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

IBM

Infoprint 2000 Multifunctional Production System

Highlights

***Customizable high-volume
production solution***

***Up to 110 ipm 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***

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
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 organization's
unique production requirements.

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 ipm 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

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, which includes SCSI card
- easy-to-use graphical interface for copying capabilities including the familiar Big Green Button
- 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 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, which includes SCSI card
- easy-to-use graphical interface for copying capabilities including the familiar Big Green Button
- 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.

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.[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 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[2]. 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 customizable, comprehensive global service and support including 24x365 coverage. Call (800) 358-6661, option 3, or 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

Infoprint 2000 Multifunctional Production System at a glance

System Hardware Components

System Control Subsystem (printer controller)

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

Marking Image Processor (MIP)

— 512 MB RAM	— SCS/Marking Engine Interface

Marking Engine

— Imaging Process	— Electrophotographic/LED	— Grayscale Resolution
— Small Particle Development	— Heat Fusing	Enhancement Technology

Print Speed Per Minute (up to)

— 110 impressions per minute (letter/A4, legal), 55 impressions per minute (11 x 17/A3)

Usage (monthly maximum)

— 2 million 8.5 x 11 impressions per month[1]

Paper Supply Module

— (3) vacuum feed paper drawers (4,000 sheet total capacity)

Paper Supply Features

— Continuous run while loading
— LED indicators (Paper Level, Paper Size, In Use, Add Paper)
— Adding optional second paper supply module allows access to six different stocks

Capacities/Supported Paper Sizes

Drawer 1

— 1,000 sheets (20 lb.)	— 8 x 10.5 (letter)	— 8.5 x 11 (letter)
— 8.5 x 14 (legal)	— 9 x 11 (tab)	— 9 x 12 (manual)
— 8.27 x 11.69 (A4)	— 8.86 x 11.69 (A4 tab)	

Drawer 2

— 1,000 sheets (20 lb.)	— 8 x 10.5 (letter)	— 8.5 x 11 (letter)
— 8.5 x 14 (legal)	— 9 x 11 (tab)	— 9 x 12 (manual)
— 8.27 x 11.69 (A4)	— 8.86 x 11.69 (A4 tab)	— 11 x 17 (ledger)
— 16.54 x 11.69 (A3)		

Drawer 3

— 2,000 sheets (20 lb.)	— 8 x 10.5 (letter)	— 8.5 x 11 (letter)
— 8.5 x 14 (legal)	— 9 x 11 (tab)	— 9 x 12 (manual)
— 8.27 x 11.69 (A4)	— 8.86 x 11.69 (A4 tab)	— 11 x 17 (ledger)
— 16.54 x 11.69 (A3)		

Supported Media

Paper Weights

— 16 lb. bond to 110 lb. index (60g/m^2 to 200 g/m^2)

Paper Types

— Xerographic Bond	— Dual Purpose	— Recycled
— Rag Bond	— Cover Stock	— Transparency
— Ledger Grain Long	— Short/Long Grain Stocks	

Finisher

Features

— Straight or offset stacking	— Single or double stitch (measured stitch)
— Unload while running	— Face-down document delivery

Finisher Capacities

— Top tray - 500 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)
— Finisher Stacker - 3,000 (20 lb. 8 x 11 to 8.5 x 14 sheets, A4)
— Stitcher - up to 100 sheets (20 lb. 8 x 11 to 8.5 x 14 sheets, A4)

High Capacity Stacker (optional)

Features

— Capacity 5000 (20 lb. 8 x 10.5 to 11 x 17 sheets, A3/A4)	— Straight or offset stacking
	— Unload while running
— Face-down document delivery	— Removable cart

Booklet Maker (optional)*

Features

— Double stitching - 2-22 sheets (20 lb. 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)

*Requires High Capacity Stacker option

Environmental Conditions

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)

Communication Protocols

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

Print Languages Support

— Infoprint 2000 RP1 (networked) - PostScript 3™, PDF, PCL6
— Infoprint 2000 NP1 - PostScript 3, PDF, PCL6
— Infoprint 2000 DP1 - IPDS or LCDS/Metacode, PostScript 3, PDF, PCL6
— Infoprint 2000 with Infoprint Manager - line data, AFPDS, Ditroff, 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.

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

[2] Web access requires the Infoprint Manager for the Web offering and Professional Services.

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