

CLC5100 / CLC4000 Specifications

Type	Console			
Print/Copy Process	Laser Electronic Transfer System			
Copy/Print Speed				
	Paper Side	Paper Type	Copy Speed A4	Copy Speed A3
Single		Thin Paper (64-79gsm)	35	18
		Plain Paper (80-105gsm)	51 (40)	25
		Heavy Paper (106-163gsm)	30	15
		Extra Heavy Paper (164-253gsm)	22	11
Auto-Duplex		Plain Paper (90-105gsm)	20	10
		Heavy Paper (106-163gsm)	13.5	7.5

The value in brackets indicate the use of the CLC4000.
Speeds are quoted from Paper Deck R1.

Resolution (dpi)	800 dpi equivalent x 400 dpi
Toner Type	Non magnetic negative toner
Gradation	256 gradations per colour
Magnification	25-400% (in 0.1% increments)
Max Monthly Page Volume	100.000
FCOT	14 seconds (full colour)
Warm Up Time	9 minutes or less (depending upon ambient environment)
Max Original Size	A3
Max doc size (mm)	305 x 457mm
Automatic Stackless Duplexing	Std (90-163gsm)
Manual Duplex	Y
Buffer Pass Unit D1	Std (mandatory accessory)
Multiple Copy	1 to 999
Paper Size	
Cassette	A3/A4/A4R/A5R
Manual Feed	(12"x18")/A3+/A3/A4/A4R/A5R/Postcard/305x457mm
Paper Deck	(12"x18")/A3+/A3/A4/305x457mm
Auto Duplex	(12"x18")/A3+/A3/A4/A4R/A5R/305x457mm
Paper Materials	
Cassettes One and Two	Thin Paper (64-79gsm) Plain Paper (80-105gsm) Transparency (A4 1st side only)
Manual Feed	Thin Paper (64-79gsm) Plain Paper (80-105gsm) Heavy Paper (106-163gsm) Extra Heavy Paper (164-253gsm) Transparency (A4/A4R 1st side only) Postcard/Coated Paper

Standard Mandatory Paper Deck	Plain Paper (80-105gsm) Heavy Paper (106-163gsm) Extra Heavy Paper (164-253gsm) Transparency (A4 1st side only) Coated Paper
Auto Duplex	Plain Paper (90-105gsm) Heavy Paper (106-163gsm)
Manual Duplex	Thin Paper (64-79gsm) Plain Paper (80-105gsm) Heavy Paper (106-163gsm) Extra Heavy Paper (164-253gsm)
Standard Paper Capacity	2 cassettes: 550 sheets each @ 80gsm (A5R-A3) Stack Bypass: 250 sheets @ 80gsm (A5-A3+) (305 x 457mm) 3500 Sheet Paper Deck @ 100gsm (A4-A3+) (305 x 457mm)
Maximum Paper Capacity	4850 sheets with Paper Deck (mandatory)
Special Papers	Coated Paper (through Stack Bypass, Paper Deck R1) Transparencies (through Cassettes, Stack Bypass and Paper Deck R1)
Copy Features	Colour Adjustment Creative Functions Job Memory Mixed Size Originals Image Overlay Department ID Codes Framing/Blanking Cover Insertion
Options	RDF E3 Staple/Sorter Finisher F2 Stacker B1 Large Paper Deck R1 [3500 sheets] (mandatory accessory) Editor F1 3m cable for Editor F1 Editor Board C1 Stack Bypass Alignment Tray A1 Interface Board E1 Document Tray H1 Buffer Pass Unit D1 (mandatory accessory)
CLC5100/CLC4000 Dimensions (WxDxH)	2787 x 730 x 1000mm (Paper Deck/Buffer Unit are mandatory)
Weight (main unit)	619kg (Paper Deck/Buffer Unit are mandatory)
Power Requirements	UK: 230V@13A x 2
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you can
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Canon Inc.
30-2, Shimomaruko 3-Chome, Ohta-ku,
Tokyo 146-8501, Japan
www.canon.com

Europe, Africa and Middle East
Canon Europa N.V.
P.O. Box 2262, 1180 EG Amstelveen,
the Netherlands
www.canon-europe.com

English Edition 0042W629
© Canon Europa N.V., 2003 (1103)

Canon (UK) Ltd
Woodhatch
Reigate
Surrey
RH2 8BF
Telephone No: 08000 353535
Facsimile No: 01737 220022
www.canon.co.uk

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CLC5100/CLC4000
short run
digital colour production systems

*Maximising productivity
for short run colour production*





*Consistently high image quality for outstanding,
on-demand digital colour*

Canon takes professional digital colour production to new levels of perfection - in terms of exceptional colour quality, productivity, versatility and reliability. Select the CLC5100 for heavy production environments, providing ultra fast, cost-effective, short run colour - or the CLC4000 for excellent yet affordable entry-level, high volume production. Both devices utilise Canon's latest leading-edge technology, offering innovative features capable of fulfilling a wide range of applications. This enables you to meet the precise needs of your customers, while ensuring an optimum return on your investment.

EVERY STAGE OF PRODUCTION IS EFFORTLESS

Canon's CLC 5100/4000 short-run digital colour production systems are ideal solutions for any high-volume production environment that demands quick turn around and high image quality. They boost productivity by broadening the capabilities of Commercial Printers, Corporate Reprographic Departments/In-house Print Rooms and Quick Printers - whilst maintaining the sharpest image quality imaginable. AIR (Auto Image Refinement) and Algorithm Screening technologies provide a high 800 x 400 dpi equivalent print resolution with 256 tones, ensuring superior and consistent image quality that you can always rely on.





A COMPLETE SOLUTION FOR CRDS & IN-HOUSE PRINTERS

Intensive, multi-job production print environments require total print solutions. The CLC5100 and CLC4000 are capable of increasing your productivity and also provide applications diverse enough to satisfy all your client needs.

When coupled with a Canon Colour Controller, they seamlessly integrate into all popular platforms and networks, creating powerful and complete print-on-demand systems. Web connectivity through any Java-enabled browser allows easy and effective job management and control via the internet.

JOB VERSATILITY & FLEXIBLE FINISHING

All jobs submitted can be centrally managed and automated through one single user interface. Jobs can also be processed whilst the devices carry on printing, therefore meeting the needs of extreme printing environments where there is an ongoing need to improve productivity and conserve valuable resources, especially engine and operator time.

Produce multi-page reports, brochures or any large or complex documents. High-quality, user-friendly imposition technology provides outstanding results. The CLC5100 and CLC4000 networked systems make creating, printing, scanning and managing all your print jobs easier and hassle-free.

They employ Canon's Scan-Once-Print-Many (SOPM) system, which saves you time because it generates multiple copies from a single scan. Giving you more time to market your services to your existing and potential customers.

IDEAL FOR ON-DEMAND PRINTERS

In today's challenging market your clients' expectations are growing. To bring in more business you need to work against tighter deadlines and lower prices. The CLC5100 and CLC4000 enhance productivity and therefore uptime at every stage of the imaging process. These high-production, short-run, digital colour devices connect easily into existing networks, generate extremely high-quality output on a wide range of media and offer extensive finishing options.

SATISFY YOUR CUSTOMERS

Flexible and open end-to-end variable data printing solutions, perfect for direct mail campaigns and one-to-one marketing, can be integrated effortlessly into your workflow. Sharp and striking colour images or multiple colour images can be inserted into the job whilst having no adverse effect on engine speed.

SUPERIOR COLOUR QUALITY AND CONTINUOUS COLOUR CONSISTENCY

The CLC5100 and CLC4000 utilise Canon's Finer Brighter (FB) Toner and advanced charging system to bring you smoother gradations, cleaner images and crisper text. A broader range of colours are produced on the page accurately and consistently. Furthermore, fast output allows you to boost productivity yet still maintain the sharpest image quality at all times.

In colour critical environments, comprehensive colour management tools enable you to quickly and easily create accurate colour simulations from one output device to another, across all platforms and applications. Thus ensuring consistent colours and eliminating any chance of customer dissatisfaction.

A range of controllers are available to satisfy all colour needs from entry to high levels of sophistication.





Providing the productivity and versatility to meet the needs of your most demanding clients

The user-friendliness and modular design of the Canon CLC5100 and CLC4000 mean that they can be built to meet your exact requirements. Their compact design frees up valuable floor space and the range of professional on-line finishing equipment allows you to strengthen your service offering.

FASTER THROUGHPUT TIME

For high-volume and quick turn around projects, the CLC5100 and CLC4000 are perfect solutions. They use a straight paper path and a double delivery belt, reducing paper jams significantly and allowing a rapid output of 51 and 40 prints per minute respectively. Standard stackless-duplexing is available for the production of unlimited sets. You can auto-duplex up to 163gsm and manually duplex up to 253gsm with paper sizes up to 305 x 457mm. Four drum direct imagery technology and a stable paper feed mechanism provide built-in reliability and durability.

EXTENSIVE MEDIA SUPPORT

The CLC5100 and CLC4000 are compatible with a broad array of paper stocks, sizes and transparencies, as well as any Canon approved media. Coated papers and extra thick papers are supported and productivity with specialized and heavy papers has been improved by mounting the external heating rollers in the fixing assembly. The two main cassette drawers each hold 550 sheets, while the stack bypass holds 250 sheets and handles the heaviest paper weights.



1. High-Capacity Paper Deck - R1

For high-level, uninterrupted production, there's a standard 3,500 sheet paper deck. Canon's new Paper Deck R1 handles media up to 253gsm and up to 305 x 457mm. Thick and coated papers are not a problem thanks to newly developed "Air-Assist" technology. This new technology makes use of cold and hot 'swing-air' blasts to separate individual sheets and reduce moisture content, thus virtually eliminating paper jams and multiple feeding.

2. Stack Bypass Alignment Tray - A1

For improved front to back registration when duplexing from the stack bypass with postcard, A5R up to 305 x 457mm paper sizes, both the CLC5100 and CLC4000 can be equipped with an optional Stack Bypass Alignment Tray.

3. High Capacity On-line Stacker - B1

If you are working on high-volume projects, you can stack up to 3,000 sheets* on the Stacker's two output trays, allowing you to use off-line finishing equipment. The Stacker B1 provides very accurate paper alignment and incorporates an offset shift function for both trays. Auto Tray switching reduces downtime.

**A4 sheets @ 80gsm*

4. Practical 20 Bin Staple-Sorter - F2

For jobs requiring stapling and sorting, the optional 20 bin Staple-Sorter F2 accurately aligns paper output, staples in edge or corner positions, sorts and cascades complete document sets. A convenient 250 sheet top tray is available as standard for non-sorted output.

5. Recirculating Document Feeder - E3

An optional RDF document feeder ensures smooth and continuous paper feeding, particularly for double-sided originals. It is capable of accepting paper from 50 to 200gsm, in formats from A3 to A5, with a total capacity of 100 originals.





Take advantage of the ultimate service solution

Canon's responsibility is to make sure that you get the most out of your investment, not only with hardware and software solutions, but also in terms of service. For us, service is an essential element of our strategy. For you, it ensures optimum uptime, enhanced productivity and peace of mind.

SETTING THE HIGHEST SERVICE STANDARDS

We provide you with all the services you need to improve your business efficiency.

Our Pan-European network of Canon offices and authorised dealers ensures that we can do this wherever you are. We have access to expertise in all required areas and, where we don't have it in-house, we can call on our partners.

GIVING YOU THE RIGHT SOLUTIONS

Canon has the expertise to understand your business and to offer you solutions for making your enterprise more cost effective, more efficient and more competitive. We have proven methods for analysing your specific needs - thus guaranteeing that you will be offered the solution that best satisfies your exact requirements.

INSTALLATION AND INTEGRATION

We always ensure that installation conditions at your premises are suitable and secure and, if necessary, we can carry out any required changes. Everything can be taken care of, from installing cabling to establishing the correct connections.

If you wish to upgrade your solution or move your device, we can take care of that too.

We have the best expertise to integrate your new Canon solution in your network. And we can manage all common network environments and structures.



SERVICE AND SUPPORT FOR MAXIMUM UP TIME

We will ensure that you get the maximum output quality and optimum performance from your new solution. Our service network is one of the largest in the market, with more than 6,000 well-trained and knowledgeable field service engineers in Europe. Our helpdesks are ready to give you support in your own language, whenever you need it.

But don't just take our word for it. We are continuously monitoring customer satisfaction and our surveys show that 95% of our customers would readily recommend Canon products and services to others.

CALIBRATION, COLOUR PROFILING AND COLOUR MANAGEMENT

Benefit from Canon's 15 years experience in colour copying and printing. This guarantees the highest possible colour reproduction from our devices. In addition to this, we can offer you a specific service that ensures that you get exactly the colours you expect, and that all your colour devices - controllers, copiers, printers, scanners and monitors - are adjusted to reproduce the correct colours. We use well-tested tools and experienced expertise to provide a full range of Colour Management Services, including Calibration, Profiling and Workflow Analysis.

Please check with your local Canon dealer to see how they can help you.

