

SUCCESS STORY

HELIOS Web Inspection

Milford Astor installs HELIOS and counts the benefits

Milford Astor Foilmakers installed a number of the HELIOS Web Inspection Systems to improve quality, and improve productivity.



CLIENT REQUIREMENTS

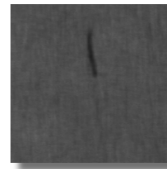
Milford Astor Foilmakers manufacture coated plastic foil and thermal transfer ribbon. Defects such as blobs and gaps in the coating can occur during the production process. Detecting these defects with a manual inspection was not working for two reasons: first, the web speed is too fast to see small defects; and second, the operators move around between work areas as part of normal production, and so were not on the spot when defects occur. An automated inspection system was required.

CHALLENGES

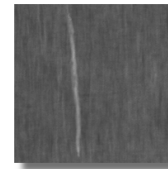
Production was subject to frequent changeovers, and the system needed to 'just work' if it was to be a success. The system needed to work on a wide variety of coatings and be easy to configure for new products.

SOLUTION

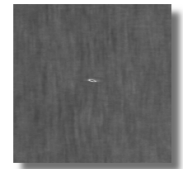
VMV's HELIOS Inspection System was installed, and customized to the requirements of Milford Astor to make it extremely easy to operate. HELIOS is purpose built for web inspection of continuous materials and can be configured to detect a range of defects. Examples of the defect types found at Milford Astor are shown below:



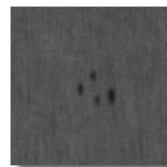
paint blob



gap in coating



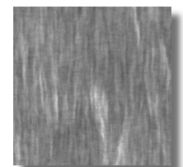
scratch



blob cluster



edge creep



low density

HELIOS combines:

- high-speed, high-resolution analysis of the web
- high levels of reliability
- unmatched ease of use

BENEFITS

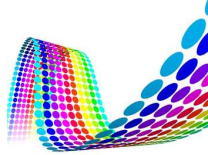
Milford Astor realized a number of benefits including:

- Increased productivity.
- Improved product quality
- Reduced customer complaints.
- Reduced waste.

VMV - COMPANY PROFILE

Web Inspection

(paper, plastic, 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)



At VMV, we believe in **thinking differently**. We believe in focusing on the simplicity, precision and ease of use of everything that we do. We combine **simplicity of form with complexity of function**. This approach has enabled us to successfully develop a range of high technology products that are incredibly reliable and yet simple to use.

Since our inception, VMV has set out to apply our core philosophy to the area of our technical expertise - the design of optical inspection systems. The end result is that we have become a leading developer and manufacturer of inspection systems that 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.

Melbourne (Head Office)
3/25 Howleys Road
Notting Hill, VIC, 3168.
Ph: (03) 9543 1114
Fax: (03) 9543 2202
Email: sales@vmv.com.au

Sydney
Ph: 0458-251-735
Email: sales@vmv.com.au

