



# Domino **D320i** Lasers transform production capabilities at The Lakes Free Range Egg Company



## Overview

The Lakes Free Range Egg Company, supplier to leading retailer and food service customers, has revolutionised its egg pre-pack coding capabilities with the installation of two Domino **D320i** lasers.

*“We are delighted with the **D320i**s and feel we have been innovative in our choice to introduce them. The lasers have certainly upgraded our lines and the time and cost savings.”*

## Fast facts

- Lasers allow for fully automated lines
- Coding onto egg pre-packs supplied to leading UK food retailers
- Integrated with robot packers, fed via a Moba conti-flow system from five lanes on a Moba Omnia Egg Grader
- Lasers contribute to a factory specifically designed to achieve net zero GHG emissions



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*"The high quality results produced by the laser looked like the perfect solution to our needs."*



The **D320i** Scribing Lasers have had a positive, significant impact on production levels, slashing the time taken to check accurate coding and eliminating the need for human intervention on the now fully automated lines. Integrated into five packing lanes, the **D320i** lasers are used to code egg pre-packs that are destined for some of the leading UK food retailers, such as Morrisons, McDonald's and Booths.

Mark Gaskin, Managing Director at 'The Lakes' comments, "With the recent upgrade of our facilities we felt it was time to upgrade our capabilities too, and wanted something new to work on five packing lanes out of a total fourteen, which were previously all covered by thermal label applicators from another product manufacturer."

Lakes reviewed several options available on the market and it was extremely important that new product investment matched up to Lakes' high expectations and the factors that had led them to consider a new installation.

Energy efficient, compact and user friendly, Domino's **D320i** Scribing Laser, which is one of three in the D-Series range, permanently applies codes to a variety of materials from low to high production speeds, and is capable of producing unlimited lines of text in any orientation, and in many fonts and sizes.

Mark continues, "Maria Harris, our Factory Manager, felt that by introducing a solution that diminished the need for human intervention, whereby someone would need to be checking the packs and labels for accuracy, we could gain considerable time and cost savings that would allow us to increase our production capacity."

"We decided to move away from thermal labels in the hope we would no longer need to check consistency of the codes on the boxes, and when Domino approached us with the **D320i** Laser, the high quality results produced by the laser looked like the perfect solution to our needs."

Based near Ullswater in Cumbria, The Lakes Free Range Egg Company focus on providing their customers with free range and organic eggs produced and packed to the highest standards. The company unveiled a new state of the art production facility in 2011 specifically designed to achieve net zero GHG emissions, and it is here that the **D320i** Lasers were installed in December 2011. The factory has one of the lowest carbon footprints in the UK and already features several leading edge innovations.

Since the installation of the two lasers, Mark, Maria and the rest of the Lakes team have reaped the rewards and are now so confident in the fully integrated lasers and the quality they produce, the need for someone to watch over the five packing lines they work on has been removed and the lines are now fully automated.

Maria Harris, Factory Manager, comments on the installation, "The **D320i** Lasers were seamlessly installed and integrated with the robot packers that are fed via a Moba conti-flow system from five lanes on the Moba Omnia Egg Grader. The main issue that we have with thermal labels is achieving consistently accurate label positioning; this requires ongoing monitoring and adjustment. The lasers therefore save on labour as well as labels."

"The **D320i**'s are fully integrated so the lines stop automatically if there is a problem, which we are delighted to say has so far been very seldom. In addition to being extremely reliable and efficient, the quality of the codes is excellent, and the laser can be used on plastic, polystyrene or pulp fibre packs giving us clear and precise results every time. Our team has found them easy to use and one major advantage is that we don't need to contend with replacing consumables as is the case with labellers, resulting in reduced downtime and further cost savings."

Mark Gaskin concludes "Overall, we are delighted with the **D320i**'s and feel we have been innovative in our choice to introduce them. The lasers have certainly upgraded our lines and the time and cost savings, quality and speed are a fantastic improvement that has been seen by all. As any business does, we are looking forward to expanding ours further, and really feel that now we certainly have the right tools for the job."

Scan this unique code with your mobile and discover Domino's **i-Tech** D-Series lasers

