The Comfort 2.0 aviary system is an open, multi-tier system making optimal use of the space in a new or existing house. Perches, feed, and water are situated at different levels in the system to stimulate the natural behavior of the birds. The system gives a good overview and the birds are easy to manage. The Comfort 2.0 aviary system meets the needs and capacities of the modern laying hen.

Advantages

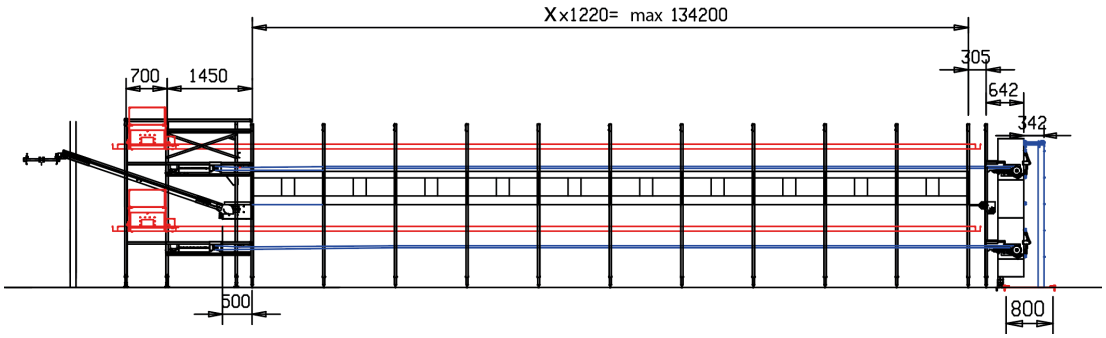
- The system provides an excellent combination of optimum welfare for the birds, a hygienic environment and good working conditions for the farmer.
- Applicable for free range and organic housing.
- The natural behaviour of the birds is stimulated. Feed chains are installed on different tiers. Water lines are always in front of the nests. There are perches on top of the system.
- Standard equipped with LayMaxx nest.
- An egg tray along the slats. This is for the collection of first class system eggs.
- The system is designed to create more living space in the house, making it possible to house more hens.
- The system has a long life span.
- Standard equipped with TwinWorld® plastic slat (no recycled material).
- Support legs are made of stainless steel.
- Strong and proper drive unit for the manure belts.
- Red-mite unfriendly design due to open structure of the system.
- The manure belt is equipped with a self cleaning return roll.

Options

- Wire mesh closure for the open space between the floor and the first manure belt. Can be controlled centrally (manually or automatically).
- Stairs and approach platforms and -tubes along the system.
- Wire mesh slats instead of TwinWorld® slats.
- Additional feeding line on top of system, between the perches
- Chain feeding system or spiral feeding system possible
- LED lighting underneath the system.
- Dust curtains around the manure drive unit.
- Partition walls in the system, open or closed. Both partition walls across and lengthwise are possible.
- Oval perches
- Intermediate floor for houses with 2 levels.
- Also possible with Premium+ and XL nest.
- Lowered top
- Different heights of free space under the system which result in different systeem heights.
- An integrated air tube. The dirt and manure do not stay on the air tube because the birds keep them clean.
- A bufferbelt that makes it possible to collect eggs once every two days.

	Aviary system with 2 manure belts				Aviary system with 3 manure belts			
	2080 mm	2440 mm (standard)	2440 mm (Inside)	2440 mm (1/2 Inside)	2080 mm	2440 mm (standard)	2440 mm (Inside)	2440 mm (1/2 Inside)
Width 1st belt	1190 mm	2360 mm	2360 mm	2360 mm	1190 mm	2360 mm	2360 mm	2360 mm
Width 2nd belt	1990 mm	2360 mm	1710 mm	1990 mm	1990 mm	2360 mm	2360 mm	2360 mm
Width 3rd belt	-	-	-	-	1990 mm	2360 mm	1710 mm	1990 mm

		2 manure belts	3 manure belts
No open space (distance between floor and manure belt = 200 mm)		H = 2400	H = 3100
Open space under system	550 mm	H = 2750	H = 3450
	650 mm	H = 2850	H = 3550
	750 mm	H = 2950	-
	850 mm	H = 3150	-



Technical data

Measurements		
Length per segment	1220 mm	
Max. width	2440 mm	
Max. width with 2 approach platforms / tubes	3450 mm	
Max. length system	135 m	
Manure belts		
Thickness manure belt when system length =	Smaller or equal to 90 m	1.1 mm
	91 up to and incl. 111 m	1.2 mm
	More than 111 m	1.5 mm
Standard manure belt motor	2.9 m / min	0.75 kW
Manure belt motor in case of system length of 110 - 135 m	2.5 m / min	1.1 kW
Max. load manure belts	7.5 kg/m²	
Unloading of manure belts	Every 3 days or more when required because of manure thickness and system length	
Miscellaneous		
Feed trough w x h	85 x 64 mm	
Capacity of feed hopper	38 - 152 L	
Motor of feeder chain at:	12 m / min	0.75 kW
	18 m / min	1.10 kW
	36 m / min	2.20 kW
Power supply	3 phase, 400 / 230 V, 50 Hz or other local voltage	