

High-speed, high-quality digital printing
and duplicating



Infoprint 2000 Multifunctional Production System



Highlights

- **Up to 110 ipm print speed at 600 dpi resolution**
- **Functions as a printer, duplicator, or both**
- **Advanced scan capability with easy-to-use Big Green Button**
- **Up to 8000-sheet input capacity and output capacity**
- **Capability of intermixing colour documents with monochrome printing.**

As the demand for up-to-date printed information increases, so does the demand for reliable, high-volume production solutions. Whether you're responsible for an in-house reprographics centre, a large office workgroup, or a pay-per-page print shop, you need high-speed, high-quality printing and duplicating at a competitive cost.

The IBM Infoprint® 2000 Multifunctional Production System prints up to 110 impressions per minute (ipm). It is a cut-sheet, multifunctional printer that provides all of these benefits and a set of features that you can configure to meet your organisation's unique production requirements.

Enhance productivity and quality

Imagine complex jobs that run at close to rated speed, superior halftones and robust collation and stapling that require minimal operator intervention. The feature-rich, fine-tuned Infoprint 2000 sets a new standard for high-speed, benchmark-quality printing:

- *Electronic, system-based data storage and management*
- *Variable intensity printhead*
- *High-resolution "Write Black" imaging technology*
- *Short, straight paper path*
- *Vacuum feed adjustment for paper weight*
- *Active registration*
- *Automated image quality adjustment*
- *Trayless duplexing.*

Multipurpose capability equals increased flexibility

The Infoprint 2000 Multifunctional Production System can function as a stand-alone printer, a full-function duplicator, or both. The system can be customised by adding optional features, allowing you to expand your print production options without risking equipment redundancy or unnecessary investment.

Infoprint Scan 2000, the system's production scanner with enabling software, offers a simple, copier-like user interface with a touch-sensitive screen, traditional copier features and the familiar Big Green Button. With Infoprint Scan 2000, you can store digital images and documents in digital format and convert hard copy to PDF format. This solution offers sophisticated digital prepress capabilities and an easy-to-use interface.

High volume, low cost

With the Infoprint 2000, there's no need to sacrifice productivity for versatility. The Infoprint 2000 is a high-volume workhorse capable of handling up to 2,000,000 impressions per month.¹ It accepts stock weights ranging from 16 lb. bond to 110 lb. index. Trayless duplexing and a straighter, shorter paper path result in benchmark paper handling for fewer jams, whether you're using letter, A3 or ledger paper. In short, you can count

on fast, reliable output day in and day out, all for a cost-per-copy that compares favourably with competitive document production systems.

Do more with IBM Infoprint Manager

Combined with Infoprint Manager, the Infoprint 2000 offers tremendous scalability, adaptability and flexibility. Additional benefits include job routing, as well as remote job management and library access via the Web.

As with any Infoprint system, it can be "front-ended" by IBM Infoprint Manager or integrated into an existing Infoprint-managed environment for high-volume print management across multiple printers. When operated in conjunction with Infoprint Manager, this digital reprographics solution allows users to print, store, fax and e-mail information.

Reliability backed by IBM service and support

In addition to the standard warranty, preventive maintenance and remote diagnostics offered with the Infoprint 2000, IBM offers comprehensive, global service and support with optional 24x365 coverage. Contact your local IBM Printing Systems representative for details.

For additional information

To learn more about the Infoprint 2000, contact your local IBM sales representative or visit the Printing Systems Web site at ibm.com/printers

Hardware Components

System Control Subsystem (printer controller)

- SUN Ultra 10
- 9.1 GB hard disk
- 3.5" 1.44 MB Floppy Disk Drive
- 10/100 Ethernet Interface
- 440 MHz
- 4/8 GB Tape Drive
- MIP Interface Board
- Modem 56 KB (Remote Diagnostics)
- 128 MB RAM
- 32x CD-ROM
- Ethernet Hub

Marking Image Processor (MIP)

- 512 MB RAM
- SCS/Marking Engine Interface

Marking Engine

- Electrophotographic/LED
- Small Particle Development
- Grayscale Resolution Enhancement Technology
- Heat Fusing

Print Speed Per Minute (up to) —110 impressions per minute (A4/letter, legal), 55 impressions per minute (11 x 17/A3)

Usage (max/mo. in millions) —Up to 2 million 8.5 x 11 impressions per month¹

Paper Handling

- Standard input capacity** —Two 1000-sheet trays
- Optional paper supply module** —Two 1000-sheet trays
- Optional post fuse inserter input module** —Two 1000-sheet trays
- Standard output capacity** —One 500-sheet top tray exit
- One 3000-sheet stacker with stapling capability (up to 102 sheets)
- Optional output high-capacity stacker** —One 5000-sheet stacker (face-down delivery with straight or offset stacking)

Media Sizes

- 210 mm x 297 mm (A4)
- 420 mm x 297 mm (A3)²
- 8 x 10 (letter)
- 8.5 x 11 (standard letter)
- 9 x 12 (manual)
- 14 x 17 (ledger)²
- 225 mm x 297 mm (A4 tab)
- 430 x 305 mm (RA3)²
- 8.5 x 10 (letter)
- 8.5 x 14 (legal)
- 9 x 14 (legal tab)
- 12 x 18 (ledger)³
- 215 mm x 305 mm (RA4)²
- 8 x 10.5 (letter)
- 9 x 11 (letter tab)
- 11 x 17 (standard ledger)²
- 14 x 18 (ledger)³

Media Types/Weights

- 75 g/m² to 200 g/m²
- Xerographic bond, rag bond, ledger grain long, dual purpose, cover stock, recycled and short/long grain stocks

Booklet Maker (optional)⁴

Features

- Double stitching: 2–22 sheets (75 g/m² 8.5 x 11 or 11 x 17 sheets, A3/A4)
- Center folding: 8.5 x 11 to 8.5 x 5.5 (or) 11 x 17 to 8.5 x 11, A3/A4
- Trimming: adjustable edge trimming
- Conveyor belt delivery
- Stitching Wire Spools (approx. 50,000 stitches)

Environmental Conditions

- Permitted ranges:** —Temperature—15.5° C to 32.2° C, Humidity—5% to 90% RH
- Optimal ranges:** —Temperature—21.1° C, Humidity—50% RH
- Acoustics** —85 dbA (operating), 73 dbA (idle)

Communication Protocols

- TCP/IP (ftp, udp, lpr, dqp, lprsend)
- IPX/SPX (Nprinter, Rprinter, Pserver)
- EtherTalk
- NetBEUI

Print Language Support

- Standard** —PostScript[™], PCL, PDF
- With Infoprint Manager** —AFPDS, line data, Ditroff, PostScript, PCL, PDF, GIF, JPEG, TIFF
- With M.I.S. Print** —LCDS/Metacode

Print Drivers

Windows[™] 95/98/ME PCL Driver, Windows 95/98/ME Driver (PPD), Windows NT[™]/2000 PCL Driver, Windows NT/2000 PS Driver, Macintosh PostScript Driver (PPD)

Print File Downloader

Submits print-ready files for Windows 95/98/ME/NT/2000, Macintosh (System 7 or later)

Physical Characteristics	(sizes & weights)			
	Height	Depth	Length	Weight
Marking Engine	163 cm	120 cm	171 cm	567.3 kg
Finisher	157 cm	87 cm	54 cm	294.7 kg
MIP	66 cm	51 cm	46 cm	54.4 kg
Paper Supply Module	115 cm	84 cm	79 cm	247.4 kg
High Capacity Stacker	126 cm	79 cm	85 cm	203.7 kg
Booklet Maker ⁴	148 cm	59 cm	158 cm	439.8 kg
			229 cm w/conveyor	
Post Fuse Inserter	150 cm	84 cm	79 cm	247.4 kg
Control Unit Enclosure ⁵	118 cm	88 cm	60 cm	81.9 kg

Power Requirements	Marking Engine/Paper Supply/Finisher
	—AC Power —50 Hz, 380-415 volts, 16 amps
	Stacker
	—AC Power —50 Hz, 230 volts, 4 amps
	Booklet Maker
	—AC Power —50 Hz, 230 volts, 7 amps
	Convenience Outlet #1 (scanner, scan workstation, scan monitor)
	—AC Power —50 Hz, 230 volts, 10 amps
	Convenience Outlet #2 (SCS, hub, SCS monitor, modem)
	—AC Power —50 Hz, 230 volts, 10 amps

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- ¹ IBM does not recommend reaching this monthly maximum on a consistent basis.
- ² Only for use in the middle and lower drawers of the standard paper supply module, the optional paper supply module, and the post fuse inserter.
- ³ Only for use in the middle drawers of the standard paper supply module, the optional paper supply module, and the post fuse inserter.
- ⁴ Requires High Capacity Stacker option.
- ⁵ Not currently available; please contact your sales representative to ascertain availability.

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