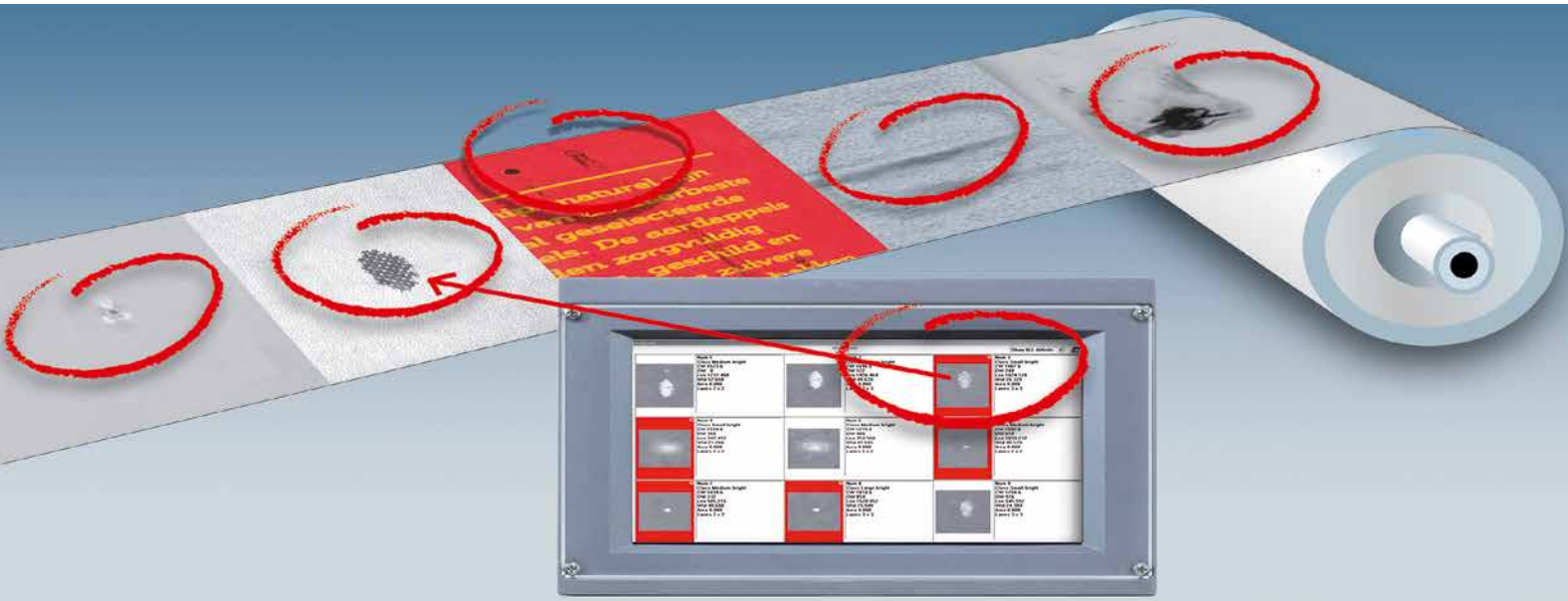*Product Info*

ISRA
V I S I O N

Rewind Manager: Maximize quality, improve throughput
Cost reduction using selective automated waste removal

Reduce roll post-processing time time, ensure quality: stop on pre-selected defects of interest

Leading edge inspection products go beyond basic defect detection. The systems provide accurate classification for root cause analysis, trend data for process improvement, roll data to optimize slitting, and rewind control for increased throughput of first quality product. Optical inspection combined with the RewindManager increases roll post-processing throughput by allowing the operator to pre-select the defects that should be removed from inspected rolls of material.

When the roll is converted, the Rewind Manager defect data base controls the re-winder to stop at a predefined location for operator review, repair, or removal. The advantage to the user is a reduction in converting time by stopping only on specific defects of interest.

The rolls which are inspected during production are post-processed in the roll cutter. Perfect material can be delivered because all defects are compared to the settings put in by the operator and are repaired. The result: increased machine uptime, improved throughput and reduced waste.

Applications

- Defective material automatically sorted out at the roll cutter or rewinder in print, plastic film and nonwoven applications.
- Roll-to-roll applications
- Packaging printing
- Folding carton printing
- Sheet-fed printing
- Added value applications
- For integrators, OEM partners, and machine builders in the graphic arts industry

Advantages

- Slitter or doctor machines can be used at optimum speeds increasing overall efficiency
- The removing of defective sections is tracked and documented
- Reliable quality control
- Faster ROI by inspection directly during processing
- Continuous process improvement
- No more customer complaints

Economic and efficient:
First class converting at roll cutter

The RewindManager uses a technology with which SMASH systems can be extended in order to automatically sort out defective roller cuts during production.

RewindManager interfaces with a synchronized database to allow the user to select which defects need to be removed at the slitter or doctor machines.

Features

Selection of defects with a mouse click
- Exact positioning for secure cutting and repairing
- Connection wizard for fast access to inspection data
- Tracking reports

Technical Data

Material	Paper, film, foil and nonwovens
Web width	Any, typically: 1.200 – 2.400 mm
Web speed	Typically: 50 – 800 m / min
Data input	defect data base
Stop on demand	automatical stop on pre-selected defects

Quality improvement made easy:
Reliable defect detection and pre-selection for removing in the finishing department

Reduce of waste and increase of line yield due to newest RewindManager system

Optimize your ROI with the technology leader ISRA