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InfoPrint 5000 Multi-Purpose Platform (MP)

Avoid technology lock-in

The InfoPrint® 5000 Multi-Purpose Platform (MP), a key member of the InfoPrint 5000 continuous form, inkjet printer family, offers color, monochrome and MICR capability in a very compact footprint. The InfoPrint 5000 provides transactional printers, commercial printers, book printers and direct mailers with investment protection through platform interoperability, operating flexibility and ongoing product enhancements that are available to all InfoPrint 5000 customers. You can configure platforms and models with each other to run diverse applications and optimize productivity.

The InfoPrint 5000 platforms are built with the same highly reliable core technology but address different application and volume requirements. All are designed to conserve energy, produce superb quality, maximize productivity, offer an array of ink/fluid choices, and work with multiple datastreams.

The MP models are fully compliant with Interchange Set/3 (IS/3) standards. This means that in multivendor environments, IS/3-compliant applications generated by Advanced Function Presentation™ (AFP™) datastreams are printed correctly. IS/3 standards cover process and spot colors, International Color Consortium-based color management, industry-standard image formats and more.

HIGHLIGHTS

- Tailor your solution with full-color, monochrome and MICR configurations

- Raise the quality of images and grayscales with enhanced halftones on certain monochrome models

- Produce superb print quality from unique imaging technology that dynamically jets variable drop sizes for each pixel on each page

- Reduce environmental impact with low power consumption, a small footprint and simplified operations

- Utilize an ink management suite for print job estimates and monitoring

- Achieve high throughput using diverse papers

- Choose a configuration for today's requirements with the flexibility to adapt in the future—certain MP models support U configuration, in addition to I and L configurations

InfoPrint 5000 Multi-Purpose Platform (MP)

Transition to inkjet with confidence

The InfoPrint 5000 MP color, MP monochrome and MP MICR models are designed to help you transition smoothly to inkjet technology. The MP models, which offer the lowest power consumption in the market and a very small footprint, are exceptionally versatile. For example, you can run monochrome applications now while you develop color applications for future use. When you're ready, you can convert to full color on-site. Select the speeds and fluids that suit your needs now, and change them as requirements evolve.

The built-in AFP architecture, which is designed for high-speed printing, can provide accurate, consistent, device-independent output with page-level error recovery for MICR, monochrome and color output and a variety of applications.

Pair platforms for greater flexibility

While MP models can be configured as a high-speed duplex mono or entry-level duplex color system, you can also pair MP models with InfoPrint 5000 General Production Platform (GP) models to meet particular output needs.

One configuration pairs an on-demand MP MICR with a GP color in Adobe® PDF/PostScript® environments, using a new feature for specified color support. Another configuration provides on demand MICR for monochrome applications in the AFP environment, by pairing a new GP model using black and MICR inks with an MP mono in a compact footprint that delivers very high throughput.

Another configuration combines two GP color engines and a third engine, such as the InfoPrint 5000 MP MICR. This space-optimizing U configuration features face-to-face displays to maximize operator convenience.

Produce outstanding halftones

Images and grayscales in complex jobs, like books, can pose a quality challenge, especially when light tints are involved. Enhanced halftones on the MP MD3/MD4 monochrome models improve halftone quality while the printer is running at top speed.

InfoPrint 5000 Multi-Purpose Platform (MP)	
InfoPrint 5000 Multi-Purpose Platform (MP) MC1/MC2: Full-color printing up to 210 feet/min or 64 meters/min MD3/MD4: Monochrome printing up to 420 feet/min or 128 meters/min XR3: On-demand MICR printing up to 420 feet/min or 128 meters/min	• Multi-purpose platform designed to ease the transition to inkjet technology • Monochrome and MICR with option to convert to full color • Choice of configurations and fluids that can be changed in the future • Enhanced halftones on MP models MD3/MD4
InfoPrint 5000 General Production Platform (GP) AS1: Full-color simplex printing up to 210 feet/min or 64 meters/min. AS3: Full-color simplex printing up to 420 feet/min or 128 meters/min. AD1/AD2: Full-color printing up to 210 feet/min or 64 meters/min. Available with integrated MICR. AD3/AD4: Full-color printing up to 420 feet/min or 128 meters/min AD3/AD4 + XR3: Full-color printing up to 420 feet/min or 128 meters/min with on-demand MICR KM3/MD4: Monochrome printing up to 420 feet/min or 128 meters/min with on-demand MICR	• General production platform with field-upgradeable speed • Optional integrated and on-demand MICR • Accommodates diverse applications from books to bills • GP models AD1/AD2 and AD3/AD4 support face-to-face "U configuration, which saves floor space and enables easy operator access to printer displays • GP models AD1/2 and AD3/4 (at speeds up to 210 feet/min) support the Extended Media Dryer feature, which enables the use of heavier, lighter, treated and coated stocks with pigment and dye inks • Enhanced halftones on GP model KM3, excluding MICR
InfoPrint 5000 Volume Platform (VP) VP Color VC5/VC6: Full-color printing up to 492 feet/min or 150 meters/min VP Color VC7/VC8: Full-color printing up to 722 feet/min or 220 meters/min	• Very high-volume platform for transactional and commercial applications • Leverages proven, leadership production inkjet technology • Compact, simple design with superb print quality

InfoPrint 5000 Multi-Purpose Platform (MP) at a glance

	InfoPrint 5000 MP	InfoPrint 5000 GP	InfoPrint 5000 VP
Models	MC1/MC2 MD3/MD4 XR3	AD1/AD2 AD3/AD4 AD3/AD4 + XR3 KM3/MD4	VP Color VC5/VC6 VP Color VC7/VC8
Speed	Up to 420 feet/min, 128 meters/min	Up to 420 feet/min, 128 meters/min	Up to 722 feet/min, 220 meters/min
2-up Duplex Throughput	Up to 1,832 ltr imps/min 1,724 A4 imps/min	Up to 1,832 ltr imps/min 1,724 A4 imps/min	Up to 3,148 ltr imps/min 2,960A4 imps/min
Maximum Resolution	720 × 360 dpi	720 × 720 dpi	720 × 360 dpi
Exclusive Imaging Technology	2 bits per spot Stochastic screening, 1,440 dpi effective resolution Dynamic variable drop size for every point on a page		
Compatible Inks	CMYK dye MICR	CMYK pigment CMYK dye MICR	CMYK dye
Finishing	Multiple partners provide a variety of un-wind, rewind, cut, fold, dynamic perfora-tion, vision systems and inline processing, including a solution for books	Multiple partners provide a variety of un-wind, rewind, cut, fold, dynamic perfora-tion, vision systems and inline processing, including a solution for books	Multiple partners provide a variety of un-wind, rewind, cut, fold, dynamic perfora-tion, vision systems and inline processing, including a solution for books
Web Width	6.4 in./165 mm to 20.4 in./520 mm paper	6.4 in./165 mm to 20.4 in./520 mm paper	6.4 in./165 mm to 20.4 in./520 mm paper
Supported Configurations	All models support I and L configurations Certain MP models support U configuration	All models support I and L configurations AD1/AD2 and AD3/AD4 also support U (face-to-face) configuration, with two GP engines or with two GP engines and a third engine, such as MICR	All models support I and L configurations

For more information

To learn more about the InfoPrint 5000 family, contact your Ricoh production print specialist or visit: infoprint.com
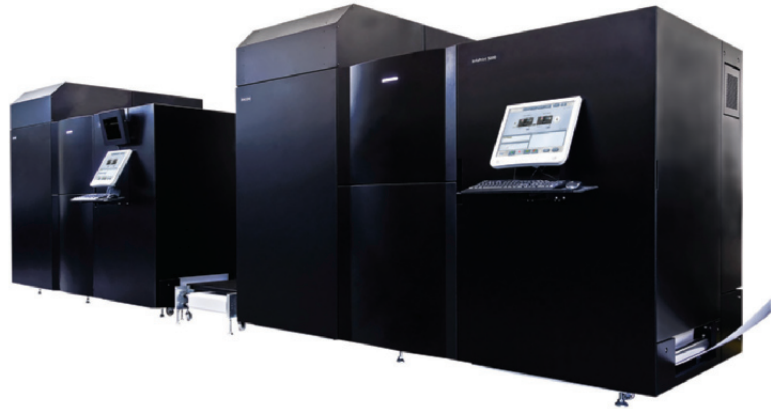
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InfoPrint 5000 General Production Platform (GP)

Avoid technology lock-in

The InfoPrint® 5000 General Production Platform (GP) is a key member of the InfoPrint 5000 continuous form, inkjet printer family, which offers color, monochrome and MICR capabilities at a range of speeds. The InfoPrint 5000 provides transactional printers, commercial printers, book printers and direct mailers with investment protection through platform interoperability, operating flexibility and ongoing product enhancements that are available to all InfoPrint 5000 customers. You can configure platforms and models with each other to run diverse applications and optimize productivity.

The InfoPrint 5000 platforms are built with the same core technology but address different application and volume requirements. All are designed to conserve energy, produce superb quality, maximize productivity, offer an array of ink/fluid choices and work with multiple data streams.

The GP models are fully compliant with Interchange Set/3 (IS/3) standards. This means that in multivendor environments, IS/3-compliant applications generated by Advanced Function Presentation™ (AFP™) datastreams are printed correctly. IS/3 standards cover process and spot colors, International Color Consortium-based color management, industry-standard image formats and more.

HIGHLIGHTS

- Meet varying general production requirements with exceptional flexibility

- Choose from multiple field-upgradeable configuration options, including U configurations that optimize floor space and operator convenience

- Tailor your solution with three options for MICR printing

- Raise the quality of images and grayscales with enhanced halftones on certain monochrome models

- Expand color options with PANTONE PLUS certification

- Utilize an ink management suite for job cost estimates, ink optimization, and monitoring actual ink usage

- Achieve high throughput using diverse papers

InfoPrint 5000 General Production Platform (GP)

Expand color offerings with confidence

The InfoPrint 5000 GP is designed as a midrange volume solution for environments with varying requirements that may include tight print windows, diverse media and stringent color quality.

The GP models support a range of speeds, and all are field upgradeable. Track operational aspects of the InfoPrint 5000 through powerful tools such as InfoPrint Productivity Tracker and InfoPrint Ink Suite, a set of ink management tools. Expand color possibilities with PANTONE® PLUS certification, and an ever-increasing range of supported media types.

The built-in AFP architecture, which is designed for high-speed printing, can provide accurate, consistent, device-independent output with page-level error recovery for monochrome and color output.

Customize your solution with MICR

Opt for integrated or on-demand MICR with color or monochrome, available from innovative model pairings of specific GP and InfoPrint 5000 Multi-Purpose Platform (MP) models. One configuration provides on-demand MICR with color in Adobe® PDF/ PostScript® environments, using a new feature for specified color support. Another configuration provides monochrome with On-Demand MICR in AFP environments, using the Intelligent Printer Data Stream™ (IPDS™), in a compact footprint that delivers very high throughput.

Another configuration combines two GP color engines and a third engine, such as the InfoPrint 5000 MP MICR. This space-optimizing U configuration features face-to-face displays to maximize operator convenience.

Broaden media handling capability

GP models support high throughput with excellent media handling capabilities. Many stocks can be run at 96 meters per minute, instead of a lower speed, as a result of adjustments in ink drying time.

Some specialty papers that are heavy, light, treated or coated may need extra drying time. For these jobs, consider adding the optional Extended Media Dryer feature. With this field upgrade, you can attract new clients who are looking for high-quality digital book production, customer communications, Precision Marketing, direct mail and other applications. The Extended Media Dryer feature works with printers using pigment or dye inks, so customers using either ink can diversify offerings and meet a wide range of requirements.

The Extended Media Dryer feature minimizes energy consumption in two ways. InfoPrint 5000 inks contain less water than many other inks so less energy is required to remove moisture. In addition, the dryer runs in on-demand mode for special applications and media types, unlike dryers that run full time for all papers.

Produce outstanding halftones

Images and grayscales in complex jobs, like books, can pose a quality challenge, especially when light tints are involved. Enhanced halftones on the GP KM3 monochrome model improve halftone quality while the printer is running at top speed.

InfoPrint 5000 General Production Platform (GP)	

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AS1: Full-color simplex printing up to 210 feet/min or 64 meters/min.
AS3: Full-color simplex printing up to 420 feet/min or 128 meters/min.
AD1/AD2: Full-color printing up to 210 feet/min or 64 meters/min.
Available with integrated MICR.
AD3/AD4: Full-color printing up to 420 feet/min or 128 meters/min.
AD3/AD4 + XR3: Full-color printing up to 420 feet/min or
128 meters/min with on-demand MICR
KM3/MD4: Monochrome printing up to 420 feet/min or 128 meters/min
with on-demand MICR
	• General production platform with field-upgradeable speed
	• Optional integrated and on-demand MICR
	• Accommodates diverse applications from books to bills
	• GP models AD1/AD2 and AD3/AD4 support face-to-face "U" configuration,
	  which saves floor space and enables easy operator access to printer displays
	• GP models AD1/2 and AD3/4 (at speeds up to 210 feet/min) support the
	  Extended Media Dryer feature, which enables the use of heavier, lighter,
	  treated and coated stocks with pigment and dye inks
	• Enhanced halftones on GP model KM3, excluding MICR

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InfoPrint 5000 General Production Platform (GP) at a glance

	InfoPrint 5000 GP	InfoPrint 5000 MP	InfoPrint 5000 VP
Models	AS1 AS3 AD1/AD2 AD3/AD4 AD3/AD4 + XR3 KM3/MD4	MC1/MC2 MD3/MD4 XR3	VP Color VC5/VC6 VP Color VC7/VC8
Speed	Up to 420 feet/min, 128 meters/min	Up to 420 feet/min, 128 meters/min	Up to 722 feet/min, 220 meters/min
2-up Duplex Throughput	Up to 1,832 ltr imps/min 1,724 A4 imps/min	Up to 1,832 ltr imps/min 1,724 A4 imps/min	Up to 3,148 ltr imps/min 2,960 A4 imps/min
Maximum Resolution	720 × 720 dpi	720 × 360 dpi	720 × 360 dpi
Exclusive Imaging Technology	2 bits per spot Stochastic screening, 1,440 dpi effective resolution Dynamic variable drop size for every point on a page		
Compatible Inks	CMYK pigment CMYK dye MICR	CMYK dye MICR	CMYK dye
Finishing	Multiple partners provide a variety of un-wind, rewind, cut, fold, dynamic perfora-tion, vision systems and inline processing, including a solution for books	Multiple partners provide a variety of un-wind, rewind, cut, fold, dynamic perfora-tion, vision systems and inline processing, including a solution for books	Multiple partners provide a variety of un-wind, rewind, cut, fold, dynamic perfora-tion, vision systems and inline processing, including a solution for books
Web Width	6.4 in./165 mm to 20.4 in./520 mm paper	6.4 in./165 mm to 20.4 in./520 mm paper	6.4 in./165 mm to 20.4 in./520 mm paper
Supported Configurations	All models support I and L configurations AD1/AD2 and AD3/AD4 also support U (face-to-face) configuration, with two GP engines or with two GP engines and a third engine, such as MICR	All models support I and L configurations Certain MP models support U configuration	All models support I and L configurations

For more information

To learn more about the InfoPrint 5000 family, contact your Ricoh production print specialist or visit: infoprint.com

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