

*High-speed, high-quality digital  
printing and duplicating.*



# Infoprint 2000 Multifunctional Production System

---

## Highlights

---

**Customizable high-volume  
production solution**

**Up to 110 ppm print speed at  
600 dpi resolution**

**Functions as a printer, a duplicator,  
or both**

**4,000-sheet standard  
feed capacity**

**Competitive cost per copy**

**Built-in support for remote  
diagnostics**

**Continuous run while reloading  
paper supply module**

## Combines speed, capacity and print quality

The Infoprint 2000 offers an outstanding combination of speed, capacity and resolution in a black-and-white, cut-sheet printer. At up to 110 ppm and 600 dots per inch (dpi) it's fast and offers superior output quality. Grayscale Resolution Enhancement Technology (GRET) produces 64 shades of gray, resulting in crisper, clearer halftones, as well as accurate reproduction of fine lines and small fonts.

The capacity of the Infoprint 2000 rivals other printers on the market as well. A paper input module with three drawers that hold up to 4,000 sheets is standard, and an optional input drawer increases total capacity to up to 8,000 sheets. The in-line finisher provides single or dual stitching and can stack up to 3,000 sheets of 20 lb. paper stock.

## Multipurpose capability equals increased flexibility

A truly multipurpose system, the Infoprint 2000 can function either as a printer or a stand-alone, full-function duplicator—or both. There are three base models available, each of which can be configured to meet the specific functional requirements of your environment. The printer can be customized by adding optional features, allowing you to expand your print production options without risking equipment redundancy or unnecessary investment.

Model RP1 is a high-speed, multifunctional digital duplicator with upgradable features, including network connectivity. It is ideal for both corporate reprographics centers and print-on-demand retail shops. Infoprint Scan 2000 offers a simple copier-like user interface with a touch-sensitive screen, traditional copier features and the familiar

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 center, 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 pages per minute (ppm). 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 organization's unique production requirements.



## *It's not about the document, it's about your information.*

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.

### *RP1 standard features:*

- 4000-sheet paper input capacity
- duplex printing capability
- in-line finishing and stapling
- System Control Subsystem (SCS) with high-speed raster image processor (RIP) and electronic job buffering
- production scanner with automatic document feed and Infoprint Scan 2000<sup>1</sup> which includes SCSI card
- easy-to-use graphical interface for copying capabilities including the familiar Big Green Button<sup>1</sup>
- a preinstalled modem to enable remote diagnostics

### *RP1 options:*

- additional paper feed with 4,000-sheet capacity, bringing total input capacity to 8,000 sheets
- high-capacity stacker with 5,000-sheet capacity
- Signature Booklet Maker for saddle stitching, stapling, folding and face trimming
- network (Ethernet) and channel connectivity
- Xerox<sup>®</sup> data stream enablement (LCDS/Metacode)

Model NP1 is a high-speed PostScript, PCL and PDF network printer with upgradable features that include production copying capabilities. It is ideal for large office workgroups and data center environments where PostScript and PCL are the predominant data streams.

The NP1 can be used as a stand-alone, cut-sheet production network printer providing exceptional halftone and graphics quality.

### *NP1 standard features:*

- 4000-sheet paper input capacity
- duplex printing capability

- in-line finishing and stapling
- SCS with high-speed raster image processor (RIP) and electronic job buffering
- network (Ethernet) connectivity
- a preinstalled modem to enable remote diagnostics

### *NP1 options:*

- additional paper feed with 4,000-sheet capacity, bringing total input capacity to 8,000 sheets
- high-capacity stacker with 5,000-sheet capacity
- production scanner with automatic document feed and Infoprint Scan 2000<sup>1</sup> which includes SCSI card
- easy-to-use graphical interface for copying capabilities including the familiar Big Green Button<sup>1</sup>
- Signature Booklet Maker for saddle stitching, stapling, folding and face trimming
- channel connectivity
- Xerox data stream enablement (LCDS/Metacode)

Model DP1 is a high-speed, cut-sheet production publisher. Ideal for use in data center environments where IPDS or LCDS and Metacode are the predominant production languages, it offers an attractive alternative to comparable digital publishing systems. The DP1 standard model can be configured with either an AFCCU, or Xerox data stream enablement with network connectivity and support for PostScript, PCL and PDF.<sup>2</sup>

### *DP1 standard features:*

- 4000-sheet standard capacity
- duplex printing capability
- in-line finishing and stapling
- a preinstalled modem to enable remote diagnostics

### *DP1 options:*

- additional paper feed with 4,000-sheet capacity, bringing total input capacity to 8,000 sheets
- high-capacity stacker with 5,000-sheet capacity
- Signature Booklet Maker for saddle stitching, stapling, folding and face trimming
- network (Ethernet) and channel connectivity

### **High volume, low cost**

With Infoprint, 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.<sup>3</sup> 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 favorably with competing document production systems.

### **Adapts to your existing workflow**

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<sup>4</sup>. 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**

The Infoprint 2000 Multifunctional Production System is backed by IBM service and support. An available standard service contract provides a 2 hour targeted response time and 24 x 7 x 365 access to services ranging from world-class hardware installation and maintenance to comprehensive software support.

### **For additional information**

To learn more about the Infoprint 2000, contact your local IBM sales representative or visit our Web site at [ibm.com/printers](http://ibm.com/printers)

## Infoprint 2000 Multifunctional Production System at a glance

<b>System Hardware Components</b>	<b>System Control Subsystem (printer controller)</b> <ul style="list-style-type: none"><li>— SUN Ultra 60</li><li>— 91 GB hard disk</li><li>— 3.5" 1.44 MB Floppy Disk Drive</li><li>— 10/100 Ethernet Interface</li></ul> <b>Marking Image Processor (MIP)</b> <ul style="list-style-type: none"><li>— 512 MB RAM</li></ul> <b>Marking Engine</b> <ul style="list-style-type: none"><li>— Imaging Process</li><li>— Small Particle Development</li></ul>	<ul style="list-style-type: none"><li>— 300 MHz</li><li>— 4/8 GB Tape Drive</li><li>— MIP Interface Board</li><li>— Modem 56 KB (Remote Diagnostics)</li><li>— 128 MB RAM</li><li>— 32 x CD ROM</li><li>— Ethernet Hub</li></ul> <b>SCS/Marking Engine Interface</b> <ul style="list-style-type: none"><li>— Electrophotographic/LED</li><li>— Heat Fusing</li></ul> <b>Grayscale Resolution Enhancement Technology</b>
<b>Print Speed Per Minute (up to)</b>	— 110 impressions per minute (letter/A4, legal), 55 impressions per minute (11 x 17/A3)	
<b>Usage (max./mo. in millions)</b>	— 2 million 8.5 x 11 impressions per month <sup>3</sup>	
<b>Paper Supply Module</b>	— (3) vacuum feed paper drawers (4,000 sheet total capacity) <b>Paper Supply Features</b> <ul style="list-style-type: none"><li>— Continuous run while loading</li><li>— LED indicators (Paper Level, Paper Size, In Use, Add Paper)</li><li>— Adding optional second paper supply module allows access to six different stocks</li></ul> <b>Capacities/Supported Paper Sizes</b> Drawer 1 <ul style="list-style-type: none"><li>— 1,000 sheets (20 lb.)</li><li>— 8.5 x 14 (legal)</li><li>— 8.27 x 11.69 (A4)</li></ul> Drawer 2 <ul style="list-style-type: none"><li>— 1,000 sheets (20 lb.)</li><li>— 8.5 x 14 (legal)</li><li>— 8.27 x 11.69 (A4)</li><li>— 16.54 x 11.69 (A3)</li></ul> Drawer 3 <ul style="list-style-type: none"><li>— 2,000 sheets (20 lb.)</li><li>— 8.5 x 14 (legal)</li><li>— 8.27 x 11.69 (A4)</li><li>— 16.54 x 11.69 (A3)</li></ul>	
<b>Supported Media</b>	<b>Paper Weights</b> <ul style="list-style-type: none"><li>— 16 lb. bond to 110 lb. index (60g/m2 to 200 g/m2)</li></ul> <b>Paper Types</b> <ul style="list-style-type: none"><li>— Xerographic Bond</li><li>— Rag Bond</li><li>— Ledger Grain Long</li></ul>	<ul style="list-style-type: none"><li>— Dual Purpose</li><li>— Cover Stock</li><li>— Short/Long Grain Stocks</li><li>— Recycled</li><li>— Transparency</li></ul>
<b>Finisher</b>	<b>Features</b> <ul style="list-style-type: none"><li>— Straight or offset stacking</li><li>— Unload while running</li></ul> <b>Finisher Capacities</b> <ul style="list-style-type: none"><li>— Top tray - 500 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)</li><li>— Finisher Stacker - 3,000 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)</li><li>— Stitcher - up to 100 sheets (20 lb. 8 x 11 to 8.5 x 14 sheets, A4)</li></ul>	<ul style="list-style-type: none"><li>— Single or double stitch (measured stitch)</li><li>— Face-down document delivery</li></ul>
<b>High Capacity Stacker (optional)</b>	<b>Features</b> <ul style="list-style-type: none"><li>— Capacity 5000 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)</li><li>— Face-down document delivery</li></ul>	<ul style="list-style-type: none"><li>— Straight or offset stacking</li><li>— Unload while running</li><li>— Removable cart</li></ul>
<b>Booklet Maker (optional)*</b>	<b>Features</b> <ul style="list-style-type: none"><li>— Double stitching - 2-22 sheets (20 lb. 8.5 x 11 or 11 x 17 sheets, A3/A4)</li><li>— Center folding - 8.5 x 11 to 8.5 x 5.5 (or) 11 x 17 to 8.5 x 11, A3/A4</li><li>— Trimming - adjustable edge trimming</li><li>— Conveyor belt delivery</li><li>— Stitching Wire Spools (approx. 50,000 stitches)</li></ul>	
*Requires High Capacity Stacker option		
<b>Environmental Conditions</b>	Permitted temperature and humidity ranges: Temperature—60° to 90° F (15.5° C to 32.2° C) Humidity—5% to 90% RH Optimal temperature and humidity ranges: Temperature—70° F, Humidity—50% Acoustics—85 dbA (operating), 73 dbA (idle)	
<b>Communication Protocols</b>	— TCP/IP- (ftp, udp, lpr, dqp, lpsend) — EtherTalk — IPX/SPX - (Nprinter, Rprinter, Pserver) — NetBEUI	
<b>Print Languages Support</b>	— Infoprint 2000 RP1 (networked) - PostScript 3, PDF, PCL6 — Infoprint 2000 NP1 - PostScript 3, PDF, PCL6 — Infoprint 2000 DP1 - IPDS <sup>2</sup> or LCDS/Metacode, PostScript 3, PDF, PCL6 — Infoprint 2000 with Infoprint Manager - line data, AFPDS, Dittroff, GIF, JPEG, PCL5/5E, PDF, PostScript, TIFF, and with SAP support: ABAP, OTF	

## Infoprint 2000 Multifunctional Production System at a glance (continued)

### Print Drivers

Windows® 3.1 (PCL5E), Windows 95/98 (PCL5E), Windows NT® 4.0 (PCL5E), Windows 3.1 Adobe® 3.1 PostScript Driver (PPD), Windows 95/98 Adobe 4.2 PostScript Driver (PPD), Windows NT (V4) Adobe 5.0 PostScript Driver (PPD), Macintosh LaserWriter 8.5.1 PostScript Driver

### Infoprint 2000 Print File Downloader

(submits print-ready files)

Windows 95/98, Windows NT V4, Macintosh (System 7 or later)

### Physical Characteristics (sizes & weights)

#### Marking Engine

Height 64 in. (162.6 cm)  
Depth 47 in. (119.4 cm)  
Length 67 in. (170.2 cm)  
Weight 1500 lb. (567.3 kg)

#### MIP

Height 26 in. (66 cm)  
Depth 20.5 in. (51 cm)  
Length 18 in. (45.7 cm)  
Weight 120 lb. (54.4 kg)

#### Stacker

Height 49.5 in. (125.7 cm)  
Depth 31.6 in. (78.7 cm)  
Length 33 in. (84.8 cm)  
Weight 450 lb. (203.7 kg)

#### Finisher

Height 61.5 in. (156.2 cm)  
Depth 34 in. (86.4 cm)  
Length 22 in. (53.3 cm)  
Weight 650 lb. (294.7 kg)

#### Paper Supply Module

Height 45 in. (114.3 cm)  
Depth 33.5 in. (83.8 cm)  
Length 31 in. (78.7 cm)  
Weight 545 lb. (247.4 kg)

#### Booklet Maker

Height 58 in. (147.2 cm)  
Depth 24 in. (58.4 cm)  
Length 62 in. (157.5 cm) (90 in. w/conveyor)  
Weight 970 lb. (439.8 kg)

### Power Requirements

#### Marking Engine/Paper Supply/Finisher

— AC Power — 60 Hz, 120/208-127/208 volts, 24 amps

#### Stacker

— AC Power — 60 Hz, 120 volts, 4 amps

#### Booklet Maker

— AC Power — 60 Hz, 120 volts, 10 amps

#### Convenience Outlet #1 (scanner, scan workstation, scan monitor)

— AC Power — 60 Hz, 120 Volts, 15 amps

#### Convenience Outlet #2 (SCS, hub, SCS monitor, modem)

— AC Power — 60 Hz, 120 volts, 15 amps

For information regarding 50 Hz support for the Infoprint 2000, please contact your sales representative.

<sup>1</sup> While this capability was not available initially, IBM intends to add a simple, copier-like user interface feature to the Infoprint Scan 2000. Please contact your sales representative to ascertain current availability status. Infoprint Scan 2000 requires a Windows NT workstation, which must be ordered separately.

<sup>2</sup> While this capability was not available initially, IBM intends to offer a version of the Infoprint 2000 supporting the Advanced Function Presentation (AFP) architecture's Intelligent Printer Data Stream. Please contact your sales representative to ascertain current availability status.

<sup>3</sup> IBM does not recommend reaching this monthly maximum on a consistent basis. The Infoprint 2000 has an anticipated average monthly print volume of up to 1.2 million impressions on a regular basis.

<sup>4</sup> Web access requires the Infoprint Manager for the Web offering and Professional Services.



© International Business Machines Corporation 1999

IBM Printing Systems Company  
Dept. HT7/001H  
P.O. Box 1900  
Boulder, CO 80301-9191

Printed in the United States of America  
06-99  
All Rights Reserved

IBM and Infoprint are registered trademarks of  
International Business Machines Corporation.

Windows and Windows NT are registered trademarks  
of Microsoft Corporation.

All other registered trademarks, trademarks and service  
marks are the property of their respective owners.

References in this publication to IBM products or  
services do not imply that IBM intends to make them  
available in all countries in which IBM operates.

Visit our home page at  
**ibm.com**/printers



G563-0113-00