

challenges

Lotus Bakeries is one of the largest producers and brand leaders in caramelised biscuits, waffles, galettes and cakes. Looking ahead to ways of improving the biscuit sector, and realising the opportunities for further internationalisation of caramelised biscuits, Lotus Bakeries turned to Cavanna for a new project.

The challenge is to handle two different product sizes and packages, dealing both with the primary and the secondary packaging.

solutions / strengths

Cavanna supplied a line consisting of:

- A** PULL-NOSE DEVICE
- B** VIBRATING CHANNELS
- C** TND LOADING SYSTEM
- D** PRIMARY FLOW WRAPPER Cavanna Zero 5
- E** HMC
- F** STOPPING / PUSHING DEVICE
- G** SECONDARY FLOW WRAPPER Cavanna Zero 5

Products arrive in rows of 11 or 12 biscuits each, depending on size variations.

Then they are transferred through a pull nose device onto vibrating channels and they are stackered penny.

The vibrating channels convey, accumulate and buffer the biscuits under low pressure. The next step piles the biscuits by a TND side loading system.

Piles of two or three biscuits – depending on the product size – can be obtained. At this stage biscuits are ready to be single packed by a CAVANNA Zero5 flow wrapper.

Then, the single packs move into an HMC device. Since two sizes of multipacks are required, a stopping/pushing device can insert 5 or 9 single packs into the secondary flow wrapper CAVANNA Zero 5.

results / benefits

Cavanna and Lotus have worked together for 30 years, which has established a mutual trust between the companies. This has allowed Cavanna to better satisfy the needs of Lotus, thanks to its being familiar with the production site and requirements. The quality of the line supplied by Cavanna is flexibility, technological innovation and high performance.

