

# QUALITY CONTROL FOR OFFSET SHEET FEED MACHINES

# PERFECTO

## PRINT QUALITY

A 100% real time inspection system so powerful, so relentless in its defect detection, and so superior in its simplicity couldn't be called differently than PERFECTO.

Designed to be used on a printing press, PERFECTO is suitable for packaging cardboard - especially pharmaceutical boxes - or ether used to control labels, patient information slips and other top-quality sheets, even printed through several processing steps.

## BENEFITS

PERFECTO guarantees a powerful combination of print quality and waste reduction. On line integration allows waste reduction and printing process optimization. PERFECTO is able to prevent widespread failure and averts large quantities of waste. The integration into a dedicated inspection machine guarantees the best quality of the final product eliminating the defective sheets. The benefits result in cost reduction and improved process efficiency that drive profits up.

## QUALITY IS EASY

PERFECTO can be integrated directly on offset presses or can be installed on dedicated inspection machines. The complete production is registered into a job report document that can be printed at the end of each production job.

PERFECTO is easy to use: the setup of a new job can be done in less than one minute.



## DIFFERENT CONFIGURATIONS FOR DIFFERENT NEEDS

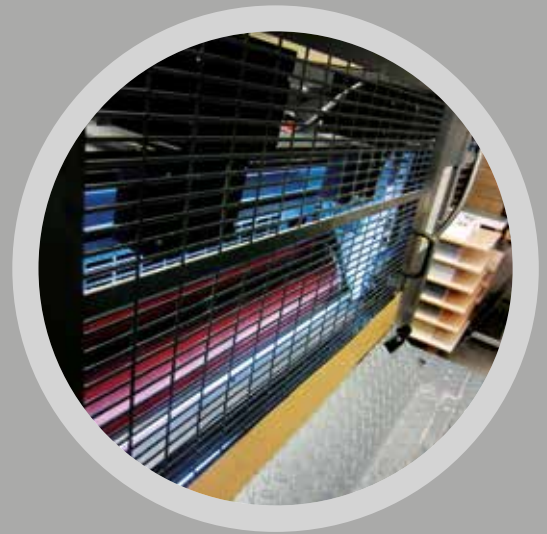
PERFECTO is equipped with one or two line-scan cameras for the inspection depending on the sheet format. PERFECTO-L2 is the model designed to be installed into the Folding Carton Gluing machines. Blanks such as high-quality cardboard boxes for many different types of consumer products in cigarette, cosmetic and pharmaceutical industries need zero defects and high quality printing.

## TECHNICAL FEATURES

PERFECTO has a very intuitive operator interface with a fast setup and a really powerful defect detection software.

Standard features:

- EASY TO LEARN AND EASY TO USE GUI INTERFACE
- FAST AND AUTOMATIC SET UP
  - new job can be started in less than one minute
- EASILY DEFINE DIFFERENT AREAS OF JOB
  - with different tolerance levels
- SIMPLE SOFTWARE but extremely powerful and versatile
- GREAT RELIABILITY IN THE DETECTION
- CONNECTION TO THE FLAGGER
- LED LIGHTING SYSTEM for a diffused and uniform illumination
- L\*A\*B COLOUR MEASUREMENT FUNCTION
  - for colour monitoring
- PDF DATA IMPORT FOR DIE-CUT DATA
- TOUCH SCREEN INTERFACE
- FULL REPORT AND AUTOMATIC STORING
  - of all production process data
- DIFFERENT LOGIN LEVELS
- QUICK ZOOM FUNCTION
- OPERATING IN MS-WINDOWS 7 OS



## TECHNICAL DATA

	PERFECTO-4K	PERFECTO-8K	PERFECTO-L2
Print	Offset	Offset	Offset
Products	Paper and cardboard	Paper and cardboard	Folded cartons
Max field of view	700 mm	1200 mm	450 mm
Maximum sheet size	50x70 cm	120x100 cm	45x60 cm
Camera Resolution	Colour 4096 pixel	Colour 2x4096 pixel	Colour 2048 pixel
Camera Speed	18 KHz	18 KHz	32 KHz
Resolution	0,17x0,25 mm	0,17x0,25 mm	0,2x0,2 mm
Max prod. speed	15.000 sheets/hour	15.000 sheets/hour	350 meter/min
Typical defects	Lack or excess of print, blurs, smears, dirt, scratches, colour variation, register error, hickeys, water and oil drop, splashes	Lack or excess of print, blurs, smears, dirt, scratches, colour variation, register error, hickeys, water and oil drop, splashes	Lack or excess of print, blurs, smears, dirt, scratches, colour variation, register error, hickeys, water and oil drop, splashes
Min defect size	Ø 0,6 mm	Ø 0,6 mm	Ø 0,7 mm

Technical data and system specifications refer to the state at the time of printing. We reserve the right to modify them in the interest of a continuous program of further development.



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