

you can  
**Canon**

**CLC3220**  
Colour printing system

**Professional Print Solutions**

Setting new standards in  
light colour production



CLC3220

When your business income depends on short run colour, only the best is good enough. That's why the new Canon CLC3220 is the perfect light production tool for Central Reproduction Departments and Print For Pay professionals.

### Incredible colour quality and consistency

Canon's unique S-type spherical toner produces superior offset-quality matt finish. So you get professional looking documents which are easy to mark up for editing and proofing. Print resolution is a very fine 2,400dpi equivalent x 600dpi with 256 colour gradations. Use Tag Bit technology to reproduce different screen resolutions on the same page for text and images. For reliable colour, the reduced temperature sensitivity of the CLC3220 enables it to deliver amazing consistency with less time consuming calibration.

2,400dpi



conventional toner particle



Canon spherical toner particle

Canon can help you to exceed customers' colour expectations rather than just matching them

## Now you can supply the colour and variety your customers demand

With its choice of cutting edge colour controllers and network document handling capabilities, this affordable and versatile device – from Canon, the first name in professional colour technology – gives you a competitive edge through superior colour quality and end to end workflow efficiency. Designed for ease of use and built for productive printing and extensive finishing it sets high standards for colour production. So you can deliver professional colour profitably and save money to invest elsewhere in your business.

## Impressive print production

Choose from two powerful controllers – with industry leading Fiery technology – for fast 32 prints per minute output (27ipm duplex)

**32ppm**  
27ipm Duplex

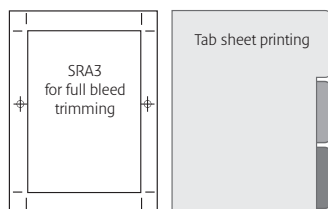
with less pre-press time and no compromise on colour critical applications.

**5000** sheet capacity  
Use the 5,000 sheet paper capacity, refill-while-print feature and 6 way paper

feeding for longer print runs with minimal operator intervention. And select the configuration that maximises your productivity from separate printer, scanner and document handling modules.

## Multiple media options

The CLC3220 accepts a wide range of printing materials in all weights from 64-253gsm and all sizes from postcard to SRA3. The latter size is essential in commercial printing because it guarantees A3 print area and allows for crop marks and full bleed after trimming.



The advanced paper handling capacity also supports tab sheet printing and insertion, with auto duplexing available up to a heavyweight 209gsm.

64-253gsm

A6 to  
SRA3

## Professional finishing capabilities

A range of in-line finishing options makes the CLC3220 a complete production unit. From simple stacking and stapling to folding and saddle stitching for professional booklet production – everything can be produced quickly and easily for your print clients with minimum manual intervention

## Enhanced colour print efficiency

Advanced colour printing demanded by clients requires enhanced control. The optional colour controllers enable you to maximise the functionality of the CLC3220.

Enhanced colour accuracy

Improved job control

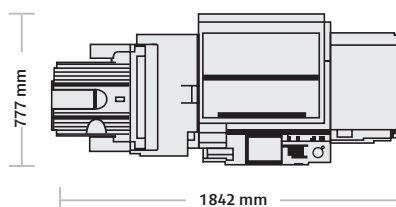
Streamlined document workflow

## Less downtime & more user friendly

The CLC3220 is designed to maximise uptime. Canon's straight paper path reduces jams while user replaceable units, such as toner and drum cartridges, are simple to replace via side access to the device, without having to call out an engineer. For easy system operation, the familiar touch panel colour display screen provides clear menu navigation for every procedure. The remote user interface (RUI) with a built-in web browser function also offers users total control from connected workstations.

## Compact design

In a print room with limited floor area, the small footprint of the versatile CLC3220 is a big advantage. Even fully configured, it is very compact and saves the space normally occupied by several devices.



## Complete network control

Using intelligent tools, the CLC3220 becomes a network communication hub. Store colour documents and create new documents combining scanned originals and electronic data from different applications. With Universal Send communication, you can scan in colour documents and send them electronically to a client's email address, a file server or a database. You can also encrypt PDFs with a password for added information security. Add this to the print and management capabilities of your colour controllers and you have streamlined job flow throughout your production network.

## Future proof Java platform

To give your CLC3220 many more potential uses, Canon has introduced MEAP (Multifunctional Embedded Application Platform). This Java platform will enable Canon and our partner software developers to integrate future applications into the device – custom-built for your organisation.

**meap**  
POWERED BY

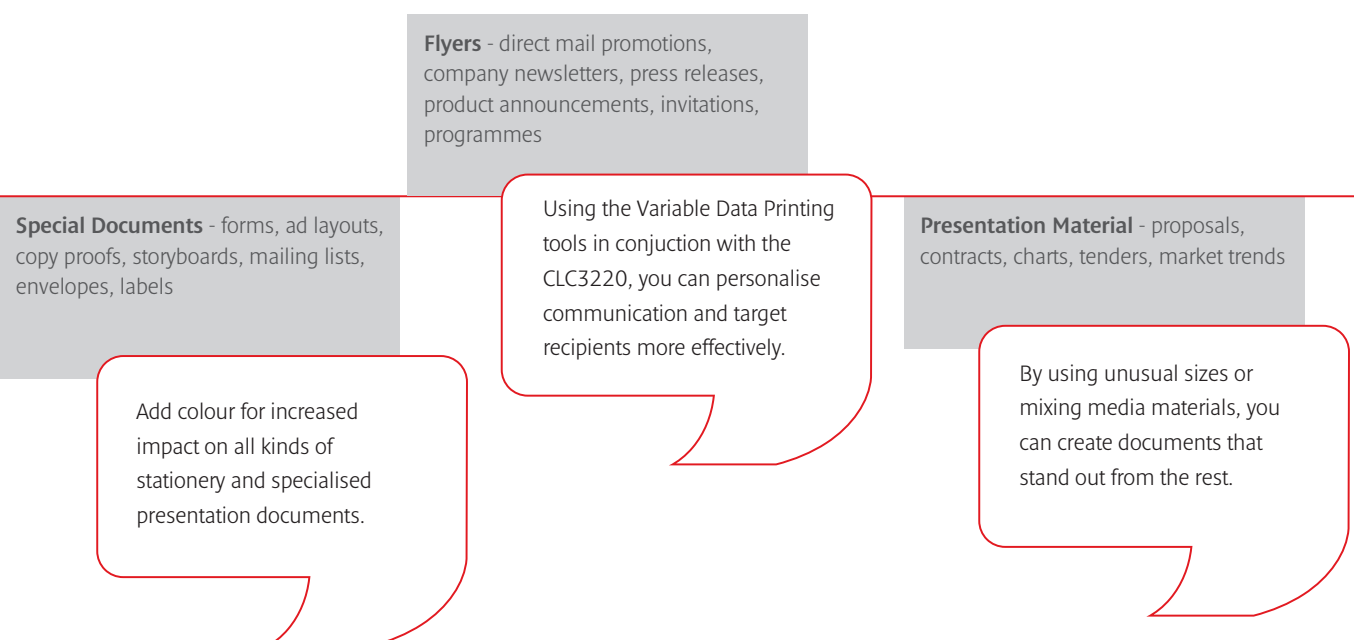


## Key print applications for the CLC3220

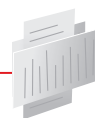
### Use colour consistently and intelligently

Being as good as the next short run colour supplier is no longer good enough. With the wide variety of print applications now available from the CLC3220, you can add innovation and originality to consistent colour performance - giving you and your customers a major competitive edge.

Create documents with folded inserts and staple or stitch finishing for polished presentations. Put together complex documents from different applications without the time and effort of manual collation. Store them electronically for easy amends or rapid reprints. And use the CLC3220 as an all in one document production centre.



Canon can help you to be as flexible in your colour production as your customers need you to be



Group/Collate

+



Stack

+



Staple

+



Tab printing

+



V Fold

+



Saddle Stitch/Booklet

=

**Total Document Production**



**Reports & Manuals** - schedules, expense reports, booklets, minutes, training / technical manuals, surveys, study documents

**Correspondence** - internal and external letters, memos, administrative documents, letterheads

Incorporate tabs for highly professional looking documents with easy reference.

Use Canon's advanced colour management to ensure accurate reproduction of logos and key corporate colours.

## Flexible functionality

Use the CLC3220 for everything from colour copying to full document production and electronic communication as a:

- ▮ colour network printer
- ▮ network printer/copier/scanner
- ▮ network printer/copier/scanner/finisher
- ▮ colour copier only

### 1 Optional Colour Scanner

The Image Reader C1 is an advanced colour image reader with scanning size up to A3 at up to 600dpi resolution. Adding this can increase the functionality of your CLC3220 in a number of ways. You can read images on the device and use it as a high quality 32ppm colour copier. You can combine the Image Reader together with the optional colour controllers to use it as a LAN scanning device for your network. Using Canon's Universal Send you can scan in and send colour documents directly in electronic form to e-mail addresses, PC mailboxes, desk tops or a company server or database.

### 2 Optional Document Handler

For fast and easy scanning and printing - including duplexing - the DADF -K1 automatically feeds in up to 30 A4 pages per minute. It can handle media weights up to 105gsm and sizes up to A3. Combined with Canon's Accelerated Paper Feeding Method for high speed stable output, this gives you maximum productivity at both ends of the printing and copying process.



### 3 Finishing Options

Finishing capability is an important added value service in professional print environments. Recognising this, Canon offers 3 levels of professional on-line finishing for the CLC3220 offering impressive flexibility and 1,000 capacity per output tray for handling customer application requirements:

#### Finisher N2 (pictured)

With three output trays for streamlined output, this sophisticated finisher can make finished, saddle-stitched booklets of up to 60 pages. Documents can also be grouped, collated or staple/collated (up to 50 pages in a stapled set).



#### Finisher N1

Enables documents to be grouped, collated and stapled – offering a choice of corner stapling or double stapling up to 50 pages per set.



#### Finisher M1

Enables sorted or grouped documents of up to 30 pages per set to be stapled – offering a choice of corner stapling or double stapling.



### 4 Cassette Feeding Unit

The versatile paper handling of the CLC3220 makes it ideal for high speed, high quality short colour runs from 500 to 5,000 prints. The standard 1,100 sheet capacity comprises a 2x550 sheet paper cassette feeding unit and a 100 sheet Manual bypass and 6 way paper feeding for handling different stock materials (eg tab sheets, coloured covers, transparencies) on the same job. The standard cassette feeding unit and the optional cassette feeding unit are all universal cassettes, which means they support any standard paper sizes A5R-A3 (305 x 457mm), simply by moving the paper support gliders - this is a print device perfectly designed for professional print.

### 5 Optional Side Paper Deck

For continuous print productivity, the optional side deck can add a further 2,700 A4 sheets to the capacity of the CLC3220, offering a total capacity of 5,000 sheets for unmanned operation of large jobs. The optional Side Paper Deck handles A4 size paper.

### Colour Network Controllers

Networkability and outstanding print performance are achieved through 2 optional professional controllers which offer enhanced job control, job submission, colour management, colour compression (to stop colour files from congesting your network) and full end to end document production with professional on-line finishing capabilities.

### Optional Software tools

The optional controllers provide a number of useful software applications including advanced colour management tools (for output quality and consistency) and job monitoring and controlling. Canon also offer other software applications, such as variable data printing, which enhance your document handling capabilities through the CLC3220.

## Colour configured to suit your production needs

Canon offers you a colour production system that does exactly what you need it to do.

The CLC3220 is a modular system designed to meet your specific light colour production requirements. Its optional range of robust hardware solutions and intelligent software accessories are designed to match the advanced job handling of production workflows in the short run colour print environment. So you can achieve exceptional productivity, regardless of job complexity.

# Specifications CLC3220

Type Imaging System Developing System Fixing System CPU Image Server Memory MEAP Enabled Interface First-copy Time Warm-up Time Originals Maximum Original Size	Colour Digital Multifunctional Imaging System Laser Dry Electrostatic Transfer Dry Ni Component System Heat Roller Fixation System Dual Canon Custom Processor, 250MHz Standard 1024MB, 40GB HDD Yes Standard Ethernet (100BASE-TX / 10BASE-T) 9.8 sec. B&W 13.1 sec. Full Colour Max 6 min. Sheets, books and solid objects (Up to 2 Kg) A3																		
<b>COPY SIZES</b> Cassette Stack Bypass Image Server Mail Boxes Copy Reservation	A5R - A3+ (305 x 457mm) A5R - SRA3 (320 x 450mm) 40GB Support for Max 100 Mail boxes 5 Jobs																		
<b>RESOLUTION</b> Scanning Copying Printing Halftone Density Adjustment	600 x 600dpi 600 dpi x 600 dpi (colour & b/w) Up to 2400 dpi equivalent x 600 dpi (colour & b/w) 256 Gradations Automatic Exposure/Manual																		
<b>ENGINE SPEED</b> Paper Side Single Auto Duplex Transparency	<table border="1"> <thead> <tr> <th>Paper Type</th> <th>Copy Speed A4</th> <th>Copy Speed A3</th> </tr> </thead> <tbody> <tr> <td>Plain Paper (64105gsm)</td> <td>32</td> <td>16</td> </tr> <tr> <td>Thick Paper (106 253gsm)</td> <td>16</td> <td>8</td> </tr> <tr> <td>Plain Paper (64 105gsm)</td> <td>13.5</td> <td>6.5</td> </tr> <tr> <td>Manual Feed</td> <td>6 (A4, LTR)</td> <td>-</td> </tr> <tr> <td>Cassette</td> <td>6 (A4, LTR)</td> <td>-</td> </tr> </tbody> </table>	Paper Type	Copy Speed A4	Copy Speed A3	Plain Paper (64105gsm)	32	16	Thick Paper (106 253gsm)	16	8	Plain Paper (64 105gsm)	13.5	6.5	Manual Feed	6 (A4, LTR)	-	Cassette	6 (A4, LTR)	-
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Duplex (Auto) Duplex (Manual) Magnification Standard Mode Preset Reduction Preset Enlargement Zoom Mode Multiple Copies/Prints	A5R/A4R/A4/A3/305x457mm 64-209gsm Support from Stack Bypass/Cassette A5R/A4R/A4/A3/305x457mm 64-253gsm 100% 25%, 50%, 61%, 70%, 81%, 86% 115%, 122%, 141%, 200%, 400% 25% - 400% (in 1% increments) 1 to 999																		
<b>PAPER SUPPLY</b> Standard Optional Max. Total Paper Weights Dimensions Weight Power Requirements Power Consumption	Dual 550-sheet Universal Paper Cassettes (Up to 305 x 457mm) (1100 Sheets at 80 g/m <sup>2</sup> ) Stack Bypass (Up to 320 x 457mm) (100 Sheets at 80 g/m <sup>2</sup> ) Dual 550-sheet Universal Paper Cassettes (Pedestal C-1) (Up to 305 x 457mm) (1,100 Sheets at 80 g/m <sup>2</sup> ) Paper Deck - 2,700 A4 Sheets at 80 g/m <sup>2</sup> = 5,000 Sheets at 80 g/m <sup>2</sup> 64 to 209 g/m <sup>2</sup> (Cassettes) 64 to 253 g/m <sup>2</sup> (Manual) 710mm x 620mm x 786mm 126 kg 240V, 6.2A, 50Hz/60Hz 1.5kw max																		
<b>COLOUR UNIVERSAL SEND KIT-A2 (OPTIONAL)</b> Preview Access Sending Methods Address Book File Format Sending Sizes	Multipage document preview function Single Sign On (Windows 2000 Server), Single Device Log-In (SDL) e-Mail, iW Document Manager to Server (FTP,SMB,NCP) LDAP and Ad Hoc entry and storage Single page TIFF, multi-page TIFF, PDF, Multi page PDF A5 -A3																		
<b>COLOUR IMAGE READER-C1 (OPTIONAL)</b> Scanning Resolution Scanning Speed Colour B/W Scanning Area Driver Dimensions (H x W x D) Weight	up to 600x600 dpi 23ipm (600dpi), 36ipm (300dpi) 36ipm (600dpi) Up to A3 Network Twain (Optional) 87mm x 585mm x 543mm 13.5kg																		
<b>DADF-K1 (OPTIONAL)</b> Original Sizes Original Weights Original Capacity Dimensions (H x W x D) Weight	A5 - A3 52 - 105 g/m <sup>2</sup> 30 sheets (A4) 15 sheets (A3) 165mm x 580mm x 506mm 12.8 kg																		

<b>PEDESTAL-C1 (OPTIONAL)</b> Dimensions (H x W x D) Weight	312mm x 620mm x 705mm 24 kg
<b>CASSETTE FEEDING UNIT-X1 (OPTIONAL)</b> Number of Drawers Paper Capacity Acceptable Paper Weights Dimensions (H x W x D) Weight	2x Front-loading adjustable universal drawers 2 x 550 Sheets 64 - 209 g/m <sup>2</sup> 312mm x 620mm x 705mm 30 kg
<b>PAPER DECK-P1 (OPTIONAL)</b> Paper Size Paper Weights Capacity Dimensions (H x W x D) Weight	A4 64 - 209 g/m <sup>2</sup> 2,700 sheets at 80 g/m <sup>2</sup> 432mm x 324mm x 591mm 30 kg
<b>FINISHER-M1 (OPTIONAL)</b> Number of Trays Acceptable Paper Sizes Acceptable Paper Weights Max. Capacity (per tray) Staple Mode Staple Cartridge Dimensions (H x D x W) Weight	One A5R - A3 and 305 x 457mm 64 to 253 g/m <sup>2</sup> 1,000 Sheets (A4) 500 Sheets (A3) 30 Sheets (A4) 15 Sheets (A3) Staple-L1 (3 Cartridge/Case; 3000 Staples Cartridge) 362mm x 574mm x 553mm 18 kg
<b>FINISHER-N1 (OPTIONAL)</b> Number of Trays Acceptable Paper Sizes Acceptable Paper Weights Max. Capacity (per tray) Staple Cartridge Dimensions (H x D x W) Weight	Two A5R to A3 and 305 x 457mm 64 to 253 g/m <sup>2</sup> 1,000 Sheets (A4, B5, A5R) 500 Sheets (A3, B4, A4R, B5R) Staple-E1 (3 Cartridge/Case; 5000 Staples Cartridge) 1066mm x 682mm x 615mm 37 kg
<b>SADDLE FINISHER-N2 (OPTIONAL)</b> Number of trays Acceptable Paper Sizes Tray Capacity Booklet Output Capacity Staple Position Stapling Capacity Saddle-stitch Specifications Paper Sizes Paper Weight Stapling Capacity Folding Staple Cartridge Dimensions (H x W x D) Weight	Three (top/middle) & (bottom for booklet output) A5R to A3 and 305 x 457mm 1,000 Sheets top & middle tray (A4, B5, A5R) 500 Sheets (A3, B4, A4R, B5R) 1-5pgs = 25 booklets, 6-10 pgs = 15 booklets, 11-15 pgs = 10 booklets Multi-position Stapling (1) Top Corner (2) Side Margin (3) Saddle-stitch 50 Sheets (A4) 15 Sheets Saddle-stitched (A4, A3) A4R, A3 64 to 209g/m <sup>2</sup> , 64 to 253g/m <sup>2</sup> (Cover only) 15 Sheets (60 pages) V-folding Standard Staple-D2 (3 Cartridge/Case; 2000 Staples Cartridge) Staple-E1 (3 Cartridge/Case; 5000 Staples Cartridge) 1066mm x 682mm x 615mm 57kg
<b>COPY TRAY UNIT-H1 (OPTIONAL)</b> Number of Trays Capacity Dimensions (H x D x W) Weight	One 100 Sheets (A4) 134mm x 254mm x 371mm 1 kg
<b>SUPER-G3 FAX BOARD-M2 (OPTIONAL)</b> Applicable Line Connection Lines Transmission Time Compression System Sending Sizes Auto Dial Functions Image Memory Max. Confidential Fax Inboxes	Public Switched Telephone Network (PSTN) One ECM-MMR Approx. 3 seconds per page** (@33,600Kbps) MMR, MR, MH, JBIG A5R to A3 Address Book: 1800 Destinations (Total) Approx. 3,700 pages 100
Accessories	USB Application Interface Board-C1, Image Reader-C1, DADF-K1, Colour Universal Send Kit-A2, Colour Universal Send PDF Encryption Kit-A1, Resolution Switching Board-A2, Super-G3 Fax Board M2, iR Security Kit -A1, Token Ring Network Board TB-84, Plain Pedestal-C1, Cassette Feeding Unit -X1, Paper Deck-P1, Finisher-M1, Finisher-N1, Saddle Finisher-N2, Copy Tray-H1, Document Tray-J1, FL Cassette-X1, Key Switch Unit -A2, Card Reader- D1, Card Sets.
**Approximate 3-second-per-page fax transmission time based on ITU-T No.1 Chart (MMR, Standard Mode) at 33.6 Kbps modem speed when transmitting to another v.34 machine. The Public Switched Telephone Network (PSTN) currently supports 28.8 kbps modem speeds or lower, depending on telephone line conditions.	
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