



**LIBERA
CASA**



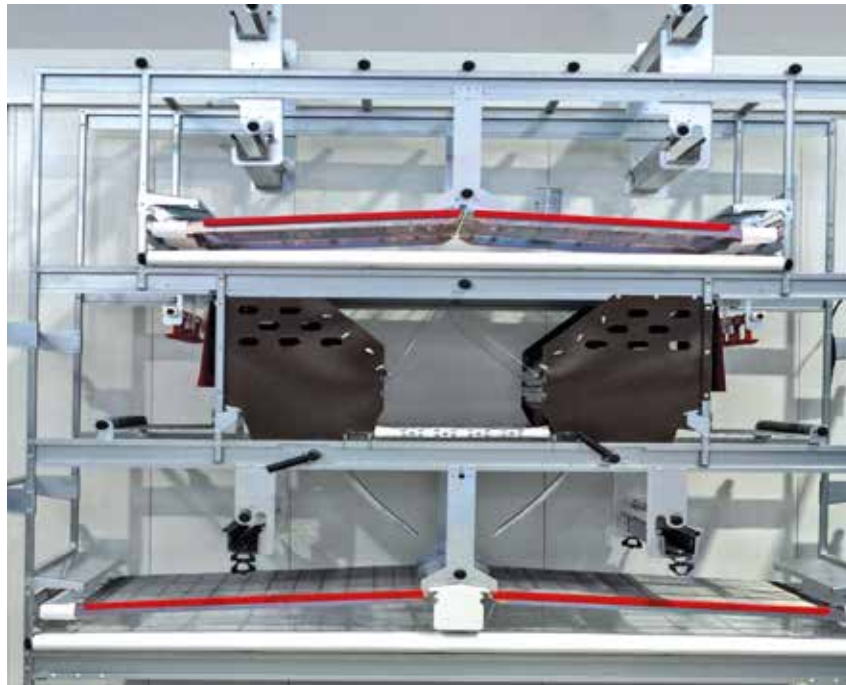
FACCO
POULTRY EQUIPMENT

The **LIBERA CASA** cage free **system** has been designed as the evolution of Facco “Libera Layers” aviary solution, focusing on constant improvements of the farm operators work through the use of practical and comfortable space. The system can be also customized with various accessories.

The system is built on **three tiers**, with a pyramid structure which facilitates inspections and more important stimulates the hens to jump tier to tier. This structural innovation **maximizes the liveable area increasing at the same time the available surfaces**, and therefore improves the animal's well-being, without compromising the accessibility features. The high-quality eggs are produced in compliance with currently effective laws, matching the increasing consumer demand for high quality cage free eggs. Libera Casa guarantees excellent performances in terms of eggs production and management costs.

- **Accessibility**
- **Flexibility**
- **Maximization of available space**

Facco is by your side from the creation phase to managing the production plant.

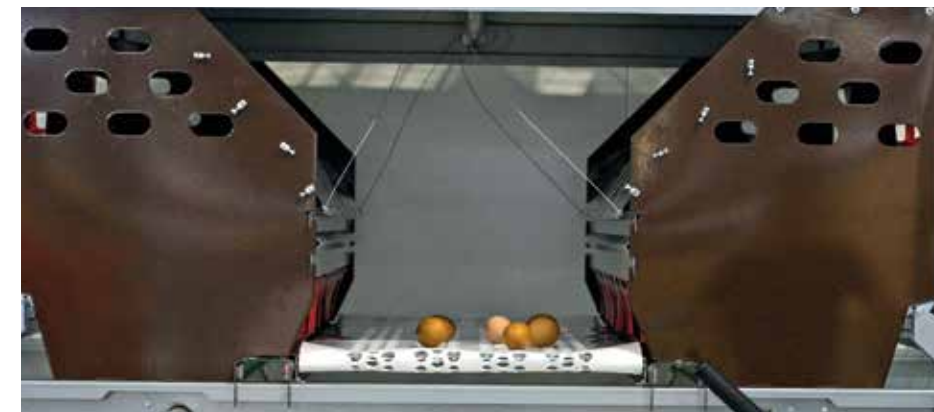


NESTS

The laying nests, delimited by the sides and by the plastic curtains, are **quiet and comfortable keeping the hens** separated from the other areas. These are located exclusively on the second tier, so that the laying hens can lay their eggs in total **comfort and ease**. The gentle slope of the floor allows a smooth rolling down of the eggs to the collecting belt preventing from sagging or breakage.

The nest floor is a soft AstroTurf mat, with a conformation that impedes the accumulation of dust, feathers or manure, while offering a **natural sensation** for the hen's feet and favouring the air circulation. Thanks to its feature the floor remains a **clean and perfect place** for the laying of eggs.

The special design of the nests minimizes the risk of breakage or floor eggs, and ensures zero overcrowding stress. The expulsion system, that can be set up from the operator, raises the mat gently, leading the hens to exit the nest and facilitating the cleaning operations.



PERCHES

The perches are designed for a firm grab of the hens to facilitate the jump and flight within the system structure to easily reach every tier. The special 45° inclination eases movements from tier to tier and across the various perching areas, encouraging mobility so the productivity. A solid and stable structure with a smooth and even surface allows for optimal cleaning.



FEEDING SYSTEM

The **flat chain** feeding system, introduced by Facco during the 1970s, is ideal for feed distribution in the commercial layer and broiler houses. It is **safe** and **reliable** and its adjustable speed can be adapted to all types of production plants, guaranteeing high and adequate distribution of the feed.

The high **flexibility** of this system can meet any variety of needs. The hoppers can vary in capacity, thus feeding multiple circuits simultaneously.



DRINKING SYSTEM

The FACCO nipples are functional and precise, they guarantee waste-free high water supply and are ideal for all types of birds. Furthermore, our wide range of products allows for customization of the number of nipples according to the bird population. These are located exclusively on the nest tier, in observance of the daily cycle of the hens during the laying of eggs. This also greatly reduces the floor eggs.



Our drinking system lines are equipped of:

pressure regulators, a discharge unit with integrated cleaning system, filters, medication dosing systems and litre-counters.

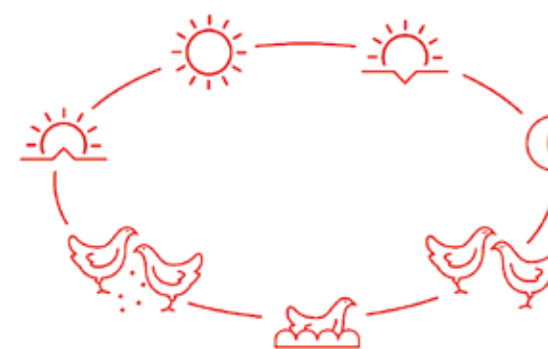


LIGHTING SYSTEM

Lighting is a key element in farming plants, given that it determines the correct **physiological balance** and regulates the movement of animals within the structure.

The use of LED lamps ensures **optimal regulation** of luminous intensity in addition to excellent **energy savings**.

The system, which can be programmed automatically, reproduces the typical day of the hens, setting a **correct routine** in their life cycle.



EGG COLLECTION

The slope floor allows the eggs to gently slide down towards the collection belt, which is made of perforated propylene, a material that helps make cleaning operations easier. Speed can be adjusted according to the quantity of eggs, facilitating collection by the operator. Libera STEP foresees a slope floor also on 1st and 3rd tiers, so as to avoid the loss of any eggs that have not been laid in the nests.

The Facco NIAGARA – The original – egg collection system seamlessly combines **collection speed, durability, reliability, low consumption levels, low and simple maintenance** and above all a **delicate processing of the eggs**, an essential feature for minimizing micro-fractures. The eggs reach their destination in stable conditions and quickly **minimising breakage issues**. Each movement has been designed with attention and expertise, translating into one of the most-imitated designs in this sector.

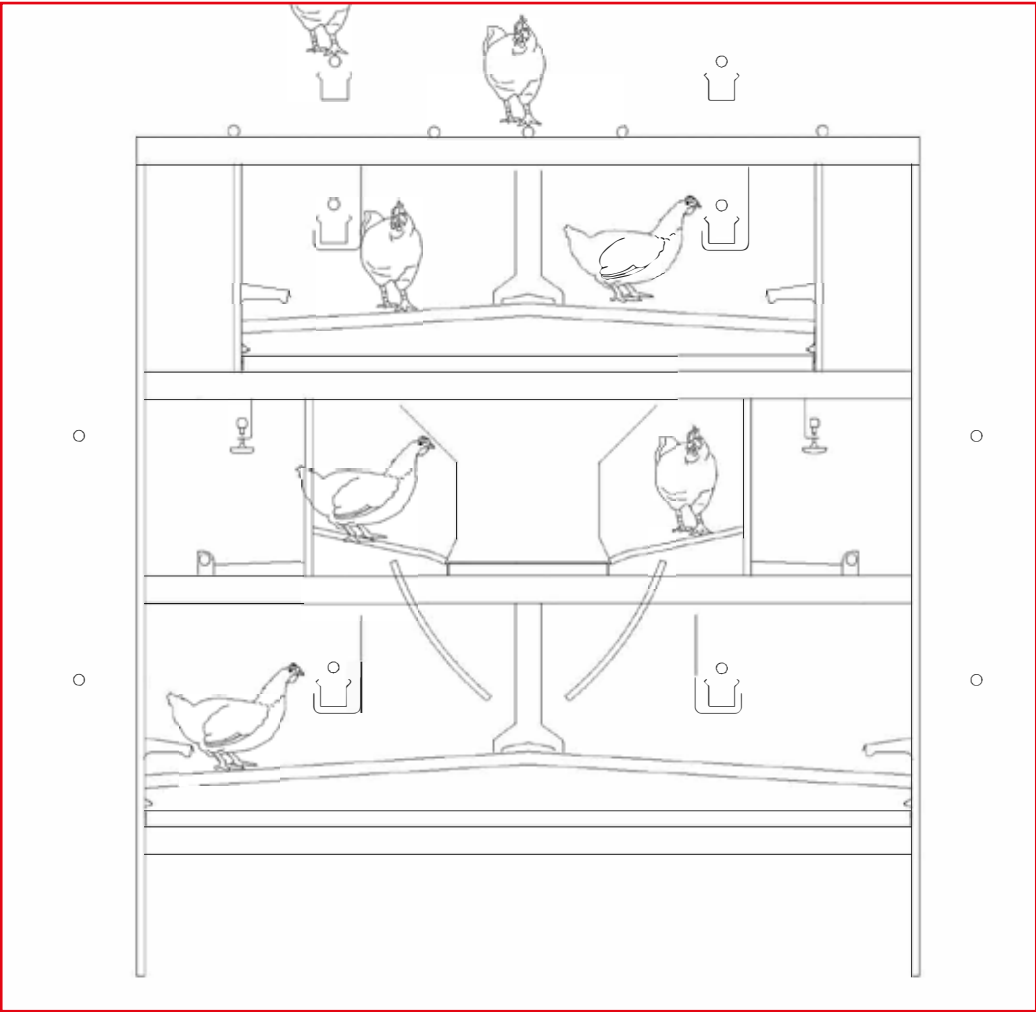


TECHNICAL FEATURES LIBERA CASA

LIBERA CASA		
NUMBER OF HENS	~ 38.5 / m	~ 12 / ft
FEED TROUGH	800 cm / m	96 in / ft
PERCH	1200 cm / m	144 in / ft

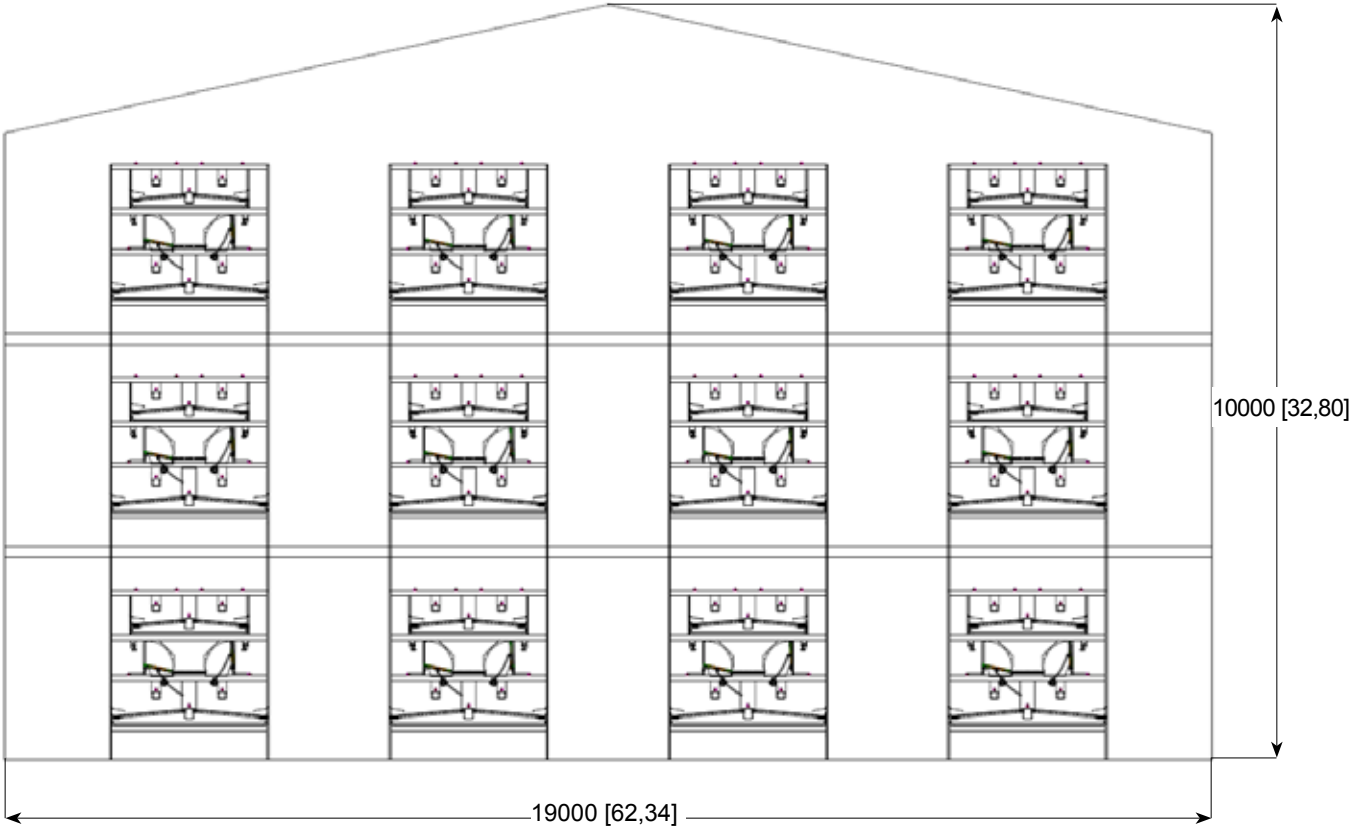
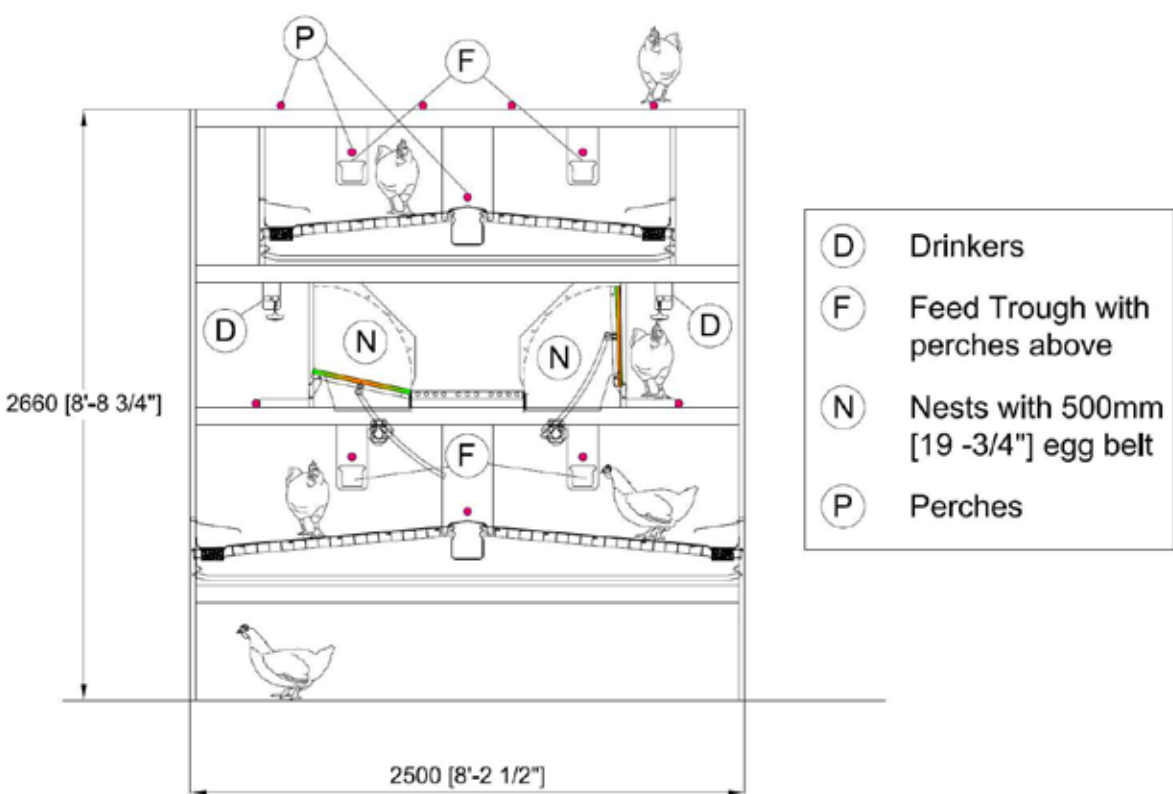
In a 3.66 meters long row we will have:

LIBERA CASA		
NUMBER OF HENS	140	140
FEED TROUGH	2928 cm = 292 hens	1153 in = 292 hens
PERCH	4392 cm = 292 hens	1729 in = 292 hens



Note: The square meters available for each hen in this layout concern just the space of the basic module. Instead, it is necessary to consider that in this basic module there are no accessories to increase the scratch area. Furthermore the litter area depends on the surface of the of the shed's floor that therefore depends on the shed's dimensions. Indeed it is possible to customize the modules in order to comply with every request based on the dimensions of the shed.

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