

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



## IBM InfoPrint 3000 Advanced Function Printing System

If you're in the business of production printing, you demand a highly efficient, continuous forms printer that you can rely on. You must provide high-quality, on-time output consistently. However, in a competitive environment with tight budget control, you need a productive solution that fits your budget—as well as your existing physical space requirements.

The IBM® InfoPrint® 3000 Advanced Function Printing System offers high-quality print, reliability and a small footprint—all at a cost-effective price.

### 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 printer 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.

Since the InfoPrint 3000 accepts either 240, 300 or 600 dpi data streams, you can reduce your overall printing costs by eliminating redundant printers that were necessary to maintain this flexibility.

### 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 latest 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. A productivity enhancement option on the

### Highlights

- **High print quality—available with 480, 600 or 480/600 switchable resolutions**
- **Print speed up to 224 ipm one-up landscape and up to 344 ipm two-up portrait in duplex mode**
- **Cost-effective pricing with a competitive TCOP (Total Cost of Printing)**
- **High productivity with flexible connectivity options**
- **Total print solution including powerful control unit and advanced print and job management**
- **Runs in simplex, duplex and dual simplex modes**

printer console automatically arranges pages to emulate two, side-by-side sheets of cut-sheet paper to accommodate different post-processing requirements.

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.

With our 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, manageability and functionality.



## Advanced Function Printing

As a complete printing solution, the InfoPrint 3000 also features native support for IBM's industry-standard Intelligent Printer Data Stream™ (IPDS™) and leverages the benefits of Advanced Function Printing™ (AFP™). AFP is IBM's architecture that provides enhanced printing capabilities, including:

- Printing up to eight logical pages on a duplex sheet
- Printing vector graphics, compressed images and text anywhere on the page
- Printing with multiple character sets or fonts
- Application flexibility, including electronic forms and bar codes
- WYSIWYG viewing of the document, either before or after printing

## Maximize Your Investment

With speed and flexibility, the InfoPrint 3000 system's capabilities extend to meet your growing demands. The printer has a migration path from a simplex to a duplex system. And based on application needs, you have the flexibility to run a duplex system as two, independent simplex machines. Because the printer is so cost-effective, you can justify using the InfoPrint 3000 in multiple remote locations for a distributed production printing environment. You also can replace multiple, low-volume printers at each location with one InfoPrint 3000 that does the work of many.

In addition, the InfoPrint 3000 is ideal for use as a cost-effective backup printer to handle excess production print workload or function as the primary printer if existing printers are unavailable.

## IBM Service and Supplies

IBM offers a full range of services to meet your needs, from top-notch hardware maintenance to software support, all available 24 hours a day, 7 days a week, 365 days a year, worldwide.



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## IBM InfoPrint 3000 Advanced Function Printing System at a glance

Print Speed (up to)	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	
<b>Usage<sup>1</sup></b> (maximum impressions per month)	—1-up 8.5" x 11" —1-up A4 —2-up 8.5" x 11" —2-up A4	2.8 million 3.0 million 4.4 million 4.0 million	5.6 million 6.0 million 8.8 million 8.0 million
<b>Paper Capacities</b>	—Input: Up to 15.5" (394 mm) stack of paper —Output: Up to 12" (305 mm) stack of paper Pre- and post-processing interfaces allow additional capabilities		
<b>Media</b>	<b>Model ES1</b>	<b>Model ED1/ED2</b>	
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	
Paper types:	All models: 7" to 28" (178 mm to 712 mm) with pre- and post-processing options Preprinted to blank fanfold forms, roll-feed paper		
<b>System Attachments</b>	—S/370™ parallel channel —S/390® ESCON® channel —Token-Ring (TCP/IP) or Ethernet 10/100 BaseT (TCP/IP) or FDDI (TCP/IP)		
<b>AFP Software Support</b>	PSF™/MVS®, PSF/VM™, PSF/VSE™, PSF for OS/400®, PSF for OS/2®, PSF for AIX® and InfoPrint Manager		
<b>Standard Features</b>	—Resolution: 480 or 600 dpi —128-MB memory (simplex), 256-MB memory (duplex) —AFCCU —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)		
<b>Options</b>	—Switchable resolution: 480/600 dpi —Additional Pre- and Post-processing Interfaces —128 or 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)		
<b>Physical Characteristics (per engine)</b>	—Length: 82" (2,083 mm) —Depth: 36" (914 mm) —Height: 56" (1,422 mm) —Weight: 1,685 lb. (766 kg)		
<b>Power Requirements</b>	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 Power Consumption All Models —Sleep mode 1.2 kVA —Ready mode 1.75 kVA —Printing with 20 lb. paper 5.5 kVA with 42 lb. paper 6.5 kVA		
<b>Environmental Conditions</b>	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)		

<sup>1</sup>IBM does not recommend reaching this monthly maximum on a consistent basis.

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