



TechEasy Layer Cage System

-more tech, more eggs-



TechEasy layer cage is made of hot galvanized material, with a service life of up to 20 years.

TechEasy layer cage is suitable for farms with a breeding scale of less than 30,000 birds. Each system can be selected as automatic and easy to operate.

TechEasy layer cage is matched with the open chicken house, and natural ventilation is adopted, so that the chickens are more adapted to the natural environment.

TechEasy layer cage is designed with 3 or 4 tiers, which is convenient for workers to manage chickens.

TechEasy layer cage is easy to install, reduces installation costs and saves installation time.

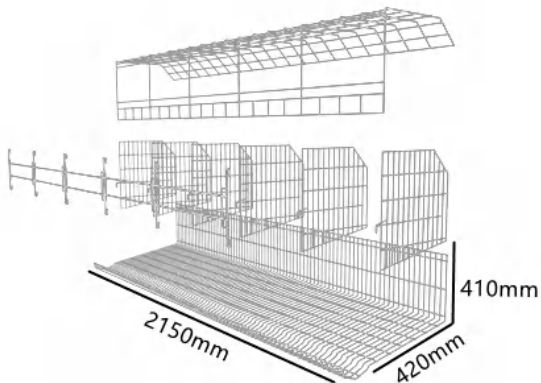


TECHEASY SERIES SPECIFICATIONS

Type No.	Dimension /Unit (Mm)	Tier/Set	Cells per set	Birds Per Cell	Birds Per Set
TechEasy 390	1950*350*380	3	30	3	90
TechEasy 4120	1950*350*380	4	40	3	120
TechEasy 396	1960*350*380	3	24	4	96
TechEasy 4128	1960*350*380	4	32	4	128
TechEasy 3120	2150*420*410	3	30	4	120
TechEasy 4160	2150*420*410	4	40	4	160
TechEasy 3150	2150*500*430	3	30	5	150
TechEasy 4200	2150*500*430	4	40	5	200



Detailed split diagram of TechEasy 3120/4160



All cage meshes are hot galvanized wire mesh or Galfan mesh, which determines that the high corrosion resistance and long service life.

The surface of the cage mesh is smooth, avoiding the sharp edges and sharp points to stab the chickens, ensuring the health of the chickens.

Detailed split diagram of one cell



- 1** The nipple hole has been punched, and the installation and replacement of nipple drinker are easy.
- 2** The trough is made of original PVC material and will not be corroded by wind and sun when used in an open chicken house.
- 3** The outer edge of the trough is 13cm, which can effectively prevent the waste of feed thrown by the chickens.
- 4** The 8° inclination angle of the bottom mesh makes the eggs roll off at a moderate speed to prevent eggs from breaking.

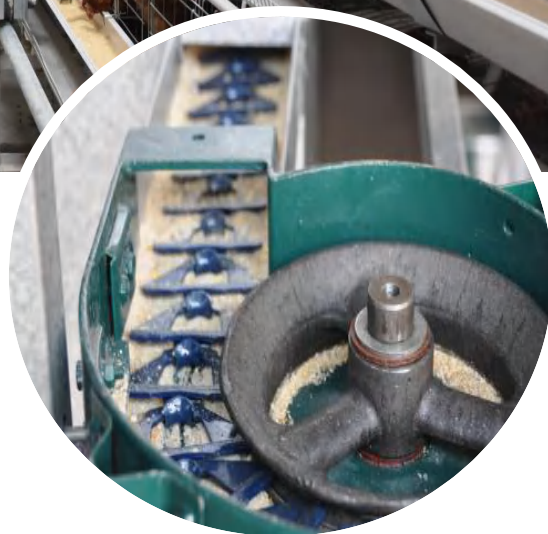


AUTOMATIC FEEDING SYSTEM



The feed silo is made of hot galvanized sheet to ensure that it is not easy to corrode outdoors.

The augers are made in Technical System with 125mm outer tube, which can deliver 4.5 tons feed per hour.



Feeding method: feeding cart or chain feeding

Easy feeding cart maintenance: open design, visual management of internal storage, is convenient for cleaning and maintenance.

Easy feeding management: the electric control box controls the entire feeding system, and one person can realize the feeding of the entire chicken house.





AUTOMATIC DRINKING SYSTEM



The position of the drinking spout is scientific, with 360° water output, making it easy for chickens to drink.

Easy drinking water management: equipped with imported medicine pumps and filter, which can provide healthy water source for breeding.

AUTOMATIC EGG COLLECTION SYSTEM

The egg belt transports each egg to the operating table of the egg collection machine, and workers collect and pack the eggs easily.

The running speed of the egg belt is 5m/min, run smoothly and avoid egg breakage.



The egg collection machine is easy to operate and can be started and stopped at any time.

The egg claws are independent and easy to replace.



AUTOMATIC MANURE REMOVAL SYSTEM

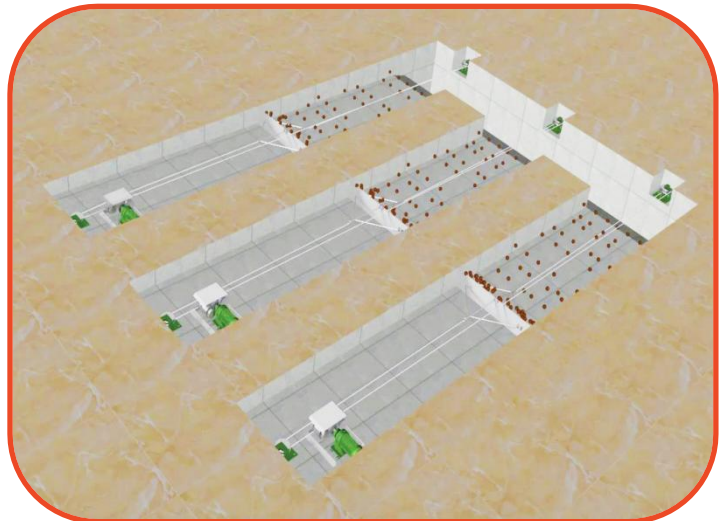


The automatic scraper manure removal machine is made of hot galvanized material, good anti-corrosion performance and low cost.



The machines in each row can operate independently, making it easier to remove chicken manure in any row.

The manure removal host is designed with guide wheels to run smoothly and with low noise, can remove 90%—98% of chicken manure, and ensure clean air in the chicken house.



CLIMATE CONTROL SYSTEM



Easy operation, set the fan parameters according to the site conditions, and ensure the temperature and ventilation of the chicken house during extreme weather.

Easy observation. Fans are equipped with a fully automatic control system, and the operation of fans can be observed through the display screen.



Equipped with cooling pads, the fresh air is cooled by the wet curtain and sent to the chicken house to provide moist air for the chickens.

It can be turned on and off automatically according to the internal temperature and humidity of the chicken house.



Using ABS material, the outer body is firm, fadeless, moisture-resistant and corrosion-resistant.

Automatic opening and closing of air inlet windows, precise control of opening and closing angle, and adjustment of air intake.

ELECTRIC CONTROL SYSTEM

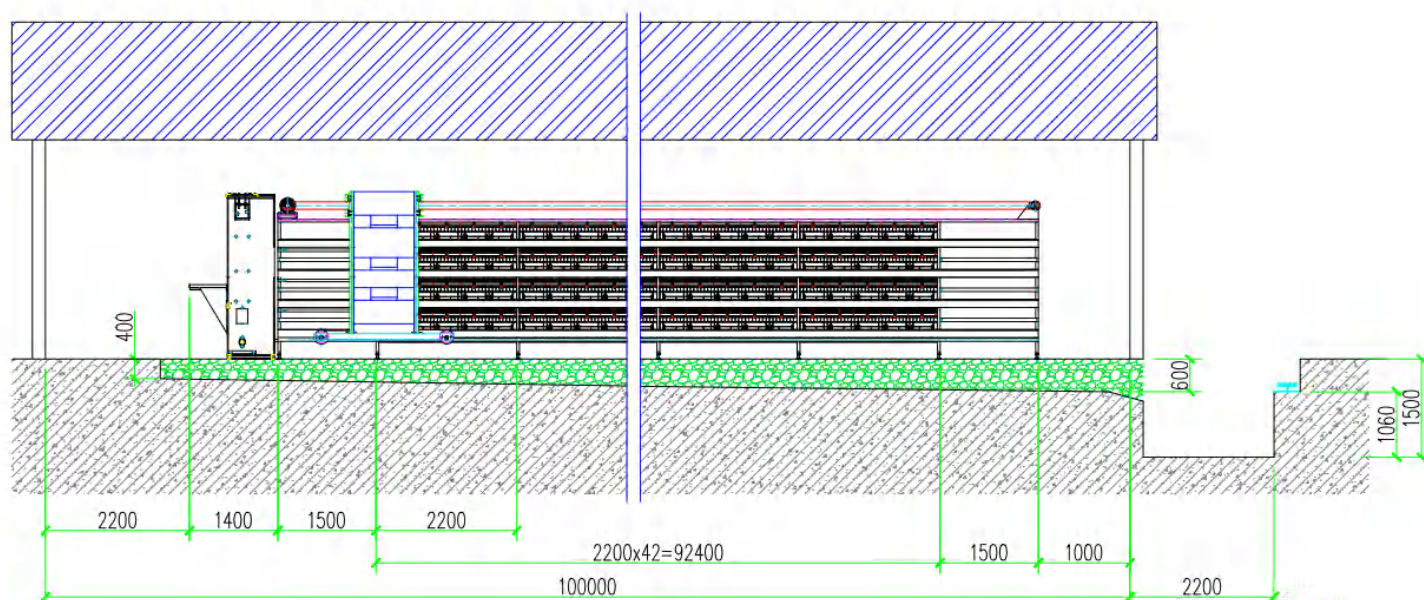
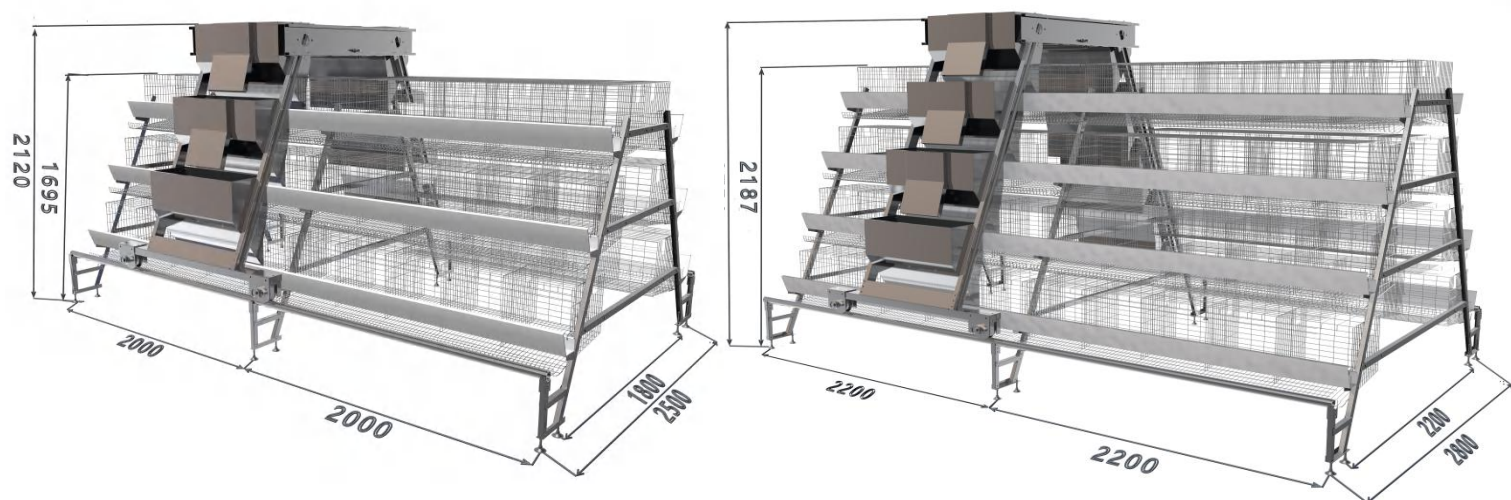
The operation is easy and fast, and each button independently controls different devices, and 2-3 workers can manage the entire chicken house.

The multi-function environmental controller controls the temperature and humidity, and the digital management of the whole chicken house can be realized by easy operation.





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