

NEW

BOARDWATCHER

For 100% inspection of corrugated cartons

Whilst print inspection systems have been standard practice in other sectors of flexible packaging, labels, security print and continuous stationery, the arrival of the Board Watcher in the corrugated industry is a relatively new development.

Why does a box-plant need to inspect and monitor its print?

In essence, the expectation of box printing today is a far cry from that of 10 or 20 years ago. Today, a box has to sell the product inside, not just protect it in transit. Higher quality print is now becoming the norm with higher customer expectations. Precision and consistency are key, particularly for global customers where product identity must bridge geographic borders and must remain constant in all markets.

The flexo printing process has improved significantly in recent years, thanks to huge developments in prepress equipment, ink management systems, quality of corrugated board and machinery. Having invested in the latest equipment, how can you be sure that quality standards are being met all the time? In theory, operator checking on quality from a top printing machine can be undertaken, but this is subjective, rather than specific. On a bottom printing machine, the print can not normally be seen during the production run and the first person to see the sheet is possibly the customer.

The BOARDWATCHER system allows for scientific print monitoring of sheets throughout the run, specifically developed for the corrugated industry. It features the latest in camera technology and monitors :-



- Missing colours
- Print to print register

During printing, any carton found to be out of specification, is ejected. If more than 4 consecutive boxes do not meet standard, a signal can be sent to stop the feed enabling operator correction to the print.

The Board Watcher is an easy to use, cost effective retrofit that can really make a difference to the consistency of flexo print quality.

For Further information on this product simply call us on +44 (0) 1443 821552 or visit our web site www.tecscan.co.uk

TecScan expands its export portfolio with a new order from the Ukraine

Tecscan is supported by International Business Wales the Welsh Assembly Government's overseas trade and investment arm, to find new markets in order to grow the business.

IBW have guided us towards countries where there is potential establishing new high-value, niche markets. Foreign trade is crucial to us and exploiting new opportunities is essential to our continued success. 80% of our business comes from exports and the Ukraine is certainly an emerging market and we expect further business from the country.



HOLOGRAM TECHNOLOGY

Tecscan developed its holographic inspection system at the request of a UK producer in 1997. Other installations included Europe, Canada and China. Following a review of factory processes at a leading security printer within the UK, a need was identified to

improve their current web inspection process and a order was placed on Tecscan in December 2007 for a high calibre AVIS Hologram system to improve accuracy, efficiency and enable operators to spot issues easier and faster.

Series 4 CS1 & CS2 system Options Available with this model

*A variety of maximum viewing area's
Special camera for viewing reflective substrates
Manual or motorised traverse
UV ink viewing option*

*Multi Monitor Outputs
Backstroke Option
Dual camera option
Real time split screen option*



BUSINESS FORMS & PACKAGING SECTOR

Tecscan well exceeded their set targets during 2007 within the business forms and packaging sectors, 80% of these orders being received from our well established international market.

On the UK side we were very pleased to supply FOUR CS2 systems and ONE CS3 dual camera system to a leading UK business forms customer based in the West

country with the aim of increasing press speeds and reducing printed waste. This much valued customer has always boasted Tecscan products. They chose Tecscan equipment for its high quality, specification, after sales service and Tecscan's unique level of expertise.

TECSCAN PRODUCTS

- Web Inspection 'both passive and pro-active'
- Full Print Defect Detection
- Bar Code Verification & Validation Systems
- On-Line Length Measurement
- Machine Vision Solutions

BENEFITS ACHIEVED:

Maximise highest quality and help to reduce:-
Rejected Products
Waste to a minimum
Make Ready to a minimum
Press Production time per job

SPECIAL APPLICATIONS:

Holographic passive and pro-active inspection
Cold Seal Viewing
Foil and high reflective substrates
Reflective Inks
Label/Packaging Check Facility
Split Screen Facility
Security Inks & Paper
Matt & Gloss Varnish inspection
A range of viewing area's

EXHIBITIONS 2008

Tecscan equipment on show at:-



DRUPA

**Dusseldorf Germany
May 29 – June 11 2008**