

For printing at speeds up to 501 2-up ipm at either 240 or 300 dpi resolution.



IBM InfoPrint 4000 Advanced Function Simplex Printing System

The IBM* InfoPrint* 4000 Advanced Function Simplex Printing System is a high-speed, high-volume continuous forms printer that provides you with exceptional reliability, exceptional print quality and cost-effective printing. With this printing system, you can choose your resolution: 240, 300 or optionally switchable between 240 and 300 dots per inch (dpi).

Based on the proven IBM 3900 Advanced Function Printer technology, the system offers all-points-addressable printing in two models.

The first prints at speeds of up to 354 impressions per minute (ipm) for 2-up printing on 8.5 x 11 inch paper or up to 333 ipm for 2-up printing on A4 paper (8.33 x 11.67 inches). The second model prints at speeds of up to 501 impressions per minute (ipm) for 2-up printing on 8.5 x 11 inch paper or up to 472 ipm for 2-up printing on A4 paper (8.33 x 11.67 inches).

Application Flexibility

The IBM InfoPrint 4000 Simplex Printing System supports vertical and horizontal perf-to-perf printing with roll-feed paper. In addition and depending on the model, pinless roll-feed paper can be loaded for maximum efficiency and greater paper savings.

Bar codes and Optical Character Recognition (OCR) applications also are well suited to this simplex printer's ability to accurately register exact print placement on continuous forms.

Also, by combining the IBM Printing Systems Company's exclusive Page Positioning capabilities with the control unit, you can print up to four logical pages on a sheet. Each page can be a distinct size and sequenced, rotated, and positioned as you wish. This can be done easily outside of your application programs.

Leading Edge Controller

The new, more powerful Advanced Function Common Control Unit* (AFCCU*) uses IBM's recognized RS/6000* technology. The enhanced control unit gives you the flexibility of switching the resolution to either 240 or 300 dpi. This IBM exclusive moves high-production printers one step closer to the industry-wide, open-system objectives. Error recovery is another key function of the control unit. For example, paper jam recovery for the entire system including the post-processing equipment, is managed through the control unit.

Investment Protection

As your business changes, your printer can be changed to meet the new requirements. Currently installed IBM 3900 Wide printers can be upgraded to IBM InfoPrint 4000 Simplex Printing Systems. When your business needs duplexing or a different resolution, the modular design of the IBM InfoPrint 4000 Simplex Printing System

Highlights

- **Cost-effective, continuous-forms printing with 17-inch wide print line**
- **Available with 240, 300¹ or 240/300¹ switchable resolutions**
- **Speeds up to 501 two-up 8.5 x 11 inch or 472 two-up A4 impressions per minute depending on model**
- **Powerful control unit with advanced operator interface and flexible attachment capabilities**

allows upgrades to switchable resolutions and to the IBM InfoPrint 4000 Duplex System, protecting your initial investment.

Excellent Print Quality

The IBM InfoPrint 4000 Simplex Printing System provides leading edge print quality. Together the developer system and IBM's exclusive Print Quality Enhancement provide darker black fill, smoother edges, and boldness control. Both enhance the overall image you project with your documents.

Pre- and Post-Processing Capabilities

The pre- and post-processing interfaces provide added input and output capabilities beyond the standard input source and output stacker. By adding roll-feed input and automated output options, long print jobs can be printed with little operator



intervention. Depending on size, one roll can last up to six hours, which is ideal for a "lights out" environment.

Advanced Function Printing

The IBM InfoPrint 4000 Simplex Printing System takes full advantage of IBM's Advanced Function Printing* (AFP*) software to bring enhanced printing capabilities that include:

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

Summary

The IBM InfoPrint 4000 Simplex Printing System offers these key features and benefits:

- A choice of resolutions¹: 240, 300, or an option to switch between 240 and 300 dpi
- AFP capabilities, including compressed images and vector graphics
- High-quality, high-speed continuous-forms printing for high-volume applications
- Exceptional reliability
- Operator productivity enhancements such as the ability to add toner while printing
- Prints OCR and bar codes including Postnet**

This device is subject to the Federal Communications Commission Rules.

This product shall be verified to comply with the rules for Class A digital devices before final delivery to the buyer or centers of distribution.



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IBM InfoPrint 4000 Advanced Function Simplex Printing Systems at a glance

Print Speed (up to)	Model IS1	Model IS2
1-up 8.5" x 11"	229	324
1-up A4 ²	235	330
2-up 8.5" x 11"	354	501
2-up A4	333	472

Usage (max/mo. in millions)	Model IS1	Model IS2
1-up 8.5" x 11"	5.6	7.6
1-up A4	5.7	7.8
2-up 8.5" x 11"	8.7	11.6
2-up A4	8.2	11.0

Paper Capacities	Input: Up to 16" (406 mm) stack of paper	Output: Up to 14" (355 mm) stack of paper
	Pre- and Post-processing Interfaces allow additional capabilities	

Media	Width: 8" to 18"/203 to 457 mm
	Length: 7" to 14"/178 to 356 mm standard; Up to 28" (711 mm) with RPQ (additional memory required)
	Weight: IS1: 16 to 42 lbs. (60 to 160 gsm) IS2: 16 to 28 lbs. (60 to 107 gsm)
	Paper type: Preprinted or blank fanfold forms, roll feed paper, some labels

System Attachments	S/370* parallel channel S/390* ESCON* channel Token-Ring (TCP/IP) or Ethernet (TCP/IP) for AS/400*, PS/2* and RS/6000
AFP Software Support	PSF*/MVS*, PSF/VM*, PSF/VSE*, PSF for OS/400*, PSF for AIX*, PSF for OS/2*
Standard Features	Choice of resolution: 240 or 300 dpi ¹ Toner on the Fly 64 MB memory Enhanced Pre- and Post-processing Interface XGA Touch Screen Operator Panel/Display S/370, ESCON Channel, Token-Ring (TCP/IP), or Ethernet (TCP/IP) attachment
Options	Switchable resolution printhead ¹ Pre- and Post-processing Interface 32 or 64 MB additional memory Advanced Function Post-processing Interface Second attachment: S/370, ESCON, Token-Ring (TCP/IP), or Ethernet (TCP/IP) attachment Dynamic Two-Channel Switching with two S/370 or two ESCON Channel attachments
Physical Characteristics	Length: 92" to 94" (2,339 to 2,402 mm) Depth: 37" (930 mm) Height: 59" (1500 mm) Weight: 2,486 lbs. (1,128 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
Power Consumption (kVA 60 HZ/50 HZ)	Sleep Mode 1.75/ 1.75 Ready Mode 3.43/ 3.48 Printing with 28 lb. paper 12.4/ 12.0 with 20 lb. paper 10.6/ 10.3
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: 65 dBA (operating), 58 dBA (idle) 50 Hz: 65 dBA (operating), 57 dBA (idle)

¹IBM intends to provide 300 dpi and switchable capabilities for the IS2 model at a later date.

²ISO A4 at 8.33" x 11.67"

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