

High-quality, wide-format process-color for enhanced print-on-demand applications and variable content publishing.



IBM InfoPrint Color 100 Full-Color Digital Printer

The premiere solution for on-demand printing, the IBM® InfoPrint® Color 100 incorporates all of the print quality and productivity enhancements of the InfoColor™ 70, and more. The IBM InfoPrint Color 100 features a full 18.7" print width and the added productivity of up to 105 full-color impressions per minute, making it ideal for the demands of the rapidly expanding digital color printing market.

A standard 64GB Collator provides a high-speed variable data solution capable of handling the most complex requirements. And a wider format opens the door to new, previously untapped digital printing markets for applications such as posters, banners and multi-page booklet signatures.

Wider, Faster, Smarter

The IBM InfoPrint Color 100 prints up to 105 full-color impressions-per-minute, the equivalent of up to 6,300 letter-size images per hour. The ability to produce high-quality, 4-up duplex signatures, on-demand, makes the IBM InfoPrint Color 100 a cost-effective solution for traditional offset applications, and a wide variety of high-value business documents.

The InfoPrint Color 100's automated management software controls output quality with minimal operator intervention. New, dual 400 MHz Intel Pentium II processors dynamically control simultaneous RIP and printer functions up to an average of 1.4 times faster than the InfoColor 70 and up to 2.4 times faster for individual jobs. An automated density and registration control dramatically improves print quality and reduces operator error, saving time and money.

Variable Data Support

The ability to customize and personalize printed material has long been an attractive promise of digital printing technology.

One-to-one marketing, promotional printing and customized forms are just a few of the high-volume opportunities available to today's digital printer. The IBM InfoPrint

Color 100 offers an attractive opportunity for direct-mail houses and other one-to-one marketing organizations seeking to capitalize on the added value of longer "print runs of one."

This degree of variability means more effective marketing communications, better relationship building, and ultimately, the potential to generate more revenue per customer.

IBM's variable data creation tools allow customers to choose from most popular industry software applications such as Adobe® PageMaker® and QuarkXPress®. These programs enable users to quickly and easily merge any database, such as prospect mailing lists, with color graphics and images, to produce personalized documents in a single pass. IBM leaves the variable data separate from the master data until the job is ready to be printed. This process results in a more efficient workflow capable of handling the most demanding full-color personalized printing requirements.

InfoPrint Color 100 and 64GB Electronic Collator

The IBM InfoPrint Color 100 Printer and Collator offer an efficient solution to the processing demands of digital printing with advanced capabilities such as electronic collation of long documents and robust variable data processing. With 64GB of spool disk storage, 2,000 to 20,000 pages (depending on content) can be stored in a compressed format.

The InfoPrint Color 100 Collator extends variable data capabilities to the entire page, allowing 100% of each printed page to be completely different, independent of page content and at full-rated speed.

Highlights:

- **Up to 105 full-color impressions-per-minute (ideal for duplex printing)**
- **New, dual 400 MHz Intel Pentium II processors increase RIP speed**
- **Extensive variable data capabilities**
- **Enhanced cross-web registration and paper conditioning for optimal print quality**
- **Large 18.7" image area on a 20" paper width**
- **Automated registration and density control for greater ease-of-use**



Advanced Technology and Automation

The IBM InfoPrint Color 100 utilizes dry toner technology to produce consistent toner density in full color on a wide variety of paper stocks. The printer achieves enhanced image resolution using LED arrays with variable light levels per dot, per color.

IBM's patented dynamic toner saving feature reduces toner usage by as much as 35% when printing four-color images. Unique, IBM-developed SWOP and EuroScale lookup tables save time by enabling automatic color matching. An automated density control streamlines time-consuming operator adjustments that are key to high-quality, consistent color printing. An automated registration system complements this feature to further improve the ease of operation.

The IBM InfoPrint Color 100 also offers a new cross-web registration feature that provides consistent image-to-web alignment. The integrated Gloss Enhancement Module (GEM) and new paper conditioning system support a broader range of substrates, while improving image quality.

IBM Supplies, Service and Support

IBM InfoPrint Color 100 supplies can be ordered through local supplies dealers. Please call 1-800-358-5835 for a list of dealers near you. For more information, visit the IBM Supplies Web page at <http://www.printers.ibm.com/supplies>.

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IBM InfoPrint Color 100 Full Color Digital Printer at a glance

Print Speed	Up to 105 letter impressions-per-minute			
Usage	Maximum 700,000 impressions-per-month ¹			
RIP Configuration	RIP memory	320 MB		
	RIP memory expansion	128 MB		
	RIP DASD	9.1 GB		
	RIP DASD maximum	27.3 GB		
	RIP Controller	400 MHz		
Paper Characteristics	Web-fed, roll input: — 60 gsm to 250 gsm— 22 lb. to 92 lb. cover — 16 lb. to 66 lb. bond— 41 lb. to 169 lb. text — 19.7" to 20" (500 to 508 mm) width — Coated or uncoated media — See IBM InfoPrint Color 100 Print Media Guide Output stacker/jogger: — Variable length, cut-sheet delivery — Output lengths from 11" (279 mm) to 39.37" (1,000 mm)			
Maximum Print Image Area	Width: 18.7" (475 mm)			
System Attachments	Token-Ring, Fast Ethernet, (EtherTalk, IPX and TCP/IP protocols)			
Data Stream Support	PostScript® Level 2			
Physical Characteristics Component	Height inch (mm)	Width inch (mm)	Depth inch (mm)	Weight lb. (kg)
Paper Supply	48 (1,200)	39 (980)	40 (1,004)	627 (285)
Print Tower	90 (2,280)	64 (1,620)	70 (1,760)	2,475 (1,125)
Output Jogger	23 (590)	39 (985)	24 (610)	99 (45)
Console	92 (2,350)	99 (2,480)	52 (1,320)	110 (50)
Cooling Unit	20 (500)	19 (480)	46 (1,160)	218 (99)
Collator	29 (730)	20 (511)	43 (1,098)	478 (217)
Options	— Additional RIP DASD — Additional RIP memory — Token-Ring — Ethernet 10Base2			
Power Requirements	208-240V, 3 phase, 60 Hz, 50 amp 380-415V, 3 phase, 50 Hz, 40 amp Power Consumption: 18.5 kVA			
Environmental Conditions	Optimal temperature and humidity ranges: Humidity: 27% to 62% RH at 68°F to 28% to 53% RH at 77°F Temperature: 68°F (20°C) to 77°F (25°C) Acceptable temperature and humidity ranges: Humidity: 15% to 65% RH at 59°F to 25% to 50% RH at 77°F Temperature: 59°F (15°C) to 86°F (30°C) Acoustics: 71 dBA/71 bels			

¹IBM does not recommend reaching this monthly maximum on a consistent basis.

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