A cost-effective, high quality, continuous forms printing system

IBM

IBM Infoprint 3000 Advanced Function Printing System

Highlights

■ *High print quality—available with 480, 600 or 480/600 operator-switchable resolutions*

■ *Print speed up to 344 ipm two-up letter-size or 324 ipm two-up A4 in duplex mode*

■ *Total print solution including powerful control unit and advanced print and job management*

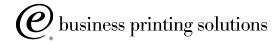■ *Runs in simplex, duplex and dual simplex*

High Print Quality

The Infoprint 3000 offers excellent production print quality. The printer uses an advanced double-dotting technique that allows it to accept 240 or 300 dpi data streams and print them at 480 or 600 dpi resolution in both simplex and duplex printing modes. Coupled with IBM's exclusive, edge-smoothing Print Quality Enhancement (PQE) technique, the Infoprint 3000 can provide significantly improved print quality compared to 240 and 300 dpi output. In addition, operators can control the fusing temperature from the console, enabling print quality optimization. The printer also accepts and prints native 600 dpi production print data streams.

Unique Price/Performance Point

The Infoprint 3000 delivers one of the highest levels of performance available in its price range. The printer is available in simplex and duplex models, and can operate in dual simplex mode. At speeds of up to 172 impressions per minute (ipm) in simplex mode, and up to 344 ipm in duplex mode, the Infoprint 3000 outputs consistent, high-quality statements, invoices, bills and policies. This cost-effective performance, in conjunction with the printer's low supply and maintenance costs, allows the Infoprint 3000 to offer a highly competitive Total Cost of Printing (TCOP).

Total Print Solution

The Infoprint 3000 is equipped with the IBM Advanced Function Common Control Unit™ (AFCCU™). This state-of-the-art controller gives operators the flexibility to switch between 480 and 600 dpi resolution, and supports native Intelligent Printer Data Stream™ (IPDS™). It also leverages the benefits of Advanced Function Presentation™ (AFP™), IBM's architecture that provides enhanced printing capabilities.

e *business printing solutions*

With optional Infoprint Manager offerings, you can also take advantage of a complete print and job management system for your production printing environment. Together, the AFCCU and Infoprint Manager offer unparalleled production printing reliability, manage-ability and functionality.

Standard and advanced pre- and post-processing interfaces provide added input and output capabilities beyond the traditional input source and output stacker. You can select options that are appropriate for your application needs so that productivity can be maximized.

For more information, contact your local IBM Printing Systems representative or call (800) 358-6661. You may also visit **ibm.com**/printers.

IBM Infoprint 3000 Advanced Function Printing System at a glance

For expanded specifications visit: **ibm.com**/printers/3000

Print Speed		Model ES1	Model ED1/ED2
	—1-up 8.5" x 11"	112 ipm	224 ipm
	—1-up A4	114 ipm	228 ipm
	—2-up 8.5" x 11"	172 ipm	344 ipm
	—2-up A4	162 ipm	324 ipm
Usage[1]	—1-up 8.5" x 11"	2.8 million	5.6 million
(maximum impressions	—1-up A4	3.0 million	6.0 million
per month)	—2-up 8.5" x 11"	4.4 million	8.8 million
	—2-up A4	4.0 million	8.0 million

Media	Model ES1	Model ED1/ED2
Paper width:	8" to 18" (203 mm to 457 mm)	9" to 18" (229 mm to 457 mm)
Paper weight:	16 lb. to 42 lb. (60 gsm to 157 gsm)	16 lb. to 28 lb. (60 gsm to 105 gsm)
Paper length:	7" to 14" (178 mm to 356 mm) standard	7" to 14" (178 mm to 356 mm) standard
	All models: 7" to 28" (178 mm to 712 mm) with pre- and post-processing options	
Paper types:	Preprinted to blank fanfold forms, roll-feed paper	

System Attachments	S/370™ parallel channel, S/390® ESCON® channel
	Token-Ring (TCP/IP) or Ethernet 10/100 BaseT (TCP/IP) or FDDI (TCP/IP)

AFP Software Support	PSF™/MVS®, PSF/VM™, PSF/VSE™, PSF for OS/400®, PSF for OS/390,
	Infoprint Manager for AIX, Infoprint Manager for Windows® NT and Windows 2000

Standard Features	Resolution: 480 or 600 dpi, 256-MB memory
	Pre-and post-processing interfaces, Touch Screen Operator Panel Display
	—S/370 parallel channel or S/390 ESCON channel or
	Token-Ring (TCP/IP) or Ethernet 10/100 BaseT (TCP/IP) or FDDI (TCP/IP)

Options	Switchable resolution: 480/600 dpi, Additional Pre- and Post-processing Interfaces
	256 MB additional memory, Performance Enhancement
	Advanced Function Post-processing Interface, Second attachment: S/370,
	ESCON, Token-Ring (TCP/IP) or Ethernet 10/100 BaseT (TCP/IP) or FDDI (TCP/IP)

Print Imaging Area Characteristics (per engine)	—Length: 82" (2,083 mm)	—Depth: 36" (914 mm)
	—Height: 56" (1,422 mm)	—Weight: 1,685 lb. (766 kg)

Power Requirements	208/220/230/240 VAC/60 Hz 3-phase 4-wire
	380/400/415 VAC/50 Hz 3-phase 5-wire
	200/220 VAC/50 Hz or 60 Hz 3-phase 4-wire
	Voltage determined by country standards

Environmental Conditions	Permitted temperature and humidity ranges:	
	—Temperature: 60.8° to 84.2°F (16° to 29°C)	—Humidity: 20% to 80% RH
	Optimal temperature and humidity ranges:	
	—Temperature: 65° to 75°F (18° to 24°C)	—Humidity: 40% to 60% RH
	Acoustics:	
	—60 Hz: 63 dBA (operating) or 54 dBA (idle)	
	—50 Hz: 63 dBA (operating) or 54 dBA (idle)	

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