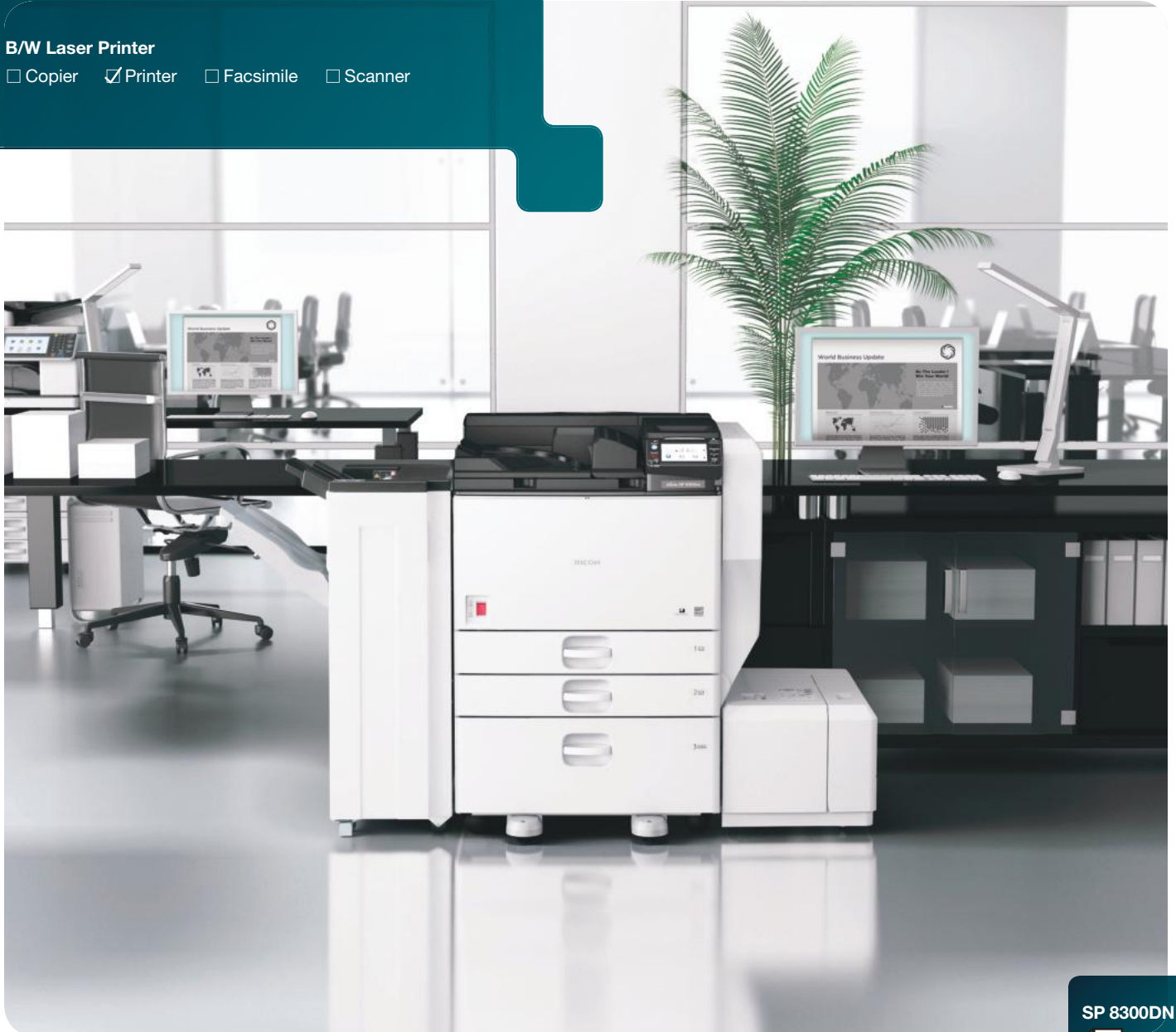


RICOH
imagine. change.

Ricoh Aficio SP 8300DN

B/W Laser Printer

☐ Copier ☒ Printer ☐ Facsimile ☐ Scanner



SP 8300DN

50
ppm

monochrome

Versatile print performance for fast-paced workgroups

The innovative RICOH® Aficio® 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 with the optional hard disk drive to manage today's demanding workloads with ease. Ideal for cost-conscious users in mid-volume printing environments, the Ricoh Aficio SP 8300DN offers standard duplexing, an expandable paper capacity and a choice of professional finishing options.

Meet every need, everywhere

Choose the Ricoh Aficio SP 8300DN for cost-effective black-and-white output that complements an integrated Managed Document Services strategy and helps improve document workflow 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 optional 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 Ricoh Aficio SP 8300DN is equipped with 512 MB RAM memory or an optional 1 GB of memory 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 Ricoh Aficio 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 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 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, the control panel is equipped with an Eco Night Sensor to save energy by automatically turning the printer off or placing it into Sleep mode after the room goes dark.



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. In addition, 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.



Ensure document integrity

With a wide range of authentication controls, the Ricoh Aficio SP 8300DN is designed to safeguard vulnerable information and documents. Authentication requires users to enter a login or password at the printer's touch screen control panel. The optional 120 GB hard disk drive enables features like locked print, hold print, store print, unauthorized copy control and other related security features to maintain confidentiality. With the optional hard disk drive, built-in encryption guards against unauthorized access of stored data by unauthorized users. In addition, the SP 8300DN offers other standard and optional administrative features, including @Remote for automated meter readings, fleet reporting and proactive support to help reduce operating costs.



Ricoh Aficio SP 8300DN

SYSTEM SPECIFICATIONS

Aficio®

Specifications

Ricoh Aficio SP 8300DN Configuration Technology	Part # 407285 Desktop Laser beam scanning and electro-photographic printing with dual component toner development
Operation Panel	4.3" color touch screen display with integrated USB 2.0 Type A host port and SD Card slot
Resolution	300 x 300, 600 x 600 dpi
Printing Speed	50 pages-per-minute
First Print Speed	3.5 seconds or less
Dimensions (WxDxH)	26.3" x 26.9" x 25.2" (670 x 684 x 641 mm) (Main Unit only)
Weight	Less than 160.9 lb. (73 kg) (Main Unit only)
Warm-Up Time	25 seconds or less (from Main Switch On)
Power Requirements	120 - 127V, 60Hz, 15A
Power Consumption	Operating: 1550 W or less Energy Saver: 3.5 W or less Energy Star compliant

Typical Energy Consumption

Standard Paper Capacity 550-Sheet Paper Tray 1
550-Sheet Paper Tray 2
100-Sheet Bypass Tray
(1,200 sheets standard capacity)

Optional Paper Capacity 550-Sheet x 2 Paper Feed Unit or
2,000-Sheet Large Capacity Tray (LCT);
1,200-Sheet Large Capacity Tray (LCT)

Maximum Paper Capacity 4,400 sheets

Automatic Duplexing Standard
Paper Sizes Standard Trays 1 & 2: Auto Detect:
7.25" x 10.5" to 11" x 17"
Custom: 7.17" x 5.83" to 11.69" x 17"
Bypass Tray: Auto Detect: 5.5" x 8.5" to 11" x 17"
Custom: 3.55" x 5.83" to 12" x 23.6"
550 x 2 Paper Feed Unit: Auto Detect:
7.25" x 10.5" to 11" x 17"
Custom: 7.17" x 5.83" to 11.69" x 17"
2,000-sheet LCT: Fixed for 8.5" x 11"
1,200-sheet Side LCT: Fixed for 8.5" x 11"
When Duplexing: Auto Detect: 5.5" x 8.5" to 11" x 17"
Custom: 3.55" x 5.83" to 11.69" x 17"
Std./Opt. Trays 1 - 4: 16 - 57 lb. Bond/
120 lb. Index (60 - 216 g/m)
Bypass Tray: 14 - 57 lb. Bond/
120 lb. Index (52 - 216 g/m)
When Duplexing: 16 - 45 lb. Bond/
90 lb. Index (60 - 169 g/m)

Paper Weight Std./Opt. Trays 1 - 4: Plain Paper,
Recycled Paper, Color Paper, Letterhead,
Bond Paper, Special Paper 1-3,
Preprinted Paper, Prepunched Paper
Envelopes: Com 10, C5 & DL
Bypass Tray: Plain Paper, Recycled
Paper, Color Paper, Letterhead, Bond
Paper, Special Paper 1-3, Preprinted
Paper, Prepunched Paper, Cardstock,
OHP Transparency, Labels
Envelopes: Com 10, Monarch, C5, C6
& DL
LCT/Side LCT: Plain Paper, Recycled
Paper, Color Paper, Letterhead, Bond
Paper, Special Paper 1-3, Preprinted
Paper, Prepunched Paper

Paper Types

Standard Output Capacity 500 sheets (Face down)

Controller Specifications

CPU RMT035C @ 533 MHz
Printer Languages Standard: PCL 5e, PCL 6, Genuine
Adobe® PostScript® 3™, PDF Direct Print,
Direct Media Print (JPEG/TIFF)
Optional: Genuine Intelligent Printer Data
Stream (IPDS), XPS (via download),
Universal Driver (via download)

Fonts Standard: PCL: 45 fonts +
13 International fonts
PostScript3/PDF: 136 fonts
Optional: IPDS: 108 fonts

Memory Standard: 512 MB RAM
Maximum: 1 GB RAM
120 GB (optional)

HDD 120/100Base-TX Ethernet
Standard Interfaces USB 2.0 Hi Speed Type B (for direct
computer connection)
Dual USB 2.0 Host Type A (for external
device connection)
USB 2.0 Type A/SD Card Slot integrated
into Control Panel (for Print From Portable
Media)
Dual rear VM card slots (for expanded
functions)

Optional Interfaces Gigabit Ethernet (1000Base-T) Type C
IEEE 802.11a/g Wireless LAN Type L
IEEE 1284/ECP Parallel Interface Type A

Network Protocols Standard: TCP/IP (IPv4, IPv6), Bonjour
Optional: IPX/SPX

Operating Systems Windows XP, Vista, 7, Server 2003/R2,
Server 2008/R2
Citrix Presentation Server 4.5,
Citrix XenApp 5.0, 6.0
Mac OS X v.10.4 or later
SAP R/3 Device Type (provided in SAP
Printer Vendor Program)
Novell NetWare Server 6.5 (option is
required)
UNIX (using Ricoh UNIX Filter):
Sun Solaris 2.6/7/8/9/10
HP-UX 10.x/11.x/11i v2/11i v3
SCO OpenServer 5.0/6.0/7.0/6.0
Red-Hat Linux Enterprise 4/5/6
IBM AIX 5L version 5.3/6.1/7.1
Web Image Monitor
Web SmartDeviceMonitor
SmartDeviceMonitor for Admin
SmartDeviceMonitor for Admin Accounting
Report Package
@Remote

Software Utilities

Controller and Memory Options

512 MB RAM Memory Part # 007121MIU
Unit Type L
120 GB Hard Disk Drive Part # 007120MIU
Type 8300
IEEE 802.11a/g Wireless Part # 403000
LAN Type L
Gigabit Ethernet Board Part # 406914
Type C
IEEE 1284 Interface Part # 411699
Board Type A
VM Card Type U Part # 416163
IPDS Unit Type 8300 Part # 407039

Hardware Accessories

Paper Feed Unit Type Part # 415793
PB3130
Paper Size 7.25" x 10.5" to 11" x 17"
Envelopes: Com10, C4, DL

Paper Capacity 550 sheets x 2 trays = 1,100 sheets
Acceptable Paper Weight 16 - 57 lb. Bond/120 lb. Index
(60 - 216 g/m)

Dimensions (WxDxH) 22.8" x 24.7" x 10.2"
(580 x 629 x 260 mm)
57.3 lb. (26 kg)

Weight 57.3 lb. (26 kg)

2,000-Sheet Large Capacity Tray Type Part # 415795
PB3140
Paper Size 8.5" x 11" LEF
1,000 sheets x 2 trays = 2,000 sheets

Paper Capacity 16 - 57 lb. Bond/120 lb. Index
Acceptable Paper Weight (60 - 216 g/m)

Dimensions (WxDxH) 22.8" x 24.7" x 10.2"
(580 x 629 x 260 mm)
57.3 lb. (26 kg)

Weight 57.3 lb. (26 kg)

1,200-Sheet Side Large Capacity Tray Type Part # 415984
RT3020
Paper Size 8.5" x 11" LEF
1,200 sheets x 1 tray

Paper Capacity 16 - 57 lb. Bond/120 lb. Index
Acceptable Paper Weight (60 - 216 g/m)

Dimensions (WxDxH) 13.7" x 21.3" x 11.4"
(348 x 540 x 290 mm)
30.8 lb. (14 kg)

Weight 30.8 lb. (14 kg)

Large Cabinet Stand Part # 416407
FAC 56
The Large Cabinet Stand FAC 56 must be selected when the printer main
unit is to be configured with a Finisher, but not a paper supply option.

1,000-Sheet Finisher Part # 415804
Type SR3090

Modes Shift Sort, Stack, Staple
Number of Trays 2 Trays: Proof Tray & Shift Tray
Paper Sizes Proof Tray: Standard: 5.5" x 8.5" to
12" x 18"
Custom: 3.94" x 5.83" to 12" x 18.1"
Shift Tray: Standard: 5.5" x 8.5" to
11" x 17"

Paper Weight Proof Tray: 14 - 57 lb. Bond/
120 lb. Index (52 - 216 g/m)
Shift Tray: 14 - 43 lb. Bond /90 lb. Index
(52 - 160 g/m)

Stack Capacity Proof Tray: 250 sheets (8.5" x 11"
or smaller)
50 sheets (8.5" x 14" or larger)
Shift Tray: 1,000 sheets (8.5" x 11")
500 sheets (8.5" x 14" or larger)

Stapling Capacity 50 sheets (8.5" x 11" or smaller),
30 sheets (8.5" x 14" or larger),
16 sheets (mixed sizes)

Staple Paper Weight 17 - 24 lb. Bond (64 - 90 g/m)
Staple Positions 1 Staple: 2 positions (Top, Bottom)
2 Staples: 1 position (Left Margin)

Dimensions (WxDxH) 20.5" x 20.5" x 31.2"
(520 x 520 x 790 mm)
55.0 lb. (25 kg)

Weight Requires configuration with Bridge Unit (BU3060) and Two Tray Paper Feed Unit
(PB3130), Large Capacity Tray (PB3140), or Large Cabinet Stand FAC 56.

3,000-Sheet Finisher Part # 416008
Type SR3120

Modes Shift Sort, Stack, Staple, Optional Hole
Punch, Optional Jogging
Number of Trays 2 Trays: Proof Tray & Shift Tray
Paper Sizes Proof Tray: Standard: 5.5" x 8.5" to
12" x 18"
Custom: 3.94" x 5.83" to 12" x 23.6"
Shift Tray: Standard: 5.5" x 8.5" to
12" x 18"
Custom: 3.94" x 5.83" to 12" x 23.6"
Proof Tray: 14 - 43 lb. Bond/90 lb. Index
(52 - 163 g/m)
Shift Tray: 14 - 57 lb. Bond/120 lb. Index
(52 - 216 g/m)

Paper Weight Proof Tray: 250 sheets (8.5" x 11" or
smaller)
50 sheets (8.5" x 14" or larger)
Shift Tray: 3,000 sheets (8.5" x 11")
1,500 sheets (8.5" x 14" or larger)
500 sheets (5.5" x 8.5")

Stack Capacity 50 sheets (8.5" x 11" or smaller),
30 sheets (8.5" x 14" or larger),
30 sheets (mixed sizes)

Stapling Capacity 16 - 20 lb. Bond (60 - 81 g/m)
Staple Paper Weight 1 Staple: 3 positions (Top, Bottom,
Top Slant)
2 Staples: 1 position (Left Margin)

Staple Positions 25.9" x 24.1" x 37.8"
(657 x 613 x 960 mm)
119 lb. (54 kg)
Optional Output Jogger Unit
Optional 2-/3-hole Punch Unit

Dimensions (WxDxH) Requires configuration with Bridge Unit (BU3060) and Two Tray Paper Feed Unit
(PB3130), Large Capacity Tray (PB3140), or Large Cabinet Stand FAC 56.

Weight 119 lb. (54 kg)

Other Components Optional Output Jogger Unit
Optional 2-/3-hole Punch Unit

Requires configuration with Bridge Unit (BU3060) and Two Tray Paper Feed Unit
(PB3130), Large Capacity Tray (PB3140), or Large Cabinet Stand FAC 56.

Bridge Unit Type BU3060 Part # 415988
The Bridge Unit (BU3060) is a required accessory when the main unit is to be
configured with either Finisher. The Bridge Unit transports pages from the printer's
standard exit area into a Finisher for online stapling, punching, and/or folding.

Sheet Capacity 250 sheets (8.5" x 11" or smaller)
125 sheets (8.5" x 14" or larger)

Punch Unit Type Part # 430719
PU3030NA
The Hole Punch Unit Type PU3030NA is optional for the 3,000-Sheet Finisher only;
installs inside the Finisher.

Punch Paper Sizes 2 holes: 5.5" x 8.5" to 11" x 17"
3 holes: 8.5" x 11", 11" x 17"

Punch Paper Weight 14 - 43 lb. Bond/90 lb. Index
(52 - 160 g/m)

Output Jogger Unit Part # 415903
Type 9002A
The Output Jogger Unit Type 9002A is optional for the 3,000-sheet Finisher only.
It taps sheets in the Shift Tray into aligned sets for stacking or off-line binding.

Paper Size 5.5" x 8.5" to 11" x 17"

Paper Weight 14 - 43 lb. Bond/90 lb. Index
(52 - 160 g/m)

Shift Capacity Up to 20 mm

Dimensions (WxDxH) 4.25" x 17.8" x 5.1"
(108 x 452 x 130 mm)
4.4 (2 kg)

Weight 4.4 (2 kg)

Consumables & Yields

Consumables	Yield	Part #
Black Toner Type	144,000*	820076
SP 8200A	(36,000 prints/bottle)	
Printer Maintenance Kit	160,000	407057
SP 8300A (contains OPC Drum & Developer)		
Printer Maintenance Kit	160,000	402961
SP 8300B (contains Transfer Belt & Fusing Unit)		
Staple Type K for	5,000	410801
SR3090 Finisher		
Staple Type K Refill for	15,000	410802
SR3090/SR3130 Finishers		

*Declared yield values in accordance with ISO/IEC 19752.

Actual yields may vary based on types of images printed and other
factors.

For maximum performance and yield, we recommend using genuine
Ricoh parts and supplies.

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