



AVIARY SYSTEMS COMBO2



HARMONY AVIARY SYSTEMS



The Harmony aviary system has been developed by LANDMECO on the basis of many years' experience in manufacturing equipment for egg producers.

The system is suitable for all types of egg production. As LANDMECO develops and manufactures Harmony itself, the system can be easily adapted for existing houses with customised solutions that meet the wishes and requirements of individual producers. Everything is designed using 3D drawing software, allowing customers to visualise our proposed solutions!

Common to all our solutions is that they are designed as staggered tiers, ensuring optimum utilisation of floor space. The Harmony system meets German KAT requirements as well as EU requirements.

Unobstructed view

The design also favours the producer as the staggered arrangement provides an unobstructed view of all tiers and the nest simultaneously.

The system also ensures easy access to individual tiers and the slatted area in front of the nest is strong enough to be used as a catwalk.



Harmony Combo2 is designed as a two-tier system with manure belts and centrally positioned nest. The design ensures that the hens have easy access to the nest. The staggered tiers ensure optimum freedom of movement.

Freedom of movement



Egg quality

The LANDMECO nesting system with staggered tiers has been in production since 1980. Experience has shown that the design ensures gentle egg handling, resulting in very few cracked or dirty eggs.

As the egg belt is positioned beneath the nest, eggs roll easily and slowly away and need only cover a short distance (approx. 25 cm) before reaching the belt.

And if a Rolls Royce solution is required, the system can also be equipped with motor-driven brushes on the egg belt and egg savers on each tier.

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Guards

Harmony Combo2 is available with motorised, hinged guards beneath the system.

As this option is not provided as standard, we leave it up to individual customers to decide whether they wish this additional safeguard for preventing birds from spending the night beneath the system!

THE MATERIALS USED BY LANDMECO ARE OF SUPERIOR QUALITY

Lighting

LANDMECO offers various types of lighting for the systems. For example conventional 230 V sockets for low-energy bulbs, 24 V LED light hoses and 24 V LED light tubes with built-in reflector. Dimmers are available for all light sources.

Please request a brochure for further details.

Manure belts

Each belt has its own drive unit and can therefore be run individually.

The drive unit contains heavy-duty, rubber-coated pressure rollers, which ensure optimum contact with the drive roller. The unit is also equipped with a weighted roller, which partially compensates for temperature dependent belt elongation.

In the event of extreme temperature fluctuations, a tensioning device on the return end can also be used. Belt tensioning can thus be accomplished in seconds.



System area

Harmony Combo2 has an area of 4.365 m² per running metre.

Nest area

The nest has an area of 1.1 m² per running metre.

Perches

Harmony Combo2 is available with integrated perches of approved hardwood and/or round perches of galvanised Ø30 mm piping.

Max. length of wood perch per running metre: 11 metres

Max. length of steel perch per running metre: 19 metres

Max. length of wood/steel perch per running metre: 26 metres

Cleaning

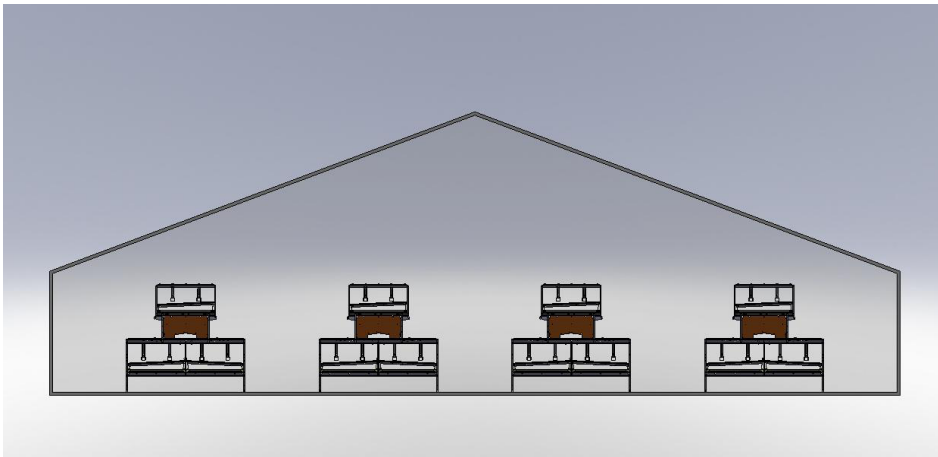
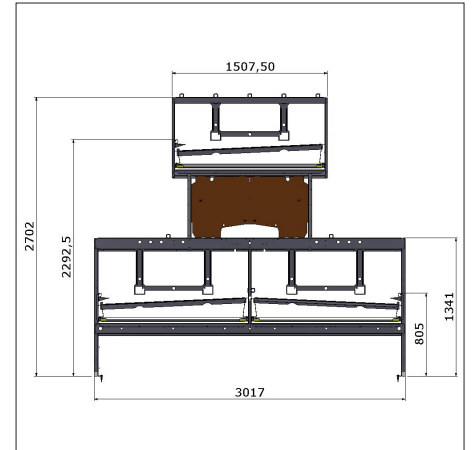
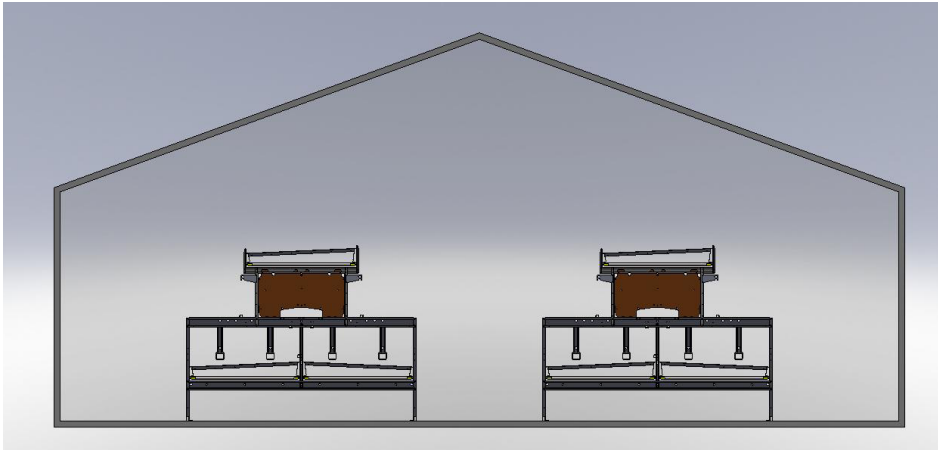
Harmony Combo2 is designed to allow easy and thorough cleaning. Great importance is therefore attached to the use of open profiles with as few joints as possible. The system need not be dismantled for cleaning.

Superior quality

The materials used by LANDMECO are of superior quality when compared to those of our competitors. Only materials from acknowledged suppliers are used, thus providing Harmony with exceptional durability and service life. Harmony systems are always supplied with adjustable, stainless legs.

TECHNICAL SPECIFICATIONS

Examples of various aviary system layouts:



See also LANDMECO brochures on, for example:
(LANDMECO retains the right to alter specifications without notice)



CHAIN FEEDING



DRINKING SYSTEMS



ROLL-AWAY NEST



AVIARY SYSTEMS - STANDARD

AGENT

farmtec®

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