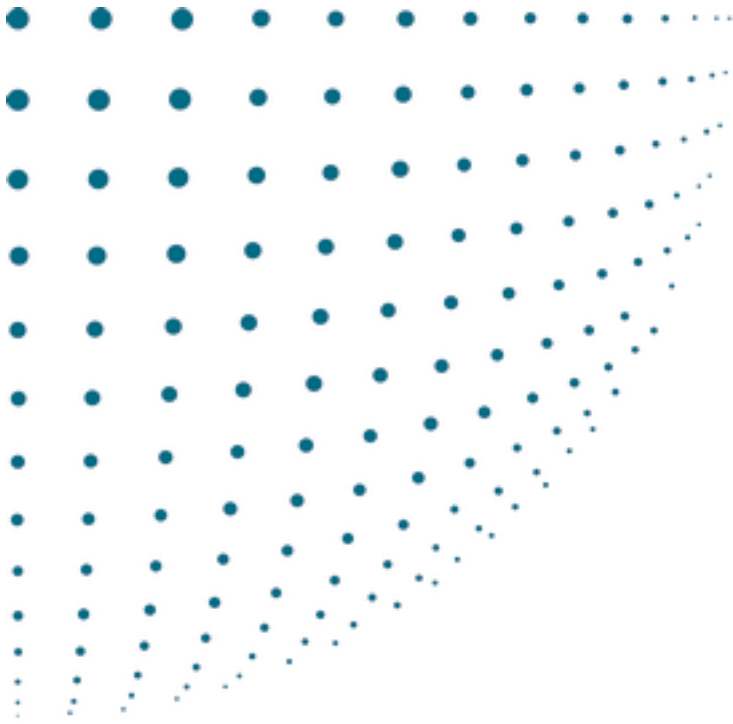Compact, cost-effective and reliable

Aficio™ **SP C320**DN

High performance behind the scenes

You will hardly notice the Aficio™SP C320DN. Day in, day out, it will quietly, reliably and efficiently produce high-quality colour or black and white laser prints at 25 pages per minute. Its small footprint means it fits – almost unseen – on the smallest desktop or shelf. However, what is definitely noticeable is its best-of-class Total Cost of Ownership and low environmental impact. Standard duplexing saves time and paper, while its ECO Night Sensor switches the main power off when darkness falls.

- Low Total Cost of Ownership – low cost per print and standard duplexing.
- Minimal environmental impact – ECO Night Sensor and low power consumption.
- Compact and easy to use and maintain.
- Productive – 25 colour or B/W pages per minute.
- Flexible printing – wide range of media possibilities.

Cut operating costs and environmental impact

FULL COLOUR, LOW COST
Use the Aficio™SP C320DN to produce all the high quality, low cost, full colour business documents you need. Standard duplexing saves time and paper, thus ultimately reducing your company's production costs and environmental impact.

LIGHTS OFF, POWER OFF
The Aficio™SP C320DN's innovative ECO Night Sensor will reduce your electricity bill. It automatically switches off the device's main power when the light levels in the room dip below a certain level. You can set the sensor to activate between 5 and 120 minutes after darkness falls. The ECO Night Sensor detects both the decline of natural and artificial light.

SPACE-SAVING FOOTPRINT
The Aficio™SP C320DN unobtrusively fits onto a small shelf or desktop, thus saving valuable office space. Front/top accessibility means it can even be located against a wall or in a corner. The front-loading paper tray slides back underneath the machine to save space when not in use.

EASY TO USE AND MAINTAIN
Operation of the device could not be easier, thanks to an intuitive 4-line LCD operation panel which clearly displays all functions. The all-in-one toner and drum cartridge is easy to replace within seconds. Changing or adding paper is also straightforward and quick as the device is accessible from top and front. Animated procedures help you troubleshoot in seconds.

HIGHLY PRODUCTIVE

The Aficio™SP C320DN is fast, productive and efficient. After a warm-up time of only 20 seconds, the first B/W or colour print is ready in 13.5 seconds. It prints 25 colour and B/W pages per minute – and there is no reduction in print speed in duplex mode. For efficient networking, a Network Interface Card is provided as standard.

HANDLES ALL TYPES OF MEDIA

The Aficio™SP C320DN prints covers and flyers on heavy paper up to 220 g/m², as well as envelopes, labels and card stock. Print resolution is an excellent 1,200 x 1,200 dpi. Paper capacity is an outstanding 1,100 sheets when the bypass and optional paper trays are installed.

ENVIRONMENTALLY FRIENDLY

At Ricoh we help you lower the environmental impact of your office as well as lowering your Total Cost of Ownership. The Aficio™SP C320DN has eco-friendly and money-saving features such as ECO Night Sensor, low power consumption, fast duplex printing, ultra-low sleep mode, short warm-up time and increased toner yield. Thus it saves paper, time and energy while reducing waste and costs. In addition, Ricoh products are Energy Star compliant. This means less CO_2 is produced in providing the energy needed to run Ricoh devices.

Aficio™ SP C320DN

GENERAL

Technology:	Laser beam scanning & electro-photographic printing
Print speed:	Full colour: 25 prints per minute B/W: 25 prints per minute
Warm-up time:	Less than 20 seconds
First print speed:	13.5 seconds
Dimensions (W x D x H):	400 x 480 x 387 mm
Weight:	Less than 29 kg
Power source:	220 - 240 V, 50 - 60 Hz
Power consumption:	Maximum: Less than 1.3 kW Energy saver mode: Less than 5.5 W
Duty cycle:	75,000 pages per month

CONTROLLER

Processor:	533 MHz
Printer language:	Standard: PCL5c, PCL6, PostScript® 3™[2], PDF Option: PictBridge
Printer resolution:	600 x 600 dpi/600 x 600 dpi (2 bit)/1,200 x 1,200 dpi
Memory:	Standard: 384 MB Maximum: 768 MB
Fonts:	PCL: 45 fonts + 13 International Fonts PostScript® 3™[2]: 80 fonts

CONNECTIVITY

Network protocol:	TCP/IP, AppleTalk, IPX/SPX, IP SEC
Supported environments:	Windows® 2000/XP/Vista/7/Server 2003/Server 2008, Citrix Presentation Server 4.0/4.5, Macintosh OS 8.6-9.2.X (OS X Classic), Macintosh OS X v10.2. or later (native mode), Novell® Netware® v6.5 or later
Interface:	Standard: USB 2.0, 10 base-T/100 base-T Ethernet, USB 2.0 Host Option: Bi-directional IEEE 1284/ECP, Gigabit Ethernet, Wireless LAN (IEEE 802.11a/g)

SOFTWARE SOLUTIONS

Font Manager 2000, Web Image Monitor

PAPER HANDLING

Paper input capacity:	Standard: 500-sheet paper tray 100-sheet bypass tray Maximum: 1,100 sheets
Paper output capacity:	Up to 150 sheets (75 g/m²)
Paper size:	Standard paper tray: A5 - A4 (minimum: 148 x 210 mm, maximum: 216 x 356 mm) Bypass tray: A6 - A4 (minimum: 64 x 125 mm, maximum: 216 x 1,260 mm) Optional paper tray: A4
Paper weight:	Paper trays: 60 - 163 g/m² Bypass tray: 60 - 220 g/m²
Media:	Standard paper tray: Plain paper, middle thick/thick paper, recycled paper, colour paper, letterhead, pre-printed/thin paper, coated paper (glossy & matted), special paper, label paper Optional paper tray: Plain paper, middle thick/thick paper, recycled paper, colour paper, letterhead, pre-printed/thin paper Bypass tray: Plain paper, (middle) thick paper, recycled paper, colour paper, letterhead, pre-printed/thin paper, coated paper (glossy/thick, matted/thick), special paper, label paper, envelopes

CONSUMABLES

Toner:	C, M, Y: 6,600/2,800 pages[1] (high/short yield) K: 7,200/2,800 pages[1] (high/short yield)
Maintenance kit:	90,000 prints per unit
Transfer belt unit:	90,000 prints per unit
Waste toner bottle:	55,000 prints per bottle

The Aficio™SP C320DN ships with a 2,800-sheet starter kit.

OTHER OPTIONS

Internal options:	256/512 MB memory, 80 GB HDD with HDD encryption unit & Data Overwrite Security Unit), Wireless LAN (IEEE 802.11a/g), PictBridge, VM card, Bi-directional IEEE 1284/ECP, Gigabit Ethernet Board, NetWare
External option:	500-sheet paper tray

[1] IEC24712 declared chart, ISO/IEC 19798 colour measurement.

[2] The SP C320DN does not run genuine PostScript® but an emulation.

Ricoh has designed this product to meet EC ENERGY STAR guidelines for energy efficiency.

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

ISO9001 certified, ISO14001 certified

RICOH

www.ricoh-europe.com

For more information, please contact