



# Case Study

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## LOMA IS CREAM OF THE CROP AT LAGNESE IGLO

Langnese Iglo, the German based manufacturer of frozen vegetables and ready meals and a subsidiary of the multi-national Unilever Group, has installed Loma metal detection equipment at its factory in Wunstorf. The decision to install quality inspection equipment was driven by customer demand and the comprehensive quality control programme in place throughout the Group. Langnese Iglo chose Loma equipment for its ease of use, reliability and flexibility.

Installed at the Wunstorf factory are 13 Loma metal detector heads Loma conveyor with a 900 Series intralox belt, and. The company manufactures a variety of own label and branded products for supply to Birds Eye Wall's and other Unilever companies throughout Europe.

The Loma equipment is used to check products for metal contaminants once they have been packaged in carton boxes. The Loma metal detector and conveyor unit is installed on a line which is dedicated to the popular Langnese frozen spinach medallions. Any cartons containing metal contaminants are rejected into a secured bin by a pusher reject mechanism. After they have been checked for metal, the cartons are shrinkwrapped, heat sealed and transferred onto a palletiser before being transported to cold storage. The Loma metal detector checks up to 250 packs per minute.

In compliance with ISO 9002, all Loma equipment is regularly tested in the factory to ensure it is operating at optimum sensitivity level.

The majority of the products are tested with a 2mm calibrated test sample which is passed through the detector every hour.

Heinz-Jürgen Schultze, engineering manager at Langnese Iglo, says "demand for our vegetarian products is increasing and to meet the demand we needed to install flexible and effective quality inspection equipment. We had many problems in adjusting the equipment we used previously and have found, in comparison, the Loma equipment to be extremely operator friendly and easy to adjust."

"The Loma system works perfectly and I was more than happy to recommend Loma to the other factories in the Group.



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" Loma equipment is also installed in Unilever factories elsewhere in Germany, the UK, Holland and throughout the world.