

Stay within your quality specification and increase your productivity: **CartonSTAR**



CartonSTAR

More production efficiency by reducing manual quality checks

Industry Requirements

- Increasing quality requirements for printed products driven by global brands
- Machine productivity has to be increased by producing at uppermost speed, by reducing make-ready and increasing effective production
- Increasing profitability by reduction of waste and complaints
- Smaller runs require better monitoring systems with faster response times

CartonSTAR: Increase your machine throughput by focusing on real defects

- 100% inline inspection of every square millimeter of the printed job at the highest machine speed
- Earliest detection of systematic printing defects
- 100% detection of sporadic defects
- Classification of relevant errors for dedicated error messages
- Job management for different quality levels; adjustable quality parameters
- Verification of the correct print job and checking the printing plates by comparing them with the customer's PDF
- Providing valuable details and reports for improving performance and yield

Applications

- Flexo direct printing for corrugated board sheets
- Flexo or offset preprint in web printing
- Digital printing on corrugated board on roll and sheet

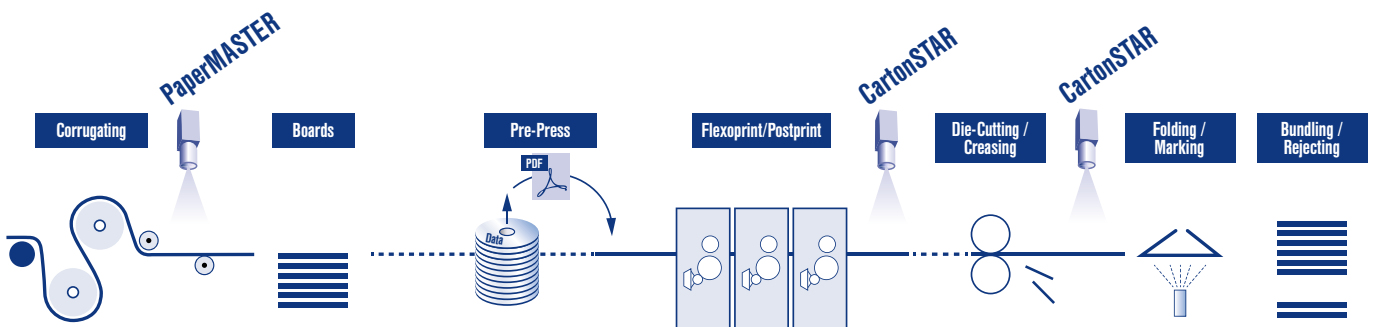
Highlights

- High performance hardware at low maintenance level, resulting in low cost of ownership
- Steady and stable inspection performance on all substrates without operator intervention; saves time and increases confidence of operators; CartonSTAR is the "GPS" for the printer during the print job, allowing him to do his job better and stress-free
- Earliest detection of process defects saves a lot of money; less waste; no defective material sent downstream for further finishing. Enables faster printing and less human errors
- Inline, continuous and documented monitoring is the right tool for internal improvement, root cause identification.
- Avoid disposal of an entire print production due to wrong or defective cylinders/plates.
- Produce same quality level with all printing lines all the time.

Printing Excellence!
Right the First Time. Every Time.

Features

- Advanced LED and color line scan camera technology
- Real-time compensation algorithms (for material and press performance)
- Reliable defect classification according to customer requirements
- Dedicated algorithms to avoid false alarms
- Inline & continuous monitoring: add-on functionalities to monitor basic product/process parameters (color consistency, print-to-print register, print to board register)
- Add-on functionality to check printed content (PDF comparison)
- Add-on functionality to concentrate on points of interest (Masking of die-cut areas)
- LiveSheetView for fine tuning of the register during make ready
- Integrated data mining and reporting tools
- Permanent feedback on fault classes, single or serial errors and color variations
- Touch & Inspect GUI
- State of the art user interface
- Easy to operate
- Simple intuitive setup



Optimizing Workflow with Inspection STARS

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