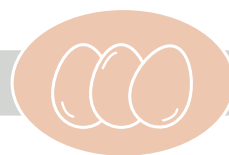


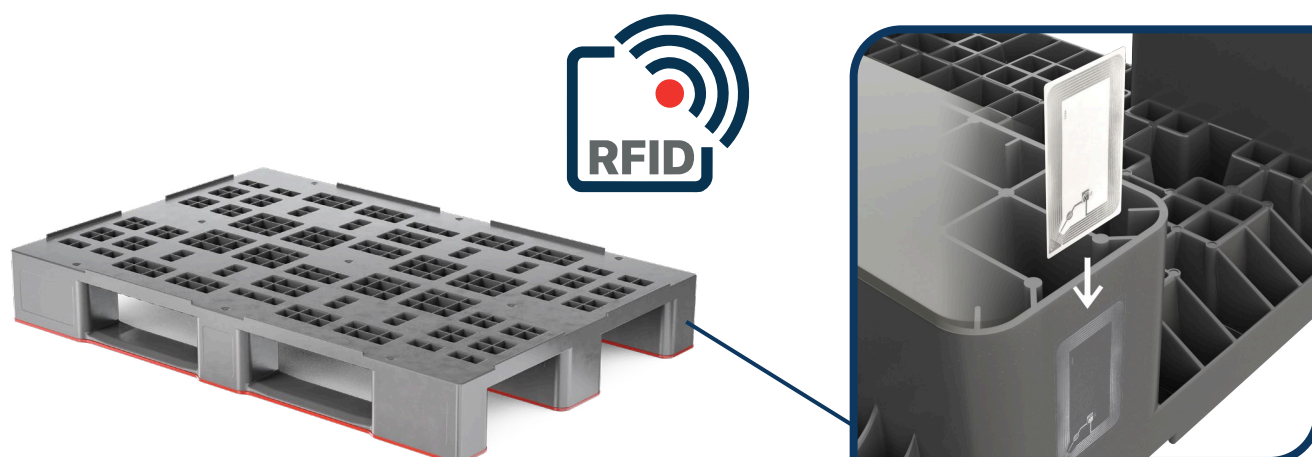


EGG HANDLING



Smart RFID Traceability for the EggsCargoSystem®

Since the introduction of the innovative **EggsCargoSystem**, Giordano has been integrating advanced **RFID technology** into its pallets, setting a new standard for traceability, operational efficiency, and supply chain transparency within the egg industry.



Each pallet is equipped with a high-quality **HF (High Frequency)** RFID chip, securely embedded within the pallet's durable plastic structure. This protected positioning ensures maximum reliability and performance, even in demanding environments where moisture and frequent cleaning are part of daily operations.

The RFID solution enables comprehensive **track & trace functionality** for both the plastic assets of the EggsCargoSystem and the egg flow throughout the supply chain. Every RFID chip contains a unique identification code that serves as the digital foundation for powerful tracking capabilities. Rather than writing data directly to the chip, the unique code is linked to customized software templates, configured entirely according to each customer's specific operational requirements.

To ensure seamless integration into existing business processes, the system can be fully connected to customers' ERP platforms and management systems. For these advanced traceability solutions, Giordano works closely with **Ovotrack**, the Netherlands-based global market leader in egg traceability and supply chain management.

Together, **Giordano and Ovotrack** deliver a future-proof solution that provides real-time visibility, enhanced product control, improved logistics performance, and complete supply chain transparency.

All EggsCargoSystem® pallets supplied by GIORDANO contain an RFID chip in one leg of the pallet.



The chip is based on the same technology as NFC (Near Field Communication).

The reading device has to be in close proximity of the chip (maximum 8 centimeter) to be able to communicate with the chip.

- ✓ The chip is a passive 13,65 MHz, standard compliance ISO 15693 HF chip with a unique ID.
- ✓ The chip is activated at the moment of reading.
- ✓ The chip has its own memory, so it is also possible to store data on the chip, albeit quite limited.
- ✓ The leg of the pallet which carries the RFID chip inside is marked with a dot on the outside.

Technical details

NXP ICODE - SLI - L ICS60

Product code	IN543 - PSLL
Operating frequency	13.56 mHz
Standard compliance	ISO 15693 ISO 18000-3
Thickness	150µm ± 15µm
Operating temperature	-25°C to +85°C
Storage temperature	-55°C to +140°C
Unique serial number	8 bytes
Memory size	512 bits
Memory	16 blocks of 4 bytes
Write endurance	10 years
Date retention	100.000 cycles

Discover the Possibilities

Would you like to learn how Giordano's RFID-enabled EggsCargoSystem can optimize your operations and strengthen your traceability processes?

Contact Giordano today:

sales@giordanoglobal.com

Our team will be pleased to discuss your requirements and show you how Giordano and Ovotrack can help transform your egg logistics and traceability management.



Member of
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HOLDING



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