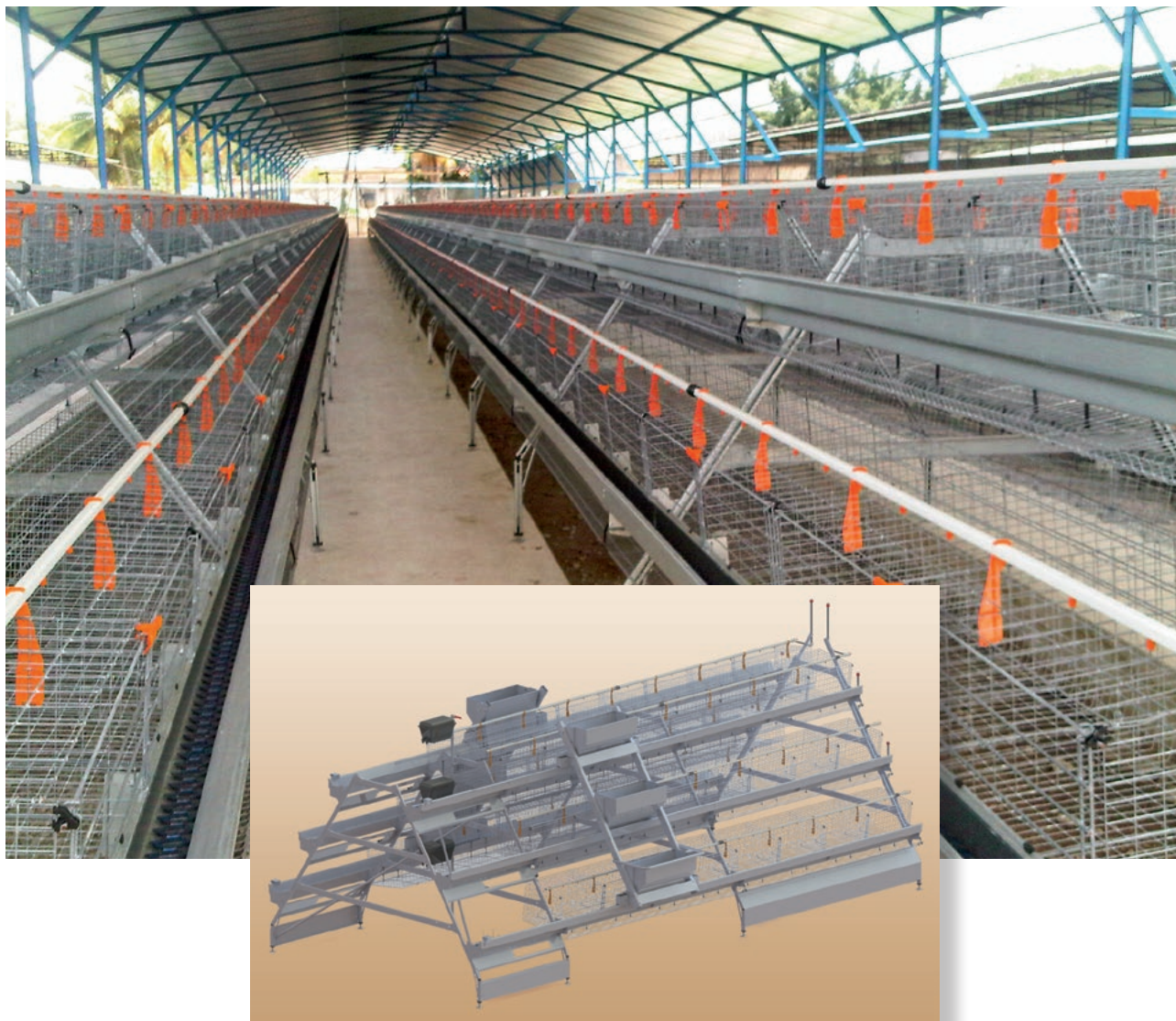




Big Dutchman®



SuperDoubleDeck & SuperTripleDeck

The expandable management systems for laying hens
– ideally suited for tropical climates –

SDD 220 & TD 319 – your first Big Dutchman!

SuperDoubleDeck and **SuperTripleDeck** are laying batteries with two / three tiers, developed by Big Dutchman and characterised by a long service life, high functionality and perfect conditions for humans and birds. During their development, we focused on

the systems' suitability for tropical climates and optimum use of natural ventilation. Depending on the customer's requests and to allow for an easy start-up of modern egg production, Big Dutchman offers these systems in different versions

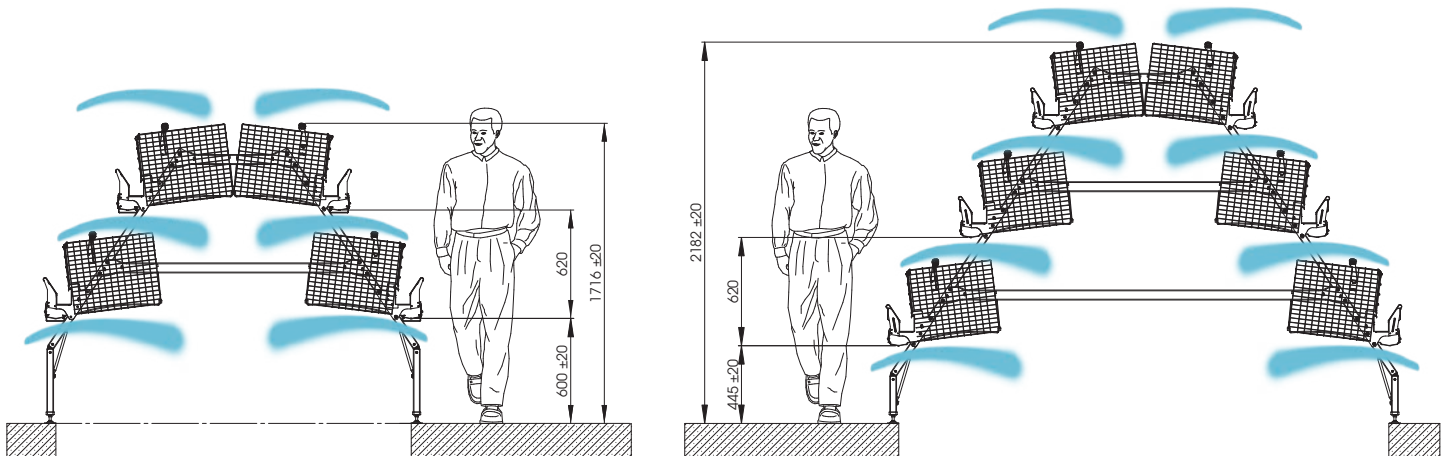
and expansion stages.

- ✓ manual
- ✓ semi-automatic
- ✓ automatic

Furthermore, it is easily possible to up-grade or expand the system at a later point.

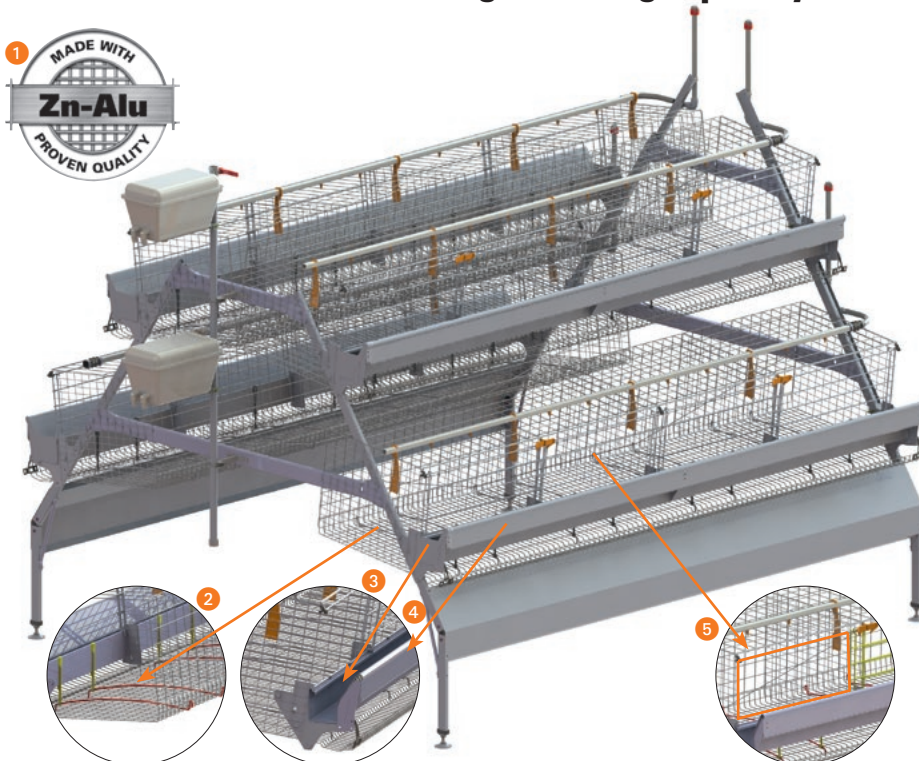
Advantages

- ✓ **tropicalised** thanks to a high-quality zinc aluminium coating of the whole system → corrosion resistance 3 to 4 times better than galvanized wire;
- ✓ **open design** of the system → lack of barriers between the tiers ensures that air can circulate without obstructions;
- ✓ entire cage front can be opened simply by means of a sliding grid → easy to move birds in and out;
- ✓ deep trough with inward rim → minimum feed losses;
- ✓ step-access feed trough → ideal for monitoring purposes;
- ✓ bottom wire grille is placed on wire brackets → very stable and simultaneously highly flexible, ensuring a good egg quality;
- ✓ height-adjustable feet → optimum longitudinal alignment of the system.



SuperDoubleDeck and SuperTripleDeck for tropical climates – the air can flow through the system without obstructions

Basic version – clever design and high quality



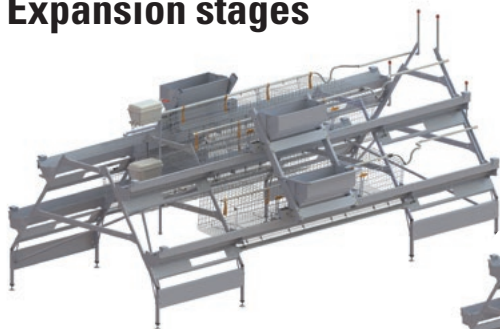
Basic version

The basic version does not require an electrical connection. Feeding, egg collection and manure removal are carried out manually. The system height of 1.72 m is optimally adapted to this version. Daily egg collection and feeding as well as inspection of the hens are easily completed tasks.

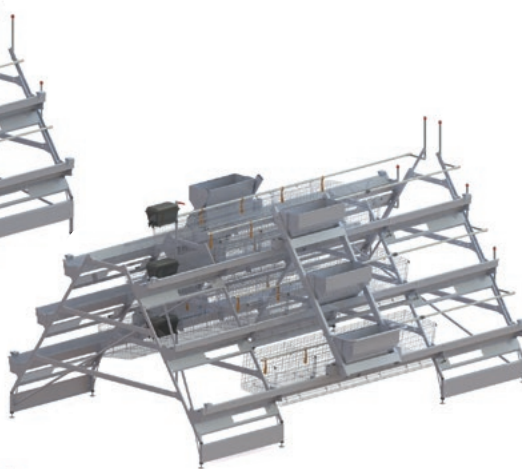
Nipple drinkers supply the birds with water (two drinking nipples per cage).

- 1 high quality thanks to special corrosion protection
- 2 low number of cracked eggs thanks to flexible bottom wire suspension
- 3 minimum feed losses thanks to specially designed trough
- 4 step-access trough
- 5 simple to move birds in and out thanks to the completely opening sliding front

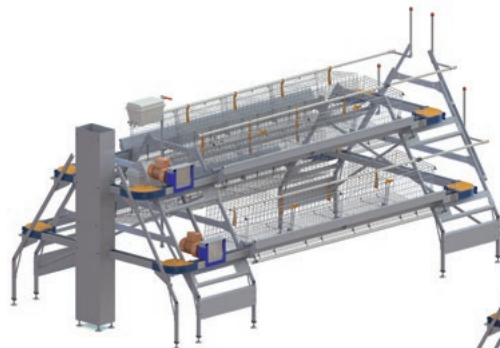
Expansion stages



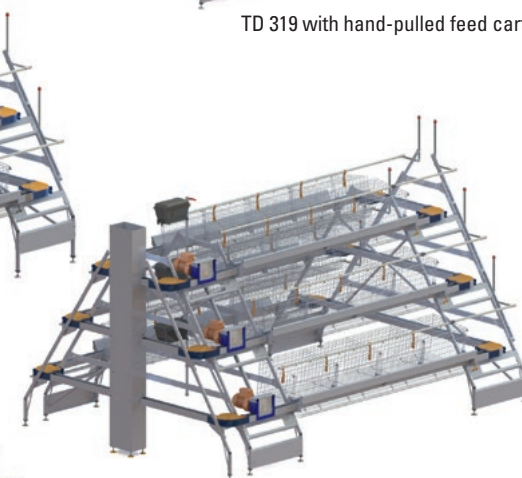
SDD 220 with hand-pulled feed cart



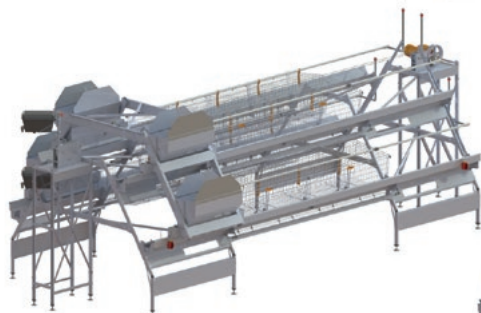
TD 319 with hand-pulled feed cart



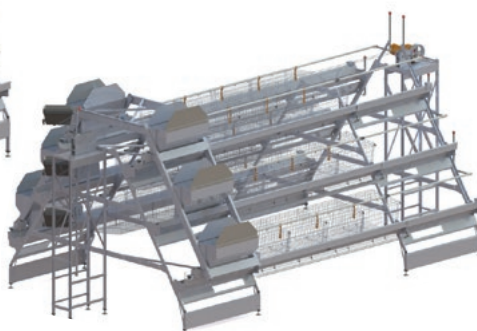
SDD 220 with automatic feed chain



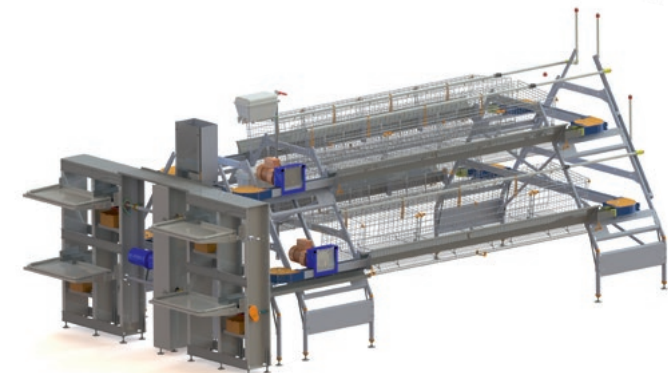
TD 319 with automatic feed chain



SDD 220 with automatic feed cart



TD 319 with automatic feed cart



SDD 220 with automatic feed chain and automatic egg collection

3. 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.

Manure pit dimensions SDD 220: 2.00 m wide and 35 cm deep
TD 319: 2.80 m wide and 35 cm deep

Semi-automatic version

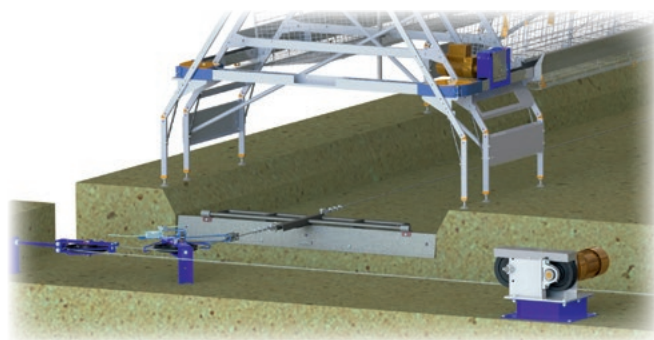
A hand-pulled feed cart is used, ensuring an even feed distribution and also facilitating daily feeding significantly. End sets are required at the beginning and the end of each cage row for this. If the rows are relatively short, only one end set is needed.

Egg collection and manure removal are carried out manually.

Automatic version

1. expansion stage: The hens are fed by an automatic feed cart or by an automatic feed chain – at the customer's choice. The Big Dutchman chain feeding system with the CHAMPION feed chain has been developed in 1938 and has proved itself a million times over thanks to its robust and simple design. It only needs very little space in the end set area and is easy to maintain. The chain has a long service life.

2. expansion stage: An egg belt is placed in the egg channel, automatically transporting the eggs towards the gathering table. The tables can be folded down, thus not interfering when not required.



Technical specifications SDD 220 and TD 319

Type	SDD	TD		SDD	TD
System width (mm)	2,175	2,951	Cage area (cm ²)	3,097	2,941
System height (mm)	1,716	2,182	Hens/cage	7	6/7
Section length (mm)	2,438	2,438	Hens/section	112	144/168
Cage width (mm)	610	610	Cage area/hen (cm ²)	442	490/420
Cage depth (mm)	508	483			

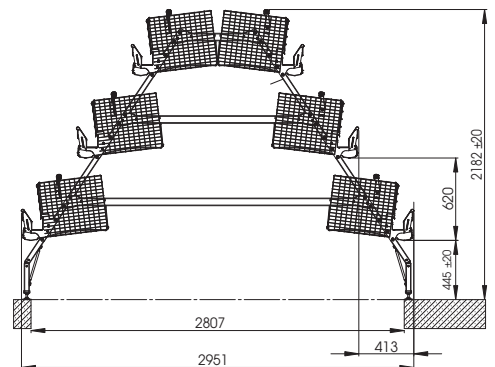
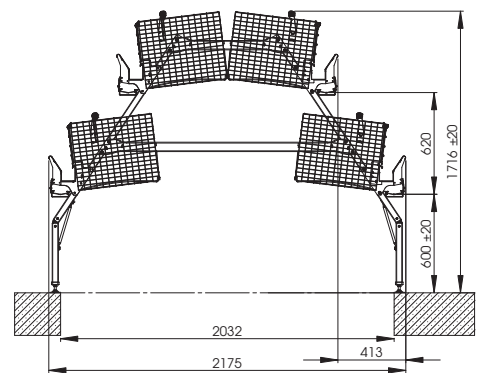
Type	SuperDoubleDeck		SuperTripleDeck	
	Example 1	Example 2	Example 1	Example 2

Size of the house:

- House length (m)	38	59	40	76
- House width (m)	8	8	9	9
- Surface (m ²)	304	472	360	684

Installation of the cage system:

- Number of rows	2	2	2	2
- Number of tiers	2	2	3	3
- Number of sections	14	23	15	30
- Length of system (m)	34.1	56	36.6	73.1
- Number of cage compartments	448	736	720	1440
- Number of birds/cage	7	7	7	7
- Number of birds/house	3,136	5,152	5,040	10,080



SDD 220

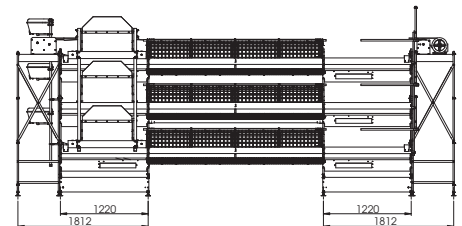
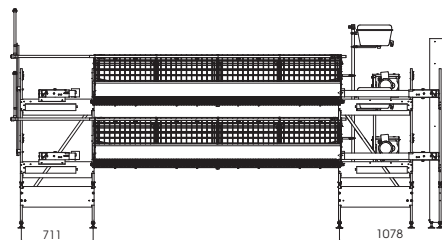
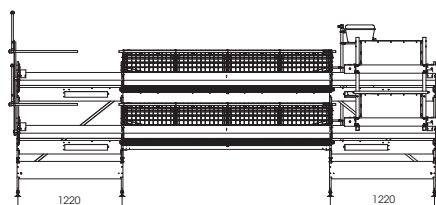
with hand-pulled feed cart

with automatic feed chain

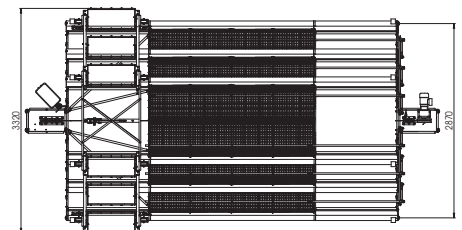
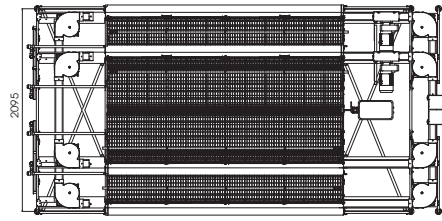
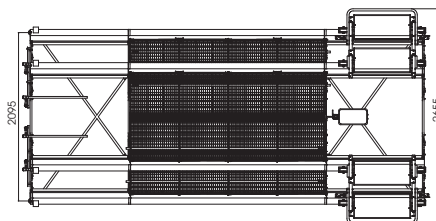
TD 319

with automatic feed cart

Side view:



Top view:



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