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

IBM

IBM Infoprint Color 100 Full-Color Digital Printer

Highlights

Up to 105 full-color impressions per minute (ideal for duplex printing)

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

Collator extends variable data capabilities by allowing 100% of each page to be customized

Unique, IBM-developed SWOP and Euroscale lookup tables save time by enabling automatic color matching

The IBM® Infoprint® Color 100 is ideal for the demands of the rapidly expanding digital color printing market. A standard 64GB Collator provides a high-speed variable data solution. A wider format opens the door to new untapped digital printing markets for applications such as posters, banners multi-page booklet signatures.

Wider, faster, smarter

The IBM Infoprint Color 100 prints up to 105 full-color impressions per minute (up to 6,300 letter-size images per hour). The ability to produce high-quality, 4-up duplex signatures, on-demand, makes this printer cost-effective for traditional offset applications and high-value business documents.

Automated management software controls output quality with minimal operator intervention. An automated density and registration control improves print quality and reduces operator error, saving time and money.

Variable data support

Customization and personalization of printed material is the promise of digital printing technology. This degree of variability means more effective marketing communications, better relationship building, and ultimately, the potential to generate more revenue per customer.

The Infoprint Color 100's variable data creation tools allow customers to choose from popular software such as Adobe® PageMaker® and QuarkXPress™, enabling the merging of prospect mailing lists with graphics and images to produce personalized documents in a single pass.

The Infoprint Color 100 produces high-quality, effective color documents, including advertisements, textbooks and other personalized printed materials.

Advanced technology and automation

The IBM Infoprint Color 100 utilizes dry toner technology to produce consistent toner density on a wide variety of paper stocks. IBM's patented, dynamic toner-saving feature can reduce toner usage by as much as 35% when printing four-color images. Automated features, including density control, registration and color matching, improve ease of operation and save time, while enabling high-quality and consistent color printing. The printer also offers cross-web registration to provide consistent image-to-web alignment.

IBM service and supplies

Maximize the performance of your printer by relying on superior IBM service and genuine IBM printing supplies. Global and comprehensive service is available 24 hours a day, 365 days a year. Call 1-800- 358-6661 for more information. Supplies can be ordered from local dealers; contact IBM at ibmprint@us.ibm.com

For more information

Call our Printer Selection Center at 1-800-358-6661, Option 3.

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 128MB RIP DASD 9.1 GB RIP DASD maximum 27.3 GB RIP Controller Dual 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/SPX, NetBEUI and TCP/IP protocols)
Data Stream Support	PostScript® Level 2

Physical Characteristics	**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)
Operator Console	30 (750)	71 (1,800)	40 (1,000)	423 (193)
Cooling Unit	20 (500)	19 (480)	46 (1,160)	218 (99)
RIP Controller	20 (490)	8 (200)	18 (450)	45 (20)

Options	— Additional RIP DASD — Additional RIP memory — Token-Ring — Ethernet AUI
Power Requirements	208–240V, 3 phase, 60 Hz, 50 amp 280–415V, 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/7.1 bels

[1]IBM does not recommend printing this monthly maximum on a consistent basis.

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G544-5651-02