

SUCCESS STORY

Inline Packaging Inspection and Stacking

Huhtamaki reduces labour costs with vision

VMV were commissioned by Huhtamaki to deploy over 20 vision systems to automate the inspection and packaging

COMPANY PROFILE

Huhtamaki is a leading global manufacturer of high performance consumer packaging products and services. Headquartered in Finland, Huhtamaki has offices throughout North and South America, Europe, Asia, Oceania, and Africa. Products include molded fiber packaging, single use cups, plates, cutlery and napkins for restaurants; films for labels, graphics arts, adhesive tapes and packaging for automotive and construction industries. With over 15,000 employees in 66 manufacturing units, and sales offices in 36 countries, net sales in 2006 were EUR 2.3 billion. Huhtamaki Oyj is listed on the Helsinki Stock Exchange (HEX).

CLIENT REQUIREMENTS

Huhtamaki operate a production line in Australia that manufactures ice cream containers and lids for most of the Australasian market. This plant has over 20 lines, and the product from each line was being manually inspected and stacked – an extremely labor intensive task. Huhtamaki saw that significant cost savings could be realized if this manual process could be automated.

CHALLENGES

To deploy systems that must:

- Deal with hundreds of different product types.
- Deal with variability in the parts due to upstream manufacturing inconsistencies.



SOLUTION

VMV had the vision system expertise to design reliable robust inspection on a very broad array of products, and to integrate this inspection into automated packaging systems.

These systems were then linked to a central database, providing Huhtamaki with detailed production statistics which could be accessed over the web. This has since allowed Huhtamaki to identify and eliminate a number of systematic production issues.

BENEFITS

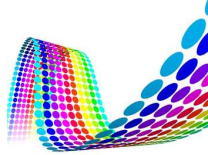
Huhtamaki realized a number of benefits including:

- Elimination of manual inspection.
- Elimination of need for manual stacking
- Improved product quality.
- Reduction in customer complaints.
- Improved reactivity and traceability.

VMV - COMPANY PROFILE

Web Inspection

(paper, metals, non-wovens, glass fiber mat)



Print Inspection

(fine print, newsprint, coated and uncoated)



Colour Sorters

High speed colour sorters for the food industry



Retortable plastic and aluminium packaging

(ready meals, baby food, Pet foods, pates, sauces, soups, fruits ...)



Retortable Pouches

(sauces, soups, fruits, ...)



Closures

(Plastic caps and closures)



VMV is a leading developer and manufacturer of **vision inspection systems**. Our products are successfully used around the globe in the printing, food and packaging industries. With a high level of technical expertise, the ability to work closely with our clients, and a focus on support, we offer solutions that provide **consistent performance** and **objective standards**.

Our professional staff includes highly skilled and experienced software, electrical, and mechanical engineers, technical staff, and in-house design / drafting. We also have in-house manufacturing and prototyping facilities which allow us to rapidly develop unique solutions to complex problems.

Contact us to find out how we can help you.

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