



EMWI GROUP

Emwi Linescan is the latest generation of Print Quality Inspections Solutions from Emwi Group Systems. Featuring high resolution Line Scan cameras, Discovery PQ can acquire large format images of a continuous web for multiple, simultaneous, print quality and integrity inspections.

Line ScanTechnology

The line scan camera is capable of imaging an entire web for continuous printing applications. Unlike area scan cameras which capture a specific area of a document with one snapshot, line scan cameras have a single line array of sensors which process a target moving underneath the camera and build the image one entire line at a time.

Emwi Linescan can acquire high resolution images of up to 6000 pixels wide at speeds up to 300m/min on all presses, narrow web label presses and rewinders.

Print Quality Assured

Emwi Linescan immediately identifies print defects such as streaks and voids

Alarms notify operators of defective print in real time.
User defined tolerances stop false alarms

Defect map gives coordinates and images of faults within a printed reel for easy identification and removal of defective print

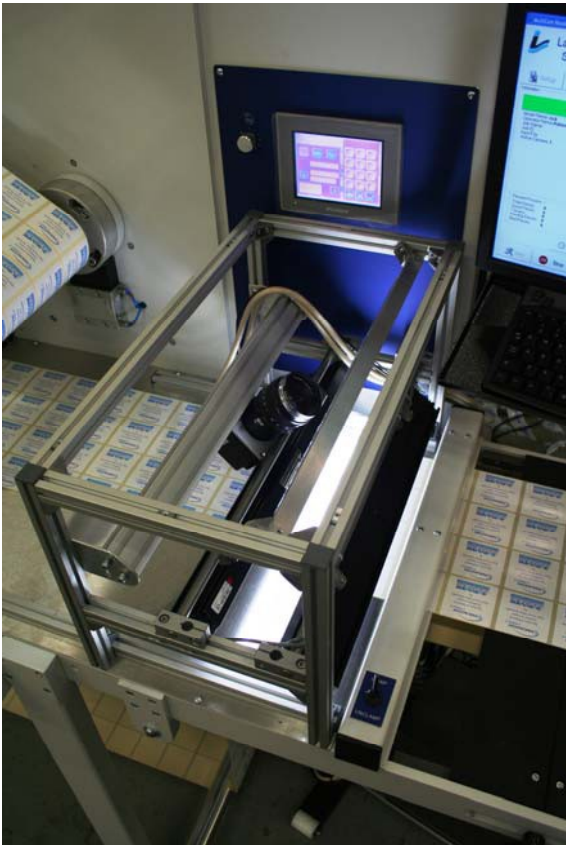
Quick return on investment. Run-on print is automatically calculated, preventing costly re-work and setup.

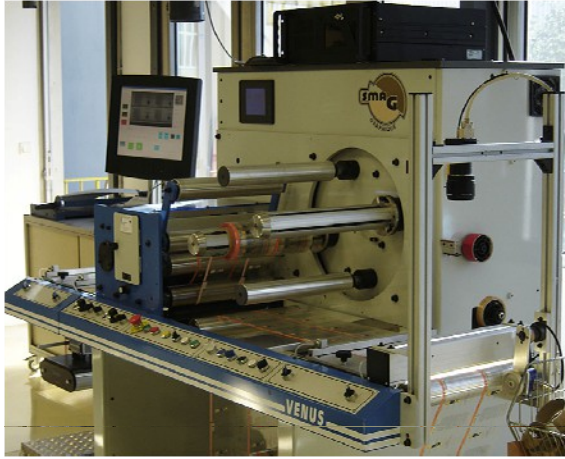
Comprehensive reporting module for job and print run data assists job scheduling, productivity and quality assurance

Simple user interface with touch screen operation

Retrofittable installation to presses and rewinders:
Enhance the performance of your existing equipment.

Web stability frame, web guide and path rollers available when necessary.





Emwi Linescan is ideal for web and re-winder applications, where print quality verification is paramount.

Inspect & Display

- Foils
- Clear Films
- Flexible Packaging
- Variable Printing
- Labels, Cards & Tickets

Input Devices

Line Scan Cameras 2K, 4K or 6K Line Scan
Colour and B&W

Triggering High resolution encoder

Processor/ Interface

Operating System Windows™ XP

Processor Intel Pentium IV

Process Time In excess of 300m/min

Chassis Standard PC or Industrial Rack (IP54 rated)
Power 110-230VAC

Approvals CE/UL Certified

Interface Touch Screen Monitor

(Emwi Linescan is configured with standard, secure network interface for remote service and support)

Outputs

Digital Outputs Fully configurable, opto-isolated digital output lines

Integration Hardware

On Press Standard press mounting kits

Rewinders Web stability frame, web guide and path rollers available when necessary

Emwi Group

Ul. Rokicisnka 369 – 92-614 – Lodz - Poland
T: +48 42 6717384 F: +48 42 6717415 E: info@emwi-group.com

Emery Willed SL

Paseo de Reding 43, 1-lzq. - 29016 – Malaga - Spain
T: +34 952 122290 F: +34 952 122291 E: info@emerywilled.com