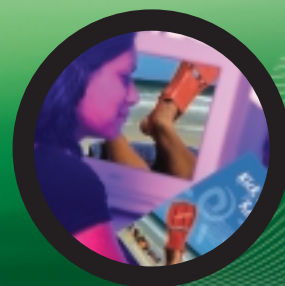


Canon

CLC 1140
CLC 1180



The one characteristic that has remained constant: “Commitment to Quality”

Designed with our customers in mind, the new CLC 1140 and CLC 1180 assure Canon’s continued leadership in the mid-volume color digital printing segment.

It’s a commitment to quality that has granted Canon a permanent place in imaging history since 1987—the year Canon introduced the world to its first CLC product. This groundbreaking color imaging technology was a bold demonstration of the innovative thinking that ultimately would revolutionize the color printing industry, and become the trademark of every new Canon product today. Now, with Canon’s latest, most advanced imaging technology, the newest CLC devices enter the spotlight, with that same spirit of innovation and commitment to quality that, once again, will define a new generation.

CANON’S CLC 1140 AND CLC 1180 HAVE ARRIVED.

And not a moment too soon! As new color-critical markets emerge, Canon’s CLC 1140 and CLC 1180 offer unlimited revenue potential and new opportunities. With their introduction, the balance of power has suddenly shifted, blurring the line between digital flexibility and offset color consistency, yet offering the best of both—consistent color quality, precise and predictable. Although not intended as a replacement for high-end, large-scale offset applications, Canon’s CLC 1140/1180 offer as close a color match to offset as a simulation ever could be. It puts digital color printing in a whole new league, raising its image and expanding its reach, without sacrificing its core customer.

VIBRANT COLOR

Canon's Finer, Brighter Toner produces richer, more accurate color reproduction.



CONSISTENT COLOR

Internal sensors provide real-time calibration for page-to-page color consistency.



RAZOR SHARP TEXT AND GRAPHICS

Canon's Automatic Image Refinement enhances image resolution to provide finer line detail and text.



GOOD FOR THE SHORT-RUN, ESPECIALLY OVER THE LONG RUN.

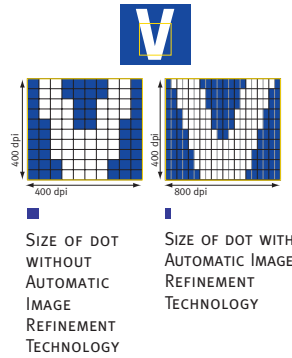
Near-offset quality color print-on-demand—the best of both worlds. For graphic arts professionals, commercial printers and corporate reprographics, this means unprecedented control of prepress proofing and output quality. For short-run print-on-demand applications, it opens the door to new color-critical markets, bringing unlimited opportunities for expansion and diversification to the mid-volume market.

SUDDENLY DIGITAL IS MORE COLOR-CRITICAL THAN EVER BEFORE.

The growing need for fast turnaround, consistent color, and lower costs makes the CLC 1140/1180 ideal for both commercial and corporate worlds. Advanced engine and powerful controller capabilities are designed to handle color-critical applications, including signage, brochures, proofs, direct mail, and more. With state-of-the-art tools for handling ICC profiles, advanced color management, enhanced calibration, and color consistency that simulates offset, Canon's newest CLCs dramatically push the boundaries of digital color printing performance, increasing the need for short-run, print-on-demand applications more than ever before.

COLOR AUTOMATIC IMAGE REFINEMENT WITH TAG BIT SUPPORT*

Through Tag Bit Support, the CLC 1140/1180 can produce two different screen resolutions on the same page—one for text, the other for background, a great way to impose text over graphics. Partnered with Canon's Automatic Image Refinement, image resolution is boosted to the equivalent of 800 x 400 dpi, delivering superior text and fine line detail.



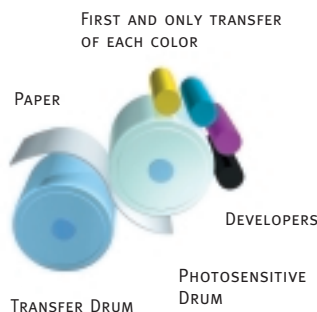
PRESS-LIKE DENSITY CURVE*

By simulating the non-linear curve density of printing presses, the CLC 1140/1180 are able to provide the closest possible match to offset output.

Quick and reliable, the CLC 1140 and CLC 1180 incorporate the leading-edge technologies that meet the needs of color-critical markets.

FINER, BRIGHTER (FB) TONER

Colors produced on the CLC 1140/1180 are rich and vibrant, the result of smaller toner particles of Canon's Finer, Brighter (FB) Toner technology. These smaller particles aid in the precision of toner placement, resulting in smoother color gradations and sharper images. The **Single-step Direct Transfer System** transfers toner directly from the photosensitive drum to the paper, four times for each color, which dramatically reduces the effects of environmental conditions on image quality.



REAL-TIME CALIBRATION

The ability to maintain color consistency throughout the print run is paramount, especially for color-critical environments where accuracy is never an option. Real-time Calibration uses sensors to measure gradation levels every few pages, allowing necessary adjustments to be made in "real time" for precise color, page to page and job to job.

WE'VE GOT THE ART OF HARD-COPY MANIPULATION DOWN TO A SCIENCE.

There's always room for improvement. Just ask any client! With Canon's CLC 1140/1180, you can tweak to your heart's content. Special effects and color adjustments are easily accessible by using the LCD Touch-panel Controls. Features include Color Copy Original, One-touch Color, Complexion Adjustment, Hue, and Image Repeat, so you're never out of creative control.



ACCESSORIZE FOR PRODUCTIVITY

Configure your CLC 1140/1180 to handle high-volume copying and printing with one of Canon's productivity-enhancing options.

1.



2.



3.



4.



(1) EDITOR-F1

When configured with the Editor-F1, the CLC 1140/1180 accepts document and color adjustments directly, without the need for desktop applications. As a result, users can walk up to the CLC 1140/1180 and manipulate images, alter colors, adjust sizes—you name it.

(2) RECIRCULATING DOCUMENT FEEDER-E3

Configuring the CLC 1140/1180 with the optional RDF is one of the quickest ways to boost your productivity. The RDF accommodates up to 100 sheets of letter, letter-R, or statement originals, or 50 sheets of ledger or legal paper (up to 110 lb. Index stock).

(3) PAPER DECK-E1

Adding the 2,500-sheet Paper Deck to the CLC 1140/1180 boosts paper capacity to 3,850 sheets—instantly.

(4) STAPLER SORTER-F2

The 20-bin Stapler Sorter, with the standard Buffer Pass Unit, provides the CLC 1140/1180 with an increased paper capacity, additional sorting capabilities, and three stapling options: Corner, Book, or Single Stapling. Documents are collated and stapled quickly and accurately.

Canon has all the right connections.

The new ColorPASS® technologies work hand in hand with the CLC 1140 and CLC 1180, capturing the latest and greatest technological advancements.

Easy to integrate and simple to use, both the ColorPASS-Z650 and ColorPASS-Z400e provide seamless connectivity across networks, platforms, and applications. Delivering multiuser access and functionality, they cut prepress time considerably. Now creative, prepress, and press-room personnel, as well as clients, can be linked with the entire production process of any job, allowing them to submit jobs, monitor progress, proof digital documents, make revisions, and issue approvals, all from their desktop PC.

IT'S NOT JUST HOW POWERFUL IT IS, IT'S HOW POWERFUL IT MAKES YOU.

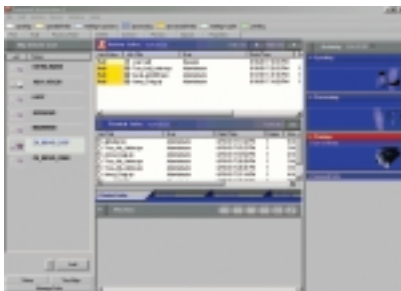
It takes an Intel® Pentium® III processor to fuel the ColorPASS-Z650 Color Server. Connected to Canon's CLC 1140/1180, this server lets you crunch through the most detailed, full-color jobs at 11 fast pages per minute, and with a high resolution that is equivalent to 800 x 400 dpi. Running 1GHz of awesome speed, the ColorPASS-Z650 utilizes 256MB of memory and a 40GB hard drive just to keep up. Now, even intermediate proofs can be processed quickly and accurately; jobs that once took hours now take minutes to

RIP and process. Impressive speed combined with a simplified user-interface make the ColorPASS-Z650 the right solution for even the most complex color jobs. If you'd prefer high performance that's more affordable, consider Canon's ColorPASS-Z400e Color Server. Powerful, yet cost-efficient, it stands out as a high-speed, networked production tool that brings greater productivity within reach of more businesses and workgroups than ever before.

YOU'LL WONDER HOW YOU EVER MANAGED COLOR WITHOUT IT.

Canon's ColorPASS-Z650's open architecture clears the way for powerful, networked color-management solutions with limitless applications. **ColorWise® 3⁺** is an in-RIP color-management system, providing a wide array of color-correction and calibration tools for achieving consistent color from all applications, platforms, and file formats. **ColorCal®**, a scanner-based calibration process,

compensates for potential measurement inconsistencies by utilizing a two-step method for a higher level of calibration accuracy. **Auto Gray** adjusts the gray balance between multiple devices for a closer visual match. With **Post-RIP Calibration**, all calibration properties are applied after rasterization, thereby allowing you to reprint files without re-ripping them.



DIGITAL RULES. ONLY NOW, WITH MUCH BETTER TOOLS.

Advanced network management and delivery capabilities via Fiery® Scan™ technology are provided by the latest **NetWise™ 3⁺** open architecture. These include Scan-to-Command WorkStation™, Scan-to-E-mail, and Fiery Remote Scan via the RDF. Job Submission enables you to store and send files in PDF format to the CLC via E-mail from any location. **Command WorkStation 4⁺** automatically detects all ColorPASS servers on your network, allowing you to manage them all from one window.

COLOR-CRITICAL JOBS REQUIRE PREDICTABLE PROOFING.

The amazing potential of all this innovation is further enhanced by the optional **Graphic Arts Package.⁺** Some of its capabilities include:

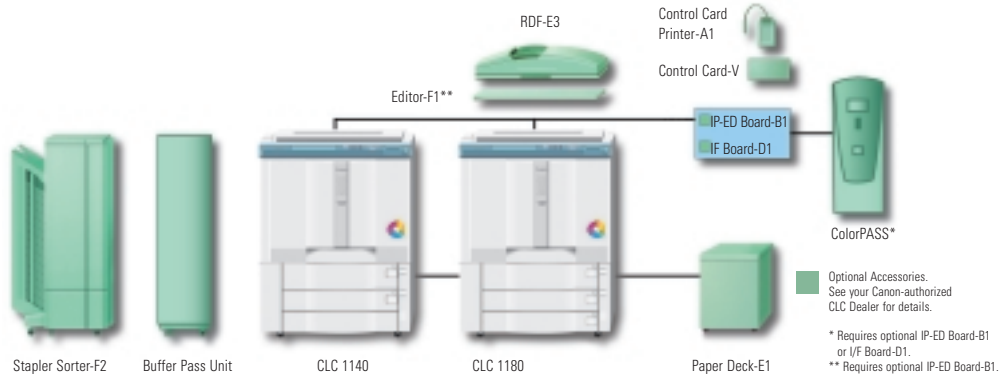
- **Hot Folders** — automate the printing process by utilizing predefined settings
- **Halftone Screening and Paper Simulation** — aid in the proofing process by providing final output characteristics
- **Spot-On** — edits of Pantone®-equivalent values
- **Auto-trapping** — compensates for misregistration
- **Unlimited Separations** — supports any number of plates for process and spot colors
- **TIFF/IT File Support**, and **Soft Proofing** — for more accurate on-screen page previews

CLC 1140/1180 Specifications

Technology:	Color Laser Electrophotographic
Acceptable Originals:	Sheets, Books, Solid Objects up to 4.4 lb.
Max. Original Size:	11" x 17"
Copy Sizes	
Drawer Feeding:	Letter (8-1/2" x 11") Legal (8-1/2" x 14") Ledger (11" x 17")
Stack Bypass:	7-3/16" x 7-3/16" to 12" x 18"
Optional Paper Deck:	Letter (8-1/2" x 11")
Magnification	
Standard Mode:	100% (Direct)
Preset Reduction:	25%, 50%, 64%, 73%, 78%
Preset Enlargement:	121%, 129%, 200%, 400%
Zoom Mode:	25% - 400% (in 1% increments)
Copy Speeds	
Letter:	11 cpm (Full 4-color) 42 cpm (B/W)
Letter-R, Legal, Ledger:	5.5 cpm (Full 4-color) 21 cpm (B/W)
OHP Transparency:	3.1 cpm (Full 4-color)
First-copy Time:	18.1 Seconds (Full 4-color) 9.6 Seconds (B/W)
Warm-up Time:	Approx. 8 Minutes & 30 Seconds or Less (68°F/20°C)
Resolution:	400 x 400 dpi (8-bit), Equivalent Appearance of 800 x 400 dpi (Color Automatic Image Refinement)
Halftone:	256 Gradations
Copy Exposure:	Automatic Exposure, 9/17 Gradations (Switchable)
Paper-feeding:	Two Front-loading Paper Drawers plus Stack Bypass Standard: 2 x 550 + 250 Optional Paper Deck: 2,500 Sheets
Acceptable Paper Weights	
Drawer:	17 lb. to 28 lb. Bond
Bypass:	17 lb. Bond to 110 lb. Index*
Maximum Paper Capacity:	3,850 Sheets (with Optional Paper Deck)
Multiple Copies:	1 to 100
Duplexing	
CLC 1140:	Manual
CLC 1180:	Automatic**/Manual
Power Requirements:	115 V, 15A, 60Hz
Dimensions (H x W x D):	39-3/8" x 28" x 30-1/2" (1,000mm x 708mm x 775mm)
Weight	
CLC 1140:	600.8 lb. (272.5kg)
CLC 1180:	642.6 lb. (291.5kg)

* See your Canon-authorized dealer for a list of Canon-approved media.

** Automatic Duplexing up to 28 lb. Bond.



Optional Accessories.
See your Canon-authorized
CLC Dealer for details.

* Requires optional IP-ED Board-B1
or I/F Board-D1.

** Requires optional IP-ED Board-B1.

Recirculating Document Feeder (RDF)-E3 (Optional)

Acceptable Original Sizes:	Statement to Ledger
Acceptable Paper Weight	
RDF:	17 lb. to 32 lb. Bond
SSDF:	10 lb. to 110 lb. Index
Original Capacity	100 Sheets (Letter, Letter-R, Statement) 50 Sheets (Ledger, Legal)
Power Consumption:	120W/60W
Power Requirements:	DC24V Directly from the Copier
Dimensions (H x W x D):	6-7/8" x 25-3/8" x 21-1/4" (174mm x 643mm x 539mm)
Weight:	52.9 lb. (24kg)

Editor-F1 (Optional)

Maximum Original Size:	11" x 17"
Area Designation:	Up to 200 Areas
Features:	Framing, Blanking, Area Editing
Colors:	Three 64-shade Palettes plus Custom Palette
Dimensions (H x W x D):	2" x 25" x 20" (49mm x 634mm x 507mm)
Weight:	10.8 lb. (4.9kg)

Paper Deck-E1 (Optional)

Copy Size:	Letter (8-1/2" x 11")
Acceptable Paper Weight:	17 lb. to 28 lb. Bond
Capacity:	Up to 2,500 Sheets (20 lb. Bond)
Dimensions (H x W x D):	17-1/8" x 12-3/4" x 23-1/4" (423mm x 323mm x 591mm)
Weight:	67.4 lb. (30.6kg)

† Tag Bit only supported when connected to a ColorPASS-Z400e or ColorPASS-Z650.

▲ Only supported when connected to a ColorPASS-Z650.

Stapler-Sorter-F2 (Optional)

Number of Bins:	20 + 1 (Non-sort)
Max. Capacity Per Bin	
Non-sort Bin:	250 Sheets
Sort Mode:	LTR, LTR-R: 50 Sheets (17 to 28 lb. Bond) 25 Sheets (60 lb. Cover or 90 lb. Index)
	11" x 17", LGL: 25 Sheets (17 to 28 lb. Bond) 15 Sheets (60 lb. Cover or 90 lb. Index)
Group Mode:	LTR, LTR-R: 30 Sheets (20 to 28 lb. Bond) 15 Sheets (60 lb. Cover or 90 lb. Index)
	11" x 17", LGL: 25 Sheets (20 to 28 lb. Bond) 10 Sheets (60 lb. Cover or 90 lb. Index)
Staple-sort Mode:	LTR, LTR-R: 30 Sheets (20 to 28 lb. Bond) 20 Sheets (60 lb. Cover or 90 lb. Index)
	11" x 17", LGL: 25 Sheets (20 to 28 lb. Bond) 15 Sheets (60 lb. Cover or 90 lb. Index)
Staple Positions:	Corner/Single/Double Staple
Maximum Stapling Capacity:	30 Sheets (Letter)
Staple Cartridge Capacity:	5,000
Power Source:	115V
Power Consumption:	135W
Dimensions (H x W x D):	38-7/8" x 32-5/8" x 24" (999mm x 828mm x 609mm)
Weight:	Approx. 176 lb. (56kg)

Additional Optional Accessories

ColorPASS Color Server for the CLC 1140/1180
IP-ED Board-B1
I/F Board-D1
Control Card-V
Control Card Printer-A1

Canon KNOW HOW™

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0402-CLC1140/1180-100M

PRINTED ON RECYCLED
PAPER IN THE U.S.A.

