



Big Dutchman®



SuperTripleDeck

The flexible egg production system
– ideal for tropical climates –

SuperTripleDeck – your first Big Dutchman!

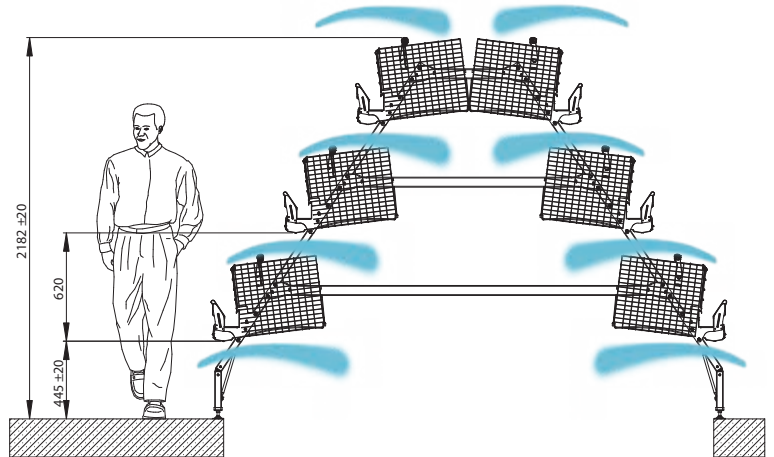
SuperTripleDeck is a three-tier laying battery developed by Big Dutchman and characterised by a long service life, high functionality and perfect conditions for humans and birds. During development, we focused on the

system's suitability for tropical climates and optimal use with natural ventilation. Depending on the customer's wishes and to allow for an easy start into modern egg production, Big Dutchman offers this system

in different versions (manual and automatic) and with three expansion stages. Upgrading or retrofitting the system at a later point is easily possible.

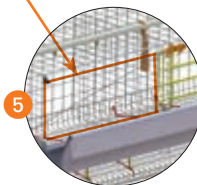
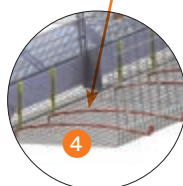
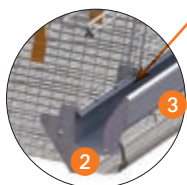
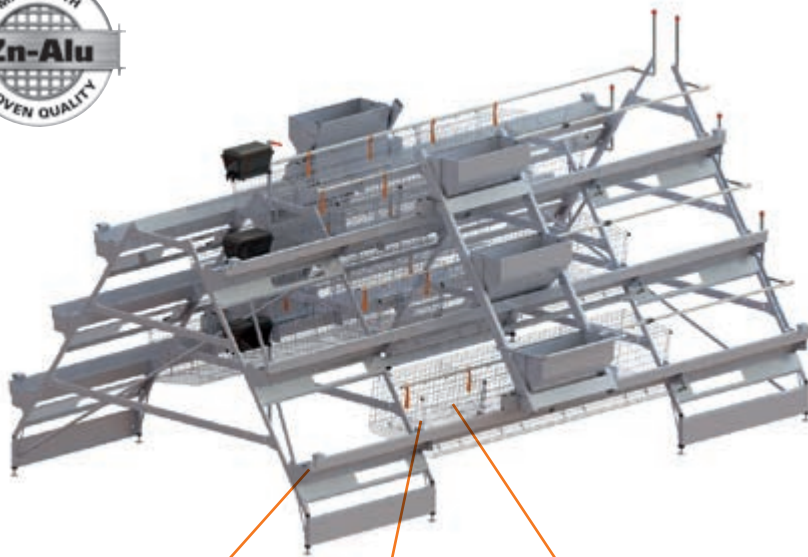


Breezy: automatic curtain control for ideal temperatures in naturally ventilated barns



SuperTripleDeck for tropical climates: the air can flow through the system without obstructions

SuperTripleDeck – clever design and high quality



Basic version (manual)

The basic version does not require an electrical connection. A hand-pulled feed cart is used, ensuring even feed distribution and also making daily feeding much easier. With short system rows, only one end set is required, serving as a parking position for the feed cart. Longer system rows need two end sets. Nipple drinkers supply the birds with water (two nipples per cage). Egg collection and manure removal are carried out manually.

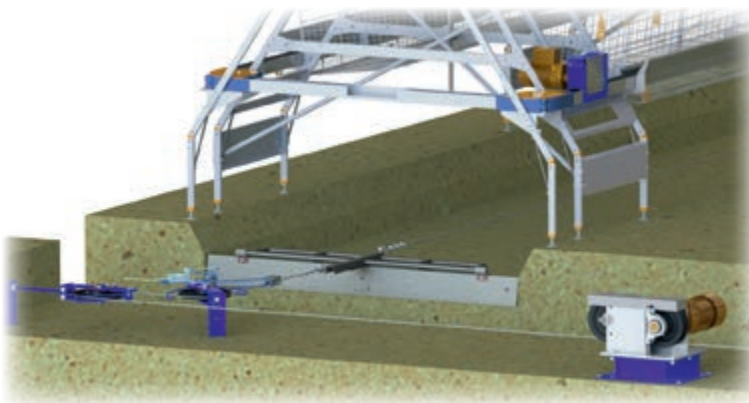
- 1 High quality because of special corrosion protection
- 2 Minimum feed losses thanks to a specially designed trough
- 3 Step-access trough
- 4 Low number of cracked eggs due to flexible bottom wire suspension
- 5 Easy moving in and out of birds: the entire front opens



TD 319 with automatic feed chain



TD 319 with automatic feed chain and automatic egg collection



Automatic versions

1st expansion stage:

Feed is provided by our automatic feed chain, which requires an electrical connection. The Big Dutchman chain feeding system with the CHAMPION feed chain was developed in 1938 and has proved itself a million times over since then thanks to its robust and simple design. It needs very little space in the end set area and is easy to maintain. The chain has a long service life.

2nd expansion stage:

An egg belt is placed in the egg channel, automatically transporting the eggs towards an elevator with gathering table. From the table, farm workers can easily collect and pack the eggs.

3rd expansion stage:

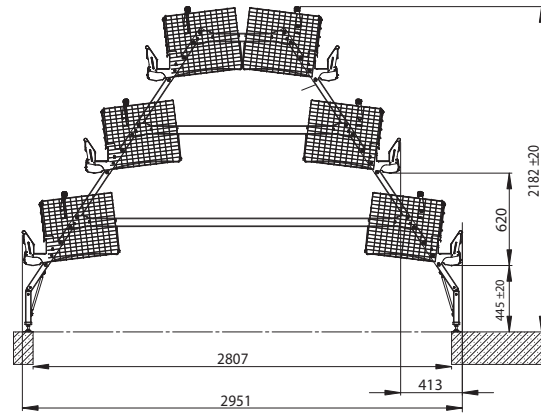
In addition to feeding and egg collection, manure removal is now also automated. A manure scraper removes the manure regularly and reliably from below the system with minimum effort, additionally providing good protection against flies. Dimensions of the manure pit: width 2.80 m, depth 35 cm.

Advantages of SuperTripleDeck

- ✓ **tropicalised** thanks to a high-quality zinc aluminium coating of the entire system: three to four times better corrosion protection than galvanized wire;
- ✓ **open design**: no barriers between the tiers so air can circulate without obstructions;
- ✓ entire cage front is easily opened thanks to a sliding grid: moving birds in and out is easy;
- ✓ deep trough with inward rim: minimum feed losses;
- ✓ step-access feed trough: ideal for monitoring;
- ✓ bottom wire grille placed on wire brackets: very stable and at the same time highly flexible, ensuring good egg quality;
- ✓ height-adjustable feet for a perfect longitudinal alignment of the system.

Technical specifications of SuperTripleDeck TD 319

Type		TD 319
System width	mm	2,951
System height	mm	2,182
Section length	mm	2,438
Cage width	mm	610
Cage depth	mm	483
Cage surface area	cm ²	2,941
Hens/cage		6/7
Hens/section		144/168
Cage area/hen	cm ²	490/420



Sample calculation: number of birds per house depending on house length

Type	SuperTripleDeck	
	Example 1	Example 2
Size of the house:		
- House length (m)	40	76
- House width (m)	9	9
- Surface area (m ²)	360	684
Installation of the cage system:		
- Number of rows	2	2
- Number of tiers	3	3
- Number of sections	15	30
- System length (m)	36.6	73.1
- Number of cage compartments	720	1440
- Number of birds per cage	7	7
- Number of birds per house	5,040	10,080



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