

# IBM InfoPrint Color 100

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IBM InfoPrint Color 100

Not-New

For the most part structurally identical with Xeikon DCP 50D but with an IBM RIP.

Digital printing machine up to the format of 47,5 x 110cm Duplex with 8 color printing units.

The machine will be delivered with a Barco PrintStream. The PrintStream is a spooler, which allows the sequential print of compiled products. Furthermore is it possible to connect elements of text- and image databases into the colored pages. This gives the opportunity to print a variety of information.

Under 450.000 prints

Technical data of the InfoPrint Color 100

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

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<sup>1</sup>

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 Width Depth Weight

inch (mm) inch (mm) inch (mm) 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°

Barco Graphics ships 1000th PrintStream<sup>er</sup> for digital printing engines

From: <http://www.barco.com/corporate/en/pressreleases/show.asp?index=167>

Four years ago, we shipped our 100th PrintStream<sup>er</sup>; today, we are shipping the 1000th.

During all these years, Barco has clearly maintained its position as one of the forerunners of personalized digital printing.

"The PrintStream<sup>er</sup> is considered to be a must for anybody who wants to achieve efficient production on a Digital Color Press", says Christian Verbrugghe, Manager Digital Printing, "we conceived PrintStream<sup>er</sup> 2 as a modular, open concept to support different press architectures on the back-end and different RIPs and applications on the front-end. This unique and scalable "press server" concept has become the de facto standard for most of the major digital color presses."

"With a third generation of the PrintStream<sup>er</sup> coming , we are confident to stay in the driver's seat", he continues.

The 1000th PrintStream<sup>er</sup> is sold to Xeikon, but "it is clear that we would never have achieved this success without the support of all our customers and OEM partners, such as Xeikon, IBM and Xerox", adds Jef Bogaerts, OEM Manager Digital Printing.

## PrintStream<sup>er</sup>

The PrintStream<sup>er</sup> is a giant buffer between Barco Graphics' FastRip/X and the digital press, enabling electronic collation, page picking and unlimited variable data printing. This unique device allows operators to drive the productivity of the digital press to the maximum and really exploit the features of digital printing.

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**Brakensiek Systemhaus  
GmbH & Co. KG**  
**Klönnestraße 94**  
**D-44143 Dortmund**

**[www.brakensiek.com](http://www.brakensiek.com)**

 **+49(0)231.985-00 10**

 **+49(0)231.985-2000**

**BRAKENSIEK®**  
**SYSTEMHAUS**

**Tim Brakensiek**