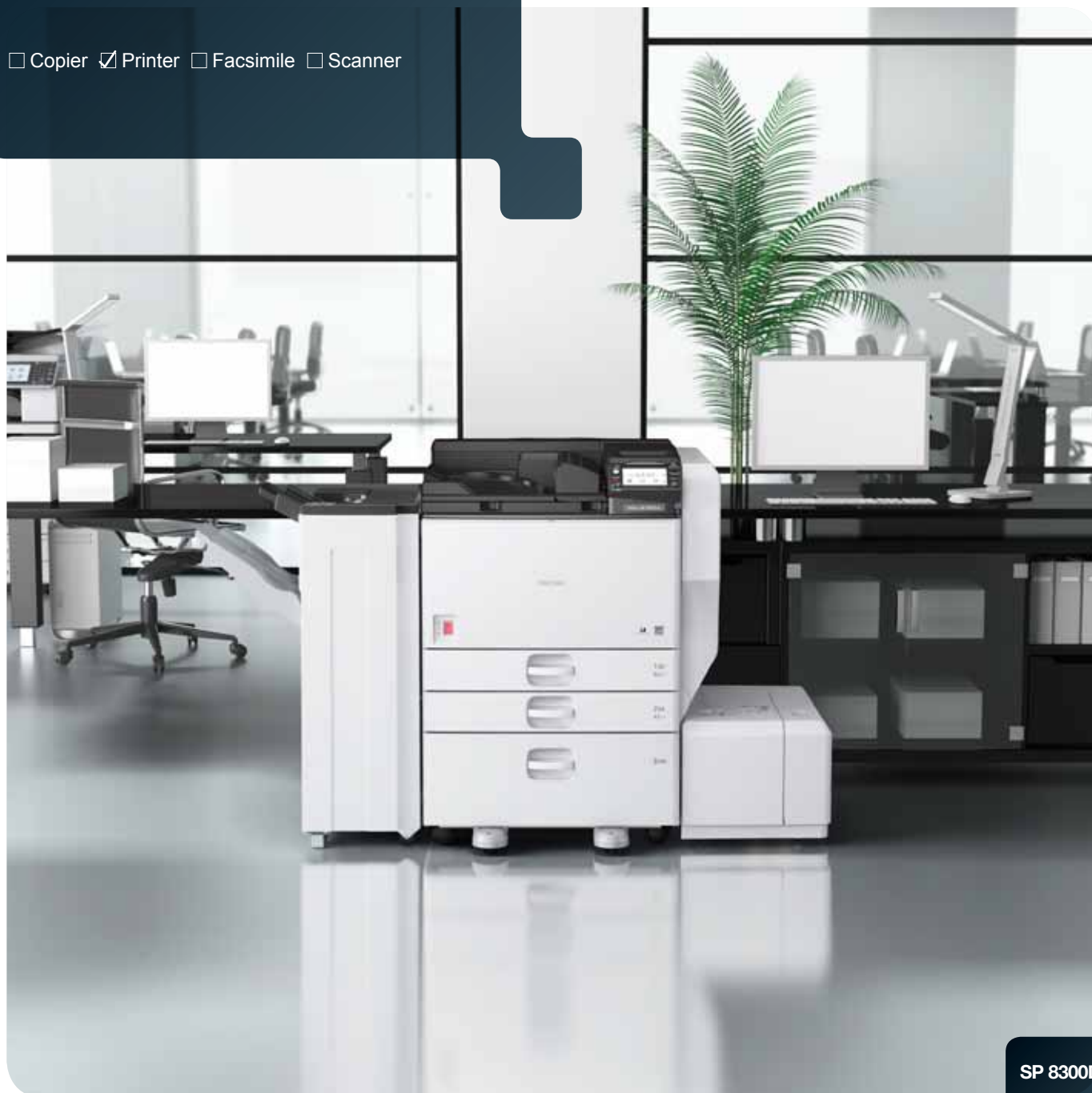**Black & White Laser Printer**

SP 8300DN

☐ Copier ☑ Printer ☐ Facsimile ☐ Scanner

RICOH

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SP 8300DN

50 ppm B/W

Versatile print performance for fast-paced workgroups

The innovative, feature-rich SP 8300DN grabs more than attention — it secures greater productivity, too. This versatile, network-ready laser printer combines speed and high quality black-and-white output with a host of advanced capabilities like built-in data encryption and authentication features to manage today's demanding workloads with ease. Ideal for cost-conscious users in mid-volume printing environments, the SP 8300DN offers standard duplexing, an expandable paper capacity and a choice of professional finishing options.

Meet every need, everywhere

Choose the SP 8300DN for cost-effective black-and-white output that complements an integrated Managed Document Services strategy and improves efficiency throughout your organization. This versatile printer can handle large volumes of general office documents or serve as a reliable output device for host print data center applications. With IPDS, users can print directly from databases without a print server or expensive hardware. Support for UNIX environments enables users to have individual control over each print job, including duplexing and hole punching.

Produce more, quickly

Print up to 50 pages per minute at 600 x 600 dpi for fast, impressive results without compromising efficiency or your budget. The SP 8300DN is equipped with 512MB RAM or an optional 1GB RAM to handle heavy workloads generated by multiple users in larger workgroups. It offers standard duplexing up to 11"x 17" to accommodate a wider range of print applications, including spreadsheets and other oversized business documents.

Expand capacity, from start to finish

The SP 8300DN offers a standard paper capacity of 1,200 sheets to handle multiple print jobs without interruption. If workflows require a higher paper capacity, several optional trays can be added to increase paper capacity to a maximum of 4,400 sheets. Cost-effective finishing options are available for sorting, stapling and hole punching so users can produce professional-looking monochrome documents in-house.

Discover the true value of fast, efficient workflow

Customized control within reach

Access key printer functions and settings with the 4.3" customizable touch screen color LCD control panel. View system status, current job status and job history with one touch using the animated guidance screens. Customize the home screen with shortcut icons to view saved job lists for optimum productivity. Use the Print Preview function to view a thumbnail image to visually verify the selected file before printing. Plus, an integrated USB Host Port and SD Card Slot are located on the side of the control panel to provide easy access for printing from portable media.

Network compatibility you can trust

Take advantage of out-of-the-box network connectivity and share versatile print performance with other authorized users on the network. A standard USB 2.0 high-speed interface can connect to a single PC in environments where tighter control over device access and printing is necessary, including sensitive customer accounts, invoice printing and host-based reports.

Ensure document integrity

With a wide range of authentication controls, the SP 8300DN safeguards vulnerable information and documents. Authentication requires users to enter a password at the printer's touch screen control panel. The optional 120GB hard disk drive enables features like lock print, hold print, store print, unauthorized copy control and other related security features to maintain confidentiality. Built-in encryption makes stored data impossible to be obtained by unauthorized users.

Minimize energy use

The SP 8300DN integrates several energy-saving features to ensure low typical energy consumption (TEC). It features automatic, power-saving sleep mode and an Eco-night sensor so users can program automatic shutdown. When the lights are turned off, the printer shuts down to curb energy use when the office is empty. Plus, the SP 8300DN has a fast warm-up time of 25 seconds or less to ensure it's ready when you are.

General

Technology:	Laser	
Warm-up time:	25 sec or less	
First output speed:	3.5 sec or less	
Print speed:	50ppm (A4)	
CPU:	RM7035C-533L 533MHz	
Memory:	Std:	512MB
	Max:	1GB
HDD:	Opt.	
Dimensions (WxDxH):	670 x 677 x 641 mm	
Weight:	73kg or less	
Power source:	220-240V, 50/60Hz	
Duty cycle:	300,000 prints per month	

Printer

Printer language:	Std:	PCL5e/6, PostScript3, PDF direct print, Media print (JPEG/TIFF)
	Opt.:	IPDS
Print resolution:	600 x 600 dpi (max)	
Fonts:	Std:	PCL:45 fonts + International Fonts 13 fonts, PostScript3/PDF: 136 fonts
	Opt.:	IPDS: 108 fonts
Interface:	Std:	USB2.0, Ethernet (100BASE-TX/10BASE-T)
	Max:	IEEE1284/ECP, IEEE802.11a/b/g, Gigabit Ethernet
Network protocol:	TCP/IP (IPv6), IPX/SPX (option)	
Operating systems:	Windows XP/ Vista/ Server 2003/ Server 2008/ 7 (32/64bit) Windows Server2008R2 (64bit) CPS-4.5 (32/64bit)/ XenApp 5.0 (32/64bit), 6.0 (32/64bit) Mac OSX(Native), 10.2-107 or later	

Paper Handling

Paper sizes:	Std:	A3, A4, A5, B4, B5, DLT, Legal, LT, Executive.
	Custom:	Foolscap, Government LG, Folio, F/GL, Eng Quatro, Com10, C5, 8K, 16K, 11" x15", 10" x14"
Paper input capacity:	Max:	4,400 sheets
Paper output capacity:	Max:	3,500 sheets
Paper weight:	Std:	60-216g/m2
	Opt:	60-216g/m2
	Bypass:	52-216g/m2
	Duplex:	60-169g/m2

Security

Authentication:	Windows Authentication LDAP Authentication Basic Authentication User Code Authentication 802.1.x Wired Authentication

Ecology

Power consumption	Max:	1,470 W
	Sleep:	3.5 W

Options

2 x 550 sheet paper tray
2,000 sheet LCT
1,200 sheet LCT
1000 sheet finisher
3000 sheet finisher
Punch unit for 3000 sheet finisher
Bridge Unit
Jogger unit
IPDS
VM card
512MB memory
Font SD card
NetWare option
Gigabit ethernet
HDD
IEEE802.11a/g
IEEE1284

Consumables

Toner capacity:	Black: 36,000 prints

Declared yield value in accordance with ISO 19752 chart.
For availability of models, options and software, please consult your local Ricoh supplier.

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