



Easy to use touch screen interface

View multiple operations

Web-based tracking and reporting

Real-time print inspection tests:

- Print Alignment
 - Color Verification
 - Streak Detection
 - Void Detection
 - Barcode Grading
 - Postal Verification
 - Sequence Verification
 - Data Integrity
 - Logo Matching
 - Form ID Verification
 - Pattern Matching
- and more...

- Inspect the entire web
- Target critical areas
- Take predetermined actions
- Reduced waste
- Job templates for quick setup

100% quality control at full production speed

Whether your business handles high-volume transactional print, transpromotional documents, direct mail or other – print quality is critical to the performance of your business. The WebVision™ solution for integrity and quality in print operations can examine every page of print inline as it's produced on today's fastest digital printers and perform instant analysis to ensure quality results.

WebVision can monitor print quality on nearly all types of ink jet and laser print engines and supports 1-up and 2-up layouts in simplex and duplex configurations in either grayscale or full color format.

WebVision's extraordinary processing power allows it to capture amazing

detail on 2-up duplex print at full production speeds while simultaneously analyzing every page for a multitude of quality checks including:

- ◆ ANSI grading of bar codes
- ◆ Verification of print alignment and quality
- ◆ Analyze and record page content

As with all of our products, the WebVision system is compatible with today's most advanced digital printers and can be adapted to meet your printing needs. Innovative products combined with award winning support and service make Lasermax Roll Systems the essential partner for your print operation.

WebVision consists of a paper-handling module, high resolution cameras, a controller, and a high-resolution touch screen monitor. The system is powered by JETVision™ sophisticated image capture and analysis software.

Print quality analysis

WebVision supports both image-level quality analysis, such as print-alignment and ink application issues, as well as document-level analysis including:

Format Verify

Guarantees the correct base stock is being used as well as ensuring that dynamic images, logos, graphics and other items specific to individual customers and accounts are properly applied and positioned.

Color verification

WebVision inspects every image in real time, ensuring correct and consistent color printing. It also detects streaks of excess ink or voids without ink.



Full color, 2-up view

Postal standard verification

WebVision analyzes the quality of elected postal elements using the same tests as the MERLIN® inspection software.

Barcode grading

ANSI barcode grading capabilities ensure that barcodes meet reading and equipment standards to avoid issues on downstream processing systems.

As with all WebVision quality operations, each test can be configured with user-defined thresholds to log results, warn operators or even stop production in critical situations.

Extensive reporting

Every WebVision is capable of detailed audit tracking and reporting ranging from reports by job, document and quality tests through to logging of every image for archive and retrieval. Reports are web based for easy access and make it easy to track waste and improve efficiencies.

Connectivity

WebVision is enabled for connectivity to central ADF management systems to communicate job and document level details, as well as operator and machine performance statistics.

Configurations

WebVision EXspect

The WebVision EXspect system is positioned between the web-fed digital printer and the finishing module.

WebVision INspect

The WebVision INspect system is installed inside the web-fed digital print engine.



Real-time barcode grading

Specifications

Performance / Media

Print	Simplex , Duplex 1-up or 2-up
Feeding	Pinfed or pinless
Paper weight	11# bond–110# index 42–200 gsm
Web width	8"–21" 200 mm–530 mm

Imaging

Resolution	280-dpi grayscale 360-dpi color
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User interface

- ◆ Touch screen wide-format (2-up) monitor
- ◆ Multi-lingual operator interface (English, Spanish, French, German, Polish, Japanese, Swedish, Dutch)
- ◆ Simple template-driven job setup
- ◆ Multiple simultaneous areas of interest and quality tests per page
- ◆ Freeze, pan, zoom and replay images
- ◆ Visual warnings and alerts

Data Management

- ◆ On-board SQL database for real-time lookup, analysis and logging
- ◆ Extensive data export capabilities

Software capabilities

- ◆ Barcode grading
- ◆ Print Quality Verification
- ◆ Color Verification
- ◆ Format Verify, Postal Verify, Address Verify, and Sequence Verify
- ◆ Job tracking and reporting
- ◆ Matching (front to back)
- ◆ Data Validation
- ◆ Image recording and output, and more

Supported symbologies

- ◆ WebVision reads common 1D, 2D and Postal barcodes, as well as OCR fonts

System connectivity

- ◆ Real-time connectivity with ADF systems
- ◆ Communication with printers and/or post processing devices
- ◆ Generate configurable data output to networked systems