

Simple/Reliable/Green/Efficient

大牧人
Big Herdsman



LAYER CAGE - BH600

The BH600 layer cage system, developed by Big Herdsman, is a fully automated solution that integrates egg collection, feeding, drinking, manure removal, lighting, environmental control, and IoT modules. This system meets high standards for animal health, egg production performance, and environmental control. It can be designed with 3 to 12 tiers, and its modular structure makes installation and maintenance more convenient.



WEBSITE

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EGG PRODUCTION

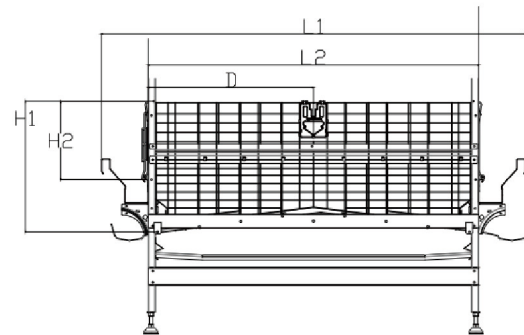
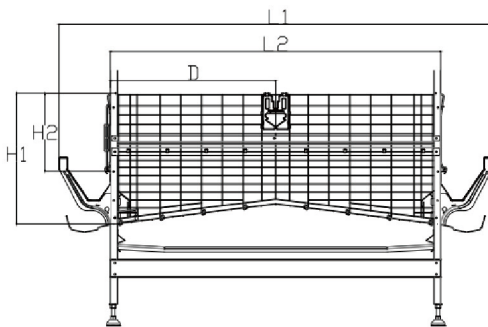
Technical Description

- **Stacked Design:** Robust structure, high rearing density, space-saving, and cost-effective.
- **Egg Collection System:** Stable operation, low egg breakage rate, high automation, and easy operation.
- **Water Quality Assurance:** Front-end filtration ensures clean water, with two drinking nipples per cage for sufficient water supply.
- **Manure Removal System:** Made of high-corrosion-resistant materials with a well-designed structure to ensure clean manure belts.
- **Intelligent Environment Control:** High-level automation adjusts environmental conditions to reduce mortality rates and improve egg production.



- **Materials:** Zinc-aluminum-magnesium sheets for superior corrosion resistance.
- **Wire Mesh:** Welded with aluminum-zinc-coated wire, offering corrosion resistance 3-4 times higher than traditional hot-dip galvanized wire, ensuring longer service life.
- **Structural Design:** Sliding cage doors for easy operation and secure containment.
- **Feeding Trough:** V-shaped roller design with high strength, feed-saving features, and mold-resistant properties for improved feed conversion rates.

Product Parameters



Parameter	Unit	Standard Chain Cage	Standard Trolley Hopper Cage
Standard height/tier	mm	640/700	640/700
D Unit depth D	mm	600/650	600/650
L Unit width L	mm	603	603
H1 Unit door height H1	mm	277	277
H2 Unit front height H2	mm	466	466
S Bottom mesh sqcm	cm ²	3618/3919	3618/3919
n Number of birds/unit	bird/cage	8~9	8~9
S Space/bird S	cm ²	402/452~435/490	402/452~435/490
L2 Cage width L2	mm	1200	1200
L1 System width L1	mm	1575	1540

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SCAN QR CODE ON WECHAT

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LAYER CAGE-BHLCS625

The BH625 stacked layer cage system is specially designed for commercial layer farming, offering higher cost-effectiveness and profitability. It integrates automated feeding, drinking, egg collection, manure removal, and environmental control functions. Each house requires only one operator for management.



WEBSITE

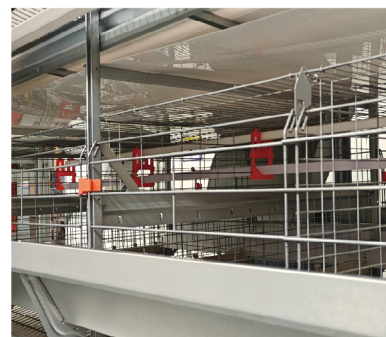
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EGG PRODUCTION

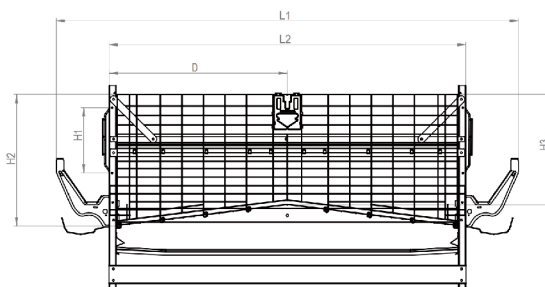
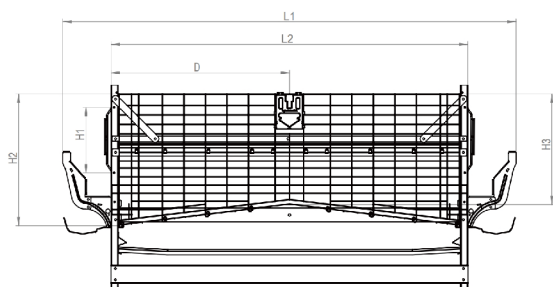
Technical Description

- Sliding cage door: plastic parts are used for limitation, making operation convenient and avoiding birds escape.
- All cage system is made of hot galvanized plate, strong corrosion resistance.
- All mesh are made of aluminum plated zinc wire welding, corrosion resistance is 3-4 times of normal hot dip galvanized wire mesh, long service life.
- V-shaped rolled feed trough has high structural strength and wide section, saving feed, preventing feed throwing and mildew, and improving feed conversion rate.
- Reasonable Angle of bottom net, ensure that eggs roll to the egg belt smoothly, effectively reduce the rate of egg damage.
- AV-shaped water trough is arranged under the drinking line to prevent water drops from falling on the manure belt, and the water content of birds manure is low.



- The laminated frame features a reasonable design and a firm and reliable structure. High-density feeding saves land and cost.
- The egg collection system features stable operation, low egg breaking rate, convenient operation and high automation.
- The front-end filter unit ensures clean water, with 2 nipples in a single cage, sufficient water supply and convenience in drinking.
- The manure cleaning system features high resistance to corrosion and reasonable structural design, ensuring that the manure belt is clean.
- The environment control system is highly automated and intelligent, providing a good living environment for birds, which can reduce mortality rate of birds and enhance laying rate.

Product Parameters



Parameter	Standard Chain Cage	Standard Trolley Hopper Cage
Standard height/tier	640/700	640/700
Unit depth D	625	625
Unit width L	650	650
Unit door height H1	230	230
Unit front height H2	460	460
Bottom mesh sqcm	4062.5	4062.5
Number of birds/unit	9~10	9~10
Space/bird S	406~450	406~450
Cage width L2	1250	1250
System width L1	1590	1630

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