



SÜDPACK® Case study

Advanced Hazing Detection reliably detects color hazing on transparent films

The challenge

SÜDPACK relies on high quality and automation to increase efficiency and sustainability in the production of flexible packaging. As part of a digitalization project, the Bioggio plant was looking for innovative inspection systems to prevent hard-to-detect defects in the future. When printing films, the wear on the doctor blades can result in unwanted color transfers into non-image areas. This results in color hazing, a defect that is not visible during production but is only discovered during further processing. The defect is not detected by conventional inspection systems, and therefore, defective production runs are stopped.

The solution

PrintSTAR Advanced Hazing Detection

- The Advanced Hazing Detection function enables the reliable detection of even slight color hazing on a transparent substrate across the entire web width during the printing process.
- The system then alerts the operator, who can immediately begin a fault analysis and take remedial measures.
- Defective production and customer complaints can be avoided through the use of the inspection system.



PrintSTAR Advanced Hazing Detection

SÜDPACK®

100% verified and inspected quality is an unbeatable sales argument for SÜDPACK. ISRA technology resulted in a clear acceleration of the workflow processes and improvements in quality management. Thanks to the improved product quality and lower defect rates, SÜDPACK Bioggio is benefiting from a decreasing number of complaints.

Advantages



Detection of hard-to-detect defects

The Advanced Hazing Detection function of the PrintSTAR system is a unique feature provided by ISRA VISION in print inspection processes. It reliably detects barely visible color hazing on transparent substrates, which are invisible to the operator at high production speeds.



Significant time savings

Since all print-related specifications can be monitored and automatically set, the production and quality management processes at SÜDPACK Bioggio have been sped up significantly. In addition, the quality assurance employees require less time for outgoing goods inspections. On average, the company can now complete more orders per day, which results in significant increases in the annual production.



Sustainable production

Complaints regarding goods and defective prints, together with the waste of materials, are a thing of the past – an important contribution to sustainable production.

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