

For more than 50 years, Farmer Automatic has supplied innovative products for poultry husbandry based on leading-edge technology. Our husbandry systems for layers, pullets, and broilers combine reliability with intelligent design. The Loggia 3 Plus design combines easy of use and maximum capacity to get more production out of your existing remodel or new construction project.

✓ **High Production Depth**

✓ **High Innovation Power**

✓ **Unique Features**

- Farmer Automatic Feed Chain
- Plastic Coated Floor Grates
- System Specific Egg Elevators
- Manure Belt Rollers



Layers

# Loggia 3 Plus

Advanced Housing System / Aviary for Layers

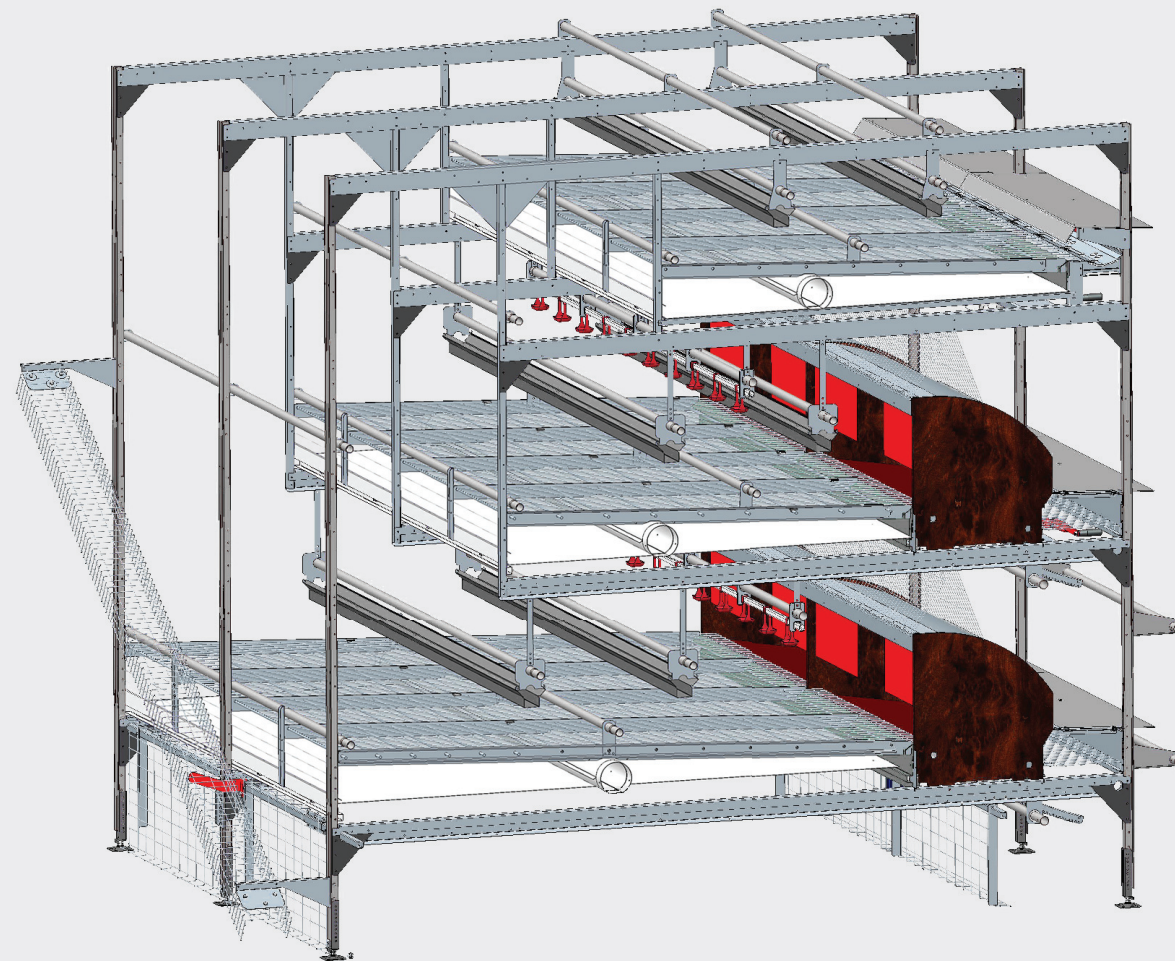
3 PLUS  
ADVANCED AVIARY HOUSING SYSTEM  
FOR LAYERS

[www.farmerautomatic.de](http://www.farmerautomatic.de)

- ✓ System lighting\*
- ✓ Feed chain
- ✓ Manure belt rollers
- ✓ ZINAL5® floor grates

- ✓ Hot-dip galvanized components
- ✓ Self-rotating dust auger in the manure belt
- ✓ PA protective-coated floor grates\*

The Farmer Automatic Loggia 3 Plus system is the easy to use and clearly arranged aviary housing system for layers. With its walkable inspection aisle, intelligent design features and optimized arrangement of all supply units, the Loggia 3 Plus supports fast, convenient management of the system and livestock.



#### Inspection Aisle

The inspection aisle in the center of the system features a reinforced, walkable bottom grate, which allows easy monitoring and saves considerable time, as all tiers can be quickly accessed. In addition, the inspection aisle permits livestock to be easily and gently removed once the laying period is completed.

#### Feed – Water – Nests as Single Unit

The middle and lower tiers are equipped with feed lines, water lines, and nests, while the upper tier is equipped with perches. This arrangement results in optimum care. The birds have easy access to all supply units on each tier. In addition, short routes and good nest accessibility minimize the number of system and floor-laid eggs, which increases the number of marketable eggs. Arranging the nests in the top and bottom tiers further ensures that animals are evenly distributed around the entire system.

#### System-egg Belt\*

The optional system-egg belt in the upper tier provides the best possibility to gather system-eggs separately from the eggs inside the nest. Eggs laid outside the nest on the system floor and displaced eggs are forced by the slight slope of the floor to roll onto the system-egg belt and can be gathered from there automatically.

#### Ease of Access

Excellent accessibility, especially to the nests and egg belts, allows for simple and quick monitoring of the livestock and the entire system. This helps to optimize operating costs and results.

#### Large System Height

The large system height and special tier arrangement allow for easy and quick monitoring of all tiers in the system. It also enables the installation of a second floor on top of the system, which means that you can double the live stock count while still complying with national legal provisions. This helps reduce staff costs and capital outlay.

#### Tilting-floor Nests

The tilting-floor nests provide visibility for easy monitoring. The tilting floors close the nests at night, avoiding soiling and keeping the eggs clean. The angled floors in the nests allow the eggs to roll directly onto the egg belt, where they are protected against soiling and picking. This increases the number of marketable eggs.

#### System Lighting\*

To improve laying performance and egg quality, the system can be equipped with lighting. The use of energy-efficient LED technology reduces energy costs. The illumination can be individually designed.

#### Feed Chain

The unique Farmer Automatic feed chain, made of low-wear, durable steel, is gentle on the feed trough and guarantees a fast and uniform feed mix and distribution. The livestock thus has uniform access to fresh feed at all times.

#### Manure Belt Rollers

Farmer Automatic's unique roller-guided manure belt system also supports low-wear operation in longer systems. Low rolling resistance means that less drive power is needed, which increases the service life of the manure belt.

#### ZINAL5® Floor Grates

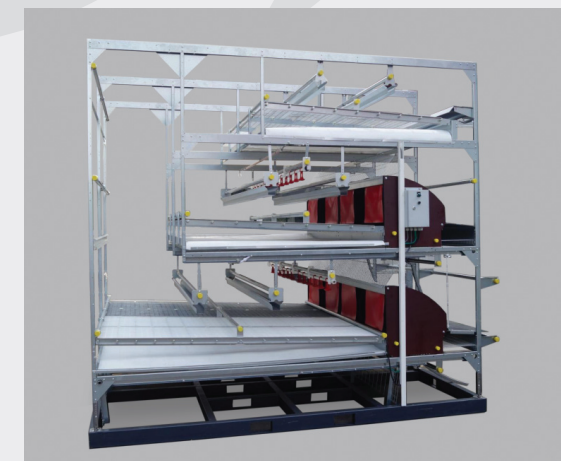
The premium-quality ZINAL5® standard coating on Farmer Automatic floor grates is comprised of 95% zinc and 5% aluminum. ZINAL5® offers triple corrosion protection on all floor components, including welded joints. This improves the longevity of the grate and increases the livestock's well-being by providing a more comfortable walking environment and reducing callus formation.

#### Swing Elevator

The Farmer Automatic Swing Elevator was developed for automated collection of eggs from wide or parallel egg belts. It transports large quantities of eggs gently and quickly to an egg conveyor, which then handles forward transport.

#### Reinforced Floor Grates\*

The reinforced and walkable floor grates\* on the top level support fast and gentle livestock removal at the end of the laying period. This ensures significant time savings and reduces the risk of injury to the livestock.



\* optional equipment