



Big Dutchman®



NATURA® 70

Select access multi tier aviary for barn and free range egg production

NATURA[®]70

Flexible, efficient and profitable

The NATURA70 is Big Dutchman's aviary system for layers.

The design of the NATURA70 increases reliable and efficient production while reducing the management labor.

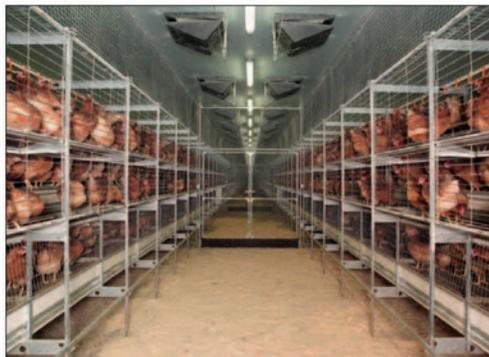
NATURA70 PROVIDES THE FOLLOWING ADVANTAGES:

- The aviary remains locked during the familiarization phase:
 - Easy access to feed and water
 - Good start into the laying phase
 - Minimizes the number of slat and floor laid eggs
- Stairways provide access for the hens to the different levels throughout the aviary
- Hens reach the scratching area through large openings along the entire length of the system
- Partitions are installed every 7.9' ft making group sizes manageable
- Longitudinal egg belts provide gentle egg transportation
- Easy collection of system eggs
- Folding grill is easy to operate and provides access to the entire system with little effort
- Every row is completely functional

PHASE OF FAMILIARIZATION:

After the hens are moved in, the system remains locked for a determined period of time, allowing the hens to get to know their new environment. Feed and water can easily be accessed, and the hens become accustomed to all levels by using the stairways.

A partition installed every 7.9' makes for manageable group sizes up to 176 birds, ensuring the nests are evenly used right from the start. The system can be fully opened after the familiarization phase, allowing the hens to act out their natural behaviors of scratching, pecking and dust bathing. Note: the pullets should have already been reared in an aviary-type system, which is an important condition for a good start into the laying phase, and reduces stress when the birds are moved in.



Familiarization phase: the system remains locked



Laying phase: the system is open



Stairways provide access for the hens to all levels

Top tier: Resting area with perches at different heights, and nipple drinkers for water supply.

Stairway: Hens have easy access to all levels.

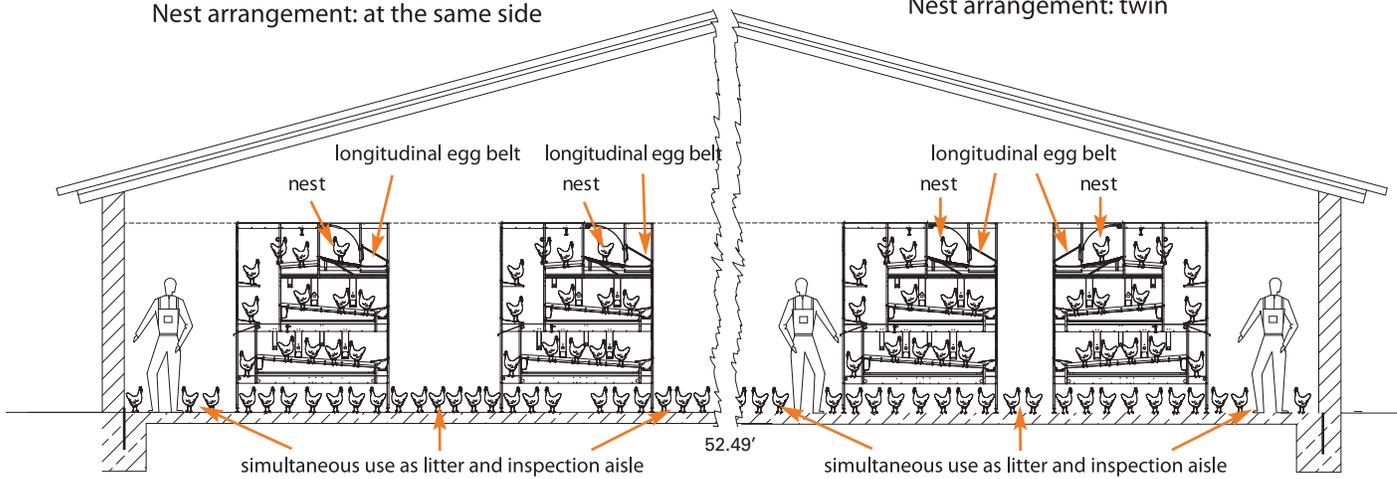
Large openings provide easy access to the scratching area.



The pre-located perches allow for easy access for the hens

Nest arrangement: at the same side

Nest arrangement: twin



The **NATURA70** has no bird-free inspection aisles, allowing the hens to use the entire house surface as a scratching area, giving the **NATURA70** higher bird capacities than the **NATURA60**. To achieve optimum bird numbers, the scratching area can be split in a longitudinal and transverse direction, which can be repeated depending on house dimensions.

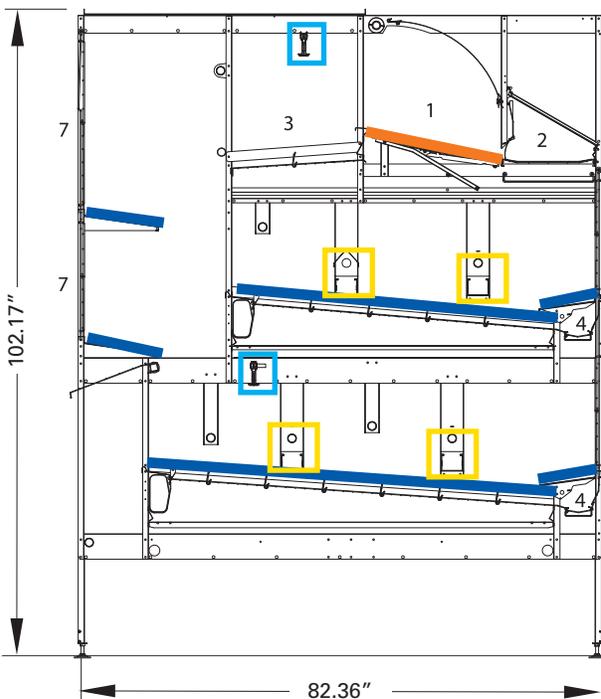
The egg belt can be positioned on either side of the system depending on customer preference. The aisle width can also be adapted according to house dimensions. 13-14' of house width is recommended per row/scratching aisle.

The **NATURA70** can also be used as an aviary with free range area



NATURA70: The rows are arranged in the same direction in the house, at the left side you see the longitudinal egg belt, and at the right side the large entry openings

NATURA70 PROFILE:



1. Laying nest
 2. Longitudinal egg belt 13.75" with cover
 3. Floor in front of the nest
 4. Egg channel for mislaid eggs
 5. Sliding door and separation to scratching area
 6. Sliding door for easy bird supervision
 7. Folding grill for effortless bird supervision
- The arrangement of the different areas of activity encourages bird movement within the system.

- Nest surface
- Watering
- Feeding
- Usable surface

Section length: 94.96" (241.2cm)



Comfortable folding grills allow for easy access to the system for inspection

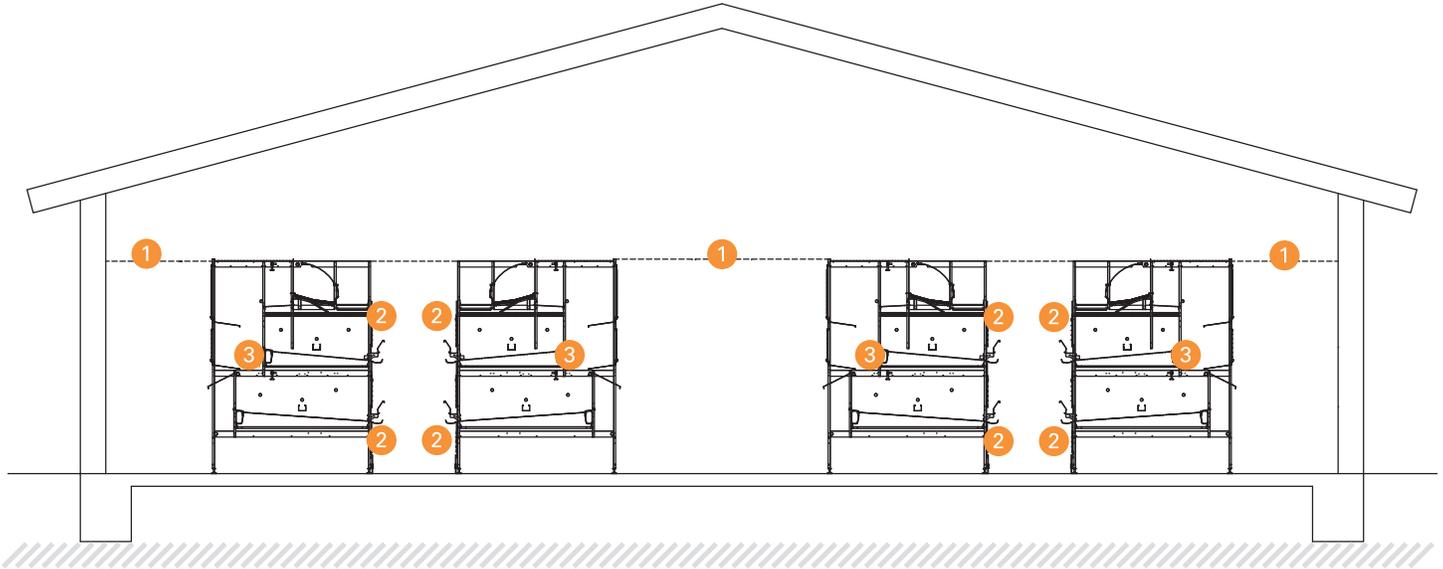


The rare mislaid system eggs are easily collected from the egg channel

CORRECT LIGHTING FOR OPTIMUM DISTRIBUTION OF LIGHT WITHIN THE HOUSE

To ensure the success of your house, Big Dutchman's lighting program uses three different sources of light coordinated by a lighting system:

- 1 LED 12 watt ONCE lighting - dim to red
- 2 LED 3 watt ONCE lighting - dim to red
- 3 LED ONCE lighting tube light - dim to red



Big Dutchman

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Technical details are subject to change. 7/2017

86-00-6018