

A highly flexible printer for cross-industry application.

IBM 3130 Advanced Function Printer

The IBM® 3130 Advanced Function Printer is a highly reliable, cut-sheet printer that prints up to 30 impressions per minute (ipm) and up to 200,000 impressions per month. The printer supports multiple data streams and multiple concurrent interfaces and provides exceptional paper handling options. These functions, combined with IBM's powerful Advanced Function Common Control Unit™ (AFCCU™), provide support for traditional Intelligent Printer Data Stream™ (IPDS™) and local area network (LAN) environments.

Shared Environments

Today's varied print environments require support of multiple printer data streams. The IBM 3130 supports PostScript Level 2, PCL5e and IBM's traditional strength, IPDS. Native support for all three data streams means that one printer can support both host and LAN applications. The IBM 3130 also supports data stream sensing and switching.

It is also imperative that printers provide a variety of connectivity options. The IBM 3130 supports:

- Standard high-speed parallel interface
- Ethernet interface
- 19.2 or 56Kbps SDLC interface
- Token-Ring interface
- Twinaxial interface

An Ethernet interface, the parallel interface and one additional interface may be concurrently active on the IBM 3130. Jobs may be received from the three active ports and directed to separate output stackers.

This flexibility extends to the printer's paper sources and output stackers. The four available input trays can be linked as well as dedicated to an application. Likewise, output stackers can be dedicated to an application. This flexible combination enables up to three diverse application environments to share the same physical printer and still retain job separation all the way from the input tray to the offset stacker.

Forms Flexibility

User applications require forms flexibility. The IBM 3130 supports numerous paper sizes, including legal, letter, ledger, A3, A4, B4 and B5. All of the drawers in the base footprint can support all of the supported paper sizes. A 500-sheet, side input tray supports A4 and letter sizes. The IBM 3130 can also print on card stock and labels. The printer supports up to four input trays and three tray sizes, including 250, 500 and 2,000 sheets. All models support 3,000 sheets of paper from four input trays.



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Highlights

- **Up to 30 ipm and 200,000 impressions per month**
- **Multiple printer data streams supported, including PostScript Level 2, PCL5e and IPDS**
- **Up to three concurrently active interfaces**
- **Exceptional paper-handling capabilities**
- **Low cost of operation**

You can install up to three output stackers on the IBM 3130. Two 500-sheet offset stackers are standard and a 1,500 sheet offset stacker is optional. You can configure all models with all three output stackers for a total output capacity of 2,500 sheets.

Consistent Performance

To maximize resources, it is critical to maintain rated speed in a shared print environment. The IBM 3130 leverages the AFCCU's powerful IBM RISC technology to help make this a reality. The control unit supports printers as diverse as the IBM 3900 Advanced Function Wide Duplex Printing System and the IBM 3130.

The AFCCU improves performance for the most complex jobs. This control unit includes capabilities that were features on earlier control units, such as Advanced Function Image and Graphics and Decompression Performance Enhancement. Like previous control units, it can be extended with new capabilities in the future.

Summary

- Low cost of operation
- Up to 30 ipm and 200,000 impressions per month
- Simplex model (O3S) can be upgraded to duplex model (O2D)
- Multiple print data stream support: IPDS, PostScript Level 2, PCL5e
- Multiple protocol support: SNA, TCP/IP lpr/lpd/ftp, Novell NetWare SPX/IPX
- Exceptional paper handling
 - Up to four input trays: 3,000 sheets
 - Up to three output stackers: 2,500 sheets
 - 11 x 17 inch capabilities
- Broad physical attachment capabilities: Twinaxial, Token-Ring, SDLC, PC parallel, Ethernet
- Microsoft® Windows® support
- OS/2® support
- 240- or 300-pel enhanced printing
- Optional 240-pel DBCS raster fonts resident
- Resident fonts: PCL - 35 Intellifonts and 10 TrueType; PostScript - 63 Type 1 scalable fonts; IPDS - IBM Expanded Core Interchange (230+ outlines)

IBM 3130 Advanced Function Printer at a glance

Print Speed	Up to 30 impressions per minute (ipm)					
Usage	Up to 200,000 impressions per month					
Memory	48 MB standard, 64 MB maximum					
Paper Capacities	Input trays —2x250/2000 standard —500 as an additional option Output stackers —2x500 standard —1500 as an additional option					
Media	Paper size —Letter: 8.5" x 11" —Legal: 8.5" x 14" —A3: 11.7" x 16.5" —A4: 8.3" x 11.7" —B4: 10.1" x 14.3" —B5: 7.1" x 10.1" —Ledger: 11" x 17" Letter, A4 and B5 can be printed at up to 30 ipm; all other sizes print at up to 15 ipm Paper weight —Regular papers: 16 lb. to 42 lb. —Card stock: 40 lb. to 90 lb. (simplex only) —Labels: 32 lb. to 42 lb. (simplex only) Paper types —Plain or letterhead cut-sheet paper —Paper or polymer-based adhesive labels suitable for electrophotographic printing —Preprinted forms and letterheads, perforated and prepunched (2, 3 and 4 holes) —Xerographic papers					
AFP System Attachments	PSF/MVS	PSF/VM	PSF/VSE	PSF/400	PSF/2	PSF/6000
SNA Token-Ring	•	•	•	•	•	
SNA SDLC 19.2 Kbit	•	•	•	•	•	
SNA SDLC 56 Kbit	•	•	•	•	•	
TCP/IP Token-Ring	•			•	•	•
TCP/IP Ethernet	•			•	•	•
PC Parallel					•	•
Twinaxial				•		
AFP Software Support	—PSF™/MVS™, PSF/VSE™ and PSF/VM™ —PSF for OS/400®, PSF for OS/2® and PSF for AIX®					
Open System Attachments	AIX	NetWare	Windows	OS/2	OS/2 LAN Server	
Token-Ring	•	•	•	•	•	
Ethernet	•	•	•	•	•	
PC Parallel	•	•	•	•	•	
Open Software Support	—OS/2, Microsoft Windows —OS/2 LAN Server, AIX, NetWare 3.11 through 4.01					
Options	Attachment options: Note: PC Parallel attachment is standard —Ethernet (TCP/IP) —Token-Ring (TCP/IP) —Twinaxial —SDLC Other options: —One 16 MB memory feature —DBCS Font Package —Extra input trays and output stackers					
Physical Characteristics	With standard paper handling Width: 26" (654 mm) Depth: 26" (654 mm) Height: 54" (1,385 mm) Weight: 343 lbs. (156 kg)					
Power Requirements	—100/115 V, single phase, 50/60 Hz, 10 amps —220/230/240 V, single phase, 50/60 Hz, 5.2 amps					
Environmental Conditions	Relative humidity: 20% to 80% RH Temperature: 60.8° to 89.6° F (16° to 32° C) Acoustics: 55 dBA/7.2 bels (operating); 46 dBA/6.4 bels (idle)					

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