

*The low-cost, quiet, robust and compact printing solution.*

## IBM 4230 Impact Matrix Printer

The IBM® 4230 Impact Matrix Printer family offers high speed, exceptional reliability and rugged durability that make it the right choice for the most demanding print environments and applications. With print speeds of up to 600 characters per second (cps), depending on the model, and superb reliability, the IBM 4230 Printers outperform other impact printers.

### Enhanced Productivity

With its auto-forms load, innovative forms handling features, customizable operator panel and menu selections, IBM 4230 printers will improve productivity and virtually eliminate user frustration, paper jamming and costly paper loss.

The customizable operator panel option allows you to easily lock out specific buttons or make them active again depending on your specific environment. This option can be preconfigured prior to the shipment of your printer.

The IBM 4230 offers robust benefits and productivity features in a small package. For example, custom setup profiles allow users to store and retrieve as many as four different menus of printer setup

values. This means users can switch instantly from one application to another, thereby improving user productivity and eliminating adjustment errors.

### Maximum Flexibility

In addition, the IBM 4230 prints a wide range of applications by offering four print speeds and quality modes. The fast draft quality provides high speed for large print jobs. The near letter quality (NLQ) mode provides clean, crisp correspondence for word processing applications. Full all-points-addressable graphics capability exists for applications such as bar codes, bar charts and pie charts, scanned logos, forms designs and CAD/CAM drawings.

### Quiet Printing Where You Need It

At only 53 dBA, the IBM 4230 is quieter than many laser printers, making it suitable for virtually any business environment. And with its small footprint, the IBM 4230 can be placed wherever a need for printing exists. The printer offers either a coaxial, twinaxial, coaxial/ASCII or twinaxial/ASCII attachment, maximizing flexibility while providing a wide range of printer placement options. The IBM 4230 is well-suited to

### Highlights

- **Low-cost, flexible, heavy-duty dot matrix printing solution**
- **Customizable operator panel**
- **Flexible forms handling capabilities**
- **Very quiet for office use**
- **Superb reliability**
- **Backed by IBM's unparalleled service and support**

serve as either a high-speed office printer; a heavy-duty primary printer for small systems and LAN installations; or a workstation printer for larger systems and LANs.

### Versatile Forms Handling

The ability to use cut-sheet paper allows full advantage of NLQ printing on letter-head paper for business correspondence applications. The automatic forms-thickness adjustment feature saves users from having to manually adjust the printhead gap and ensures consistent, high-quality forms printing and improved printhead reliability.



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Impact Printing  
Solutions

Additionally, interchangeable paper feed modules permit the IBM 4230 printer to be easily adapted to a variety of different forms applications, including preprinted multi-part forms, labels, cardstock, checks and mailer forms.

### Service Beyond Expectations

IBM offers a full range of services to meet your needs covering your complete print solution from hardware maintenance to software support—all accessible 24 hours a day, 7 days a week.

When the need for service arises, our worldwide staff of Customer Engineers utilize F.I.R.S.T.<sup>™</sup>, IBM's exclusive database containing up-to-date product, parts, diagnostics and repair information. They'll have the knowledge and expertise needed to solve any problem right at their fingertips, ensuring an efficient service call and maximum printer uptime.

### Summary

The IBM 4230 Printer is the workhorse of dot matrix printers and provides these key benefits:

- High-speed print output (up to 600 cps)
- Excellent print quality and reliability
- Easy-to-use, customizable operator panel
- Versatile paper handling
- Automatic forms loading and thickness adjustment
- Acoustic levels quieter than many laser printers
- Graphics capability, including bar codes
- U.S. Postal Service Postnet bar code printing capability
- Dual purpose feature provides document on demand
- Unmatched IBM service and support

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IBM Corporation 1998  
 The IBM Printing Systems Company  
 Dept. HT7/001H  
 P.O. Box 1900  
 Boulder, CO 80301-9191  
 Printed in the United States of America  
 4-98  
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## IBM 4230 Impact Matrix Printers at a glance

Print Speed (cps)	Model xx1	Model xx2	Model xx3
—Fast draft mode:	375	480	600
—DP mode:	300	400	400
—DP text mode:	150	200	200
—NLQ mode:	75	100	100

  

Print Options	Vertical spacing:
	—6 or 8 lines per inch (lpi) selectable from operator panel for text
	—3, 4, 6, 8 or 9 lpi selectable under program control for text
	—1/144" increments under program control available for graphics (Models 1xx, 211, 202, 4x3 and 5x3)
Horizontal spacing:	
	—10, 12, 15 and 16.7 characters per inch
	—171 and 20 characters per inch on Models 4x3 and 5x3 (ASCII only)
	—Proportional spacing is available in DP text and NLQ modes
Maximum print line:	
	—13.2"; 13.6" on Models 4x3 and 5x3
Bar codes:	
	—Postnet, UPC-A, UPC-E, EAN-8, EAN-13, Code 3 of 9, Code 128, Interleaved 2 of 5, Codabar, MSL Industrial 2 of 5 and Matrix 2 of 5

  

Paper Handling	Operator-changeable forms modules: —Continuous forms up to 6 parts, cutsheet, document-on-demand/zero tear-off and automatic forms loading
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Paper Sizes	—3" to 15" width —3" to 14" length (continuous forms) —5" to 14" length (cutsheet)
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Interfaces/Emulations	101	102	4I3	4S3	201	202	5I3	5S3
	1S2	111			2S2	211		
Twinaxial	•	•	•	•				
4214 SCS	•			•				
4224 IPDS <sup>™</sup>		•	•					
4230 IPDS		•	•					
Serial			•	•			•	•
Parallel/Centronics			•	•			•	•
Epson FX 1050			•	•			•	•
Proprinter <sup>®</sup> II XL			•	•			•	•
Proprinter III XL			•	•			•	•
4224 ASCII			•	•			•	•
Coaxial					•	•	•	•
3268 SCS					•	•	•	•
3287 SCS					•	•	•	•
4224 IPDS						•	•	
4230 IPDS						•	•	

  

System Attachments	Model 1xx	Model 2xx	Model 4xx	Model 5xx
—AS/400 <sup>®</sup> , System/36 <sup>™</sup>	•		•	
—5x94 Control Units	•		•	
—ES/9000 <sup>®</sup> , IBM 4300		•		•
—3174/3274 Control Units		•		•
—i-data 7913 <sup>2</sup>		•		•
—RISC System/6000 <sup>®</sup>			•	•
—PS/2 <sup>®</sup> and compatibles			•	•
—LAN attachments <sup>3</sup>			•	•
—S/390 <sup>®4</sup>			•	•

  

Physical Characteristics	—Width: 25.9" (658 mm) —Height: 12.4" (315 mm)	—Depth: 15.6" (396 mm) —Weight: 45 lbs. (20.4 kg)
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Power Requirements	—100-127 V, 1-phase, 50/60 Hz; 200-240 V, 1-phase, 50/60 Hz
Consumption:	Idle: Max. Typical
120 VAC 60 Hz	40 Watts 90 Watts
220 VAC 50 Hz	40 Watts 90 Watts

  

Environmental Conditions	Noise Emission: —Printing: 53 dBA; Idling: 30 dBA
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Supplies	Ribbon cartridges: —Auto-inking ribbon, P/N - 1040580, 15 million character life —High-yield ribbon, P/N - 1040440, 6 million character life
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<sup>1</sup>Via AS/400 ASCII workstation controller or PC workstation

<sup>2</sup>PSF Direct only; requires IPDS

<sup>3</sup>Ethernet and IBM Token-Ring via a PC or the Novell-certified IBM 4033 LAN Adaptor or equivalent

<sup>4</sup>IBM 3174 via the asynchronous emulation adaptor, PC workstation or IBM 3482 InfoWindow II Display Station

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