



H FRAME BROILER CAGE SYSTEM

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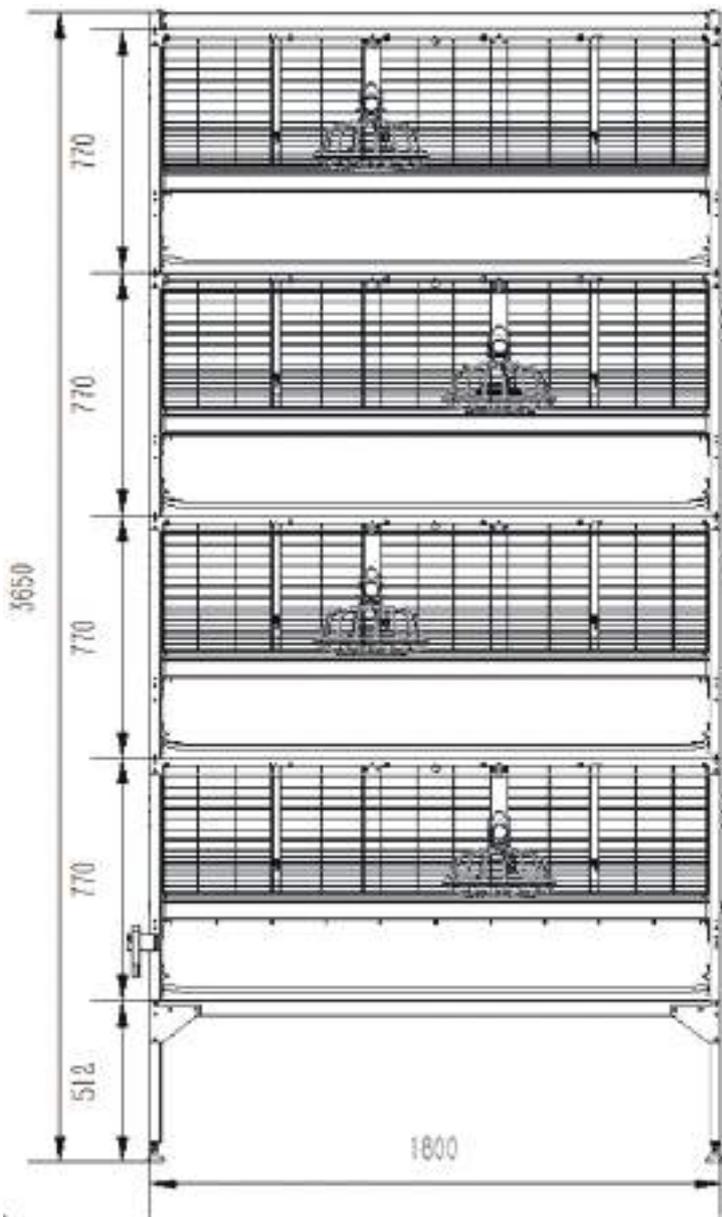
CAGE SYSTEM

The material of mainly cage frame is hot-dip galvanized steel. The galvanization standard for mainly parts is 275g/m² at least.(according to the international standard GB/T2518-2008),The main part of the cage steel thick is 2.0mm , and the remaining parts is between 1.0~1.5mm. The material of cage net is hot Galvanized wire.

Hot galvanized wire parts provide a high corrosion protection and a long service life. Spring door can be opened simply and easily the bird area is easily accessible for inspection purpose and quick and easy moving-in. It also has the advantage of smooth surface, good elasticity, high strength, low broken rate etc.



Material of movable floor is white PP with high intensity and good elasticity. It can avoid the formation of chicken thoracic hematoma, reduce the occurrence of diseases such as coccidia. The scientific grid size facilitates the manure dropping and avoids the growth of bacteria. When you harvest the broiler chickens, the floor mesh will be taken out and the chickens dropped down on the manure belt and deliver to the end of the chicken house. the transverse broiler conveyor system will deliver the broilers outside of the chicken house.



Cage Specification

cage tiers	4
cage unit space (mm)	1800x3000x460
unit area/birds (cm ²)	54000
tier height (mm)	770
cage frame height mm	3650
birds/set	420

note :birds density50kg/m² (Refer:2.5kg/bird)



B FEEDING & DRINKING SYSTEM

Each tier with 1 feeding line. There are 2 feeding pans for each unit.

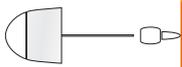
The auger is imported from South Africa. The feed conveying speed is fast, it is easy to maintain.

The main feeding line is PVC pipe, drive system(motor) is a famous brand, split speed reducer motor.

The material of feed plate is PP (polypropylene), add antioxidants, anti-purple agent, delay aging.

For each tier there are 2 watering lines, 12 nipples for drinking each unit.

Dosatron imported from France. The vacuum siphon principle is used to add medicine automatically.



MAURE REMOVE & VENTILATION SYSTEM

Automatic manure remove system

The manure belt is made by PP, which has high tensile strength to ensure a long service life.

The thickness of it is 1.2mm, and the width is 1.74. Perform ability under -10°C .

The motor details data of manure remove: 380V, 50HZ, 1.1KW, 3Phase (with protection switch) for each tier.



Temperature control system

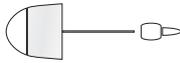
The chicken house is very strict to the temperature.

Therefore, the good box or cone fans, cooling pads and air inlet windows will be design to control the temperature and ventilation effect to give the birds good feeling while rearing.

50'fan: at the end of the shed, outside size $1380 \times 1380 \times 450\text{mm}$.



Manure is isolated from the chicken body completely →reduce the dust greatly ,the chance of infection diseases through the feces is reduce, improve the survival rate of chicken. The exercise of chicken is limited →small energy consumption can be saved the feed cost.



AUTOMATIC BIRD-HARVESTING SYSTEM

Transverse birds conveying system and birds catching platform

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

Longitudinal belt transfer birds to the transverse belt conveying system.

Eight persons can be allowed to work around the operating platform for birds catching at the sametime, which raises the efficiency of birds harvesting.

The push-pull plastic net can be pushed and pulled easily and also can move out of the ready-for-slaughter broilers easily. Its convenient for observing ,grouping or selecting and eliminating chickens. and there have enough position for chicken to gather the food and water, the degree of uniformity and health situation are both better.



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