



Case Study

REXAM GAINS THE ADVANTAGE WITH LOMA

Rexam Plastics Packaging has installed Loma metal detectors at its Yate thermoforming factory, to check plastics packs destined for use in the food industry. With quality requirements in the food industry becoming increasingly stricter, food packaging suppliers such as Rexam are using metal detection equipment to meet food manufacturers' specifications and to gain a competitive advantage.

A leading manufacturer of trays, cups, deep storage and bulk plastics containers for supply to food manufacturers, Rexam Plastics Packaging recognised the need for all products to be checked for metal contaminants before being distributed. Installing metal detectors enables Rexam to eliminate the risk of its customers' food products being contaminated and rejected at end of line, when they have most value, because of contaminated packaging. The use of Loma metal detection equipment also enables Rexam to meet the requirements of ISO 9000 quality standards.

Alan Horton, cell manager at Rexam says: "Installing Loma metal detectors has not only enabled us to meet our customers requirements, but has provided us with wider advantages. On a commercial front, it helps us to safeguard our current customers and is also an extremely effective tool in the competition for new business."



Six Loma metal detectors are installed at the end of plastics thermoforming lines, where they check a full range of food and drink containers in a variety of sizes. Once the containers have been formed and automatically stacked, they are passed through the metal detector and then packed into boxes for distribution.

If any contaminant is found in a stack of containers, the conveyor stops automatically and an audible alarm sounds. This alerts the operator who then separates the stacked packs and passes each individual container through the detector. "We chose Loma because they were able to meet our specifications exactly. We have found the equipment very reliable and easy to use," says Alan Horton.

The Loma metal detectors are in use at Rexam 24 hours per day, five days a week.
