

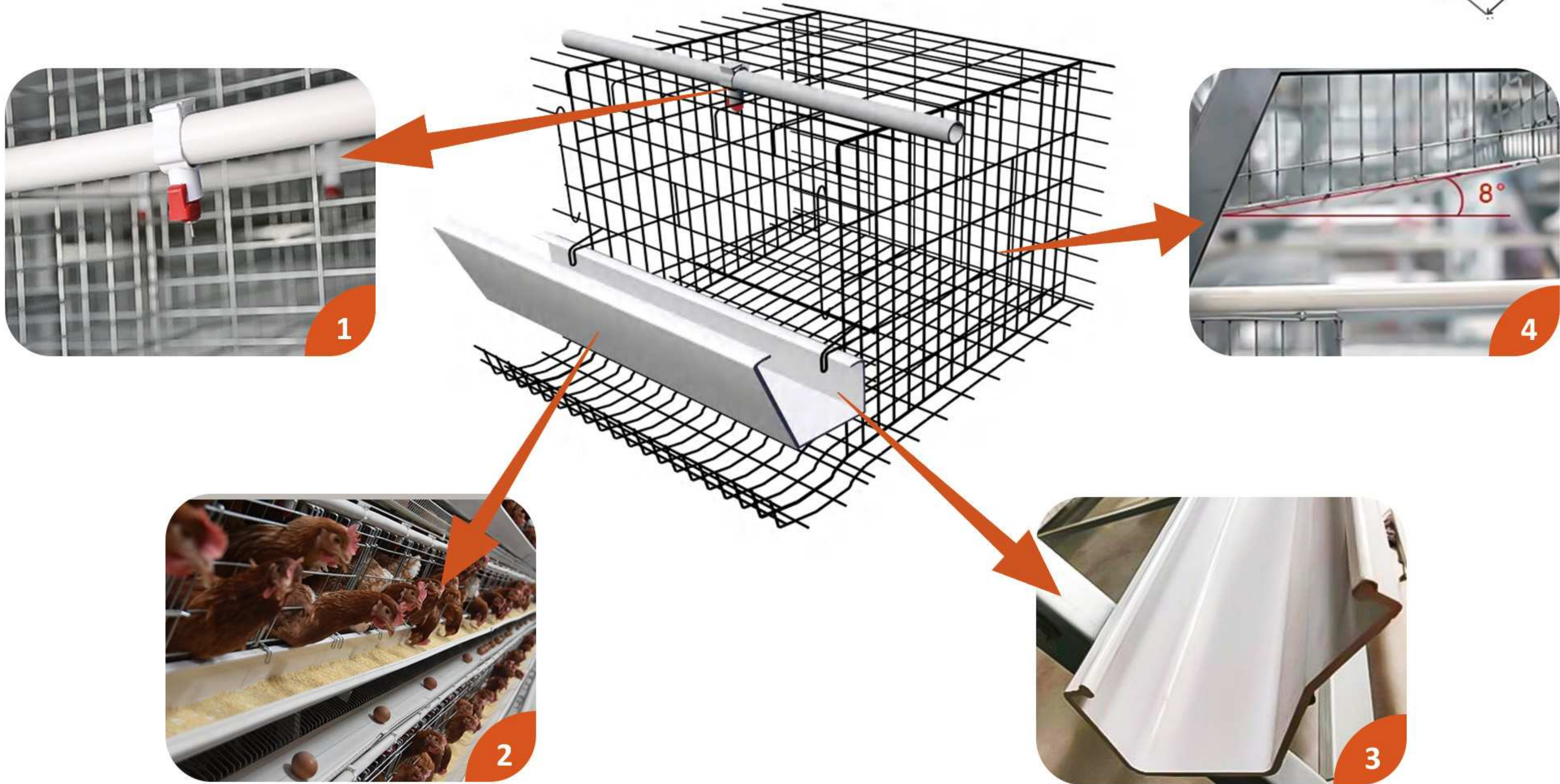
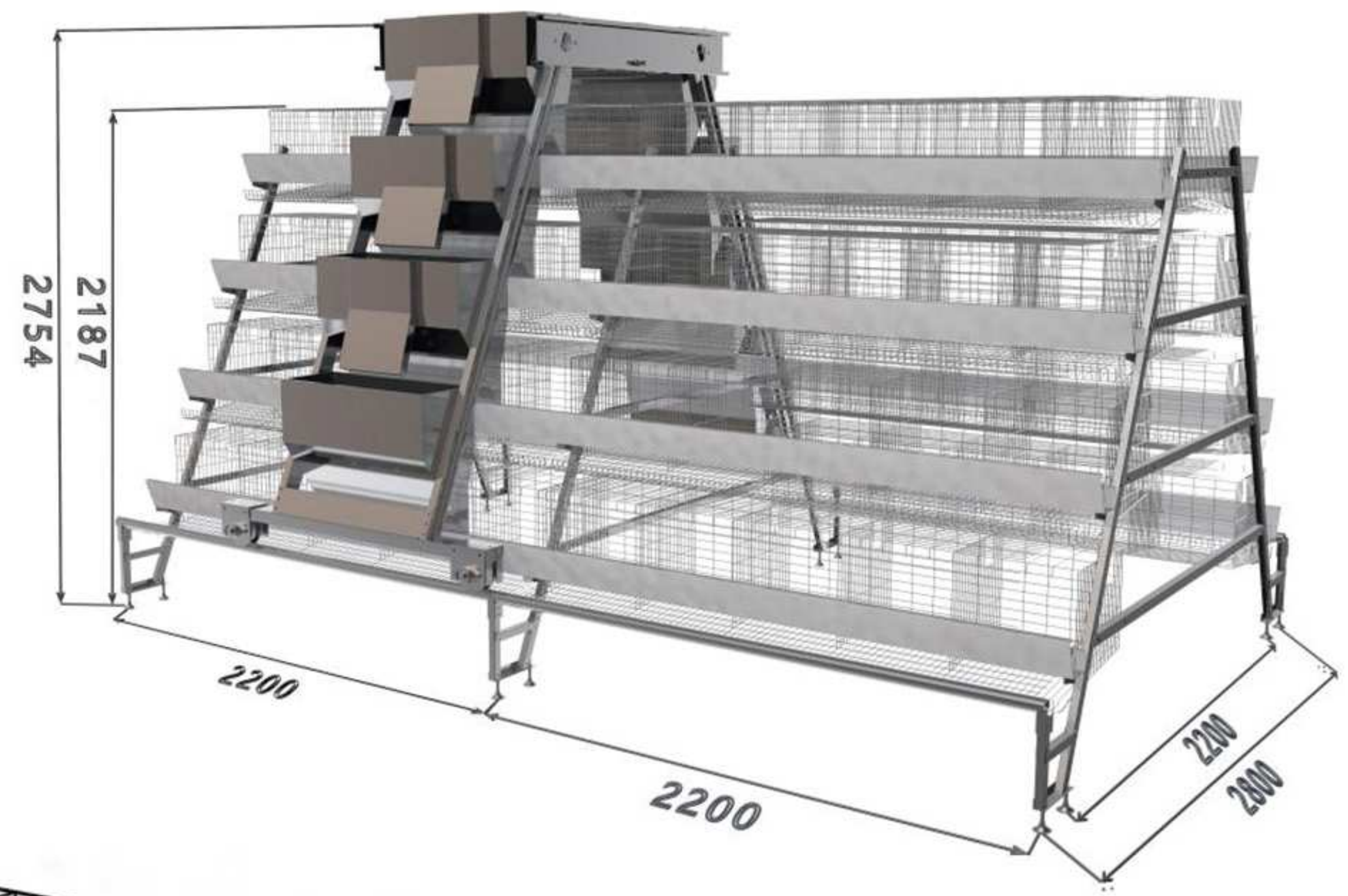
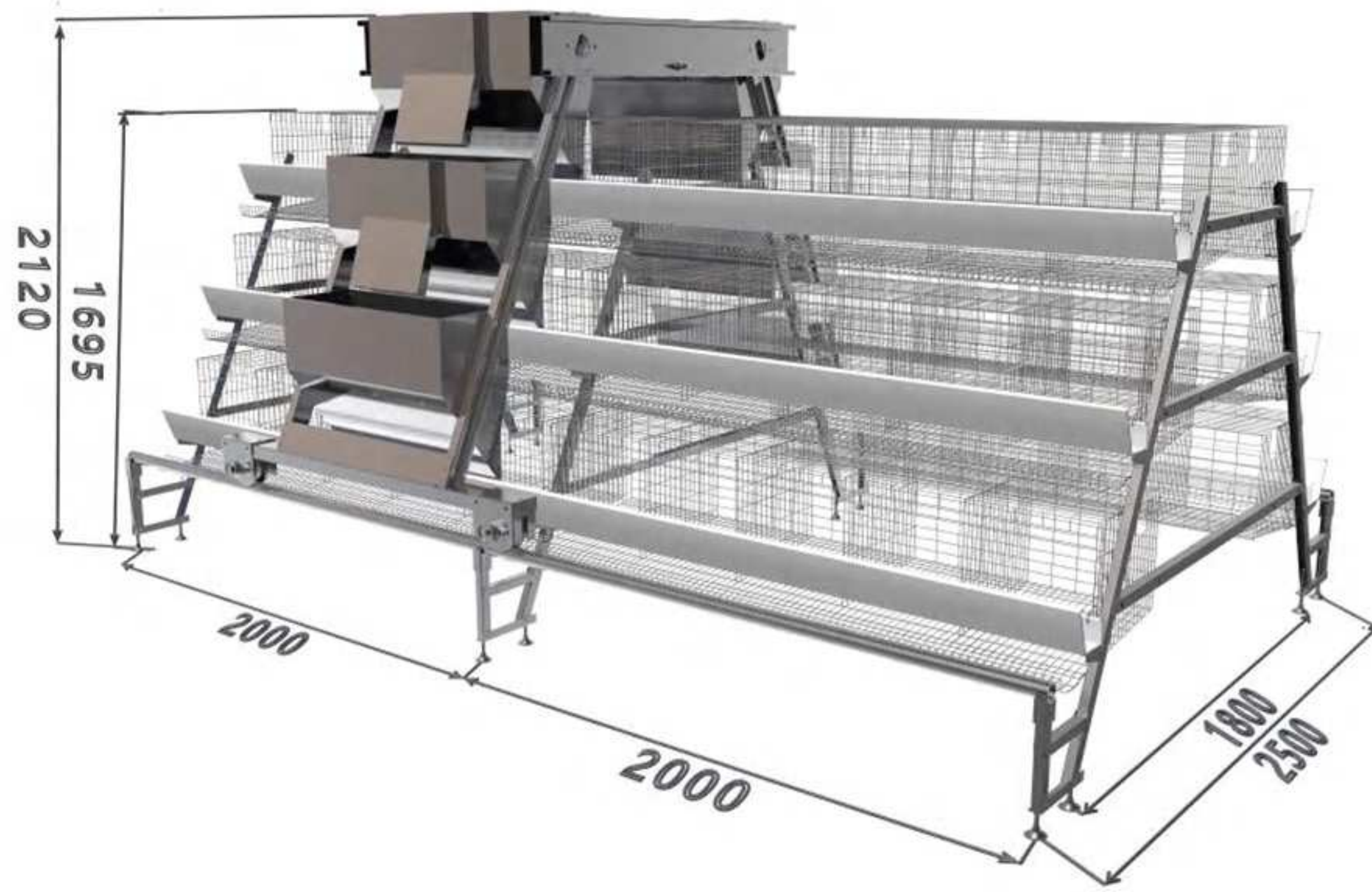


**POULTECH**  
POULTRY FARM SOLUTIONS



# TECHEASY LAYER CAGE SYSTEM

-MORE TECH, MORE EGGS-



The nipple hole has been punched, and the installation and replacement of nipple drinker are easy

The trough is made of original PVC material and will not be corroded by wind and sun when used in an open chicken house

The 8° inclination angle of the bottom mesh makes the eggs roll off at a moderate speed to prevent eggs from breaking

The outer edge of the trough is 13cm, which can effectively prevent the waste of feed thrown by the chickens

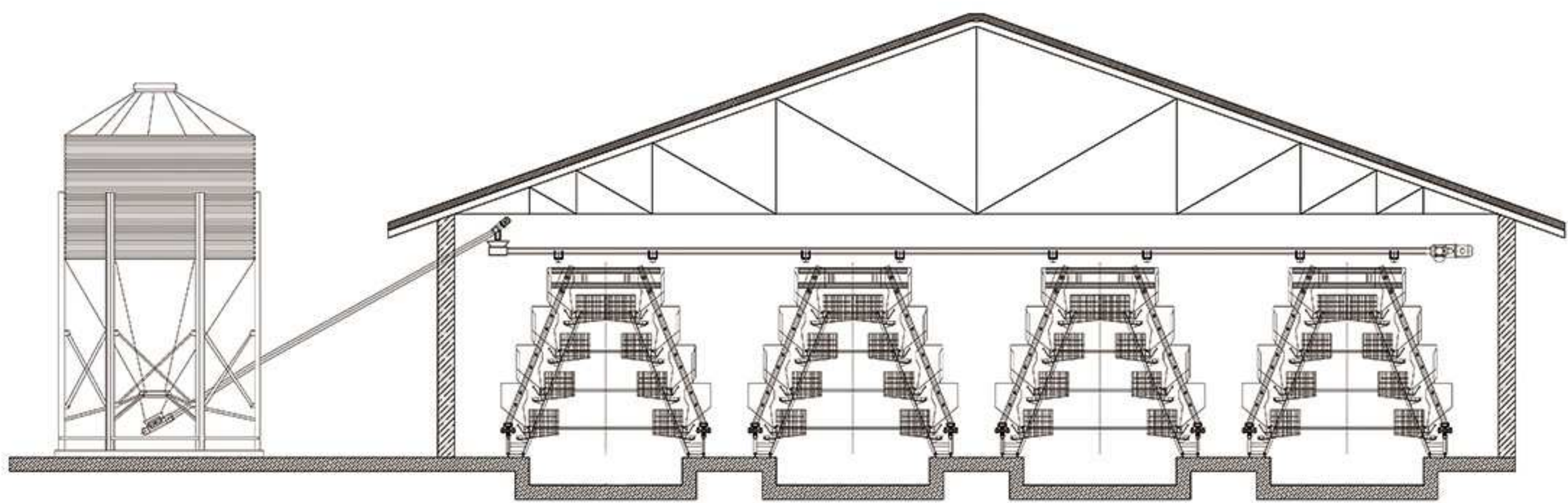


type No.	dimension /unit (mm)	tier/Set	cells per set	birds per cell	birds per set
TechEasy 390	1950*350*380	3	30	3	90
TechEasy 4120	1950*350*380	4	40	3	120
TechEasy 3120	2150*420*410	3	30	4	120
TechEasy 4160	2150*420*410	4	40	4	160
TechEasy 3150	2150*500*430	3	30	5	150
TechEasy 4200	2150*500*430	4	40	5	200
TechEasy 5200	2150*420*410	5	50	4	200



## **AUTOMATIC FEEDING SYSTEM .**

- The feed silo and main feeding line which auger diam 110 mm can delivery about 3.5 tons per hour



- Feeding method: feeding cart or chain feeding



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

AGRICULTURE  
TECHNOLOGY  
PROJECT

# AUTOMATIC DRINKING SYSTEM.



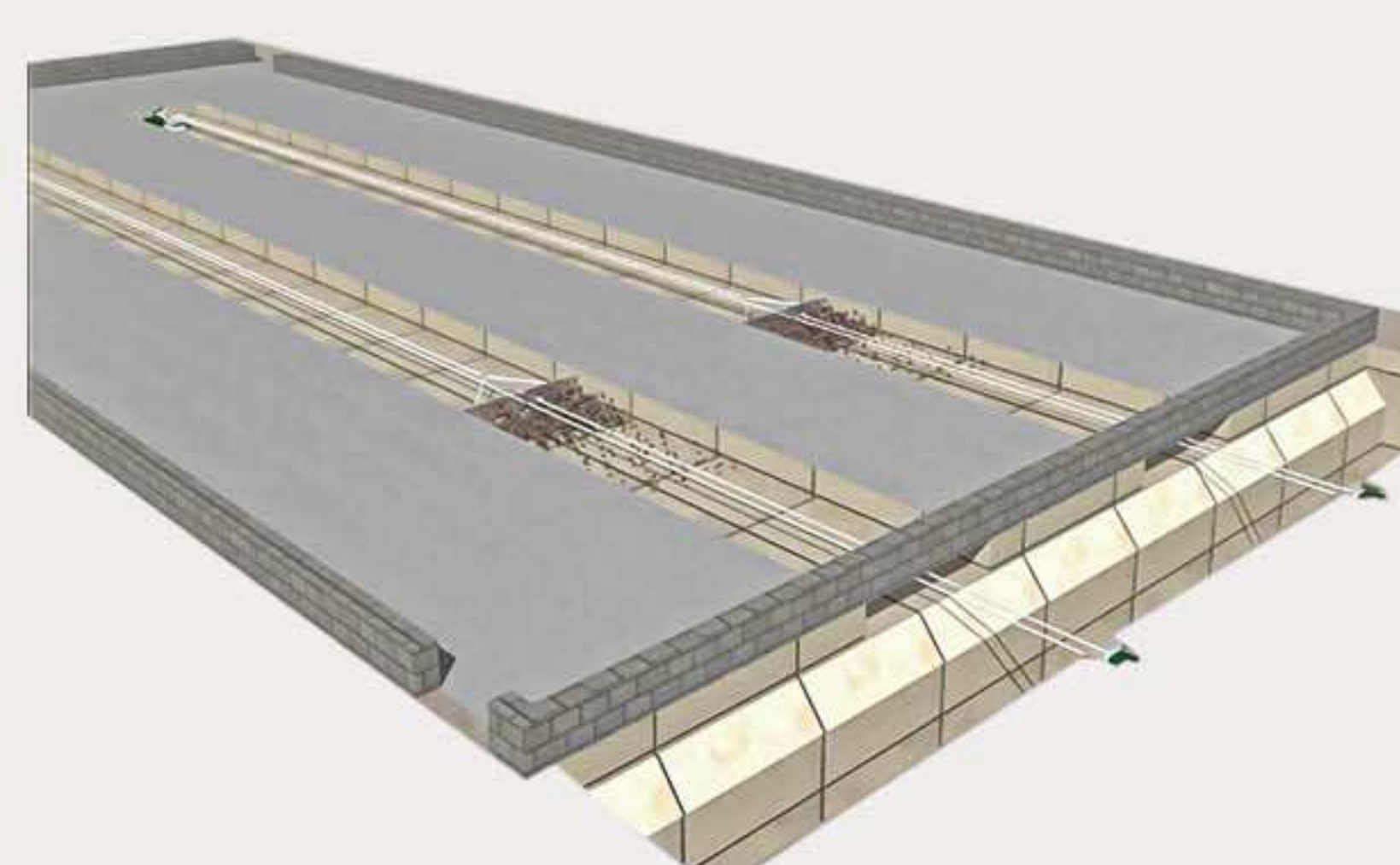
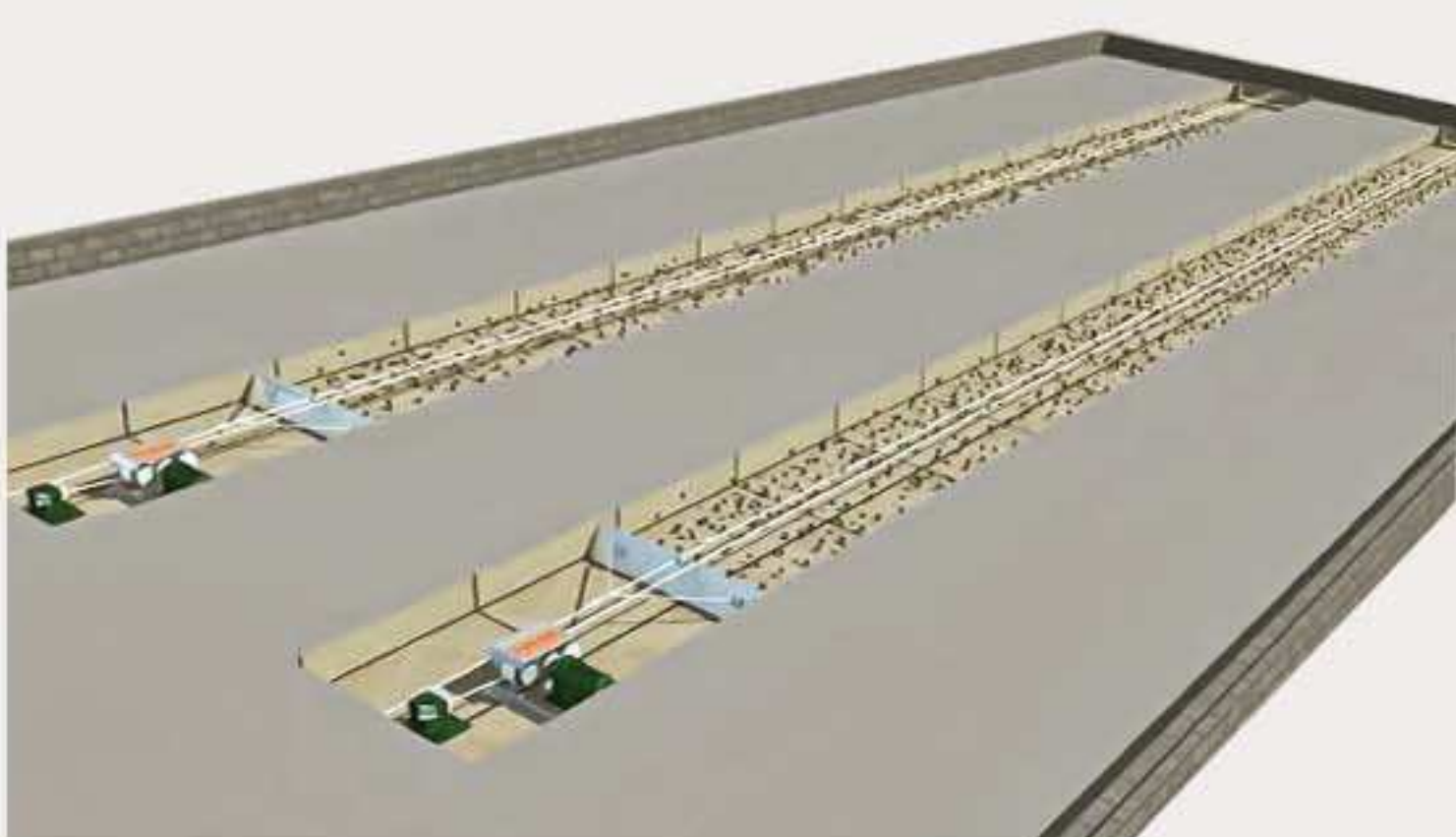
- With 360 degree flowing nipple drinkers, water drip cups and water pressure regulators, terminals, splits, water filters makes sure the water is clean and no harmful to the layers.
- The position of the drinking spout is scientific, with 360° water output, making it easy for chickens to drink
- Water regulator is located on each tier of the cage. It supplies the water from the water line to the pipes through reservoirs with the proper pressure
- The filters and the medicator are used to clean the water and keep health of all chickens

# AUTOMATIC MANURE REMOVE SYSTEM.



- The scraper type manure collection machines is designed for TechEasy layer cage systems which has manure channel under the cages

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

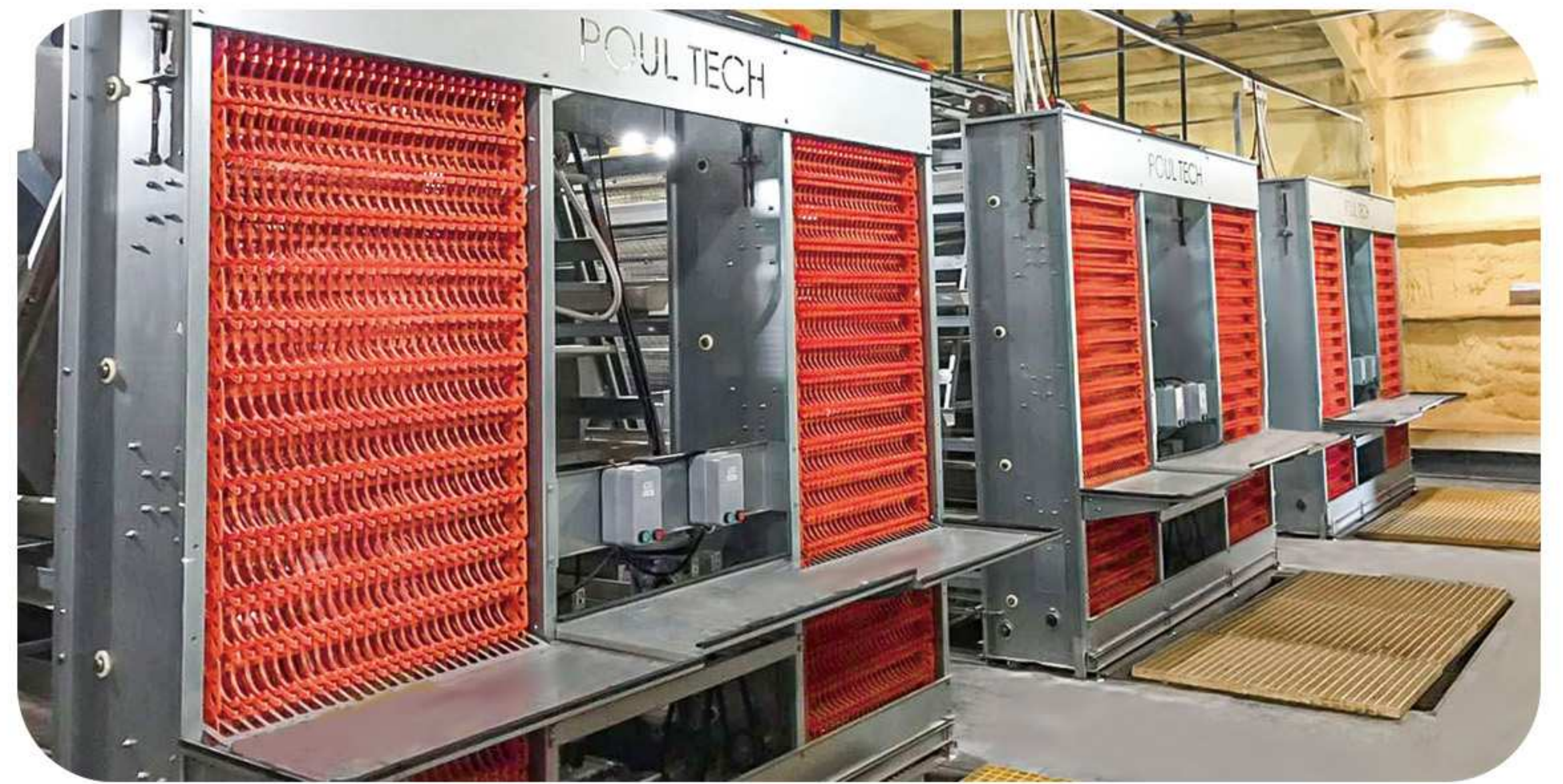


- The machines in each row can operate independently, making it easier to remove chicken manure in any row

# AUTOMATIC EGG COLLECTION SYSTEM



- The white polypropylene weaving and high-strength polyester weftbelt combined to create a more adaptable egg belt, the maximum load can reach 1587 kg
- Egg belt speed: 1.79-1.80 m/min
- The egg collection machine is made of 275 g/m<sup>2</sup> hot-dipped galvanized steel sheet, thickness  $\delta=2\text{mm}$  The sprocket is made of #45 steel quenched
- Driving motor: 0.55kW-70S for egg collection machine, 0.75kW-80S for egg belt



## VENTILATION SYSTEM.



- Ventilation Fans : To control the speed of the wind and provides the comfortable somatosensory temperature
- Environment controllers with PLC control units according to the set temperature to control the ventilation fans, cooling pads , air inlets running automatically



- Cooling pad can be used in conjunction with the wind plates to create a circulation inside the house
- IOT system is available, all equipment and data can be monitored remotely



- Air inlets adopt ABS material, moisture-resistant and corrosion-resistant, fadeless
- The central control box can be customized according the requirement and the house situation





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