

## Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 Printers (4000-ID1/ID2 and 4000-ID3/ID4)

This chapter describes Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 printer characteristics. The Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 printers are a channel-attached or LAN-attached, continuous-forms printer that use a laser and electrophotographic technology to print text, images, graphics, and bar codes at up to 229 ipm (impressions per minute) for the Infoprint 4000-ID1/ID2 and 324 ipm for the Infoprint 4000-ID3/ID4. The Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 printers use the Advanced Function Common Control Unit (AFCCU) based on RISC technology, which provides as standard the Advanced Function Image and Graphics (AFIG) feature and the Decompression Performance Enhancement (DPE) feature.

The Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 printers also have 300 pels-per-inch resolution and the Print Quality Enhancement (PQE) function, which smooths edges on diagonal lines, protects fine details, improves the fidelity of images, and allows for adjustment of the boldness of text and the darkness of images.

*Figure 37. Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 Printers*



[Table 135](#) summarizes the printer characteristics for the Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 printers.

*Table 135. Infoprint 4000-ID1/ID2 and 4000-ID3/ID4 Printer Characteristics*

Printer Characteristic	Infoprint 4000-ID1/ID2 Printer	Infoprint 4000-ID3/ID4 Printer
	Characteristic Value	
Print technology	Laser	
Datastreams	IPDS	
Form type	Continuous	
Number of input bins	Up to 16 inch (406 mm) stack of paper (box)	
Number of output bins	Up to 14 inch (355 mm) stack of paper	
Finisher attachments	n/a	
Manual forms feed	n/a	
Envelope printing	n/a	
MICR printing *With either RPQ 8B4013 or 8B4018 installed	yes*	
Duplex printing	yes	
Color *With the IBM 4005 Infoprint Hi-Lite Color printer attached <sup>2</sup>	yes*	
Adjust print-quality levels	yes	
Print resolution	240 dpi 300 dpi	
Maximum printing rates for letter (8.5 x 11 inches)		

inches per second	32.5	46
inches per minute	1,950	2,760
Maximum printing rates for letter in pages per minute <sup>2</sup>		
1-up landscape (8.5 inches long) simplex	229	324
1-up landscape (8.5 inches long) duplex	458	648
2-up portrait (11 inches long) simplex	354	501
2-up portrait (11 inches long) duplex	708	1,002
Maximum printing rates for A4 (210 x 297 mm)		
mm per second	825	1168
mm per minute	49,530	70,104
Maximum printing rates for A4 in pages per minute <sup>2</sup>		
1-up landscape (210 mm long) simplex	235	330
1-up landscape (210 mm long) duplex	470	660
2-up portrait (297 mm long) simplex	333	472
2-up portrait (297 mm long) duplex	666	944
Maximum usage in pages per month (duty cycles) <sup>3</sup>		
Letter: 1-up landscape (8.5 inches long)	11,200,000 duplex	16,000,000 duplex
Letter: 2-up portrait (11 inches long)	17,400,000 duplex	24,600,000 duplex
A4: 1-up landscape (210 mm long)	11,600,000 duplex	16,200,000 duplex
A4: 2-up portrait (297 mm long)	16,700,000 duplex	23,000,000 duplex
<ol style="list-style-type: none"> <li>1. The Infoprint 4005 Hi-Lite Color post-processor provides a high-speed, high-quality, all-points-addressable (APA) color printing system to complement the industry-leading quality and reliability the IBM Infoprint 4000 ID1/ID2 Wide or Wide Duplex printers (240 dpi models). Visit the IBM Printing Systems Inter page at <a href="http://www.ibm.com/printers">http://www.ibm.com/printers</a> for more information about the Infoprint 4005.</li> <li>2. Maximum printing rate is the maximum number of pages of the indicated size and configuration that can be printed at the constant speed of paper movement shown for each printer. Rates for pages of different sizes and configuration can be calculated by dividing the form length into the printer speed. Actual printing rate will be less if the printer cannot reach this rate due to complexity or density of the data or the ability of the system to deliver data at this rate.</li> <li>3. Maximum usage is based on operating 7 days a week, 24 hours a day, at maximum printing rate with normal maintenance and operations activity. IBM does not recommend reaching this monthly maximum on consistent basis.</li> </ol>		