

RICOH
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A3 Black and White Laser Printer

RICOH SP 8300DN



SP 8300DN

50 B/W
ppm

High-performance and reliable black and white laser printer

The SP 8300DN laser printer provides a powerful combination of speed, versatility and reliability. Network-ready, it works quickly and productively through general print jobs as well as more demanding application printing. Designed for high-quality black and white printing, the expandable yet cost-effective SP 8300DN also offers professional finishing, outstanding paper capacity and built-in security features for confidential documents.

- 50 prints per minute (A4)
- 4.3-inch colour touch panel
- Attractively designed
- ECO Night Sensor reduces electricity consumption
- Incorporates latest security features

Critical capabilities for business communications



- 1** A 4.3-inch colour touch panel for easy access and intuitive operation.
- 2** USB/SD slot for easy printing from flash drives and memory cards.
- 3** Standard 2 x 550-sheet paper trays to stay productive at all times.
- 4** Standard 100-sheet bypass tray to take advantage of a wide range of paper sizes and types.
- 5** Optional 2 x 550-sheet paper trays or 2 x 1,000-sheet large capacity tray for a choice of multiple paper sources.
- 6** 1,200-sheet side large capacity tray to increase your productivity.
- 7** 1,000 or 3,000-sheet finisher and several punch kits* for an entire range of finishing possibilities.

* Only available with a 3,000 sheet finisher.



Ideal for general office and application printing

Combined use

Make the most of the SP 8300DN by combining general office printing and transactional printing. Take advantage of the device's multiple paper handling options to make high-quality professional documents. You will get the low total cost of ownership (TCO), high productivity and reliability you need.

Transactional printing

The SP 8300DN is made for dedicated printing jobs such as transactional documents including bank statements and invoices, thanks to its high connectivity, large print volume, and outstanding paper capacity. You will never have to experience mixed walk-in jobs again.

Save time and energy

ECO Night Sensor

The innovative ECO Night Sensor further reduces the device's already low electricity consumption. It automatically switches off the main power when the light levels in the room dip below a certain level. It detects both the decline of natural and artificial light. You can set the sensor to activate between 1 and 120 minutes after darkness falls.

Easy to operate

Operating the SP 8300DN is extremely straightforward. Its 4.3-inch customisable colour touch panel with a large and animated menu is easy to operate. Save time with features such as a single-touch home button, auto job reset and cancel. Maximum paper capacity is an impressive 4,400 sheets.

Secure and economical

Security you can count on

The printer is highly secure due to Lightweight Directory Access Protocol (LDAP) authentication. You can ensure security with mandatory hold print and locked print, which are password secured. Print settings for locked print jobs can easily be changed via the operation panel.

Environmentally friendly

At Ricoh we help you lower your environmental footprint. The SP 8300DN has eco-friendly features such as sleep mode, duplex printing, ECO Night Sensor, and an auto on/off timer. Total Electricity Consumption (TEC) values are very low and power consumption in sleep mode is less than 2.5 W.

Attractive and productive

High productivity

The SP 8300DN has a warm-up time of less than 25 seconds from off mode and prints 50 A4 pages per minute. Its first print is available in less than 3.5 seconds. A USB/SD slot enables casual users to print easily from flash drives and memory cards. Enhancements to this capability increase the media print function, enabling a preview screen before printing; a greater number of available print settings; and multiple selection of PDF or TIFF files.

Outstanding finishing

To optimise the use of the printer, various added-value finishing options are available. These include a bridge unit, 1,000-sheet and 3,000-sheet finishers, punch unit and output jogger unit. The SP 8300DN handles paper between 60 – 216 gsm (bypass tray 52 – 216 gsm; duplex 60 – 169 gsm).

SP 8300DN

MAIN SPECIFICATIONS

GENERAL

Technology:	Laser
Warm-up time:	Less than 25 seconds (from off mode)
First output speed:	Less than 3.5 seconds
Print speed	50 prints per minute (A4)
CPU:	533 MHz
Memory:	Standard: 512 MB Maximum: 1,024 MB
Dimensions (WxDxH):	670x684x641mm
Weight:	73 kg
Power source:	220 - 240 V, 50/60 Hz
Duty cycle:	300,000 prints per month

PRINTER

Printer language:	PCL5e, PCL6, Adobe® PostScript® 3™, Direct PDF, Media Print (JPEG/TIFF), IPDS (option)
Maximum print resolution:	600 x 600 dpi
Fonts:	PCL (TrueType: 45 fonts, International fonts: 13), PS3 (136 fonts), IPDS (option): 108 fonts
Interface:	Standard: USB 2.0, Ethernet 10 base-T/100 base-TX Option: Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g), Gigabit Ethernet
Network protocol:	TCP/IP (IP v6), IPX/SPX (option), Bonjour
Windows® environments:	Windows® XP/Vista/7 (Home Premium, Professional, Enterprise, Ultimate), Windows® Server 2003/2003R2/2008/2008R2 (Standard, Enterprise)
Mac OS environments:	Macintosh OS X v10.4 or later

PAPER HANDLING

Recommended paper size:	Standard tray: A3-A5, B4, B5 Bypass tray: A3-A6 2 Tray Bank (option): A3-A5, B4, B5 LCT (option): A4 LCIT (option): A4, B5
Paper input capacity:	Standard tray: 1100 sheets (550 x 2 trays) Bypass tray: 100 sheets 2 Tray Bank (option): 1100 sheets (550 x 2 trays) LCT (option): 2000 sheets (1000 x 2 trays) LCIT (option): 1200 sheets Maximum: 4,400 sheets total tray capacity
Paper output capacity:	Main unit: 500 sheets (A4/LT) Maximum: 3,500 sheets (250 sheets proof tray, 3000 sheets finisher, 250 sheets bridge unit)
Paper weight:	Standard/optional paper trays: 60 - 216 gsm Bypass tray: 52 - 216 gsm Duplex tray: 60 - 169 gsm

Media capability:

Standard/ 2 tray bank: Plain paper, Thick paper 1-2, Recycled paper, Colour paper, Letterhead, Preprinted, Prepunched, Bond 1-2, Special paper 1-3, Envelopes
Bypass tray: Plain paper, Thick paper 1-2, Recycled paper, Colour paper, Letterhead, Preprinted, Prepunched, Bond 1-2, Special paper 1-3, Envelopes, Labels
LCT/LCIT (option): Plain paper, Thick paper 1-2, Recycled paper, Colour paper, Letterhead, Preprinted, Prepunched, Bond 1-2, Special paper 1-3, Labels

SECURITY

Authentication:	Windows® authentication, LDAP authentication, Basic authentication, User code authentication, 802.1.x wired authentication
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ECOLOGY

Power consumption:	Maximum: 827.7 W Ready mode: 153 W or less Sleep mode: 2.5 W or less TEC (Typical Electricity Consumption): 3330 Wh or 3.33 kw/h
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SOFTWARE

Standard:	SmartDeviceMonitor® for Admin/ Client, Web SmartDeviceMonitor®, Web Image Monitor, DeskTopBinder™ Lite, Printer utility for Mac
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OPTIONS

2 x 550-sheet paper tray, 2 x 1,000-sheet large capacity tray, 1,200-sheet side large capacity tray, Bridge unit, 1,000-sheet finisher, 3,000-sheet finisher, Punch kit for 3,000-sheet finisher, Jogger unit, Hard Disk Drive (120 GB), RAM, Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g), Gigabit Ethernet, VM Card, Netware, IPDS unit

CONSUMABLES

Toner capacity:	Black: 36,000 prints – measured by ISO 19752 test chart
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For availability of models, options and software, please consult your local Ricoh supplier.

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