
Release: No. 652, 02.05.2017

Contact: Nicole Ruffer

E-Mail: nrueffer@isravision.com

Phone: +49 (6151) 948-192

Adaptive systems automate defect detection and make printers' work easier

Perfect printing from the very start: Combination of systems reduces make-ready times and ensures optimum printing quality with efficient processes

Managing time, waste and manpower in the best possible way is one of the biggest challenges currently facing printers. Setting the printing press up for new and demanding print jobs has traditionally been particularly complex. Effective quality control during the printing process can prevent the often onerous subsequent correction of defects on the print web. A new combination of adaptive inspection systems does more than just reduce make-ready times – it supports the printer during the entire printing process, for optimum and efficient processes throughout the workflow.

Shortening the traditionally lengthy make-ready time is a crucial way for printshops to achieve better efficiency. Inline quality assurance using ViewSTAR can significantly reduce the working time needed and the unavoidable waste. ColorSTAR speeds up correct color setup, while PrintSTAR reduces the number of customer complaints by automatically verifying the print document (PDF comparison using a reference file) – both help to ensure that the printing process can begin quickly yet maintain a high level of reliability.



Release: No. 652, 02.05.2017

Contact: Nicole Ruffer

E-Mail: nrueffer@isravision.com

Phone: +49 (6151) 948-192

Guided by its motto "Printing Excellence. Right the First Time. Every Time." ISRA's coordinated combination of various print inspection systems enables efficient processes throughout the entire workflow, from make-ready to further processing.

After all, preventing defects is crucially important in printing processes. Defects that are detected before they have an impact on quality eliminate the often onerous process of correcting them on the print web. This is accompanied by the often generously-calculated surplus or re-printing involved when defects are detected too late.

For one thing, adaptive inspection systems like NarrowSTAR for narrow web printing and PrintSTAR as an inspection system for all web widths ensure the excellent quality of the result at all times – for example through a portfolio of more than ten digital assistants including cylinder and printing plate inspection. For another, print inspection reduces the consumption of resources by enabling more effective production and finishing. This often also prevents customer complaints, which would otherwise demand work to be repeated. The new, user-friendly user interface (GUI) in the latest Windows touch style makes the system easy to use.

ISRA's portfolio of print inspection systems is based on three decades of experience in surface inspection in many different industries. Efficient algorithms do more than just detect all defects reliably – they are able able to classify them extremely accurately, thus ruling out potential pseudo effects. With these systems, it is easy to guarantee efficient production processes and high-quality products.

Page 2

ISRA VISION AG
Industriestraße 14
64297 Darmstadt
Germany
Tel. : +49 (6151) 948-0
Fax: +49 (6151) 948-140
info@isravision.com



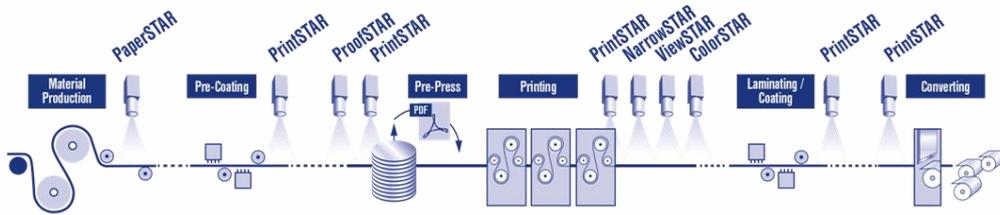
Release: No. 652, 02.05.2017

Contact: Nicole Ruffer

E-Mail: nrueffer@isravision.com

Phone: +49 (6151) 948-192

Images



652_1

Optimized inline workflow thanks to valid defect classification at every stage of the process reduces idle times and rejection rates



652_2

100% web inspection for zero-error printing quality with PrintSTAR

PRESS NEWS

Release: No. 652, 02.05.2017

Contact: Nicole Ruffer

E-Mail: nrueffer@isravision.com

Phone: +49 (6151) 948-192



652_3

Inline web view in high image quality with ViewSTAR



652_4

The pre-calibrated NarrowSTAR system for narrow webs can be put into operation quickly and operated via a touch-sensitive interface

Release: No. 652, 02.05.2017

Contact: Nicole Ruffer

E-Mail: nrueffer@isravision.com

Phone: +49 (6151) 948-192



652_5

Perfect color measurement anywhere, any time with ColorSTAR

NEWS
NEWS
PRESS