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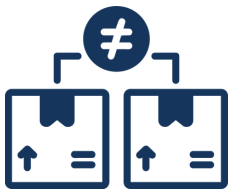
**WHAT YOU MUST KNOW
BEFORE YOU BUY**



Giordano's EggsCargoSystem® (ECS) has been the global benchmark in egg transport for more than 25 years.

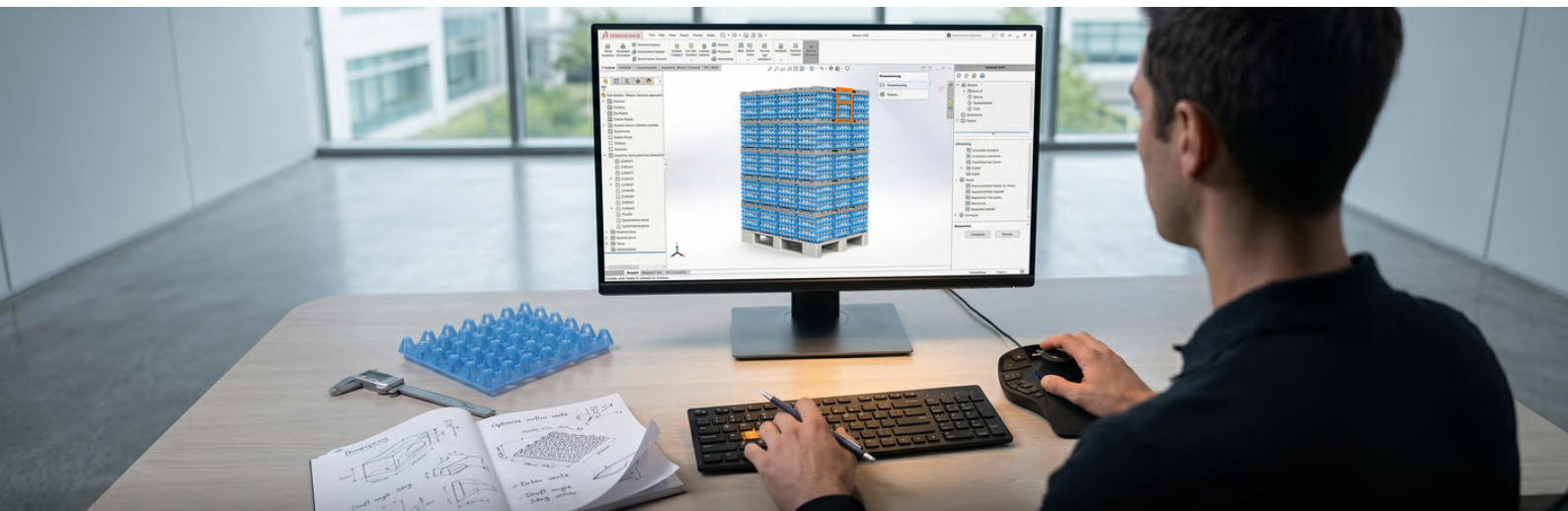
Designed with one purpose - **maximum egg protection** - ECS minimizes crack rates and ensures eggs reach processing and hatching facilities in optimal condition.

It's no surprise that **all leading manufacturers of egg grading, processing, and hatching equipment recommend ECS**. Not only because of its proven low crack rate, but because ECS consistently delivers **minimal machine downtime** and is the **only system worldwide reliable enough for seamless robotic handling**.



Why Copies Are Never Equal

Many companies have attempted to imitate the EggsCargoSystem. They often claim their products are "identical." From a distance, they may look similar—but **the differences in design, materials, and precision are exactly what determine egg protection and crack reduction**. Below is what truly sets ECS apart.



Design Excellence

The design of ECS trays, dividers, and pallets is the result of Italian engineering combined with decades of field experience.

The trays - where egg protection matters most - have been continuously refined with both major and subtle improvements. These enhancements are **not** adopted by competitors, often because their molds cannot support such precision. The result: **inferior egg protection and higher crack rates**.



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WHAT YOU MUST KNOW

Precision Molds

Every ECS mold used worldwide is manufactured from **premium German steel**, chosen for its unmatched durability and accuracy. This ensures:

- **Perfect dimensional consistency** over many years
- **Reliable egg protection** due to precise geometry
- **No degradation** caused by cheaper steel alternatives used by competitors

German steel is more expensive—but for ECS, **quality always comes first**.



Thermal Regulation and Process Quality

Every injection molding machine is equipped with **thermal regulation units** designed to ensure precise and consistent temperature control. This system manages water flow, **ensuring uniform cooling**, which is essential for achieving **stable production cycles** and preventing aesthetic or structural defects in molded parts.

- **Operational Efficiency:** The plant utilizes a closed-loop system that eliminates water waste.
- **24/7 Monitoring:** The thermal regulation units can be controlled remotely, allowing for timely intervention at any time.
- **Reliability:** To ensure maximum performance, the system undergoes scheduled maintenance every 3 months.

Strategic Objective: **To ensure maximum dimensional stability and maintain high and consistent production standards over time.**



Superior Raw Materials

Giordano uses only the highest-grade **HDPE** and **HDPP** to guarantee a long service life - **over 10 years on average**, without compromising egg protection. We also use:

- **High-quality masterbatches** for long-lasting color stability
- **Special additives** that slow plastic aging caused by sunlight and washing

Cheaper materials fade, harden, deform, and ultimately **break more eggs**. ECS avoids all of this by using only the best.

Recycled Plastics: A Hidden Risk

In some parts of the world, regulations still allow egg trays to be produced from recycled plastics. Yet it is widely known that **toxic substances can migrate from recycled material into the egg**, which is why many countries have banned this practice for years. The reason some manufacturers continue to use recycled plastics is simple: **it is much cheaper** than the virgin HDPE and HDPP used in the **EggsCargoSystem**.

But lower cost comes with serious consequences - **for food safety, product durability, and egg protection**.



The Problem With Fillers

Some competitors go even further by adding cheap **fillers** to their plastic compounds. These fillers are nearly impossible to detect from the outside, but their impact is unmistakable:

- **Reduced lifespan** — fillers weaken the material, causing trays to age and fail much faster.
- **Accelerated cracking** — weakened plastic breaks more easily during handling, washing, and stacking.
- **Higher egg breakage** — deformation and brittleness directly increase the crack rate.

Fillers lower the cost price because every gram of filler replaces a gram of high-quality plastic. But the trade-off is clear: **cheaper materials always lead to more damage, more waste, and more broken eggs**.



Why Giordano Never Compromises

Giordano uses only **virgin HDPE and HDPP**, ensuring:

- **Maximum food safety**
- **Long-term durability**
- **Consistent performance in washing, stacking, and transport**
- **The lowest possible crack rate**

This is why the **EggsCargoSystem** remains the global standard: it protects the eggs, protects the product, and protects your bottom line.



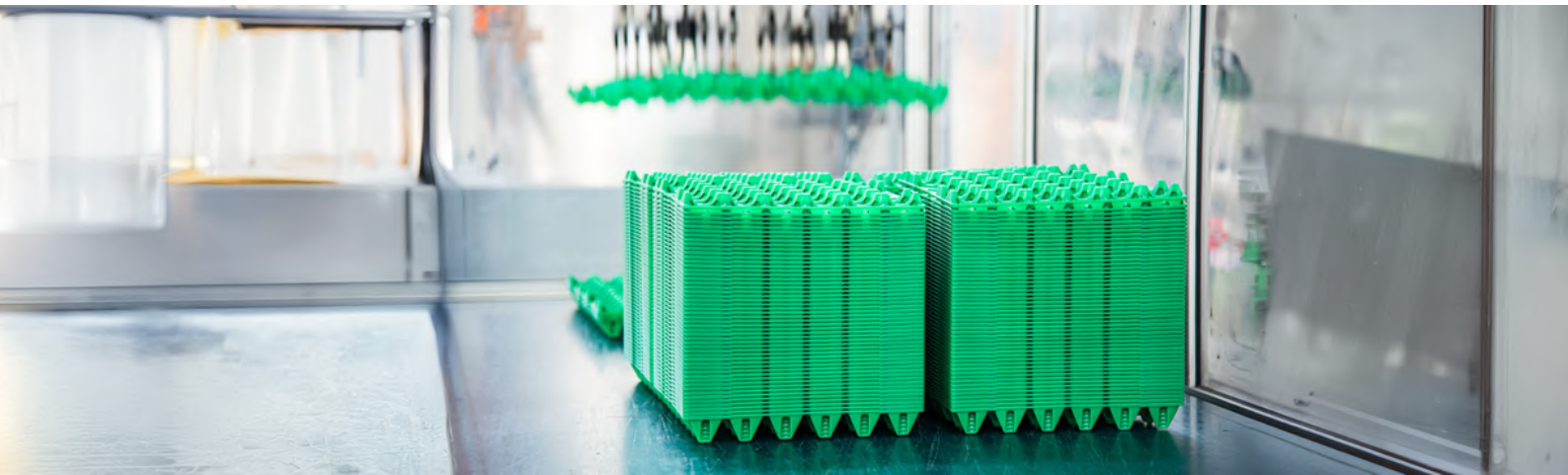
Unmatched Quality Control

Before any ECS component leaves Giordano's production facilities, it undergoes a **final, item-by-item inspection**. Every tray, divider, and pallet is checked for **weight accuracy, precise dimensions, color consistency, and perfect interlocking compatibility**.

To safeguard long-term consistency, Giordano also retains reference samples of every production batch. These samples allow us to:

- **Trace issues instantly** if a customer reports a problem
- **Verify 100% conformity** between past and future orders
- Guarantee **global uniformity** across all ECS systems

This rigorous process ensures that every EggsCargoSystem delivered worldwide meets the same uncompromising Giordano standard.

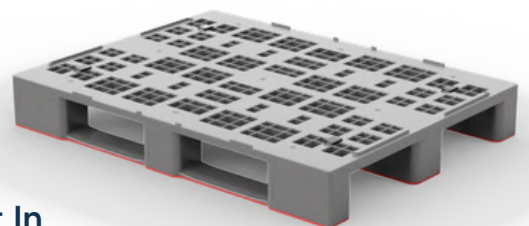
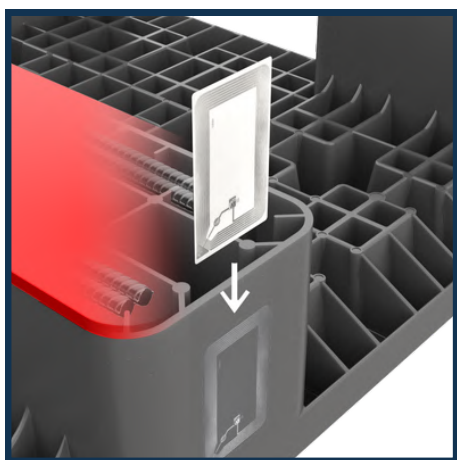


Market-Driven Innovation

Giordano stays closely connected to customers and leading manufacturers of egg-processing equipment to ensure the **EggsCargoSystem** always aligns with the latest market needs. Every improvement is developed **in direct collaboration** with users and equipment suppliers, guaranteeing upgrades that deliver real operational value.

No competitor claiming to offer a “system identical to ECS” matches this level of partnership. Giordano's continuous dialogue with the market—and especially with key technology providers—is what keeps ECS far ahead of systems that merely look similar but fail to perform.

This commitment to **customer collaboration** and **industry alignment** is a core reason ECS remains the trusted standard worldwide.



Smart Technology Built In

Giordano equips every pallet with an integrated **RFID chip - at no extra cost**. Positioned safely inside the pallet, the chip never comes into contact with water and enables reliable **digital tracking** and **traceability**. This technology streamlines administration, reduces manual errors, and gives customers full control over their **ECS logistics flow**. A simple innovation with a powerful impact.



High-Speed Tray Quality Control

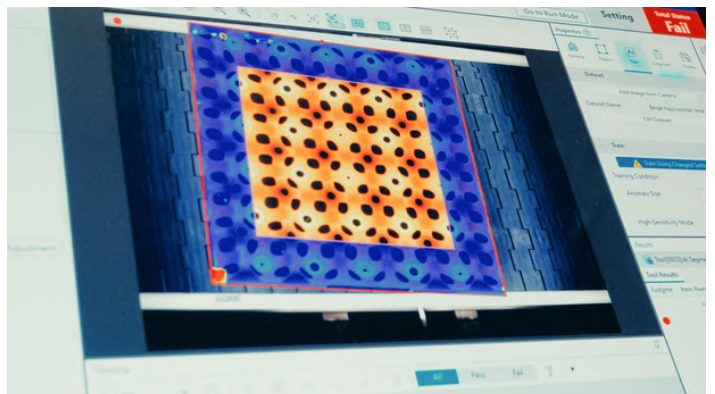
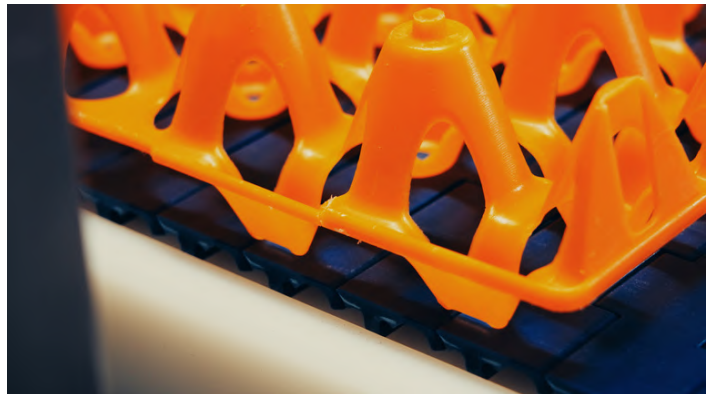
Giordano offers the **ECS Tray Inspector**, an advanced system where vision technology and AI work together to automatically remove defective trays from circulation. Even though ECS trays have an exceptionally long lifespan, wear is inevitable—and this machine ensures only top-quality trays remain in use.

With a throughput of **over 4,000 trays per hour**, the Tray Inspector delivers unmatched efficiency in maintaining a reliable, high-quality tray pool. It's a powerful tool for producers who want consistent performance and minimal egg loss.

Vision-based inspection

AI-driven defect detection

High-volume processing



Correct Compare

Should you be faced with the choice of an egg transport system and our competitors claim to deliver the same as what they can expect from our EggsCargoSystem, **you can ask our competitors the following.**

- Exact specification of raw material types and auxiliary materials they use. Are recycled materials and/or fillers used? How much % UV protection?
- What is the average crack rate of newly delivered trays and what is this rate after 3 years?
- Which equipment suppliers do they work with and by whom are they recommended?
- What is the proven lifespan of their system?
- What type of RFID chip do they use in their pallets?
- How old are the molds they use?
- How do they manage quality control to ensure customers uniformity?



Value That Pays for Itself

- We know competitors offer cheaper alternatives to the **EggsCargoSystem**. The choice is always yours - but our philosophy is simple: **you get what you pay for**.
- ECS may require a slightly higher upfront investment, but it delivers **long-term savings, lower crack rates, less downtime**, and a **dramatically longer lifespan**. What seems more expensive at the start becomes the **most cost-effective solution** over the years.
- With ECS, you're not just buying a system, you're securing **reliability, durability, and measurable financial return**.



A Global Standard No One Else Can Match

No other supplier claiming to be “equal” to Giordano’s **EggsCargoSystem** can point to our track record:



1,700+ Customers



134 Countries



over 300 Million trays sold

That leadership isn't accidental. The global egg industry chooses ECS because they understand one thing clearly: **egg breakage is expensive**, and preventing it is essential for profitability. ECS delivers the lowest crack rates, the highest reliability, and the strongest return on investment—year after year.

That's why the world's top producers trust ECS, and why our system remains the **undisputed benchmark** in egg transport and protection.



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WHAT YOU MUST KNOW

Production spread across the world

Giordano prioritizes producing as close to our customers as possible—because proximity isn't just efficient, it's a competitive advantage. By manufacturing locally, we cut unnecessary transport costs, avoid import duties, and deliver significantly faster than global alternatives. This means our customers get the **EggsCargoSystem** exactly when they need it, without delays or hidden costs.

Today, we operate production facilities across Europe, the Middle East, the USA, Mexico, Brazil, Malaysia, and China. This global footprint allows us to respond quickly, scale flexibly, and support our partners with unmatched reliability.

Everything we do is built around one promise: **we move with our customers, not behind them.**



The Clear Difference

Yes—many systems on the market may look similar to Giordano's **EggsCargoSystem** from a distance. But appearance is not performance. **Looking alike is not the same as being equal.**

For all the reasons outlined above, we are not the cheapest option—and we never aim to be. ECS is the **proven best choice** for producers who demand:

- **Lowest crack rates**
- **Perfect uniformity**
- **Full compatibility** with every major egg-processing machine and robot

ECS delivers reliability, consistency, and long-term savings that imitation systems simply cannot match. That is the difference between a system that resembles ECS—and the system that actually **is** ECS.





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Serving the poultry world



EGGS CARGO SYSTEM®



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