

## NYSCAN Web:Inspector for 100% Web Inspection

**Peace of mind with total quality control and significant waste reduction.**

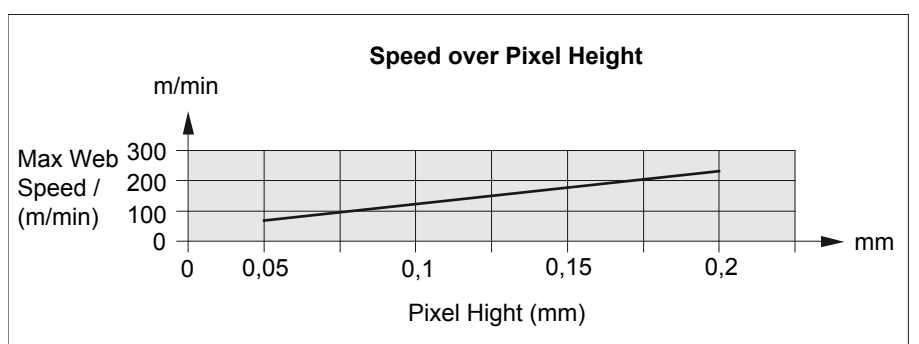
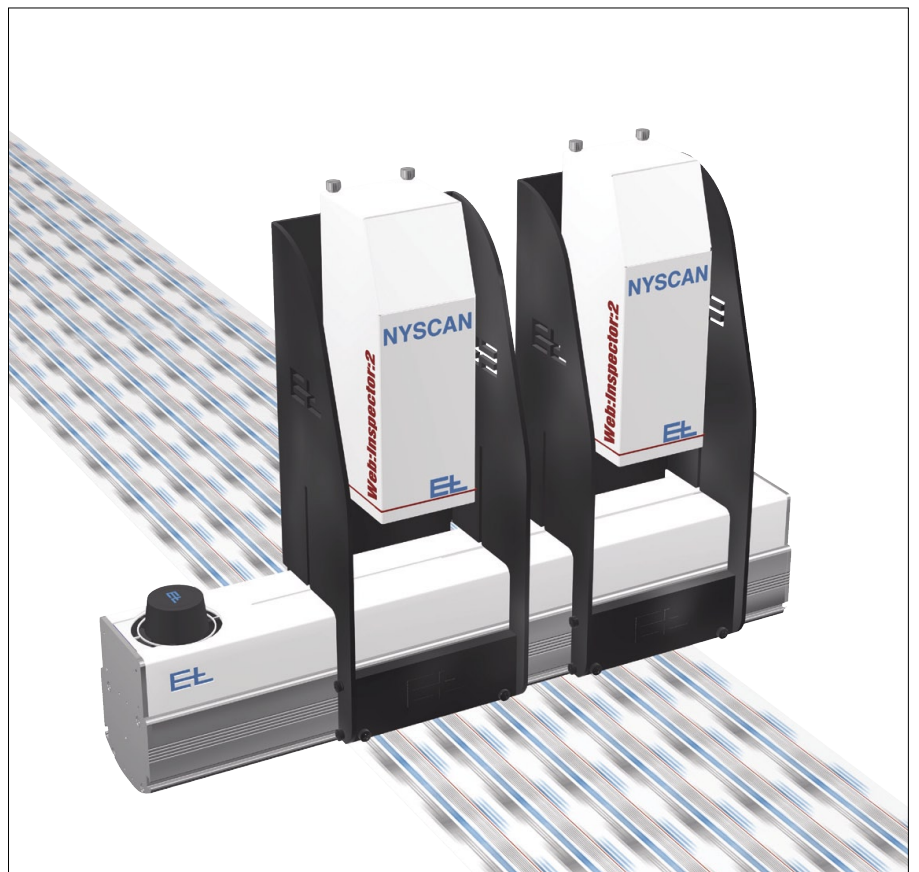
Up to 3 cameras provide excellent image quality. High resolution gray cameras or high performance 3 chip color cameras are used.









The new TubeLight is fully integrated, providing the ideal illumination for difficult webs such as embossed metalized surfaces.

The system can cover a wide speed range, depending on the pixel resolution used.

The 100% inspection will find defects such as broken or missing characters, misregistration, color deviations, splashes, etc.

All defects are stored in a data base and can be analysed after the production run. The Web:Inspector is a member of the NYSCAN workflow that further integrates PDF validation, Roll Reporting (single or multiple stations), and rewinder control for automatic placement.



Selection of different defects			
	Missing letters / parts of letters		Spots and splashes
	Filled letters		Register inaccuracies (punching edge)
	Blurs		Barcode
	Register inaccuracies (flash-ups)		Color variation

### Specification NYSCAN Web:Inspector

Application	Inline-application on printing press or post-press application on rewinder
Smallest defect detection area	Depending on camera resolution and web width. Example of calculation as follows: 2048 pixels per 330 mm web segment: 0.026 mm <sup>2</sup> 6144 pixels per 500 mm web segment: 0.007 mm <sup>2</sup>
Materials	Paper and plastic labels, films, foil, paper, carton board, security features (optional)
Printing Process	All web printing processes
Inspection Features	Print, fine print, barcodes, streaks, spots, mis-registration and other defects including: optional variable data checking, optional distance measurement and monitoring
Work Order Setup	Zones of interest with independent tolerance settings
Workflow Integration	XML based job tickets, user-definable roll reports, total quality control via roll map database
Camera Type	High-resolution, high-sensitivity 3 CCD line scan camera 2048 Pixel (color) or 6144 pixels (greyscale)
Number of cameras	1 to 3 depending on web width
Web width	Depends on requirements, typically 250 mm – 1200 mm (10" – 48")
Maximum inspection speed	Depends on camera type, web width and complexity of inspection, typically 80 m/min – 330 m/min (250 ft/min – 1000 ft/min.)
Binary control signals	Control of sorters, sheeters, removers via signal with programmable delay (with respect to camera location)

Subject to technical modifications without notice