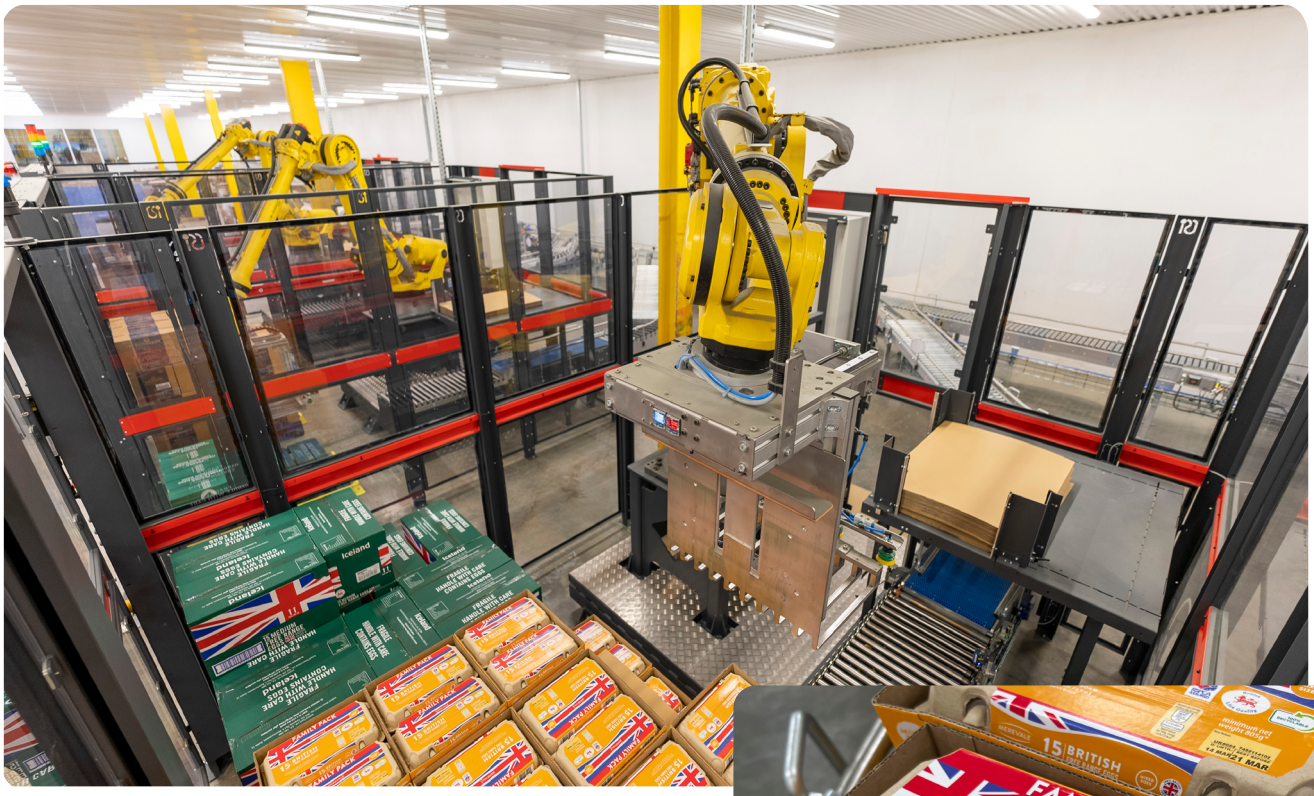
PALLETISING
END OF LINE AUTOMATION
An Mpac Group Company

Customer Story

Ballygarvey Eggs is growing with reliable automation





What started with just a few hens in a small backyard hen house has grown into one of the UK's larger egg production operations. For Mr. Thomas Davison, Operations Manager at Ballygarvey Eggs in Ballymena, Northern Ireland, and his family, growth has always been part of their story. As production volumes increased, manual palletising became increasingly challenging and the search for a palletising solution began. Ballygarvey Eggs decided to work with CSi palletising and opted for the i-Pal O.

Why did you choose CSi's i-Pal O?

"We were palletising everything by hand, it was very labour intensive", Mr. Davison explains. "The search for a palletising solution began with research into the options available on the market. While many systems were already widely used within the egg industry, we were looking for something more flexible and reliable."

BALLYGARVEY EGGS

- ✓ Ballymena, Northern Ireland
- ✓ Egg production, processing and distribution
- ✓ Growing family business

The flexibility of the system played an important role. Mr. Davison: "It could orient boxes in different ways, create stable pallets without gaps, and it was already a proven solution. We had previous experiences with custom palletising solutions that simply never worked. This was a tried and tested solution, that has been in place for many years, working in multiple industries."

The Ballygarvey team had well considered ideas and a vision of how the equipment, and the system should operate and perform. They were challenging in their approach, and this drove the collaborative technical development of the solution they operate today.

INNOVATIONS & TECHNICAL HIGHLIGHTS

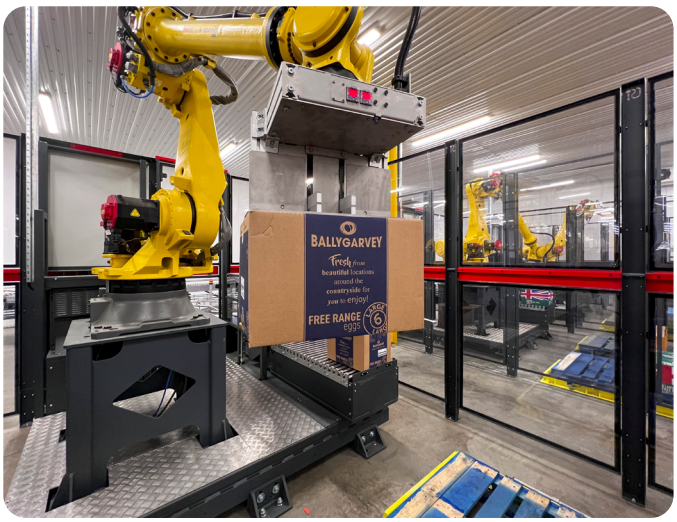
- ✓ Small footprint
- ✓ Competitive price
- ✓ Flexible
- ✓ 24/7 operational availability

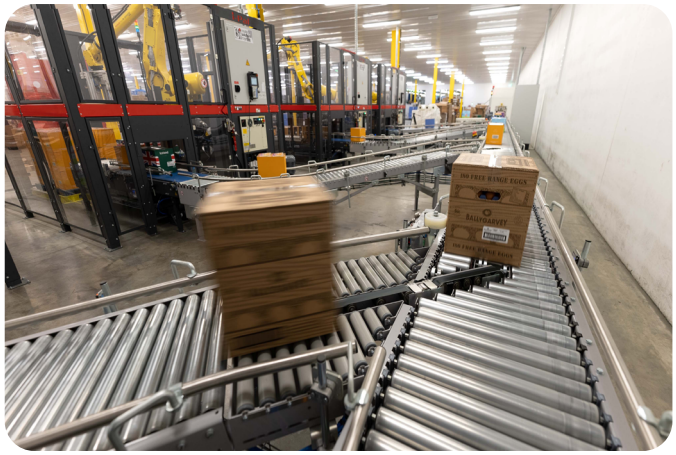
The i-Pal O offers a compact, modular solution for all palletising requirements, combining a minimal footprint with 24/7 availability. Even more space-efficient than the standard i-Pal, the i-Pal O easily fits in almost anywhere. The 'sliding doors' configuration provides the smallest footprint, while the 'light barrier' version offers the most cost-effective option. The i-Pal O can be integrated with multiple production and packaging lines. It delivers high efficiency with a low total cost of ownership. For Ballygarvey Eggs, this was the most optimal solution.

The first installation started around 2021. Today the company operates 2 systems, totalling 8 i-Pal O units across its facilities.

What element of the system are you most happy with?

What stood out about the i-Pal system was its approach to handling delicate products. "The main reason was the gripper tool itself," Mr. Davison says. "It picks up one case at a time and supports the box from underneath. For eggs, that makes a big difference."





For Mr. Davison, reliability remains one of the biggest advantages. "It is one of the most reliable parts of the factory. Over several years of operation, service calls have been minimal. I think I have only contacted the helpdesk once, " he says, "and that palletiser has been running for years. Even normal wear items have remained manageable."

How did you experience the cooperation with CSi?

Mr. Davison: "From sales through commissioning, the implementation process was straightforward. The sales process was very good. There were lots of drawings, ideas, discussions - and everything worked smoothly. CSi worked with our timelines. We planned the installations carefully, and everything came together when we needed it."

Looking ahead

Growth remains firmly on the agenda. Ballygarvey Eggs is currently exploring opportunities to increase production capacity, whether through expansion at existing facilities or new sites. What role automation will play in those future projects remains to be seen, but Mr. Davison is clear about one thing: "If we are doing palletising again, CSi will definitely be one of the options we look at. "

TAKE A LOOK AT THE VIDEO SHOWING THE i-PAL O IN ACTION AT BALLYGARVEY EGGS

CSi i-Pal O

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