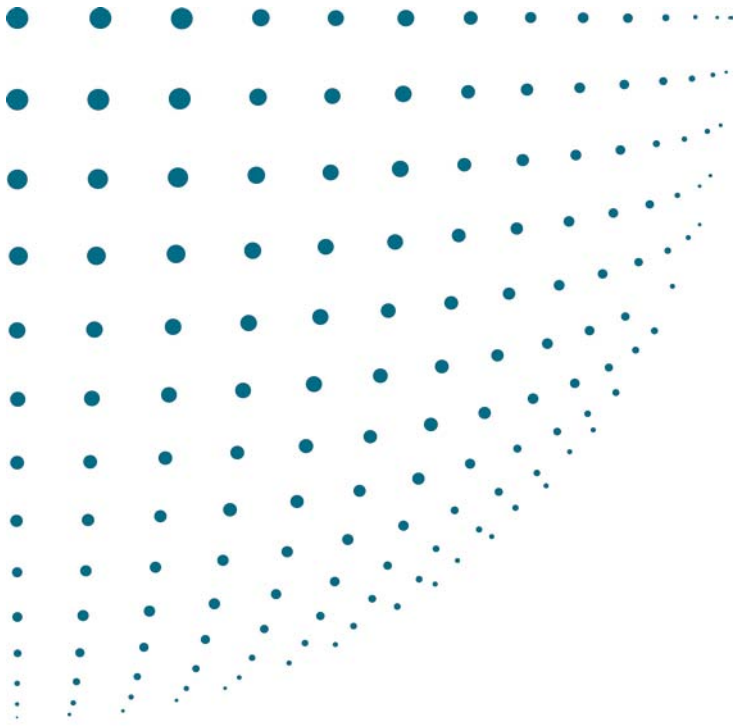# RICOH

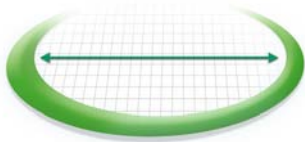# Compact and cost-effective colour laser printers

Reap the benefits of low-cost laser colour

The Aficio™SP C231N and SP C232DN colour laser printers are perfect for small businesses or small offices. They offer a small footprint, fast first print speed and low Total Cost of Ownership. Enjoy the lowest cost per page in this printer class with Ricoh's new long yield toner cartridges.

- 20 colour pages per minute.
- Low Total Cost of Ownership.
- Long/short yield cartridges.
- Small footprint.
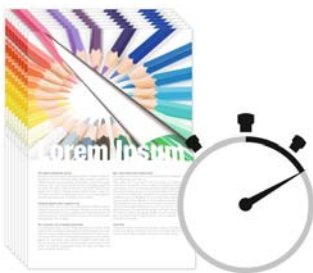- Standard network connectivity.

Designed to fit your desktop and your budget

SAVE SPACE
The small footprint of the Aficio™SP C231N and SP C232DN makes them hardly noticeable. They will sit on a small corner of your desktop, quietly and reliably going about their business. Day in, day out. The only time you will notice them is when you see their results: crisp colour prints of the highest quality.

SAVE TIME
These devices are built to perform efficiently. Switch on, and they are up and running within 14 seconds. They race along at a speedy 20 pages per minute. No fuss. Quiet. Reliable. Just what you want from a small office desktop printer. And with an optional 500-sheet tray, their input capacity checks in at an impressive 751 pages.

SAVE MONEY
The Aficio™SP C231N and SP C232DN offer the lowest cost per page in their segment. This is possible with Ricoh's innovative long yield toner cartridges. You will find they just run on and on, thus reducing the overall cost of your consumables.

EASY SET UP AND OPERATION

Their new operating panel with its clear, 2-line LCD enhances set up and operation. Printer status is visible at a glance. And settings can be changed in a few seconds through the user-friendly Status Image Monitor.

EASY MAINTENANCE

Supply replacements are performed from the front of the printer. The All-in-One cartridge and drum can be replaced quickly and easily, with just one hand. You will not even have to put your coffee cup down. The short and simple paper pass virtually eliminates paper jams. Should one happen, just open up the front of the printer.

EASY ON THE ENVIRONMENT

The Aficio™SP C231N and SP C232DN are designed with respect for the environment in mind. Their short warm-up time results in frequent use of the energy saver mode – the device then consumes as little as 4.5 W. The Aficio™SP C232DN offers auto-duplex printing for further paper savings.

Aficio™ SP C231N/SP C232DN

GENERAL

Technology:	4-drums tandem method, laser beam scanning, electro-photographic printing, single-component toner development
Print speed:	Full colour: 20 prints per minute
	B/W: 20 prints per minute
Warm-up time:	Less than 48 seconds
First print speed:	Full colour: Less than 14 seconds
	B/W: Less than 14 seconds
Dimensions (W x D x H):	400 x 450 x 320 mm
Weight:	Less than 23 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: 1.3 kW or less
	Energy saver mode: 15 W or less
Duty cycle:	30,000 pages per month

CONTROLLER

Processor:	CPU 300 MHz
Printer language/resolution:	PCL5c, PCL6, PostScript® 3™[1]: 600 x 600 dpi/1,200 x 600 dpi equivalent/2,400 x 600 dpi equivalent
Memory:	Standard: 128 MB
	Maximum: 640 MB
Drivers:	PCL5c, PCL6, PostScript® 3™[1]: Windows® 2000/XP/Vista/Server 2003/Server 2008
	Macintosh OS X (Native) v.10.2.8 - 10.5
Fonts:	PCL/PostScript® 3™[1]: 80 fonts

CONNECTIVITY

Network protocol:	TCP/IP, AppleTalk, IPX/SPX
Supported environments:	Windows® 2000/XP/Vista/Server 2003/Server 2008
	Macintosh OS X (Native) v.10.2.8 - 10.5
	Novell® Netware 4.x or later
Interface:	Standard: Ethernet 10 base-T/100 base-TX
	USB 2.0
	PictBridge (SP C232DN only)

PAPER HANDLING

Paper input capacity:	Standard: 1 x 250-sheet paper tray
	1-sheet bypass tray
	Maximum: 751 sheets
Paper output capacity:	Maximum: 150 sheets
Paper size:	Paper trays: A6 - A4
	Bypass tray: A6 - A4
	Optional tray: A4
Paper weight:	Paper trays: 60 - 160 g/m²
	Bypass tray: 60 - 160 g/m²
	Duplex tray: 60 - 105 g/m²
Media:	Plain, recycled, application, glossy, thick, thin, label, colour, pre-printed, pre-punched, letterhead, bond paper; card stock; envelopes. Optional tray: plain, recycled, thin, colour, pre-printed, pre-punched, letterhead paper.

CONSUMABLES

Toner:	C, M, Y: 6,000 (long yield) - 2,500 (short yield) pages*
	K: 6,500 (long yield) - 2,500 (short yield) pages*
Waste toner bottle:	25,000 prints per bottle

The SP C231N/SP C232DN ship with a 1,000-sheet starter kit.
* IEC24712 declared chart, ISO/IEC 19798 colour measurement.

OTHER OPTIONS

Internal options:	256 MB memory
External options:	1 x 500-sheet paper tray

[1] The SP C231N/SP C232DN do not run genuine PostScript® but an emulation.

For availability of models, options and software, please consult your local Ricoh supplier.

RICOH

www.ricoh-europe.com

For more information, please contact