EyeC ProofRunner *Sheetfed HDM*

Generate added value to your sheetfed offset printing by **integrating 100% print inspection.**

Designed for the **Heidelberg Speedmaster XL 106**, the EyeC ProofRunner Sheetfed HDM is an in-line system that **monitors the quality of leaflets on both sides during printing**. Available for both new and existing presses and less expensive than competitive systems, it offers leaflet producers a cost-effective and flexible solution to improve their print quality.

Avoid reclamations and win new business
A defect in a leaflet may put a patient's or user's life in jeopardy. As a consequence, any quality problems expose leaflet producers to costly reprints or reclamations. With the EyeC ProofRunner Sheetfed HDM, print shops can be sure to **fulfill their clients' expectations** and keep them satisfied. It also provides them a key sales argument to differentiate from the competition, and win new business.

Reduce material waste and costs
The EyeC ProofRunner Sheetfed HDM reduces costs associated to quality. By **catching defects in real time**, the system allows the operator to correct the problem before too many waste materials have been printed. By counting the number of good items produced, it also eliminates the need for over runs. As a result, it prevents the waste of expensive consumables and valuable machine time, and reduces production time.

High speed <u>AND</u> high accuracy
The EyeC ProofRunner Sheetfed HDM uses two high speed line scan cameras and a high performance computer system to continuously verify the printed quality. Thanks to its easy job set-up, high inspection speed and accurate defects detection, it offers best-in-class performances. Even if operated **at maximum press speed**, the system detects the relevant defects. As a result, jobs are processed and proofed without slowing down production.

Increase operator satisfaction
The EyeC ProofRunner Sheetfed HDM obviates the need for manual or off-line quality control. It **increases process safety, simplifies quality checks, and enhances operator satisfaction**. Its intuitive interface allows any operator to easily perform an inspection. Thanks to its advanced technology, the system alerts the operator only in cases of significant deviations. The clear presentation of deviations helps the operator to easily understand the location and origin of printing defects. A full inspection report offers managers perfect tracking, analysis and communication support.

EyeC. Your Vision for Quality.

EyeC

quality
control
systems

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What types of defects are found?

- ✓ job mix-up
- ✓ defects in text (e.g. missing/broken characters)
- ✓ water spots, scratches, hickeys, smudges
- ✓ ink starvation
- ✓ press contamination
- ✓ plate, blanket or cylinder damage
- ✓ print misregister

Technical data

EyeC ProofRunner		
	Version	**Sheetfed HDM**
Performance	Machine type	Heidelberg Speedmaster XL 106
	Application	Leaflet
	Inspection With	1060 mm (41.73'')
	Camera	8K grayscale
	Resolution	180 dpi
	Pixel size	140 µm
	Speed (max.)	up to 18.000 sheets/h
Req.	Power Supply	100-120 V / 50-60 Hz / 9 A or 200-240 V / 50-60 Hz / 4.5 A

Key features

- ✓ **100% job inspection**
  Ensures quality and keeps customers satisfied.
- ✓ **High and low priority regions**
  Meets quality requirements, while limiting waste.
- ✓ **Predefined parameter sets to select tolerance**
  Adapt the inspection sensitivity to each job with one click.
- ✓ **Running total of good and defective items**
  Prevents underdeliveries and eliminates over runs.
- ✓ **Comprehensive inspection report**
  Keeps track of inspection results and certifies quality.

Options

- ✓ **Checks against customer proof or good to print PDF**
  Performs a comprehensive content verification in any languages, and automates job set-up.
- ✓ **Defects heatmap**
  Provides key information for the understanding of the location and origin of printing defects.
- ✓ **Traffic light**
  Delivers a visual alert in case of defects.
- ✓ **Add-on audio signal for traffic light**
  Delivers an acoustic alert in case of defects.
- ✓ **Tab inserter**
  Enables an easy identification of defective sheets.

www.EyeC-Inspection.com

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