THE HP MICR SOLUTION

Enable fast, accurate document processing with precise, secure Magnetic Ink Character Recognition (MICR) prints.

Deliver secure prints with consistent MICR quality

Meet the standard for secure prints with the HP MICR solution,[1] designed together with the HP Inkjet Web Press to deliver precise, consistent MICR quality.

Produce MICR prints with precision

The HP MICR solution produces output that meets industry standards and precise specifications for print quality and signal strength. Using HP MICR inks, your secure prints meet the ANSI X9.100-20-2006 standard for MICR including attributes such as shape, dimensions, skew, void, and signal strength. Sharp, well-defined, high-quality characters printed with HP Scalable Printing Technology further enable high reader-sorter processing success rates.

Maintain high productivity

Reliable, high-quality printing enables high productivity. The HP MICR ink and printhead are meticulously tested and optimized as an integrated system to deliver consistent MICR quality. To help you maintain high productivity, HP MICR ink supplies are designed for on-the-fly replacement, while the press

runs. When not in use, HP MICR printheads remain installed on the press and are capped to maintain reliable performance and preserve printhead life. And to enable cost-effective printing, MICR ink is printed only in places where MICR characters are needed.

Secure this self-contained solution with ease

This solution offers security in more ways than one. The HP MICR ink system is designed as a self-contained, mobile solution. Connect it to your press. Then simply remove it from the press and store in a secure place as needed.

The HP MICR solution can be ordered as an option with your new HP Inkjet Web Press, or you can add it to your existing press.

The business of secure prints

Magnetic Ink Character Recognition, or MICR, is a character recognition technology used to protect financial transaction documents. Unique MICR fonts—most easily recognized as the block-shaped numbers and symbols that make up the account number on checks—are printed with a magnetic ink that must be accurately read during high-speed, automated processing. Printing documents that achieve high reader-sorter processing success rates demands reliable, high-quality printing performance. Placement, uniformity, and precise character definition are critical. MICR printing standards are developed by The American National Standard Institute (ANSI), including requirements for MICR fonts and signal strength.

Key details

- Consistent MICR quality in a solution meticulously tested and optimized as an integrated system with the HP Inkjet Web Press

- Prints meet the ANSI X9.100-20-2006 standard for MICR

- HP printheads, based on proven HP Scalable Printing Technology, produce sharp, well-defined characters, enabling high reader-sorter processing success rates

- HP MICR ink supplies are designed for on-the-fly replacement, while the press runs

- HP MICR printheads remain installed on the press and are capped to maintain reliable performance and preserve life

- Reduce or eliminate inventory costs associated with storing and managing pre-printed MICR shells—print on pre-printed forms or deliver 100% variable full-color documents from white sheet

- The HP MICR ink system can be easily removed and stored for added security

(¹ Currently available in the US only. MICR print speed is enabled up to 400 feet (122 meters) per minute.

Why HP

HP strives to provide you with quality solutions that fit your business objectives. The HP Color Inkjet Web Press family draws on more than 25 years of HP thermal inkjet innovation, experience, and IT leadership. As a global IT leader and the world's largest technology manufacturer, we are uniquely positioned to support your company's digital production needs, every step of the way.

To learn more, visit www.hp.com/go/inkjetwebpress