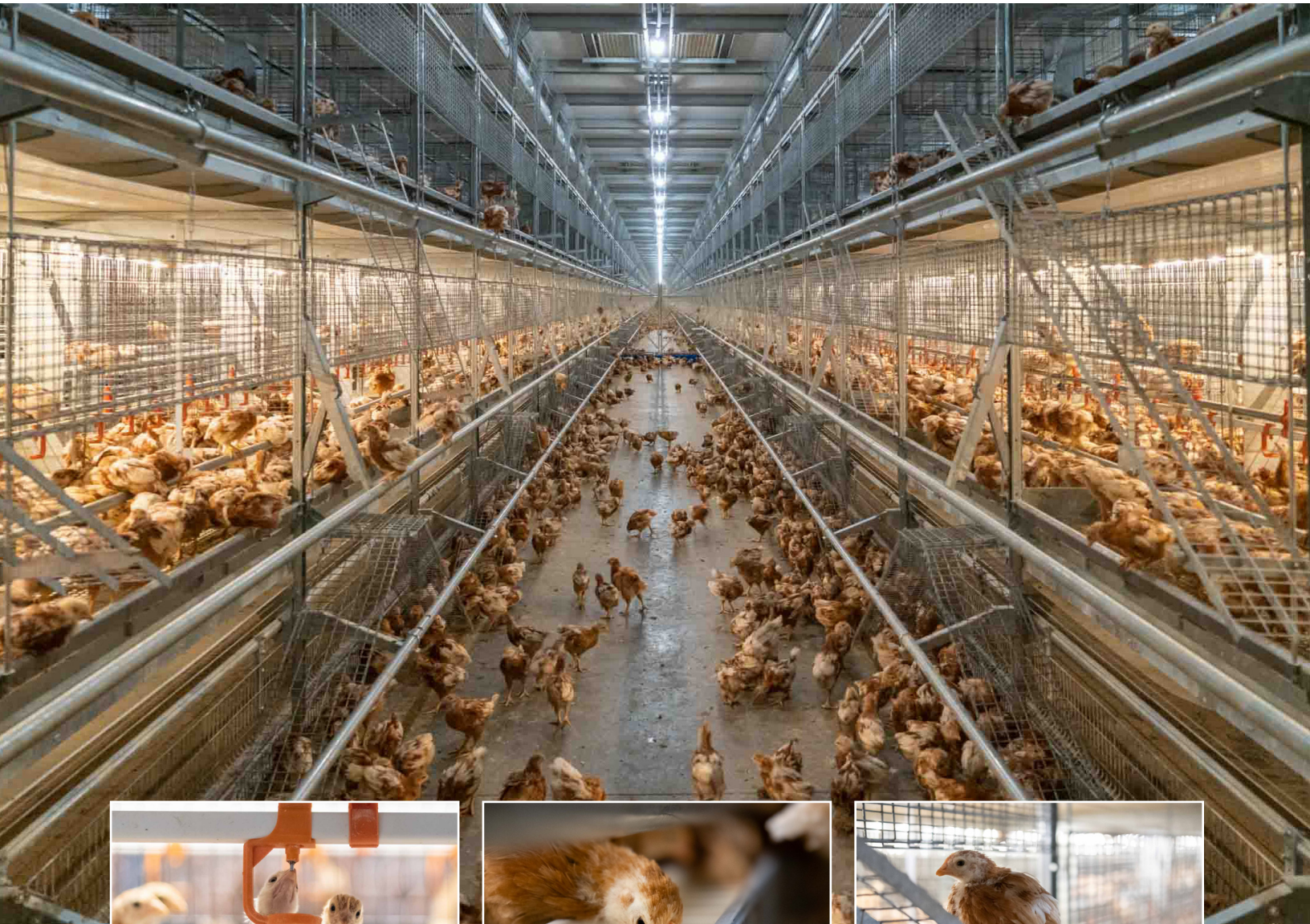




Big Dutchman®



NATURA® Filia

Two-tier aviary for rearing healthy and uniform pullets

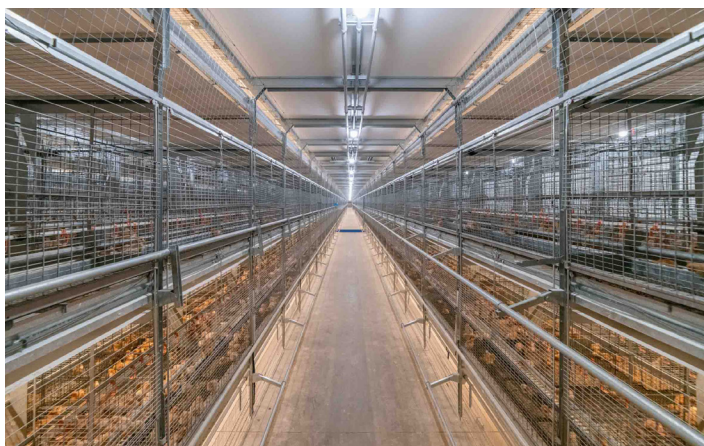
NATURA® Filia

The ideal aviary system for getting your young flock off to the best start.

For rearing pullets, Big Dutchman offers you the two-tier **NATURA® Filia** aviary system. This system provides your young flock with the ideal conditions for a smooth and healthy transition from the rearing house to the laying house, resulting in excellent laying performance.

The **NATURA® Filia** gets your flock off on the right foot with their development separated into two phases: the move-in phase, and the open phase, resulting in an easy and healthy transition from the rearing system to a **NATURA®** laying system.

PHASE 1: MOVE IN PHASE – MOVING THE CHICKS INTO THE SYSTEM (DAY-OLD CHICKS):



The day-old chicks are placed in the lower tier of the system for the first 10-14 days, allowing for better temperature control and an easier-to-manage system during this first phase of rearing.

After 2-3 weeks, half of the flock is moved to the upper tier in order to provide more space for the birds to move around. Once the flock is split, the interior doors can be opened to gradually introduce the birds to a larger group.

Raised platforms inside both tiers help train the pullets to jump and fly at an early age while the system is still closed.

PHASE 2: OPEN PHASE – OPENING THE SYSTEM:

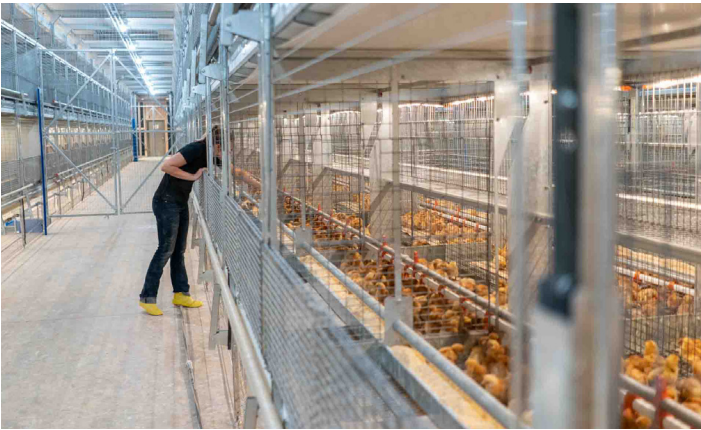
At 5-6 weeks, the doors are opened allowing the flock to move in the aisles and between tiers by use of the ramps, bridges, and adjustable perches. This movement aids in the development of healthy bone structure and muscle strength.

The area under the system is used as litter space and can be closed off automatically until additional space is needed.

By the time the pullets are transferred to the laying aviary system at week 16, they are well-trained and immediately comfortable using the different areas in the aviary layer system.



SLIDING FRONT DOORS:



Sliding front doors provide ease of access



Sliding door open at the bottom tier

Benefits:

- Doors are simple to open for easy inspection
- Option of manually opening individual doors, or centrally with a hand winch

PERCHES, BRIDGES, AND RAMPS:

Extendable perches, bridges, and ramps are used at an early age to encourage bird movement into and out of the system. This system design ensures bird movement between both tiers and the floor, which creates an environment for the pullets to develop healthy bone structure and muscle strength.

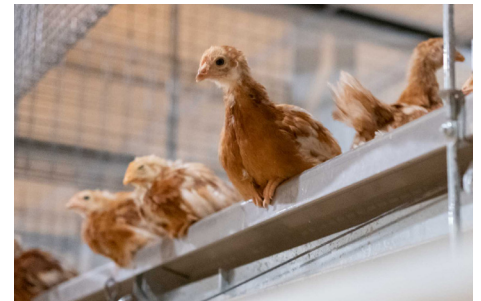
At sunset, the hens move back into the system on their own to roost for the night, which gets them off the litter, and into an area where they feel safe and secure.



Bridges are used to help the young chicks reach the lower tier



Ramps are used so the flock has easy access to the upper tier



The patented approach rail ensures the flock perches facing the aisle and is available in stainless steel

- Up to 70% less manure in the aisle area
- Reduced ammonia in the house, better house climate

PERCH AND PARTITIONS:



Perches above the drinker line and feed trough allow the birds to perch while keeping feed and water from being soiled.

As your flock grows the drinker line is easily adjusted. Perches can be adjusted at a central location.



On both tiers, an interior door is installed at every half section – 58.46" (1.49m). This door separates the birds into smaller groups at system start-up. This is especially important when birds are moved in, moved out, or during vaccinations.



The interior doors can be opened to gradually introduce the birds to a larger group.

IDEAL LIGHTING OF HOUSE AND AVIARY:



Correct lighting is an important factor not only for layer management but also in pullet rearing. Pictured above: Special dimmable LED lighting.



For the aviary, different LED lighting options are available. All lights are dimmable.

In order to ensure an optimum light supply, the lighting program used during rearing and the laying period should closely match each other.

ADDITIONAL FEATURES:



The bottom wire on all levels is made of Zn-Alu coated wire, providing 3 to 4 times better corrosion protection, as compared to galvanized wire. A 3/4" x 3/4" mesh size provides a secure foothold for the chicks.



The NATURA® **Filia** allows for uniform temperature throughout the house, and optimum litter conditions. The system is available with or without an air duct. An air duct has the following advantages:

- Improved drying of manure
- Even less ammonia emission
- More uniform climate conditions
- Additional oxygen supply to the day-old chicks (Especially during minimum ventilation in the wintertime)



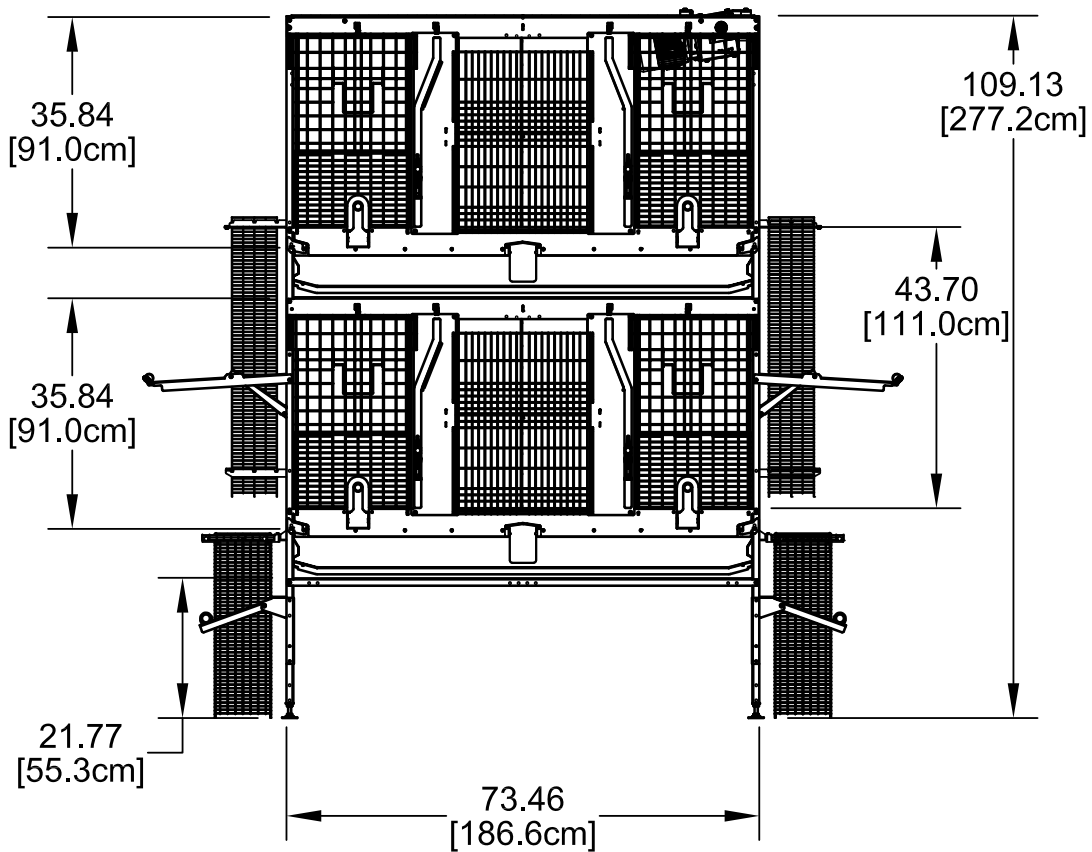
START SMART



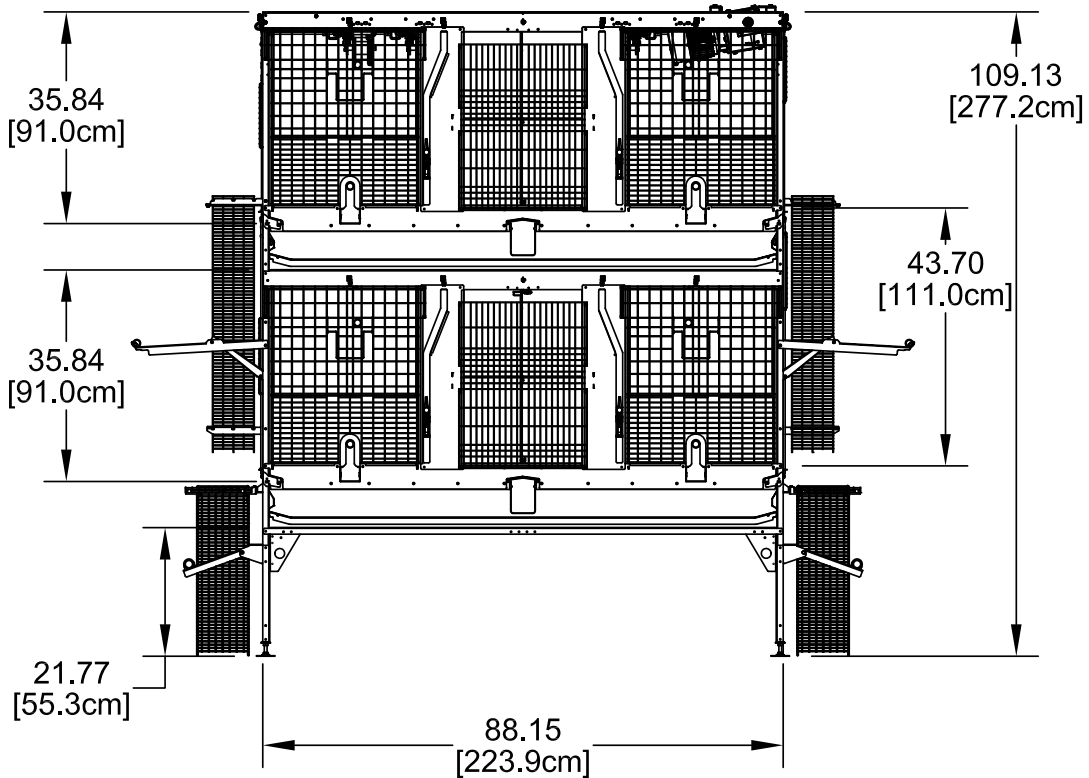
FINISH STRONG

It's important to raise your flock in an environment that gives the pullet every opportunity to excel in the cage-free layer environment. By using an aviary rearing system to raise your pullets, you are developing a hen that will have less stress and be better prepared to maximize their full layer potential.

NATURA® Filia 1800



NATURA® Filia 2200



Big Dutchman.

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Technical details are subject to change. 04/2023