



MCS to Demonstrate Low-Cost Harrier Process Color Inkjet at Booth 6615 LOUPE Americas 2026

New HP-Powered Harrier Brings 1200 DPI Process Color, Speeds Up to 600 FPM, and a New Cost Model to Label and Packaging Production

GAITHERSBURG, MD — September 2026 — MCS, Inc. will demonstrate its new **Harrier Process Color Inkjet** at **LOUPE Americas 2026**, September 15–17 at the Donald E. Stephens Convention Center in Chicago. Visitors to **MCS Booth 6615** will see live demonstrations of a new approach to high-speed digital color printing designed to give label and packaging producers the quality and productivity of industrial inkjet without the traditional capital cost.

Built around the latest **HP 108 thermal inkjet technology**, the MCS Harrier delivers **native 1200 DPI CMYK process color at production speeds up to 600 feet per minute**.

MCS designed the Harrier around a straightforward objective: **make high-quality process color inkjet practical and affordable enough to put on the production lines converters already own. Pricing starts at under \$50,000.**

Process Color at the Economics of Monochrome

The Harrier combines high-resolution process color with a low capital investment, low maintenance requirements, and competitive ink costs. This gives label and packaging producers an opportunity to add digital color capability without investing in an entirely new digital press.

“Digital color shouldn’t require a million-dollar investment,” said **David Loos, President of MCS**. “With the Harrier, our goal was to change the economics of industrial process color. We can deliver 1200 DPI CMYK printing at speeds up to 600 feet per minute with a system that integrates into existing production equipment. That opens digital color to applications and customers that previously couldn’t justify it.”

The result is a platform designed for **short runs, versioning, variable data, personalization, barcodes, QR codes, graphics, sequential numbering and full process-color imaging** — all in a single pass.

Add Digital Color to the Equipment You Already Own

Rather than forcing converters to replace productive equipment, the Harrier is engineered as a flexible industrial inkjet platform that integrates with existing web, roll-to-roll, transport, converting, and finishing systems.

This retrofit approach allows converters to **add digital process color where it creates value**, while continuing to use the mechanical platforms and finishing equipment they already know.

Harrier printheads are available in **4.25-inch, 8.5-inch, and 12.75-inch configurations**, with complete systems scalable to print widths of **up to 42 inches**.

That modular architecture allows MCS to configure Harrier systems for applications ranging from narrow-web labels to much wider industrial printing installations.

Built for Industrial Production

At the heart of the Harrier is HP's latest industrial thermal inkjet technology, incorporating micro-recirculation designed to keep ink moving within the printhead. The technology helps reduce nozzle drying, simplifies printhead servicing, and supports the reliability required in demanding production environments.

Harrier capabilities include:

- **Native 1200 DPI print quality**
- **True CMYK process color**
- **Production speeds up to 600 feet per minute**
- **4.25", 8.5", and 12.75" printhead configurations**
- **Systems scalable up to 42" in print width**
- **HP 108 thermal inkjet technology**
- **Micro-recirculation for reduced maintenance and improved printhead reliability**
- **Water-based inks**
- **Variable text, graphics, barcodes and QR codes**
- **PDF-based variable-data workflow**
- **Integration with existing web, roll-to-roll and converting equipment**
- **Low capital and operating costs**

A Different Approach to Digital Label Production

MCS believes one of Harrier's biggest opportunities is helping converters bridge the gap between conventional printing and standalone digital presses.

A converter can maintain the productivity and finishing capabilities of an existing production line while adding digital CMYK imaging exactly where it is needed. Static content can remain conventional while Harrier adds changing graphics, colors, versions, codes, numbers and other variable information.

This hybrid approach can make jobs involving **multiple SKUs, regional versions, promotional graphics, variable barcodes, serialized labels and short production runs** significantly easier to produce.

“Converters don't necessarily need another press — they need more capability from the equipment they already own,” Loos said. “Harrier gives them the ability to turn an existing production line into a high-resolution digital color production system without starting over.”

See the Harrier Running Live at LOUPE Americas

MCS will run live Harrier demonstrations throughout LOUPE Americas 2026, giving attendees the opportunity to evaluate print quality, speed, variable-data capability, and the platform's simplicity firsthand.

Visitors are encouraged to bring their own challenging label or variable-data applications to discuss with the MCS team.

See the MCS Harrier Process Color Inkjet live at Booth 6615.

LOUPE Americas 2026

September 15–17, 2026

Donald E. Stephens Convention Center

Chicago, Illinois

About MCS

MCS, Inc. develops and manufactures industrial inkjet, production mail, tracking, camera, and workflow solutions for the printing, mailing, and graphic arts industries. Since 1997, MCS has applied high-performance digital imaging technology to real-world production environments, helping customers increase productivity, add new capabilities, and reduce operating costs.

The MCS product portfolio includes high-speed monochrome and process-color inkjet systems, camera and integrity solutions, production workflow software and integrated industrial printing systems.

For additional information about MCS and the Harrier Process Color Inkjet, visit **MCSpro.com** or call **800-728-0154**.

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