MJRvision

COMPARISON SHEET
Cherry Hill, NJ
mjrvision.com

BINDERY VISION & INKJET RETROFIT

Camera Signature Matching + Inkjet Addressing

How MJR Vision's retrofit system compares to Muller Martini's built-in ASIR® camera system — based on an installation on a Muller Martini Presto 1550.

CAPABILITY	MULLER MARTINI ASIR (OEM)	MJR VISION CAMERA MATCHING + INKJET
Cameras required	One camera per feeder — 6 or 8 cameras on a 6- or 8-feeder Presto, even for a couple of signature-matching applications. Set as system parameters at installation.	2 cameras, moved to any position on the system and reconfigured in a couple of minutes as job parameters.
Camera positioning	Fixed sensor mounting set at install; repositioning is a service call	Camera position is configurable in the job parameters — moved in a couple of minutes, no service call
Barcode read zone	Barcode must fall within a defined, fixed read zone on the signature	Reads a barcode anywhere on the outside of the signature — no prepress redesign needed
Job changeover time	Changeover tied to fixed hardware setup	Fast reconfiguration lowers changeover time between jobs
Address printing on cover	Not offered — inspection only, no print capability	Optional integrated inkjet reads & prints the address directly on the book cover in one pass
Install time (retrofit)	Factory-installed. An ASIR upgrade requires rewiring the system, installing cameras, and modifying the PLC software, so it takes much longer than MJR's one-day install.	Demonstrated one-day install on Presto 1550 (retrofit onto existing line)
Vendor relationship	OEM-locked; support and pricing tied to Muller Martini	Independent U.S.-based support; parts on hand, fast turnaround

PROVEN IN PRODUCTION

The MJR Vision Camera Matching system is installed and running on a Muller Martini Presto 1550 saddle-stitching line — installed in one day, with zero disruption beyond that window. The customer is very happy with the performance. The operator reports the system outperforms the machine's factory ASIR system on flexibility, barcode placement, and changeover speed, with the added ability to print addressed covers in the same pass.

Why This Matters For Your Line

Every bindery running Muller Martini equipment with ASIR is a candidate for this upgrade. The gains are most visible in three places: shops that run frequent, short-run jobs benefit most from configurable camera positioning and reduced changeover time; shops constrained by prepress rules around barcode placement gain design freedom once the read zone is no longer fixed; and book manufacturers, subscription publishers, or book clubs producing personalized or addressed covers can eliminate a separate labeling or addressing step entirely by printing the address inline with matching verification.

Availability

Both the camera matching and inkjet addressing modules use parts that are fully developed and tested today. Lead time to have parts on hand runs from immediate to about two weeks depending on availability. Once on site, installation itself is completed in one day — consistent with the Presto 1550 track record.

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ABOUT MJR VISION 200+ systems installed since 2001. MJR Vision is an Authorized engineering integrator of Norwix.

ASIR is a trademark of Muller Martini AG, referenced here for comparison purposes only. MJR Vision, LLC is an independent equipment retrofit provider and is not affiliated with Muller Martini.