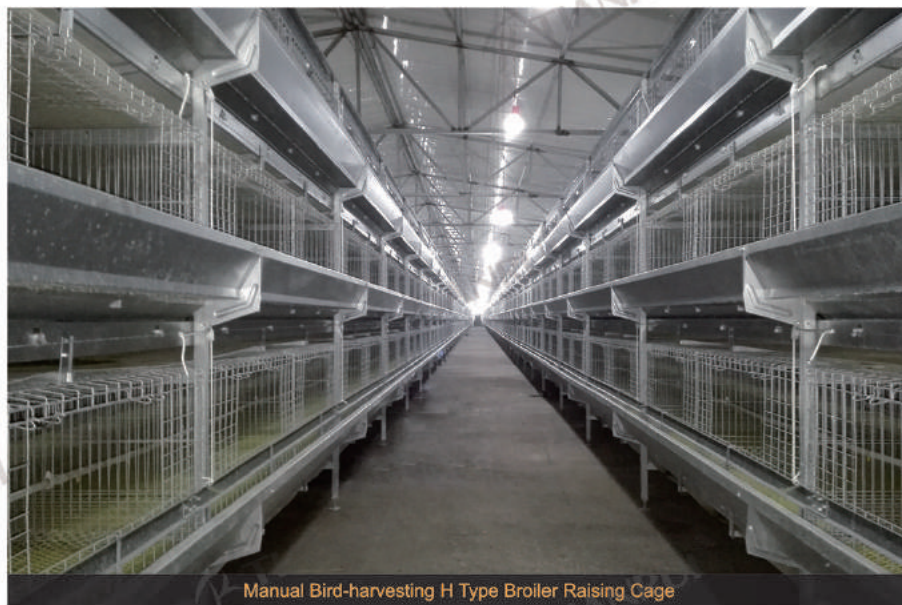
BROILER EQUIPMENT

Broiler Raising Equipment

Manual Bird-harvesting H Type Broiler Raising Cage

INTRODUCTION OF PRODUCT

Easy operation, durable material, low mortality and high uniformity of the birds.
Compared with floor system, the uniformity of the birds in cage is better.



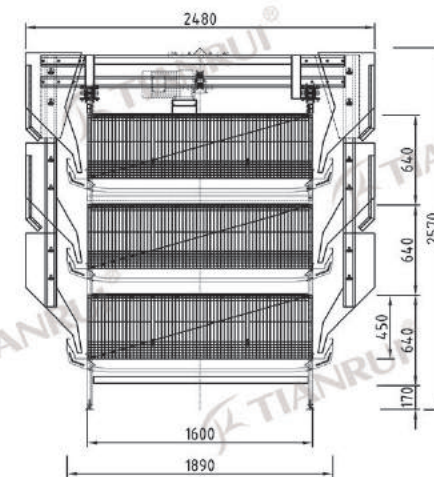
Manual Bird-harvesting H Type Broiler Raising Cage

BROILER EQUIPMENT

Broiler Raising Equipment

Manual Bird-harvesting H Type Broiler Raising Cage

There are 6 cells in each unit; amount of birds per unit: 192; Each cell has 2 rooms: each room has 16 birds; colony area: 500 cm².
Cage height: 450mm Each cell area: 8000 cm².

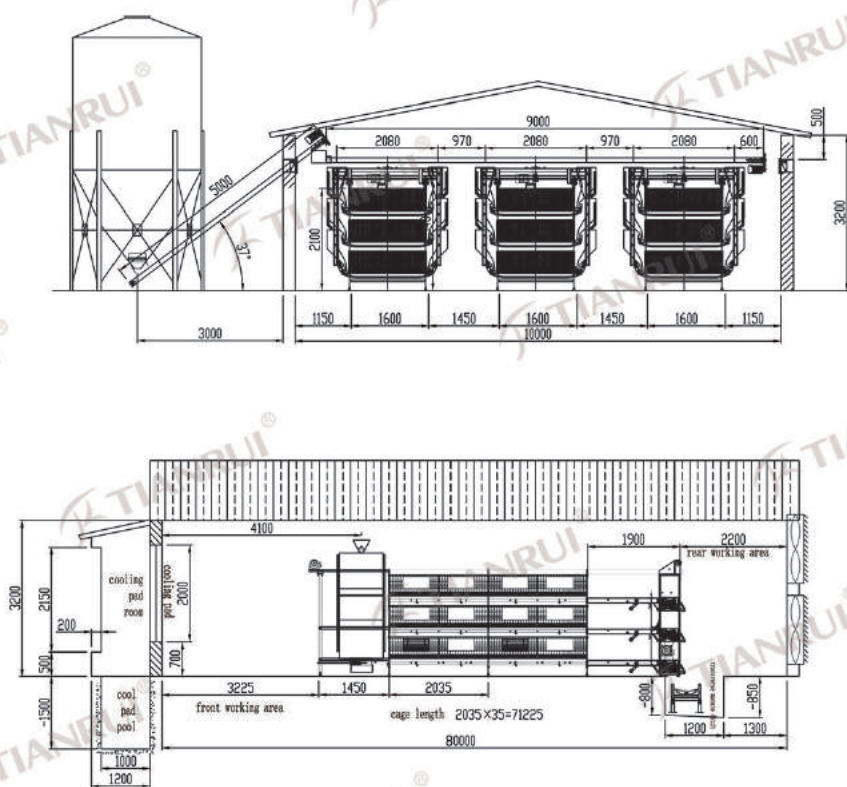


Manual Bird-harvesting H Type Broiler Raising Cage

BROILER EQUIPMENT

Broiler Raising Equipment

Drawing of Manual Bird-harvesting H Type Broiler Raising Cage



Explanation

In a house of 80m*10m*3.2m, 3 tiers cages are installed, 35 units cage per line, if the adult broiler weight is 2.5kg, the total bird quantity is 20160 birds. If the adult broiler weight is 1.8kg, the total bird quantity is 27720 birds.

BROILER EQUIPMENT

Feeding System

Main Feeding System



Silo



Feed Conveying and Dispensing Device

BROILER EQUIPMENT

Feeding System

Feeding System



Pan Feeding System



Trolley Feeding System

BROILER EQUIPMENT

Drinking System

Drinking System



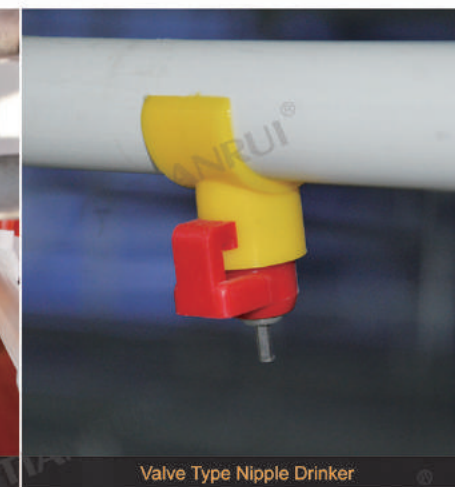
"DOSATRON" Medical Pump



Filter



Pressure Regulator



Valve Type Nipple Drinker

BROILER EQUIPMENT

Manure Cleaning System

Belt Type Manure Cleaning System



Longitudinal Manure Cleaning System



Transverse Manure Conveying System

- Each tier equips with manure belt off-tracking device which can avoid the belt off the tracking.
- Four manure cleaning scrapers make the manure cleaned thoroughly.



Manure Cleaning System Outside the House

BROILER EQUIPMENT

Environment Control System

Smart Environment Control System



Climate Controller



Electric Control System



Electric Control System



Smart Environment Control System

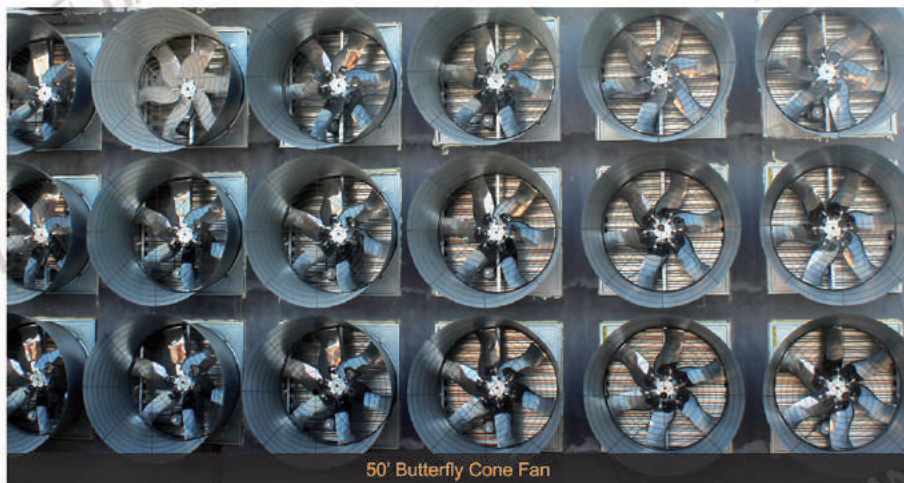
BROILER EQUIPMENT

Environment Control System

Fan

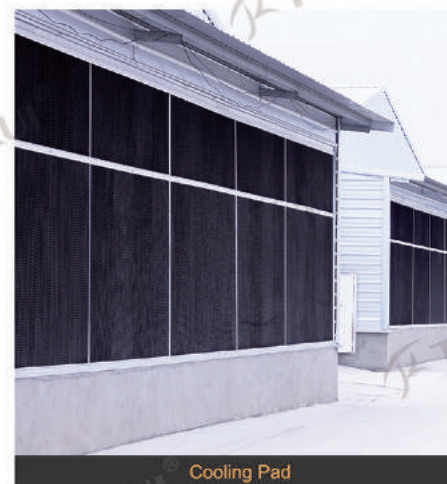


50" Box Fan



50" Butterfly Cone Fan

Cooling Pad and Air Inlet



Cooling Pad



Cooling Pad



Air inlet



Air deflector

AUTOMATIC PULLET RAISING EQUIPMENT

PULLET EQUIPMENT

Pullet Raising Equipment

1

Reasonable design of feed regulator, the birds will not run away and get stuck.

2

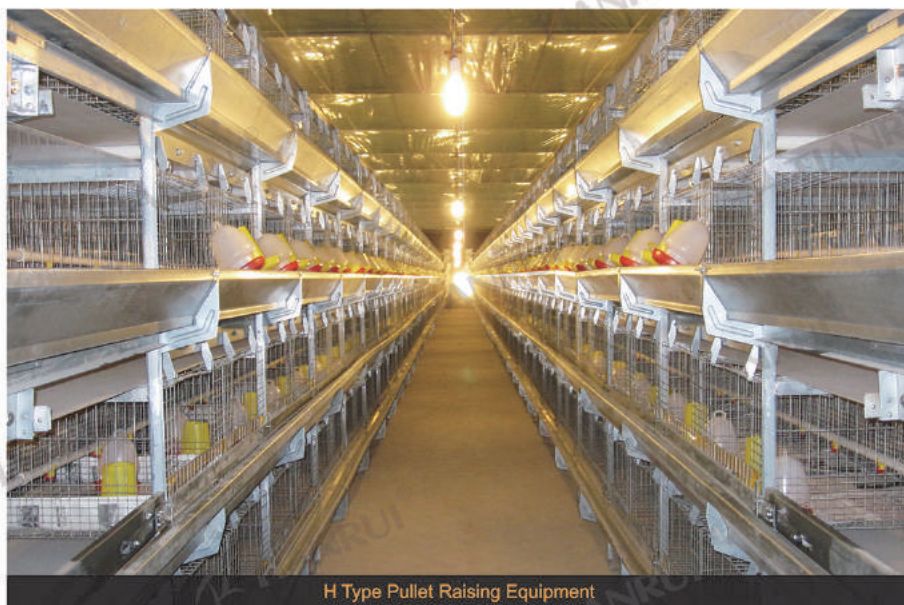
Small water cup, feed trough and plastic mat are supplied for day old chicken.

PULLET EQUIPMENT

Pullet Raising Equipment

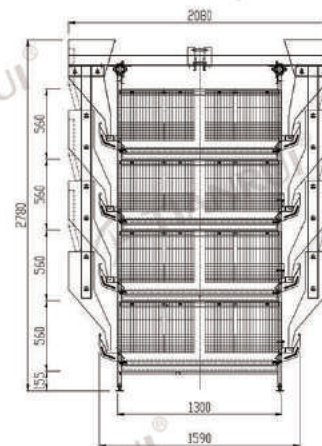
INTRODUCTION OF PRODUCT

- 1.The cage is hot-dip galvanized and anti-corrosive, the life span can reach 20 years.
- 2.Adjustable oval hole for feed intake. Feed intake is easy,the birds will not run away and get stuck.
- 3.Belt type manure cleaning is adopted and the manure can be completely removed. High survival rate and uniformity.



H Type Pullet Raising Equipment

Drawing of Pullet Cage



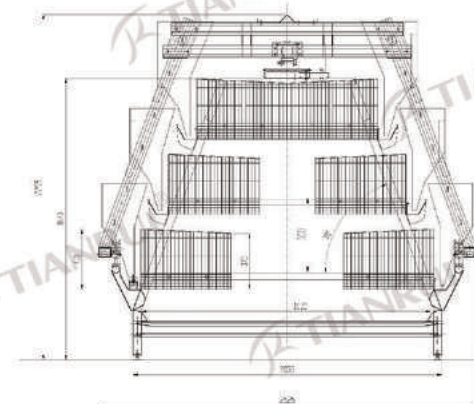
H Type Pullet Cage

H Type Pullet Cage

Model	Tiers	Door/set	Birds/door	Capacity/set	Size(L*W*H)mm	Type
9CLY-3144	3	2	12	144	1400*650*400	H
9CLY-4192	4	2	12	192	1400*650*400	H

A Type Pullet Cage

Model	Cage length (m)	Width of ditch (m)	Equipment height (m)	Side wall height (m)
9TLY-3144	1.40	1.95	2.30	2.80

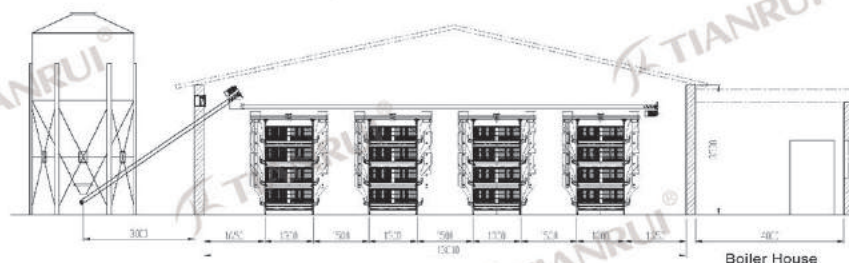


A Type Pullet Cage

PULLET EQUIPMENT

Pullet Raising Equipment

Drawing of Pullet Raising Equipment



Explanation

In a house of 80m*13m, if 4 tier cages are installed, height of side wall should be 3.5m, 49 units of cage per line, and total birds quantity will reach 37632; If 5 tier cages are installed, height of side wall should be 4m, 49 units of cage per line, and total birds quantity will reach 47040.

PULLET EQUIPMENT

Feeding System

Main Feeding System



Silo



Feed Conveying and Dispensing Device

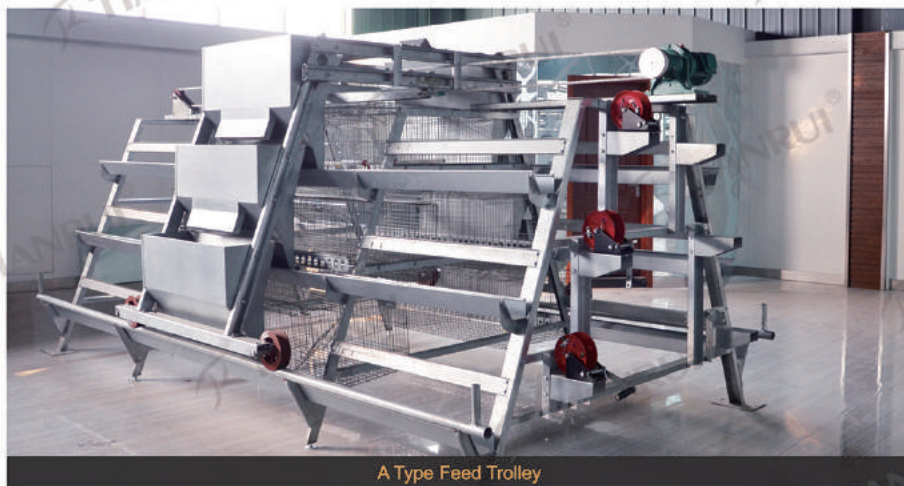
PULLET EQUIPMENT

Feeding System

Trolley Feeding System



H Type Feed Trolley



A Type Feed Trolley

PULLET EQUIPMENT

Drinking System

Drinking System



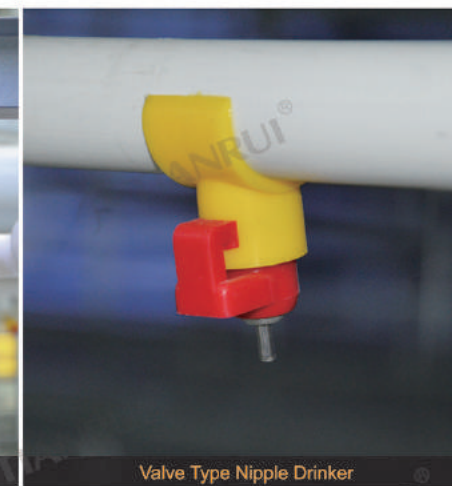
"DOSATRON" Medical Pump



Filter



Pressure Regulator



Valve Type Nipple Drinker

PULLET EQUIPMENT

Manure Cleaning System

Belt Type Manure Cleaning System



Longitudinal Manure Cleaning System

Transverse Manure Conveying System

- Each tier equips with manure belt off-tracking device which can avoid the belt off the tracking.
- Four manure cleaning scrapers make the manure cleaned thoroughly.



Manure Cleaning System Outside the House

PULLET EQUIPMENT

Environment Control System

Smart Environment Control System



Climate Controller

Electric Control System



Electric Control System

Smart Environment Control System

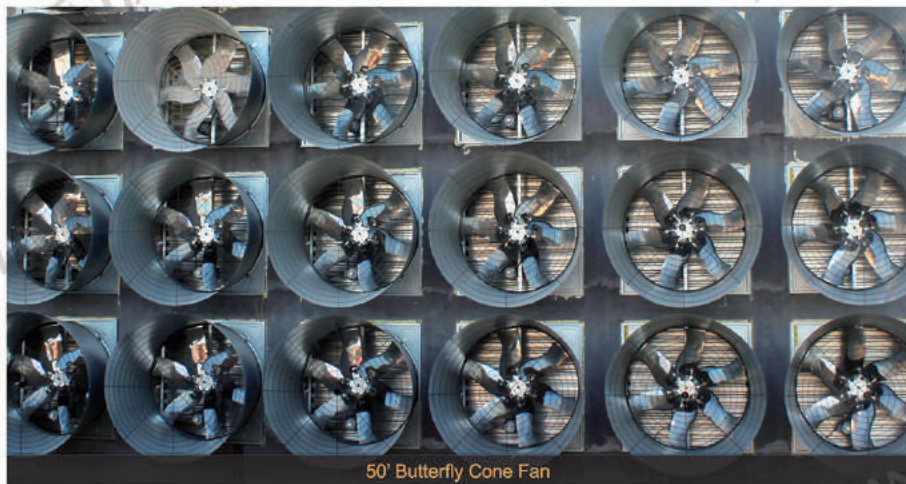
PULLET EQUIPMENT

Environment Control System

Fan



50" Box Fan



50" Butterfly Cone Fan

PULLET EQUIPMENT

Environment Control System

Cooling Pad and Air Inlet



Cooling Pad



Cooling Pad



Air inlet



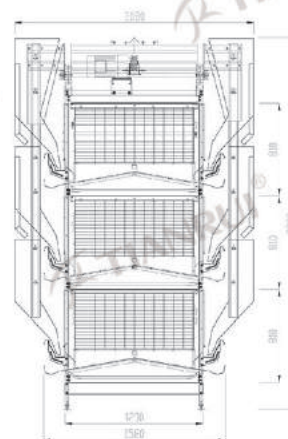
Air deflector

AUTOMATIC BREEDER RAISING EQUIPMENT

BREEDER EQUIPMENT

Breeder Raising Equipment

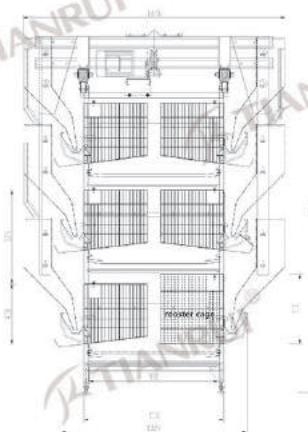
Breeder Battery Cage



H Type 9CLZ-3150 Breeder Equipment

H Type 9CLZ-3150 Breeder Equipment

Each cell can raise 150 breeders and 15 roosters. This equipment has a large cage and welfare breeding. It ensures automatic feeding, automatic manure removal, automatic drinking, automatic egg collecting and automatic fertilization, which is in line with the natural physiological habits of chicken so that the health of chicken and the hygiene of the shed are guaranteed. Thus, improve production performance.



H Type 9CLZ-360 Breeder Equipment

H Type 9CLZ-360 Breeder Equipment

Each cell can raise 60 broiler breeders and 6 roosters. The ratio of the hens and roosters can be adjusted in terms of the lines of the equipment.

This equipment achieves automatic feeding(the roosters can be fed separately), automatic manure removal, automatic drinking, automatic egg collecting and the convenient process of semen collection and fertilization meet the need of hygiene of the shed.

A close-up photograph of several brown chickens with prominent red combs and wattles, housed in a metal cage. The image is slightly blurred, focusing on the chickens in the foreground.

OUR OWN CHICKEN FARMS

A photograph showing the interior of a large broiler farm. Rows of metal cages are filled with yellowish-brown broiler chickens. The lighting is warm and the perspective shows the cages receding into the distance.

OUR OWN CHICKEN FARMS

Broiler Farm

A broiler farm with an annual output of 1,000,000 birds.

OUR OWN CHICKEN FARMS

Layer Farm



A 600,000 birds' modern layer demonstration farm.

OUR OWN CHICKEN FARMS

Pullet Farm



A 1,000,000 pullets' demonstration farm.

OUR SALES NETWORK

OUR SALES NETWORK



TIANRUI covers a wide range of foreign markets, including more than 40 countries and regions in Asia, Eastern Europe, South America, Mid East and Africa, etc.