RICOH
imagine. change.

A3 Colour Printer

SP C840DN
SP C842DN

☑ Printer



SP C840DN	SP C842DN
45 ppm Black & White / Full Colour	60 ppm Black & White / Full Colour

Fast processing. Only the highest of quality.

Faster colour processing and best-in-class finishing options are only the start of the benefits. In fact, our latest A3 colour line-up can help you do more than ever. The SP C840DN and SP C842DN devices feature a 1,200 x 1,200 dpi image quality, 45ppm and 60ppm speeds and offer new ways to exceed your needs. And because they feature our Smart Operation Panel, you can preview jobs on the 10.1 inch screen and do much more in-house, so you can offer your business and customers a seamless, high-quality colour experience.

- The first A3 colour printer with our Smart Operation Panel
- Faster processing of high data-volume colour print jobs
- Huge range of finishing options for professional, in-house output
- Highest standard paper-capacity in its class: 1,200 sheets
- Robust, reliable and low Total Cost of Ownership





Get a complete view of everything.

The most stand-out feature of this range is the 10.1 Smart Operation Panel that allows you to quickly preview every job. Its quick, intuitive interface gives one-touch access to common features and makes complex layout and finishing options so easy to configure. So now it’s even easier to touch, swipe and get the job done. To further integrate it within your office environment, you can even make the panel visually unique with a tailored look, layout and content that fits your brand and business.

Innovation never ends.

The only printer in its class to offer the ability to bind documents together without the need for a traditional metal staple, Ricoh’s ground-breaking stapleless finisher is designed to conserve resources and enable documents to be shredded or recycled when they reach the end of their lifecycle. The Internal Multifold option also means you can offer a wider variety of collateral folding abilities without requiring extra space. And you can utilise these benefits for in-house marketing applications without sending files off-site. All this is combined with the best environmental specifications in their class.

Interaction’s never been easier.

Move faster. Do more.

When you want seamless delivery, these devices offer 45ppm or 60ppm output for large workgroups. Their powerful controllers and standard memory features an Intel processor, meaning they’re the ideal partners for either black or white, but especially colour print jobs. And with a fast first-page print time, you spend less time waiting for colour printing jobs and more time creating fantastic colour output.



The benefits are clear.

The 10.1 inch Smart Operation Panel helps you accelerate and simplify operations and tailor your own applications for frequently used functions, which saves you time and helps you provide totally seamless outputs. And thanks to its connectivity including the ability to operate from mobile device, it also features internet access via a full browser direct from the panel, so you can do so much more and reach your goals.



The perfect finish.

These are the only devices in their class to feature staple-less finisher options and an internal multi-fold unit for in-house leaflet production, enabling you to create collateral that would normally be outsourced. They also offer the highest standard paper capacity in comparable machines, with 1,200 sheets available from two trays and a bypass.



Designed to be reliable.

Cutting-edge technology has to be robust. But it can’t be at any cost. That’s why these devices offer a reliability you can count on, a low total cost of ownership and environmental sustainability too. We’ve minimised their impact thanks to the lowest power consumption in their class and they both meet the strictest environmental sustainability criteria. Meaning your business can continue to thrive, and the environment too.



Putting you in control.

Volume matters.

For higher print volume needs, these printers can handle up to 4,700 sheets. Which is one of the highest paper capacities in their class - giving you the flexibility to initiate long-run printing and spend less time going back and forward refilling trays.



Go to even greater lengths.

Adding to their already supreme flexibility, the SP C840DN and SP C842DN also offer the ability to print more in-house. And when you consider that you can also utilise banner printing of up to 126cm length sized paper, it means you can do so much more on-site and reach more employees and customers alike.



Another level of options.

As you know, paper can come in varying weights, and to give it that premium feel, sometimes you just have to use a heavier stock. With the ability to print up to 300 gsm, you can offer more to your internal and external customers. And you can even print on both sides, with the ability to print on a maximum of 256 gsm for double sided printing.



As reliable as you are.

The environment wins. Everyone wins.

With a quick start up system which reduces Total Electricity Consumption (TEC) values, these models also feature a power-save mode and on/off timer to further cut energy consumption and costs. Of course, over time, this leads to increased operational efficiency, and ultimately reduced Total Cost of Ownership.

Exceeds every expectation.

BAM certification standards are specified in detail by the German Federal Environment Agency. They look at each method throughout the production process – from manufacturing to the disposal of applicable products – and only if each stage meets the criteria, is the certificate granted. These devices are BAM certified so you can be sure that they meet the most stringent standards.



All the quality features you need.



1. Intuitive 10.1 inch Smart Operation Panel
2. Paper capacity of up to 4,700 sheets
3. Internal multi-folding unit that has a variety of options
4. Stapless finishing with 1,000 sheet Hybrid Finisher
5. Powerful Intel processor

SP C840DN/SP C842DN

MAIN SPECIFICATIONS

GENERAL

Technology:	Laser
Warm-up time:	22/20 seconds
First output speed:	Full colour: 5.7/4.6 seconds B/W: 4/3.1 seconds
Print speed:	Full colour: 45/60 pages per minute B/W: 45/60 pages per minute
CPU:	Intel Celeron-M: 1.75 GHz
Memory:	Standard: 2 GB
HDD:	Standard (SP C842DN): 320 GB (Encryption/Data Overwrite Security unit) Option (SP C840DN): 320 GB (Encryption/Data Overwrite Security unit)
Duty cycle:	200,000 prints per month
Duplex:	Yes
Dimensions (W x D x H):	587 x 685 x 864 mm
Weight:	85 kg
Power source:	220 - 240 V, 50/60 Hz

PRINTER

Printer language:	Standard (PCL5c, PCL5e, PCL6, PostScript 3 (emulation), PDF direct (emulation)), Option (Genuine Adobe ® PostScript® 3™ (option), IPDS, PictBridge, XPS direct, PDF Direct from Adobe®)
Print resolution:	1,200 x 1,200 dpi/2bit
Fonts:	PCL (93 fonts), PS3 (Emulation) (TrueType: 93 fonts)
Interface:	Standard: Ethernet 10 base-T/100 base-TX/1000 base-T Option: USB 2.0, Bi-directional IEEE 1284, Wireless LAN (IEEE 802.11a/b/g/n), USB Server for Second Network Interface
Network protocol:	TCP/IP (IP v4, IP v6), Bonjour, IPX/SPX, AppleTalk, AppleTalk (auto switching), SMB, Ipsec, IPP
Windows® environments:	Windows® 7, Windows® 8.1, Windows® 10, Windows® Server 2008, Windows® Server 2008R2, Windows® Server 2012, Windows® Server 2012R2
Mac OS environments:	Macintosh OS X v10.8 or later
UNIX environments:	UNIX Sun® Solaris HP-UX SCO OpenServer: 5.0.76.0 RedHat® Linux: 8.x9.x RedHat® Linux Enterprise: 456 IBM® AIX: V4.35L v5.15L v5.25L v5.35L v6.15L v7.1 IBM® System i5™ HPT
SAP® R/3® environments:	SAP® R/3®

PAPER HANDLING

Recommended paper size:	Standard paper tray(s) (SRA3, A3, A4, A5, A6, B4, B5, B6), Bypass tray (A3, A4, A5, A6, B4, B5, B6, SRA3, C5, C6)
Paper input capacity:	Standard: 1,200 sheets Maximum: 4,700 sheets
Paper output capacity:	Maximum: 3,500 sheets
Paper weight:	60 - 300 g/m² Bypass tray: 52 - 300 g/m² Duplex: 52 - 256 g/m² - g/m²

SECURITY

Authentication:	Windows® authentication, LDAP authentication, Basic authentication, User code authentication, 802.1.x wired authentication, Integration server authentication
Network security:	Disable/Enable ports and protocols, SSL support, SNMPv3 support

ECOLOGY

Power consumption:	Maximum: 1,850 W Ready mode: 52.1 W Sleep mode: Less than 0.81 W TEC (Typical Electricity Consumption)*: 0.55/0.8 kWh

* It is a reference value based on the ENERGY STAR Ver.3.0 test method.

OPTIONS

1 x 550-sheet paper tray (SP C840DN, SP C842DN), 2 x 550-sheet paper tray (option), 2,000-sheet large capacity tray, 1,500-sheet side large capacity tray, 1,000-sheet Hybrid finisher, 3,000-sheet finisher, 1,000-sheet booklet finisher, 4-bin mailbox, Cabinet, IPDS unit, SRA3 unit, XPS direct print, NFC Card Reader, Internal multi-fold unit, Attention light

CONSUMABLES

Toner capacity:	Black: 43,000 prints Cyan: 34,000 prints Magenta: 34,000 prints Yellow: 34,000 prints Declared yield value: Declared yield value in accordance with ISO/IEC 19798

45/60

4,700

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

RICOH @Remote

ISO9001 certified, ISO14001 certified, ISO27001 certified

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