

# Canon



**GRAPHIC ARTS SOLUTIONS**



 **imagePRESS™**  
**C1**

## GRAPHIC ARTS SOLUTIONS

### THE CANON imagePRESS C1 DIGITAL PRINT SYSTEM

Designed to deliver eye-catching image quality, extraordinary color consistency, and a full range of media-handling.



#### UNPARALLELED IMAGE QUALITY

Developed to achieve the look and feel of offset printing, the imagePRESS C1 digital print system is more than a color printer—it's a color press. The proof? Your eyes will see it in the outstanding image quality. Simply stated, the output from the Canon imagePRESS C1 system is remarkable. It's far beyond what you're used to seeing from conventional digital printers. This quantum leap in image quality starts with color. The imagePRESS C1 system's colors are vivid and accurate. Lines and text print with sharp, crisp detail. Underlying these dramatic images are innovations in toner, image processing, and fusing.

#### ENHANCED COLOR PRINTING

A revolutionary technology called V Toner is changing the expectations of color quality. The imagePRESS C1 digital print system utilizes a wax-based toner with an extremely small particle size—averaging only 5.5 microns. V toner is oil-free and helps prevent the unflattering 3D effect, long a signature of digital color printing. One question often comes up: "Is this really digital printing?" With an appearance that mirrors the look and feel of offset printing, this digital press will bring new choices to the industry.



Output Sample

### NATURAL GLOSS FINISH

With the advent of V Toner, another long sought-after goal of digital printing has been met—a natural-looking gloss finish. This technology, known as Gloss Optimization, sets the imagePRESS C1 system apart from the field of traditional toner-based devices. V Toner closely matches the gloss level of the media, maintaining the desired appearance. It's the combination of the V Toner and fusing technologies that makes it all possible.

### CALIBRATION TECHNOLOGIES ARE JUST THE BEGINNING OF CONSISTENCY CONTROL

Image quality is important, but it must also be delivered consistently time and time again. It's one accomplishment to achieve the look and feel of offset, but can it be delivered sheet after sheet, morning to night, and day to day?

Calibration and color accuracy go hand-in-hand. Without frequent calibration, the color will drift and, as a result, the image quality will suffer. Despite best efforts, calibrating is sometimes overlooked. With the imagePRESS C1 digital print system, Canon developed a process to automatically calibrate the device. This advanced calibration process helps ensure that the color difference, or delta E, will be low and the color accuracy, high.

### MEDIA FLEXIBILITY FOR LARGER AND THICKER MEDIA, WITHOUT COMPROMISE

Proofing and design often require a large printable area, enough space to show not only the image, but also the full bleed and registration marks. The imagePRESS C1 system will print on media as large as 13" x 19" and pull that from any standard source as well as the optional Paper Deck-AA1.

In addition to the large print area, the imagePRESS C1 system has an Advanced Imaging Transfer Belt (AITB) for media-handling that won't sacrifice quality on thick and coated media. This belt delivers flexibility to handle media weights from 17 lb. Bond (64gsm) up to 140 lb. Index (256gsm).

### ARCHITECTURE THAT DRIVES PRODUCTIVITY

imagePlatform for imagePRESS provides multifunctionality for creative and production environments. The imagePRESS C1 system makes high-quality color printing and copying available while also addressing other document distribution needs. Canon's optional Color Universal Send technology allows users to scan documents to e-mail, file, or Mail Box for quick and easy delivery of business information. The optional Universal Send PDF Advanced Feature Set-A1, incorporates the Trace & Smooth function, which allows you to convert text or line art of scanned images to scalable outline data for sharp edges.

The Canon imagePRESS C1 digital print system delivers outstanding image quality, consistent color, flexible media handling, and multifunctionality that drives communication more easily than ever before.

# SPECIFICATIONS

## MAIN UNIT

|  |   |
|--|---|
| Technology:                                  | Laser Electrostatic Transfer System   |
| Developing System:                           | Dry Dual Component Developing System<br>Auto Carrier Refresh                                |
| Acceptable Originals (MFP and Copier Model): | Sheets, Books, 3-Dimensional Objects (Up to 4.4 lb./2kg)                                    |
| Max. Original Size:                          | 11" x 17" (Ledger)  |
| Copy/Print Sizes                             |   |
| Cassette-Feeding:                            | Executive, Statement-R, Letter-R, Letter, Legal, 11" x 17", 12" x 18", 13" x 19"            |
| Stack Bypass:                                | 3-5/16" x 5-7/8" to 13" x 19" (100mm x 148mm to 330mm x 483mm)                              |
| Magnification                                |   |
| Preset Reduction:                            | 25%, 50%, 61%, 70%, 81%, 86%  |
| Preset Enlargement:                          | 115%, 122%, 141%, 200%, 400%  |
| Zoom Mode:                                   | 25% - 400% (Between 25% and 400%, in 1% Increments)   |
| Copy/Print Speeds (Letter):                  | Up to 14 ppm (Color)/Up to 60 ppm (B/W)   |
| First-Copy Time:                             | 7.6 Seconds (B/W), 14.1 Seconds (Color)   |
| Warm-Up Time:                                | 11 Minutes 40 Seconds Max. After Powering On (68°F/20°C)                                    |
| Image Server Memory:                         | 11 Minutes 40 Seconds From Sleep Mode   |
| Mail Box Features                            | 80GB HDD - 1GB RAM (Max 1.5GB)  |
| Max. Mail Boxes Supported:                   | 100 User Inboxes  |
| Max. Stored Documents:                       | 1,500 per Inbox   |
| Max. Stored Pages:                           | 3,000 Pages with Full Color<br>6,000 Pages with B/W   |
| Resolution                                   |   |
| Scanning:                                    | 600 x 600 dpi   |
| Printing:                                    | 1200 x 1200 dpi (Continuous Tone)   |
| HalfTone:                                    | 256-Level Grayscale   |
| Copy Exposure:                               | Automatic or Manual (9 Levels)  |
| Paper-Feeding                                |   |
| Standard:                                    | 50 Sheets<br>Paper Drawers x 4<br>(2,200 Sheets; 20 lb. Bond/80gsm)                         |
| Optional:                                    | Stack Bypass (100 Sheets; 20 lb. Bond)<br>Paper Deck-AA1/AB1<br>(3,500 Sheets; 20 lb. Bond) |
| Acceptable Paper Weights                     |   |
| Cassettes:                                   | 17 lb. Bond to 110 lb. Index<br>(64gsm - 209gsm) and Transparency                           |
| Stack Bypass:                                | 17 lb. Bond to 140 lb. Index<br>(64gsm - 256gsm) and Transparency                           |
| Duplexing:                                   | Standard Automatic Trayless Duplexing   |
| Multiple Copies:                             | 1 to 999  |
| Power Source:                                | 120V AC, 60Hz (From Main Engine)  |
| Power Plugs:                                 | 15A, 20A (Total Two Plugs for Main Unit)  |
| Dimensions (H x W x D):                      |   |
| (Printer/Reader, w/o UI):                    | 41-3/8" x 33-5/8" x 35-5/8"<br>(1042mm x 855mm x 898mm)                                     |
| (Printer/Reader, with UI):                   | 58-1/8" x 52-3/4" x 35-3/8"<br>(1476mm x 1339mm x 898mm)                                    |
| Weight (Printer/Reader):                     | Approximately 616 lb. (280kg)   |

## ACCESSORIES

|   |   |
|---|---|
| <b>Color Image Reader-H1</b>                          |   |
| Image Sensor:   | CCD   |
| Originals:  | Sheets, Books, 3-Dimensional Objects Up to 4.4 lb. (2kg)                                |
| Document Size:  | Statement to 11" x 17"<br>(139.7mm x 139.7mm to 297mm x 432mm)                          |
| Light Source:   | Xenon Tube  |
| Resolution:   | 600 x 600 dpi, 256 Gradations   |
| Productivity:   | Up to 80 ipm (300 dpi), Up to 50 ipm (600 dpi)  |
| Power Source:   | From Main Engine  |
| Dimensions (H x W x D):                               |   |
| (Excluding Document Feeder):                          | 4-1/8" x 28-7/8" x 23-1/2"<br>(105mm x 732mm x 595mm)                                   |
| Weight  |   |
| (Excluding Document Feeder):                          | Approximately 38.5 lb. (17.5kg)   |
| <b>DADF (Duplexing Automatic Document Feeder)-R1*</b> |   |
| Tray Capacity:  | 100 Sheets  |
| Scanning Speed:                                       | Up to 80 Sheets per Minute (Letter)   |
| Acceptable Original Sizes:                            | Statement to 11" x 17"  |
| Acceptable Paper Weight:                              | 13 lb. Bond to 80 lb. Cover<br>(50gsm to 216gsm)  |
| Dimensions (H x W x D):                               | 5-5/8" x 25-1/2" x 22-3/8"<br>(143mm x 646mm x 569.5mm)<br>(Excl. Document Output Tray) |
| Weight  |   |
| (Excluding Output Tray):                              | Approximately 47.3 lb. (21.5kg)   |
| <b>Side Paper Deck-AA1**</b>                          |   |
| Paper Capacity:                                       | 3,500 Sheets (20 lb. Bond)  |
| Paper Size:   | Letter, Letter-R, Legal, 11" x 17", 12" x 18", 13" x 19"                                |
| Paper Weight  |   |
| Non-Coated Media:                                     | 17 lb. Bond to 140 lb. Index (64gsm to 256gsm)  |
| Coated Media:   | 28 lb. Bond to 140 lb. Index (106gsm to 256gsm)   |
| Dimensions (H x W x D):                               | 22-1/2" x 23-5/8" x 24-1/2"<br>(570mm x 601mm x 621mm)                                  |
| Weight:   | Approximately 112.4 lb. (51kg)  |

The imagePRESS C1 model is shown with optional accessories

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## Side Paper Deck-AB1

|                         |  |
|-------------------------|--|
| Paper Capacity:         | 3,500 Sheets (20 lb. Bond)                         |
| Paper Size:             | Letter   |
| Paper Weight:           | 17 lb. Bond to 110 lb. Index                       |
| Dimensions (H x W x D): | 22-5/8" x 12-7/8" x 23"<br>(574mm x 326mm x 583mm) |
| Weight:                 | Approximately 68.3 lb. (31kg)                      |

## Finisher-AA1 and Saddle Finisher-AA2

|  |   |
|--|---|
| Number of Trays:                             | 3 Trays   |
| Tray Capacity                                |   |
| Non-Collate Mode                             |   |
| Tray A:                                      | 250 Sheets (Letter, Statement-R, Executive)<br>125 Sheets (Legal, Letter-R, 11" x 17", 12" x 18", 13" x 19")                    |
| Tray B:                                      | 1,300 Sheets (Letter, Statement-R, Executive)<br>650 Sheets (Legal, Letter-R, 11" x 17", 12" x 18", 13" x 19")                  |
| Tray C:                                      | 2,450 Sheets (Letter, Executive)<br>1,700 Sheets (Statement-R)<br>650 Sheets (Legal, Letter-R, 11" x 17", 12" x 18", 13" x 19") |
| Collate and Group Mode***                    |   |
| Tray B:                                      | 1,300 Sheets (Letter, Executive)<br>650 Sheets (Legal, Letter-R, 11" x 17")   |
| Tray C:                                      | 1,700 Sheets (Letter, Executive)<br>650 Sheets (Legal, Letter-R, 11" x 17")   |
| Staple Mode***                               |   |
| Tray B/C:                                    | 1,300 Sheets/100 Sets (Letter, Executive)<br>650 Sheets/50 Sets (Legal, Letter-R, 11" x 17")                                    |
| Max. Stapling Capacity                       |   |
| Corner/Double:                               | 50 Sheets (Letter, Executive)<br>30 Sheets (Letter-R, Legal, 11" x 17")   |
| Saddle-Stitching (Saddle Finisher-AA2 Only)† |   |
| Acceptable Paper Sizes:                      | Letter-R, Legal, 11" x 17", 12" x 18"   |
| Capacity/Tray:                               | 1 to 5 Sheets/25 Sets<br>6 to 10 Sheets/15 Sets<br>11 to 15 Sheets/10 Sets  |
| Max. Stapling Capacity/Set:                  | 15 Sheets   |
| Folding:                                     | V-Fold  |
| Dimensions (H x W x D):                      | 43-3/8" x 25-1/2" x 25-7/8"<br>(1102mm x 646mm x 656mm)   |
| Weight                                       |   |
| Finisher-AA1:                                | Approx. 106.9 lb. (48.5kg)  |
| Saddle Finisher-AA2:                         | Approx. 158 lb. (71.5kg)  |
| Attachable Accessories:                      | Puncher Unit-M1   |

## Puncher Unit-M1

|  |  |
|--|--|
| (Option for Finisher-AA1/Saddle Finisher-AA2)*** |  |
| Max. Paper Weight:                               | 17 lb. Bond to 140 lb. Index (64gsm to 256gsm,<br>106gsm to 256gsm for Coated Media) |
| Paper Sizes                                      |  |
| 2-Hole:  | Letter-R, Legal, Executive   |
| 3-Hole:  | Letter, 11" x 17"  |
| Punch Method:                                    | Sequential Processing System<br>(One Sheet at a Time)                                |
| Punch Dust Stack:                                | 3,000 Sheets   |
| Power Source:                                    | From Main Unit   |
| Dimensions (H x W x D):                          | 32-3/4" x 4-1/4" x 24-1/4"<br>(833mm x 107mm x 614.8mm)                              |
| Weight:  | Approx. 15.4 lb. (7kg)   |

## Color UFR II/PCL/PS Printer Kit-P1†††

|                             |  |
|-----------------------------|--|
| Processor:                  | Canon Dual Custom Processors - Shared                          |
| RAM:                        | 1GB (Max 1.5GB) - Shared                                       |
| Hard Disk:                  | 80GB - Shared  |
| PDL Support:                | UFR II, PCL 5e, PostScript 3 Emulation                         |
| Std. Interface Connections: | 10/100 Base-T (RJ-45), USB (2.0)                               |
| Network OS:                 | Windows 98/ME/2000/XP/Server<br>2003/Citrix Metaframe/Mac OS X |

## Color Universal Send Kit-G1

|                        |   |
|------------------------|---|
| Color Mode:            | Auto Color Select (Full Color/Gray Scale)<br>Auto Color, Select (Full Color/B/W), Full Color, Grayscale, B/W                        |
| Address Book Capacity: | Max. 1,800 Destinations (Includes 200 One-Touch Buttons), Max. 5 LDAP Servers   |
| Sending Methods:       | E-Mail, I-Fax, SMB, File Server, (FTP, IPX, WebDAV), User Inbox   |
| Communication Protocol |   |
| File:                  | FTP (TCP/IP), SMB (TCP/IP), NCP (IPX), WebDAV   |
| E-Mail/I-Fax:          | SMTP, POP3, I-FAX (Simple, Full)  |
| Data Format            |   |
| File, E-mail:          | TIFF, JPEG, PDF, PDF (Compact)†††<br>PDF (Trace & Smooth)†††, PDF (OCR)†††, Encrypted PDF▲, Digital Signature PDF (Device▲, User▲▲) |
| I-Fax:                 | B/W: TIFF (MH, MR, MMR)<br>Color: TIFF (Profile-C)  |

## Additional Accessories

- Universal Send PDF Advanced Feature Set-A1▲▲▲
- Universal Send PDF Security Feature Set-A1▲▲▲
- Digital User Signature PDF Kit-A1▲▲▲
- Web Access Software-E1■
- Secure Watermark-A1■
- Encrypted Secure Print Software-C1■
- HDD Data Encryption Kit-B1
- Voice Guidance Kit-B1♦
- imageRUNNER 512MB Expansion RAM-C1
- Remote Operator Software Kit-A2
- HDD Data Erase Kit-A1♦♦
- Platen Cover Type K♦♦♦
- Stack Bypass Tray-B1
- Card Reader Attachment-B1
- Voice Guidance Attachment-B1
- Staple Cartridge-J1
- Staple Cartridge-D2
- Document Tray-J1
- Card Reader-C1§
- Key Switch Unit-A2
- Cassette-AE1
- ADF Access Handle-A1§§
- imagePRESS Server Q1§§§
- imagePRESS Server T1§§§
- eCopy Suite
- imageWARE Suite

\* Power Supply Unit-S1 (for imagePRESS C1) is included.

\*\* Requires power outlet independently

\*\*\* Up to 11" x 17"

† Up to 12" x 18"

†† The imageRUNNER 512MB Expansion RAM-C1 is included standard in this set item.

††† When configured on the imagePRESS C1, requires Universal Send PDF Advanced Feature Set-A1

▲ When configured on the imagePRESS C1, requires Universal Send PDF Security Feature Set-A1

▲▲ HDD Data Encryption Kit-B1 is required for installation

▲▲▲ Requires the Color Universal Send Kit-G1

■ Cannot be installed with the imagePRESS Server Q1/T1

■ The imageRUNNER 512MB Expansion RAM-C1 is required except when configured with the Color UFR II/PCL/PS Printer Kit-P1

♦ Voice Guidance Attachment-B1 is required for installation

♦♦ HDD Data Encryption Kit-B1 is required for installation

♦♦♦ Cannot be installed with the DADF-R1

§ Requires Card Reader Attachment-B1

§§ Requires DADF-R1

§§§ Check with your local Authorized Canon Dealer for availability.



1-800-OK-CANON  
www.usa.canon.com

Canon U.S.A., Inc.  
One Canon Plaza  
Lake Success, NY 11042

