

Flexible, reliable and cost-effective printing for your direct mail operation.



IBM InfoPrint 4000 Direct Mail Printer

infoPrint
4000

Your customers are in the business of creating dynamic, impactful communications. They expect you to turn around their creations quickly, to deliver the highest quality direct mail pieces and to stay within their tight budget — no matter how complex the design or how exotic the stock. The IBM® InfoPrint™ 4000 Direct Mail Printer can handle a broad range of direct mail print jobs with ease, providing you with a solution that's flexible, reliable and cost-effective.

The IBM InfoPrint 4000 Direct Mail Printer offers high-speed, high-volume, continuous-forms printing with a 17-inch-wide print line. Based on the proven Advanced Function Presentation™ (AFP™) technology, the IBM InfoPrint 4000 Direct Mail Printer provides all-points-addressable printing at lightning speeds.

Flexible Paper Handling

The direct mail environment dictates flexibility in a wide range of paper media — from heavier stocks and forms (including forms sizes up to 18" x 17" standard and 18" x 28" using optional features) to less hefty paper weights. With enhanced operator controls, the IBM InfoPrint 4000 Direct Mail Printer puts you in complete control of the printing operation, enabling variable forms tension and fusing temperature control for improved paper path reliability. An optional "urge" unit assists in pulling

pre-spliced stacks of paper into the printer's paper path to achieve operational efficiency.

The Quality Your Customers Demand

Delivering high-quality direct mail pieces to your customers is paramount. IBM's exclusive Print Quality Enhancement feature, found in the InfoPrint 4000 Direct Mail Printer, provides darker black fill, smoother edges and boldness control to enhance the overall projected image of every document produced in your shop.

Leading-Edge Controller

The Advanced Function Common Control Unit™ (AFCCU™), based on IBM's proven RISC/6000® technology, offers additional attachment flexibility and improves performance for even the most complex jobs. Compressed images, graphics, outline fonts and printer-generated bar codes can be processed and rendered at very high speeds and at quality levels that your discerning customers expect.

Advanced Function Presentation

Taking full advantage of IBM's AFP software, the InfoPrint 4000 Direct Mail Printer provides enhanced printing capabilities that include:

Highlights

- **Exceptional reliability and cost-effective printing for direct mail operations**
- **Maximum paper path reliability with operator-controlled fusing temperature**
- **Superior forms handling, including light to heavy paper stocks and forms**
- **Speeds up to 354 simplex or 708 duplex two-up 8.5 x 11 inch impressions-per-minute**
- **Powerful control unit with advanced operator interface**

- Printing up to four logical pages on one physical page
- Printing vector graphics, compressed images and text anywhere on the page
- WYSIWYG viewing of the document with AFP Workbench

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 statement runs can be printed with little operator intervention. Depending on the size, one roll of paper can last up to six hours, ideal for a "lights out" environment.



Total Solutions

To meet the needs of your direct mail print production business, the IBM Printing Systems Company has designed solutions that complement the InfoPrint 4000 Direct Mail Printer, enhancing the products and services you deliver to your customers. The IBM InfoPrint Hi-Lite Color post processor enables you to selectively highlight information as well as print variable data in color to emphasize key areas of documents. With the InfoPrint Hi-Lite Color, you can place up to three highlight colors anywhere on a page; the customer can choose from 14 standard colors or specify custom colors to match their corporate identity.

To improve the manageability and efficiency of the print/mail process, IBM has created the Large Mailing Operations (LMO) solution, a service offering that allows you to produce mailings with outstanding quality and high productivity. By employing the LMO solution, throughput on equipment is optimized, mailing errors are minimized and the cost per finished piece is reduced.

Summary

The IBM InfoPrint 4000 Direct Mail Printer offers these key features and benefits:

- Special features for the direct mail industry, including fusing temperature selection by the operator
- 240/300 switchable printhead as an option
- Exceptional print quality and reliability
- U.S. Postal Service Postnet bar code printing certified
- Pre- and post-processing capabilities increase the flexibility of the total solution
- Toner-on-the-Fly feature enables continuous operation while adding toner



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IBM InfoPrint 4000 Direct Mail Printer at a glance

Print Speed (up to)	—1-up 8.5" x 11" —1-up ISO A4 —2-up 8.5" x 11" —2-up ISO A4	Duplex 458 ipm 470 ipm 708 ipm 666 ipm	Simplex 229 ipm 235 ipm 354 ipm 333 ipm
Usage (max./mo. in millions)	—1-up 8.5" x 11" —1-up ISO A4 —2-up 8.5" x 11" —2-up ISO A4	11.2 11.6 17.4 16.7	5.6 5.8 8.7 8.2
Paper Capacities	—Input: Up to 16" (406 mm) stack of paper —Output: Up to 14" (356 mm) stack of paper Pre- and Post-processing interfaces allow additional input and output capabilities		
Media	Duplex paper width: —9" to 18" (229 mm to 457 mm) Simplex paper width: —8" to 18" (203 mm to 457 mm) Paper length: —7" to 14" (178 mm to 356 mm) standard —17" (432 mm) with Post-processing —Up to 22" (558 mm) with RPQ (additional memory required) Paper weight: —16 lb. to 42 lb. (60 gsm to 160 gsm) simplex —18 lb. to 28 lb. (68 gsm to 107 gsm) duplex Paper type: —Preprinted or blank fanfold forms, roll-feed paper, some labels		
System Attachments	—System/390® ESCON® channel, System/370™ parallel channel —Token-Ring (TCP/IP) or Ethernet (TCP/IP) for AS/400®, PS/2® and RISC System/6000		
AFP Software Support	PSF™/MVS®, PSF/VM™, PSF/VSE™, PSF for OS/400®, PSF for OS/2® and PSF for AIX®		
Features	Standard: —Toner on-the-Fly —64 MB memory simplex or 128 MB memory duplex —XGA Touch Screen Operator Panel/Display Optional: —Switchable resolution printhead —64 MB memory additional per engine —Performance Enhancement Control Unit —Additional Pre- and Post-processing interfaces —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 (per engine)	—Length: 92" to 94" (2,339 mm to 2,402 mm) —Depth: 37" (930 mm) —Height: 59" (1,500 mm) —Weight: ID1: 2,397 lb. (1,087 kg); ID2: 2,486 lb. (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 3-phase 4-wire 200/220 VAC/60 Hz 3-phase 4-wire Voltage determined by country standards		
Power Consumption	—Sleep Mode —Ready Mode —Printing with 42 lb. paper with 20 lb. paper	60 Hz 1.75 kVA 3.43 kVA 11.9 kVA 8.8 kVA	50 Hz 1.75 kVA 3.48 kVA 11.5 kVA
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) or 58 dBA (idle) —50 Hz: 65 dBA (operating) or 57 dBA (idle)		

A4 at 8.33" x 11.67"

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