



# Big Dutchman®



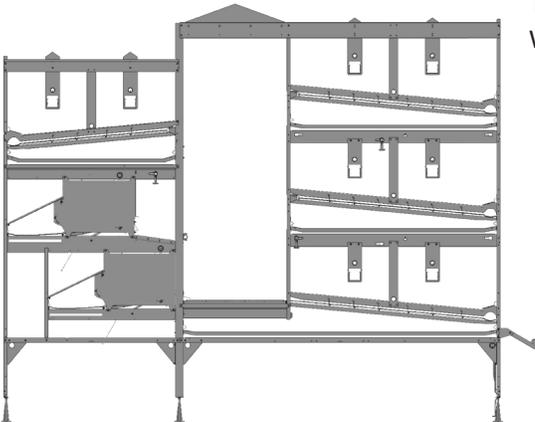
# NATURA® Nova Barn

Multi-tier open access aviary layer system

# NATURA® Nova Barn

- Completely open design for easy movement throughout the entire system
- Ability to have a multi level design
- True aviary with higher bird densities
- Walkway for easy and thorough system flock inspection
- Each system row is independent and can stand alone
- True nest with patented tiltable floor design
- Zn-Alu wire coating allows for a clean system
- Easy to manage design

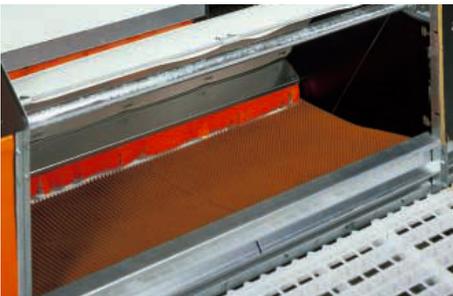
## TRUE AVIARY DESIGN:



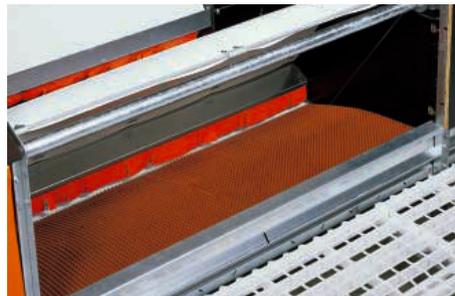
The NATURA® Nova Barn is a multi-tiered true aviary system which is fully open. With this system you get true cage-free production, meaning the system:

- Features a true nest area, which creates an environment where the hens want to be – thus producing the best possible nest acceptance
- Includes dedicated areas for resting, feeding and perching
- Is open in design, allowing hens to move through and easily utilize all areas of the system – including having complete floor access to exhibit natural foraging and scratching activity

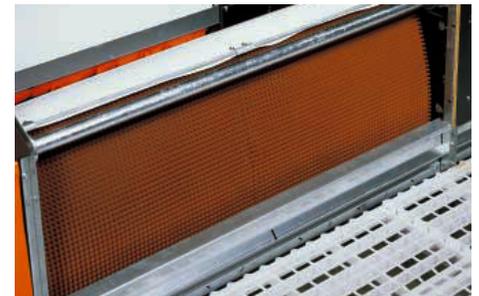
## TRUE AVIARY TILTING NEST FLOOR (PATENT-NO. EP 1 086 623 A2)



The egg belt is located in the center, allowing the eggs to be laid directly in front of the belt. This design ensures the shortest possible roll-off distance for the eggs, **minimizing the amount of cracked and checked eggs.**



Before the divided nest floor completely closes, it is first raised in the center slightly, which **provides a gentle egg roll off onto the center egg belt.**



The nest floor is raised completely, allowing any dirt to drop off the nest insert, and closes off the nest to **prevent hens from entering and brooding inside.**

## NEST PLACEMENT AND EGG BELTS:



The placement of our nests are located on two different levels. The lower level provides immediate access for the hens without the need to jump. The other nests are placed on a second tier and are offset, which allows for easy egg collection and nest inspection.

- Nest placement on two levels
- Easy inspection of nests and egg belts
- Egg belts are perforated and made from plastic to keep eggs clean and reduce checks
- Two large egg belts outside each nest
- Three egg belts on the outside for eggs not laid in a nest

## FREEDOM TO MOVE THROUGHOUT THE SYSTEM AND BARN:



The design of the NATURA® Nova Barn and other open aviary systems provides your flock complete freedom of movement throughout the system and easy access to and from the litter aisle.

Providing this amount of activity results in a flock that's more calm, healthy and ultimately more productive layers.

## PERCHES AND PERCH PLACEMENT:



There's science in perch design and placement. Perches allow your flock to have a place to relax, and the design of the perches provide comfort. The placement of perches encourage flock movement which relaxes the flock, and at the same time maximizes proper air circulation, resulting in a healthy and comfortable environment.

The patented approach perch is designed to protect any mislaid eggs. It also positions the hens to face outside of the system while roosting, allowing the manure to fall onto the manure belt, resulting in lower ammonia levels and a cleaner system.



## FRESH FEED FROM OUR CHAMPION™ CHAIN FEEDING SYSTEM:

The CHAMPION™ chain feeding system presents feed at pre-set levels and allows birds easy access to feed. An extra wide trough and special lip design keeps feed in front of your hens, maximizing feed conversions.



## EASY ACCESS TO FRESH DRINKING WATER:



The hens have 360° access to fresh drinking water throughout the system. Each compartment is equipped with stainless steel nipples, providing every hen with easy access to water at any time. Drip water cups prevent corrosion and help to keep the manure dry.

## QUALITY LITTER:

Uniformity of lighting and ventilation, along with system design, result in even spacing of the hens throughout the house allowing the litter to dry thoroughly. This is ideal for the flock as they dust bathe, scratch, and act out other natural behaviors. The hens will pay more attention to the litter and less to each other, resulting in a calm and healthy flock.

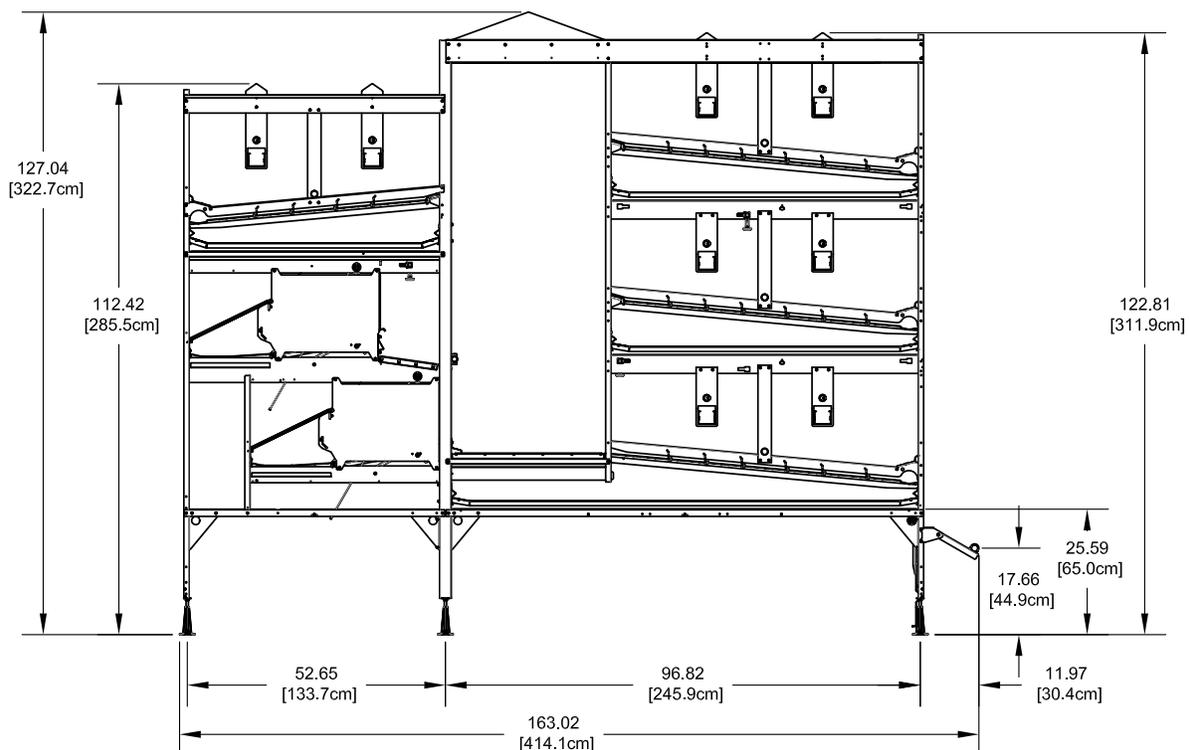


## SYSTEM MANAGEMENT:

With our NATURA® cage-free systems, flock inspection, gathering mislaid eggs, nest, feed and water inspection can all be done by walking the litter aisles.

**Waste management:** Proper manure drying reduces ammonia emissions in the house, minimizing any harm to the environment, and promoting the birds' well-being.

Manure drops through the Zn-Alu coated floor onto continuous polypropylene belts, and is then carried out of the building.



For USA, Canada and South America please contact:

Big Dutchman, Inc. - USA

3900 John F Donnelly Dr • Holland, MI 49424 • USA

tel +1 616 582 4000 • fax +1 616 392 6188

www.bigdutchmanusa.com • info@bigdutchmanusa.com