CANON

imagePRESS
C60

Service Guide

IMPORTANT

THIS SERVICE GUIDE INCLUDES THE INFORMATION RELATING TO THE imagePRESS C60.

SPECIFICATIONS AND OTHER INFORMATION CONTAINED HEREIN MAY VARY SLIGHTLY FROM ACTUAL DEVICE VALUES OR THOSE FOUND IN ADVERTISING AND OTHER PRINTED MATTER.

USE OF THIS SERVICE GUIDE SHOULD BE STRICTLY SUPERVISED TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION.

ALL PRICES LISTED ARE SUBJECT TO CHANGE WITHOUT NOTICE.

PART NUMBERS LISTED MAY BE CHANGED WITHOUT NOTICE TO REFLECT ENGINEERING REVISIONS.

REVISION HISTORY			
Revision	**Date**	**Section(s)**	**Details**
	November 2014	All	imagePRESS C60 Service Guide

COPYRIGHTS AND TRADEMARKS

LEGAL NOTICES

DISCLAIMER

Contents

I.   Product Overview and Configuration

A.   Overview

The imagePRESS C60 digital press device is designed to produce high-color image quality and high-productivity in the graphic design printing environment. These devices are intended for graphic services, proofing, corporate marketing departments, and advertisement agencies.

The imagePRESS C60 digital color printing system is the successor to the imagePRESS C1+II.

These models bring the following capabilities to end-users:

- The imagePRESS C60 digital press is a Segment 5 device that prints and copies Color and Black & White (B&W) sheets at speeds of up to 60 ppm (pages-per-minute).
- Prints images at a resolution of up to 2,400 dpi (dots per inch) x 2,400 dpi with 256 halftones resolution.
- A maximum paper size of 13" x 19.2" is supported. Standard paper sources include two paper cassettes with a capacity of up to 550-sheets each.
- Optional paper sources enable the imagePRESS C60 digital press to hold up to 7,750-sheets with the Multi Drawer Paper Deck attached.
- Canon's oil-free CV (Consistently Vivid) Toner utilizes a smoothed surface with para-shell outer layer. The ultra-fine toner particles offer enhanced toner transfer efficiency for improved color consistency and accuracy across a wide variety of media while reducing toner waste, energy consumption, and paper deformation.
- Built-in Automatic Press Calibration sets the proper color densities without operator intervention, while Canon's Advanced Developer technology maintains a constant supply of fresh developer to ensure color consistency from side to side, page to page, and job to job. Additionally the Auto Correct Color Tone (ACCT) is a Canon-unique technology to calibrate mixed color back to initial conditions. The calibration allows color adjustments be made with a wider color gamut and keeps the color quality at its highest level.
- The Remote Operator Software Kit is a standard feature for the imagePRESS C60 with the imagePRESS Server attached. The Remote Operator Software Kit enables the end-user to access the machine's control panel and specify settings or process jobs remotely from a computer (located on the same network as the machine).

Table 1 – Model Comparison

Feature			imagePRESS C60
Copy / Print Speed (LTR, Color / B&W)			Up to 60-ppm [1]
Optimum Monthly Copy Volume (copies/prints)			Approximately 5,000 to 30,000
Resolution	Scan / Copy		Up to 600 x 600 dpi
	Print		Up to 2,400 x 2,400 dpi
Scan Speed (LTR, 300 dpi)	Simplex	B&W	Up to 120 ipm
		Color	
	Duplex	B&W	Up to 200 ipm
		Color	Up to 140 ipm
Scan Speed (LTR, 600 dpi)	Simplex / Duplex	B&W	Up to 120 ipm
		Color	Up to 70 ipm
FCOT (Platen Glass) (Approximately)		B&W	Up to 6.9 seconds
		Color	Up to 7.7 seconds
Warm Up Time (@ 68°F (20°C))	From Power On		Approximately 6 minutes
	From Sleep Mode		Approximately 6 minutes
Main Memory (Standard)			3.5 GB
Hard Disk Drive (Standard)			1 TB
DADF	Standard		Single-Pass Duplexing ADF
	Capacity		Up to 300 sheets
Multiple Copies			1 to 9,999 sheets
Toner Yield (@8.5%% Coverage, LTR)		B&W	Up to 44,500
		Color	Up to 27,000
Drum Yield (LTR)		B&W	Up to 380,000
		Color	Up to 240,000
Power Requirements			208V / 60Hz / 20A
Plug Type			NEMA 6-20P
Paper Capacity	Standard		Up to 1,650 Sheets
	Maximum		Up to 7,650 Sheets
Maximum Paper Size			Up to 13" x 19.2"
Paper Weight	Cassettes		14 lb bond to 80 lb cover (52 to 220 g/m²)
	Stack Bypass-B1		Plain paper: 14 lb bond to 110 lb cover (52 to 300 g/m²) Coated Paper: 28 lb bond to 110 lb cover (106 to 300 g/m²)
	POD Deck Lite-B1		
	Multi-Drawer Paper Deck-B1		
Available Paper Supply	Cassettes		Standard (Up to 550 sheets x 3 paper cassettes)
	Stack Bypass-B1		Option (Up to 100 sheets)
	POD Deck Lite-B1		Option (Up to 3,500 sheets)
	Multi-Drawer Paper Deck-B1		Option (Up to 6,000 sheets)
Image Reader (Scan/Copy)			Optional (Color)

---

1   Print speed may vary based on device configuration, job parameters and Media.

Table 1 – Model Comparison Continued

Feature		imagePRESS C60
PRINT	imagePRESS Server F200	Optional (Adobe PostScript/PDF)
	imagePRESS Server G100	Optional (PCL5e/6, Adobe PostScript/PDF)
STORE	Mail Box	Standard
	Advanced BOX	N/A
	Memory Media Support	Standard (Scan)[2]
SEND	Universal Send	Standard
	Advanced Feature Set, Secure Feature Set, Digital User Signature Kit	Option
Security		Standard (HDD Initialization) Option (Data Erase, Encryption, Removable HDD, AMS)
Accessibility		Option
MEAP		Standard
Remote Fax		Optional w/Remote Fax Kit-A1
Network		Standard Ethernet 1000Base-T/100Base-TX/10Base-T
Remote UI		Standard

---

2   The optional Multimedia Reader/Writer adds support for SD Card, Compact Flash, Memory Stick, and Micro Drive.

B. Configuration

To order an imagePRESS C60, the configuration must include a print controller and an output device (output tray or finisher).

Note: All Configurations shown are for reference purposes only and are subject to change without notice. Please refer to the Dealers Price List on the ISG Central Web Site (http://isgcentral.cusa.canon.com/) or the (CNA) Canon Network Access Web site (www.cna.cusa.canon.com) for the most up-to-date Item Numbers.

Table 2 – Product Configuration

Item	Item Number[3]
imagePRESS C60 with Operator Panel shown	
Print Engine Standard Speed License	
imagePRESS C60 Main Engine Set [4] [5]	8001B007AA

---

3   Item Numbers and Part Numbers are subject to change without notice.
4   Set includes main engine (with 550 sheets x 3 paper cassette), one (1) Tab Feeding attachment kit, Envelope attachment kit, and gradation sensor. When ordering an imagePRESS Server is required.
5   Requires Output Tray-A1, Finisher-AM1,Saddle Finisher-AM2, Staple Finisher-T1, or Booklet Finisher-T1.

Table 3 – imagePRESS Server and Software Options

imagePRESS Server and Software Options	
Item	**Item Number[3]**
iPR Server F200 & Control Panel Set [6]	8514B011AA
iPR Server G100 & Control Panel Set [6]	8515B011AA
Removable HDD Kit-B1 [7]	0134B003AA
Fiery Compose	2351B006AA
Fiery Impose	6596A042AA
Fiery Impose and Compose	6596A043AA
PRODUCTIVITY PCKG WEB [8]	7752A029AA
Graphic Arts Package, Premium Edition V2.3 [7]	7752A030AA
GUI Kit-A1	3851A011BA
Integrated Interface and Stand-A1 [7]	1099V652

3   Item Numbers and Part Numbers are subject to change without notice.

Table 4 – Hardware Accessories

Hardware Accessories	
Item	**Item Number[3]**
Duplex Color Image Reader-H1 Set [9]	8002B002AB
Printer Cover-F1 [10]	8077B001AA
Stack Bypass-B1 [11]	8078B001AA
Stack Bypass Tray-C1	8079B001AA
Multi Drawer Paper Deck-B1 Set [11]	8011B006AA
POD Deck Lite-B1 Set [11]	8012B006AA
Envelope Attachment-F1 [12]	8928B001AA
Envelope Attachment-G1 [13]	8929B001AA
Tab Feeding Attachment-F1	8930B001AA
Finisher-AM1 [14]	8003B002AA
Saddle Finisher-AM2 [14]	8004B002AA
Staple Finisher-T1 [14]	8005B001AA
Booklet Finisher-T1 [14]	8006B001AA
Output Tray-A1 [14]	8080B001AA
Puncher Unit-BS1 [15]	5738B002AA
Puncher Unit-BT1 [15]	5738B003AA
External 2/3H Puncher-C1 [16]	8613B002AA

---

6   Includes Upright Control Panel
7   Option for imagePRESS Server F200
8   Option for imagePRESS Server G100
9   The set includes the Color Image Reader-H1 and Reader Attachment Kit-A1. Requires the Platen Cover Type K or DADF-R1.
10   Required Color Image Reader-H1 Set.
11   Stack Bypass-B1, POD DeckLite-B1 or Multi Drawer Paper Deck-B1cannot be installed simultaneously
12   Optional envelope attachment kit for engine paper cassette. One envelope attachment kit comes standard with the engine.
13   Envelope attachment kit for POD Deck Lite-B1. POD Deck Lite-B1 must be ordered with this item.
14   Output Tray-A1, Finisher-AM1, Saddle Finsher-AM2, Finisher-T1 and Booklet Finisher-T1 cannot be installed simultaneously.
15   Option for Finisher-AM1 or Saddle Finisher-AM2.
16   Option for Finisher-T1 or Booklet Finisher-T1.

3   Item Numbers and Part Numbers are subject to change without notice.

Table 4 – Hardware Accessories Continued

Hardware Accessories	
Item	**Item Number[3]**
Professional Puncher-B1 with Professional Puncher Integration Unit-C1 [17]	2825B013AA
Plastic Comb 19-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B001AA
Twin Loop 21-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B002AA
Twin Loop 32-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B003AA
Color Coil 44-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B004AA
Velo Bind 11-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B005AA
Loose Leaf 3-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B006AA
Loose Leaf 5-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B022AA
Pro Click 32-Hole Punch LTR-A1 (Die for Professional Puncher-B1) [18]	3028B021AA
High Durability Plastic Comb 19- Hole Punch LTR-A1 [18] (Die for Professional Puncher-B1)	3028B033AA
High Durability Color Coil 44-Hole Punch LTR-A1 [18] (Die for Professional Puncher-B1)	3028B034AA
High Durability Loose Leaf 3-Hole Punch LTR-A1 [18] (Die for Professional Puncher-B1)	3028B035AA
ADF Access Handle-A1	1095B001AA
Copy Card Reader-F1 [19]	4784B001AA
Copy Card Reader Attachment Kit-A2	3730B002AA
Canon Card Set-A1 (1-30)	4781B001AA
Canon Card Set-A2 (31-100)	4781B002AA
Canon Card Set-A3 (101-200)	4781B003AA
Canon Card Set-A4 (201-300)	4781B004AA
Canon Card Set-A5 (301-500)	4781B005AA
Canon Card Set-A6 (501-1000)	4781B006AA

3   Item Numbers and Part Numbers are subject to change without notice.

---

17   Finisher-AM1 or Saddle Finisher-AM2 is required.
18   Optional punch die for Professional Puncher-B1. Only one die can be installed at a time.
19   Requires the Copy Card Reader Attachment Kit-A2

Table 5 – System Connectivity Accessories

System Options		
Item	Item Number[3]	eLAN Item Number [20]
USB Device Port-A3	8661B001AA	
Remote FAX Kit-A1		3679B005AA
Multimedia Reader/Writer-A3 [21]	8662B001AA	
Universal Send Advanced Feature Set-G1		3405B027AA
Universal Send Secure Feature Set-D1		3406B006AA
Universal Send Digital User Signature Kit-C1 [22]		1326B013AA
HDD Data Erase Kit-C1		4002B004AA
HDD Data Encryption & Mirroring Kit-C8	8658B002AA	
3.5 inch/1TB HDD-M1	8660B001AA	
Removable HDD Kit-AB2	3741B002AA	
Access Management System Kit-B1 USA		1642B010AA
Voice Guidance Kit-F2	3681B003AA	

3 Item Numbers and Part Numbers are subject to change without notice.

Table 6 – Supplies and Consumables

Supplies and Consumables	
Item	Item Number[3]
Staple-N1 (For Finisher-AM1 or Saddle Finisher-AM2) [23]	1007B001AA
Staple-P1 (For Saddle Finisher-AM2) [24]	1008B001AA

3 Item Numbers and Part Numbers are subject to change without notice.

Table 7 – Toner, Starter and Drum

Toner, Starter and Drum	
Item	Item Number[3]
Toner T01 Black	8066B001AA
Toner T01 Cyan	8067B001AA
Toner T01 Magenta	8068B001AA
Toner T01 Yellow	8069B001AA
Drum D01 Black	8064B001AA
Drum D01 Color	8065B001AA

3 Item Numbers and Part Numbers are subject to change without notice.

20 The eLAN (Electronic License Access Number) is delivered via the CNA Web Site.
21 Requires USB Device Port-A3.
22 SSO-H settings are required.
23 Used for corner/double stapling only.
24 Used for saddle finishing only.

II. Hardware Accessory Options

A. Duplex Image Reader-H1

- Duplexing Automatic Document Feeder.
- Resolution 600 dpi x 600 dpi, 256 graduations.
- Supports original paper sizes up to 11" x 17".
- Up to 300 sheets capacity (@ 20 lb bond (80 g/m^2)).
- Paper Weight: 13 lb bond to 80 lb cover (50 g/m^2 to 220 g/m^2).
- Scanning Speed (LTR):

  - 300 dpi (Simplex): up to 120 ipm B&W/Color
  - 300 dpi (Duplex): up to 200 ipm B&W, 140 ipm Color
  - 600 dpi (Simplex/Duplex): up to 120 ipm B&W, 70 ipm Color

B. Printer Cover-F1

This cover is installed at the top of the host machine when this machine is used as a printer model.

C. Stack Bypass-B1/Stack Bypass Tray-C1

- Up to 100 sheets capacity (@ 20 lb bond (80 g/m^2)).
- Supports sheet sizes from 3.93" x 5.8" up to 13 x 19.2" with the Finisher-AM1 or Saddle Finisher-AM2 are attached.
- Paper Weight: 14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
- The Stack bypass Tray-C1 helps keep larger sized paper aligned when feeding through the bypass tray.

Note: The print speed from the Stack Bypass is different from the paper drawers. Since the Stack Bypass does not have a remaining paper sensor, the machine has to make sure the next paper is set on the Stack Bypass just before drawing images on the drums. That causes the print speed from Stack Bypass to be slower than from the drawers.

D. Multi Drawer Paper Deck-B1

- Provides an additional paper capacity of approximately 6,000 sheets (20 lb bond (80 g/m^2)).
- Supports paper sizes up to 13" x 19.2" (from 14 lb bond to 110 lb cover (52 to 300 g/m^2)).
- Includes air-assisted and roller pick up & paper feed
- Optional double-feed detection

E. POD Deck Lite-B1

- Provides an additional paper capacity of approximately 3,500 sheets (20 lb bond (80 g/m^2)).
- Supports paper sizes up to 13" x 19" (from 14 lb bond to 110 lb cover (52 to 300 g/m^2)).
- Includes air-assisted and roller pickup paper feeding
- Supports envelope feeding with the optional Envelope Feeding Attachment Kit-G1.
- Cannot be installed with the Multi Drawer Paper Deck-B1.

F. Finisher-AM1

- Contains two trays, which holds up to 5,000 sheets (LTR @ 20 lb bond (80 g/m^2)) (the top tray holds up to 1,000 sheets with the high volume stack mode and the lower tray holds up to 4,000 sheets).
- Can corner or double staple up to 100 sheets of paper (@ 20 lb bond (80 g/m^2)).
- Paper weight:

  - Plain: 14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m²).
  - Coated: 29 lb bond to 110 lb cover (106 g/m^2 to 300 g/m²).

G. Saddle Finisher-AM2

- Contains two trays, which holds up to 5,000 sheets (LTR @ 20 lb bond (80 g/m2)) (the top tray holds up to 1,000 sheets with the high volume stack mode and the lower tray holds up to 4,000 sheets).
- Can corner or double staple up to 100 sheets of paper (@ 20 lb bond (80 g/m^2)).
- Saddle Stitch Booklet finishing capability for up to 25 sheets (@ 20 lb bond (80 g/m^2)) or 100 imaged sides.
- Saddle Fold capacity for up to 5 sheets (@ 20 lb bond (80 g/m^2))
- Paper weight:

  - Plain: 14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m²).
  - Coated: 29 lb bond to 110 lb cover (106 g/m^2 to 300 g/m²).

H. Staple Finisher-T1

- Contains three trays, which holds up to 4,000 sheets (LTR, 20 lb bond (80 g/m^2)) (Sample Tray: 250 sheets, Top Tray: 1,300 sheets, and Bottom Tray: 2,450 sheets).
- Can corner or double staple up to 50 sheets of paper (LTR, 20 lb bond (80 g/m^2)).
- Paper weight:

  - Upper Tray/Lower Tray

    - Plain: 14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m²).
    - Coated: 29 lb bond to 140 lb index (106 g/m^2 to 256 g/m²).

  - Top Tray

    - Plain: 14 lb bond to 140 lb index (52 g/m^2 to 256 g/m²).
    - Coated: 29 lb bond to 140 lb index (106 g/m^2 to 256 g/m²).

I. Booklet Finisher-T1

- Contains three trays, which holds up to 4,000 sheets (LTR, 20 lb bond (80 g/m^2)) (Sample Tray: 250 sheets, Top Tray: 1,300 sheets, and Bottom Tray: 2,450 sheets).
- Can corner or double staple up to 50 sheets of paper (LTR, 20 lb bond (80 g/m2)).
- Can saddle stitch up to 16 sheets (12" x 18") and V-fold up to one sheet.
- Imposition is performed only on a booklet job containing more than 3 pages
- Paper weight:

  - Upper Tray/Lower Tray

    - Plain: 14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m²).
    - Coated: 29 lb bond to 140 lb index (106 g/m^2 to 256 g/m²).

  - Top Tray

    - Plain: 14 lb bond to 140 lb index (52 g/m^2 to 256 g/m²).
    - Coated: 29 lb bond to 140 lb index (106 g/m^2 to 256 g/m²).

J. Puncher Unit-BS1

- Provides 2-hole and 3-hole punch capabilities for either the Finisher-AM1 or Saddle Finisher-AM2
- Supports 2-hole punch for LGL and LTRR paper and 3-hole punch for 11" x 17" and LTR
- Supports paper weights from 16 lb bond to 74 lb cover (60 to 200 g/m^2)

K. Puncher Unit-BT1

- Provides 2-hole and 4-hole punch capabilities for either the Finisher-AM1 or Saddle Finisher-AM2
- Supports 2-hole punch for sheet sizes 7.2" x 7.2" to 11.7" x 17" and 4-hole punch for sheet sizes 10.1" x 7.2" to 11.7" x 17"
- Supports paper weights from 14 lb bond to 110 lb cover (52 to 300 g/m^2)

L. External 2/3 Hole Puncher-C1

- Provides 2-hole and 3-hole punch capabilities for either the Finisher-T1 or Booklet Finisher-T1
- Supports 2-hole punch for LGL and LTRR paper and 3-hole punch for 11" x 17" and LTR
- Supports paper weights from 14 lb bond to 140 lb index (52 to 256 g/m^2))

M. Professional Puncher-B1 with Integration Unit-C1

- Provides users with a variety of punch patterns, which are available as die sets (replaced by the end-user)
- Provides the end-user the ability to create off-line plastic spiral bound books.
- Supports LTR and Tab size paper 20 lb bond to 80 lb Cover (75 g/m^2 to 216 g/m^2)

N. Tab Feeding Attachment-F1

- Installs to the paper cassette of the Main Unit.
- Ensures reliable feeding of tab paper from the Cassette.

O. Envelope Attachment-F1

- Installs to the paper drawers of the Main Unit.
- Enables the feeding of #10 Business, ISO-C5, DL, Monarch, 6" x 9", 9" x 12", 10" x 13" envelopes from the Cassette.
- One Envelope Feeding Attachment-F1 is included with the Main Unit.

P. Envelope Attachment-G1

- Installs to the paper drawers of the POD Deck Lite-B1.
- Enables the feeding of #10 Business, ISO-C5, DL, Monarch, 6" x 9", 9" x 12", 10" x 13" envelopes from the Cassette.

III. System Features and Options

The functionality of the imagePRESS C60 can be expanded by installing the following system-related optional accessories and software.

A. Print Controller Options

1. imagePRESS Server F200

- An external print controller for the imagePRESS C60 machines, and supports Adobe Genuine PostScript 3, Adobe PDF Print Engine, and Fiery JDF.
- Suited for graphic-intensive environments requiring production, business (Print MIS) work flow integration via JDF, and variable data jobs.
- Comes standard-equipped with the upright control panel, Command Workstation software, Fiery Spot-On, Auto Trapping, Image Enhance Visual Editor, GUI Enabled, Fiery Hot Folders and Visual Printers.

2. imagePRESS Server G100

- An embedded print controller that attaches to the back of the imagePRESS C60 machines, and supports Adobe Genuine PostScript 3 and PCL5c/6 printer languages.
- Suited for office environments in which larger print volumes are frequently processed.
- Comes standard-equipped with the upright control panel, Command Workstation software, Fiery Spot-On, Auto Trapping Fiery Hot Folders and Visual Printers.

B. Universal Send and Fax Options

Options available for the imagePRESS C60 with the imagePRESS Server attached.

1. Universal Send PDF Advanced Feature Set-G1

- Enables the user to make PDF (Compact), PDF (OCR), Trace & Smooth PDF, Searchable PDF/XPS and Office Open XML.
- Requires license activation via the LMS.

2. Universal Send Security Feature Set-D1

- Enables the user to encrypt PDF and Digital Device Signature PDF/XPS files, as well as set a password to send them safely to a file server or e-mail address.
- Enables the recipient of a PDF or Digital Device Signature PDF/XPS file to verify which device scanned the file.
- Requires license activation via the LMS.

3. Universal Send Digital User Signature Kit-C1

- Enables the user to add a digital user signature obtained from a certificate authority to a PDF or XPS file. This enables the recipient of a PDF or XPS file to verify which user signed it.
- Requires license activation via the LMS.

4. Remote FAX Kit-A1

- Enables the user to share the Fax function, if there is an imageRUNNER ADVANCE machine (with the Remote Fax Kit installed) and another imageRUNNER ADVANCE machine (that has the Super G3 FAX Board-AD2 installed), on the same network.
- If the above condition is true, then fax documents can be sent and received remotely between the two machines.
- Requires license activation via the LMS.

C. Document Storage Capabilities

The imagePRESS C60 machines offer methods to store and access scanned documents and files via built-in storage and external storage.

⬤IMPORTANT

- Canon U.S.A., Inc. (hereinafter referred to as ("Canon USA") is not responsible for any damages caused to user data that is stored on the hard disk drive of the machine. It is the customer's responsibility to create and maintain a data backup plan. Canon USA offers several security options to enhance document handling and storage security needs. See Security Features and Options on Page 16.
- It is strongly recommended to back up data stored on the hard disk drive.

1. Mail Box

The Mail Box is a data storage area that provides the ability to store files temporarily for on-demand printing or reprint purposes.

The Mail Box function enables users to store files that are scanned with this machine, or data sent from a personal computer via the printer driver. The stored files can be printed (or reprinted) anytime using the desired user settings. When combined with the Send Function the file format of the scanned documents can be converted into another file format (PDF, JPEG, and TIFF), and sent via e-mail or fax or sent to a file server or another mailbox. Up to 100 files in the mailbox at a time can be selected to send. The files in Mailbox can be edited. Files can be incorporated into other files in the mailbox, duplicated, or have pages deleted. The Mailbox privacy allows password protection for each Mailbox or labeling the Mailbox for individual users. In addition, various editing features are available, such as merging separately stored files, duplication or deleting pages from a file.

Note: is available for the imagePRESS C60 with the imagePRESS Server attached.

2. Memory Media Storage

USB memory media can be inserted into the USB port located on the front panel inside the right corner box and another on the back right of the main unit.

Memory Media storage enables end-users print from memory media or to scan and store paper based information into memory media as electronic files (PDF, JPEG, TIFF, XPS and OOXML [pptx] file formats).

Additionally, the end-user is able to manage folders and files from the control panel as well as preview the content of files in memory media from the device control panel.

The optional USB Device Port-A3 and Multimedia Reader/Writer-A3 enable the use of and SD card, Memory Stick, Compact Flash card, and Microdrive.

D. Connectivity Options

1. USB Device Port-A3

- Adds two USB ports to the machine so a third-party card reader or the optional Multimedia Reader/Writer-A3 can be used for additional media support.

2. Multimedia Reader/Writer-A3

- Enables the user to use SD, Compact Flash, Memory Stick, and Micro Drive memory media for direct print and scan to store operations.
- Requires the optional USB Device Port-A3.

E. Security Features and Options

The imagePRESS C60 machines include a comprehensive set of security features, such as Device Authentication, Data Security, Document Security, and Network Security.

1. Device Management and Security

a) Authentication and Usage Management

There are two ways to authenticate users at the device: via Department ID Management and SSO-H (Single Sign-On H).

(1) Department ID Management

Register a Department ID and password for each department, and manage the machine by limiting its use to only those who enter the correct Department ID and password. Department IDs and passwords for up to 1,000 departments can be registered. Use Department ID Management to keep track of the copy, scan, and print totals for each department.

(2) SSO-H

A user authentication system that enables the functions of the machine and MEAP applications to be used by a user after being authenticated once. SSO-H has two compatible user authentication systems (Domain Authentication and Local Device Authentication). Domain Authentication is linked to a domain controller in a Windows Active Directory environment on a network. Local Device Authentication uses a database inside the machine to authenticate users. Administrators can use one of these two systems or both at the same time.

(3) Access Management System Kit-A1

The Access Management System (AMS), is preinstalled on the imagePRESS C60 devices. The AMS is administrator-controlled and can restrict access to the device. There are two levels:

- Device level login. The administrator can assign device feature access to end-users in conjunction with the SSO-H login service and the user role assigned by the administrator. (five (5) user roles are available)
- Function level login. The administrator may allow or disallow access to a specific device function such as Copy, Print, Send, Fax, Mail Box, MEAP applications, and so on, in conjunction with the SSO-H login service.

(4) Card Reader Solutions

The imagePRESS C60 supports card authentication solutions. These solutions can be combined with Department ID management and the SSO-H login service.

2. Network Security

The imagePRESS C60 machines secure network communications by using IP Address and MAC (Media Access Control) Address filters, encryption and authentication, and network port and application access control.

a) Filtering by Port Number

Using the Address Filter, system administrators can grant or deny access to the imagePRESS C60 for specific groups or users via Port numbers (MAC Addresses). Port Number filtering permits or rejects incoming packets from IP addresses or ranges of IP addresses. In addition, IP address filters to outbound connections can be applied. For example, if functions, such as Remote Copy and Universal Send are used, system administrators can block or restrict users from sending files to specific IP addresses. This minimizes the risk of data being sent out of the company to systems that are not trusted.

b) IPv6

The imagePRESS C60 supports Internet Protocol Version 6 (IPv6), which is a network layer protocol designated as the successor to IPv4 for general use on the Internet. Support for IPv6 adds extended business value to the imagePRESS C60.

3. Data Management and Security

The imagePRESS C60 machines offer several ways to protect and secure data. It is strongly recommended that a backup and security system is in place, along with an antivirus protection system to make sure that no data on the hard disk drives are lost, stolen, or compromised.

There are several security methods available from Canon USA that appropriately addresses a customer's needs for securing data.

- Trusted Platform Module
- Customer Accessible HDD Initialization Function (Initialize All Data/Settings)
- Optional Security Kits (HDD Data Erase Kit and HDD Encryption & Mirroring Kit)
- Optional Removable Hard Disk Kit (for the imagePRESS C60 machines)
- Optional Removable Hard Disk Kit (for the imagePRESS Server F200)

⚠ CAUTION

Canon USA is not liable for any damages resulting from the loss or corruption of data. (See the **DISCLAIMER**, on page **ii** for further details.)

a) TPM (Trusted Platform Module)

TPM is a standard security chip (tamper resistant hardware) installed in the imagePRESS C60 machines. The TPM provides a facility for the secure generation of cryptographic keys, encrypts information stored on the internal HDD, and decrypts information read from the internal HDD. The public keys to encrypt confidential information are securely controlled by the TPM chip, and they can only be decrypted if the TPM releases the associated decryption key. If the HDD is removed from the machine, it will be difficult to retrieve data off that HDD since the encryption key for that data is stored in a separate location within the TPM.

⚠ CAUTION

Once the TPM setting is activated, if the end user fails to back up the TPM key, or if the end user loses the TPM key, it may result in permanent, unrecoverable data loss, for which Canon USA is not liable. (See the **DISCLAIMER**, on page **ii** for further details.)

⬤IMPORTANT

- If the TPM setting is activated and the TPM chip fails, the confidential information stored on the chip can only be recovered if Canon's service representative replaces the TPM chip and restores the original TPM key to the new chip. Immediately, back up the TPM key on a USB memory stick, after the TPM setting is activated.

- Only the Administrator of the machine can back up the TPM key.

- For security reasons, the TPM key can only be backed up once. Store the USB memory with the backup data in a safe place.

- For the backup of the TPM key, it is recommended that a USB memory stick (supported system file: FAT32) with free space of 10 MB or more is used.

- The TPM seals the hardware components associated with the data, and the data cannot be accessed unless the specific TPM key is issued by the TPM chip. Therefore, setting the TPM mode to 'On' may affect service procedures and service costs (if not handled properly). It is strongly recommended that the Administrator who has access to the TPM key be present for all service calls to prevent the loss of data and productivity of the machine.

b) HDD Password Lock Function

The HDD password lock feature further heightens the confidentiality of highly sensitive information stored on the hard disk. The password is managed by the imagePRESS C60 Main Unit. When the device is turned ON, the password is unlocked.

⬤IMPORTANT

HDD Lock function prevents the access to the user data but the data itself still exist on the HDD. Therefore, if the password is revealed, the data can be exposed. HDD encryption and/or HDD erase option is recommended for further protection.

c) Data Erase Kit-C1

- Automatically erases temporary cache data generated inside the HDD completely upon job completion.
- You can select one of the three secure erasing methods according to corporate security policies:

  o Null (one-time zero data overwrite)
  o One-time random data overwrite
  o Three-times random data overwrite

- It ensures sufficient security measures to protect important information securely.

d) Quick Menu Log-in Screen

After end-users login to the imagePRESS C60 device, they can choose the default Quick Menu screen (Shared or Personal) in the Restrict Quick Menu Use screen accessible from Settings/Registration (Personal is the default Quick Menu). By setting Personal as the default, access from general or unauthorized users can be restricted to ensure a high level of protection for personal data.

e) Initialize All Data/Settings Function

The Initialize All Data/Settings function is a standard function on all Canon devices. This setting is available in the Management Mode, to which the system administrator must authenticate. Performing this function erases all user information on the hard disk drive of the machine (e.g., contact information, Advance Box and Mail Box data, network settings, and image data). The initialize All Data/Settings feature is enhanced to support up to nine (9) times data erase. This process may take more than 30 minutes to complete.

IMPORTANT

The Initialize All Data/Settings function performs the following procedure deletes the FAT (File Allocation Table) and overwrites the target HDD data area with "0" (zeros) one time.

f) HDD Data Encryption & Mirroring Kit-C8

- Includes both encryption and mirroring capabilities.
- Encrypts all image data and device settings before storing them on the hard drive.
- The mirroring function provides redundancy when used with an additional hard disk drive of the same storage capacity.
- Requires the optional 3.5 inch/1 TB HDD for the mirroring capability.

✋ IMPORTANT

Installing the HDD Data Encryption & Mirroring Kit (after the machine is installed and operational), requires the machine's system software to be updated. This reformats the entire hard drive, and all data previously stored on the hard disk drive is deleted. Accordingly, it is strongly recommended that all of the data stored on the hard disk drive of the machine be backed up prior to installing the HDD Data Encryption & Mirroring Kit.

g) 3.5 inch/1 TB HDD-M1

- Required for the HDD Mirroring function when the HDD Data Encryption & Mirroring Kit is installed.
- Does not increase the overall storage capacity of the machine.
- If the machine is configured with the optional HDD Data Encryption & Mirroring Kit, an additional 3.5 inch/1 TB HDD must be added to enable the Mirroring capability of the primary drive.

h) Removable Hard Disk Drive Kit-B1

- Enables the hard disk of the imagePRESS Server F200 to be removed for storage while the controller is unattended or not in use.
- Provides a layer a data security for government agencies and corporate enterprises who need to ensure that the data stored on the Hard disk is physically secured when the controller is not in use.

i) Removable Hard Disk Drive Kit-AB2

- Enables the capability to remove the hard disk of the machine when it is unattended or not in use.
- Provides a layer a data security for government agencies and corporate enterprises who need to ensure that the data stored on the hard disk is physically secured when the machine is no longer in use.

F. Accessibility Options

   1. Voice Guidance Kit-F2

- Provides visually-impaired users to hear voice navigation instructions when operating the machine.

   2. ADF Access Handle-A1

- Attaches to the Automatic Document Feeder to enable seated users to open the document feeder.

IV. Software Solutions

The optional software applications are designed to enhance the end-user experience and interaction with imagePRESS C60 devices.

A. Document Management and Binding

1. imageWARE Document Server

imageWARE Document Server is an office document sharing server application. It connects multiple imageRUNNER ADVANCE Desktop utilities for end-users to collaborate and share information over the network. imageWARE Document Server features document management capabilities such as check-in/check-out, version control, full text search, audit trail, and user index search. imageWARE Document Server is a Web-based document management server that runs on Microsoft Windows SharePoint Foundation. It is a reliable collaboration platform, making system deployment easy, and allowing IT administrators to easily manage and configure the system from a PC using a web browser.

2. imageWARE Scan Manager DS

imageWARE Scan Manager DS is a document capture solution, featuring powerful and intelligent transaction document archiving capabilities. It can be personalized according to the scan volume and skill level of each user.

imageWARE Scan Manager DS includes an advanced indexing system that simplifies batch scanning and indexing. As the front-end data capturing and indexing application, imageWARE Scan Manager DS transforms paper documents to electronic business information and then releases it to imageWARE Document Server for storage, management, and retrieval or to local folders if the imageWARE Document Server is not utilized. imageWARE Scan Manager DS includes an intuitive user interface, wizard tools for many functions, and enables office users to perform sophisticated indexing functions with ease.

When combined with imageWARE Document Server, imageWARE Scan Manager DS is a powerful solution for managing both transaction documents as well as office documents.

B. Canon Mobile Printing

Canon Mobile Printing is an application available for the Apple iPhone and iPad that enables mobile printing to imageRUNNER ADVANCE devices as well as Canon Multi-Function and Single-Function devices. The Canon Mobile Printing application includes print and finishing options for the mobile end-user. This application is available at no charge and does not require additional accessories or MEAP applications to operate.

The Canon Mobile Printing application is ideal for corporate and SMB environment end-users that require a method to print without the need to disrupt current print workflows or add hardware or software. Canon Mobile Printing supports a variety of file formats including image, photo, PDF, document files and web page file formats.

C. imageWARE Enterprise Management Console and Plug-ins

imageWARE Enterprise Management Console is a web-based network device management utility that enables centralized installation and management of network devices installed across enterprises.

imageWARE Enterprise Management Console provides the customer with the ability to discover devices, view device status, manage device settings using tasks, and notify end-users of device errors via e-mail. The capabilities of imageWARE Enterprise Management Console are expanded using optional plug-in applications.

The imageWARE Enterprise Management Console and many plug-ins are available at no charge. The imageWARE Enterprise Management Console and optional plug-ins are available for the customer and/or dealer through Canon U.S.A.'s www.imageware.com Web Site or to the dealer only through Canon U.S.A.'s e-Support Center Web Site (www.support.cusa.canon.com).

V.   Dealer Sales/Service Authorization

To become authorized to sell, service and maintain the imagePRESS C60 a dealership must have:

- Two (2) technicians who have successfully completed the imagePRESS C800/C700 Series Training Program.
- One (1) Systems Engineer who has successfully completed the imagePRESS C7000VP Systems Training Program (EFI Controller based).

VI.   Educational Training

The learning path for a service technicians to secure certification to service and maintain the imagePRESS C60 is based on the current imageRUNNER ADVANCE and imagePRESS product training.

The blended training program is offered in formats to optimize learning and minimize the need to travel to a Canon facility to attend classroom training. The formats are as follows:

- Online Training – students must complete online material before attending an Instructor-led session
- Instructor-led Training (ILT) – available at each of our Canon Regional Training Facilities
- Virtual Instructor-led – an Instructor-led session conducted via a WebEx session.

A.   imagePRESS C800/C700 Training

The learning path for the imagePRESS C60 Devices has been designed to build the knowledge and skills of your support professionals that will affect your customers in the most positive manner, both in the support of the product and the solutions you offer.

1.   Learning Path for New Service Technicians

This training path is a comprehensive blended learning programs, which will prepare the new service technician to setup and service the imagePRESS C60 Series devices.

Non-Certified Service Technicians	→	imageRUNNER ADVANCE Systems Online Training Online Course (18IRTAS00O)	→	imageRUNNER ADVANCE C9000/C9200/C7000/C7200 Online Training Online Course (19IRTAC9092100O)	→	imagePRESS C800/C700 Blended Training Online Course (19IPCIP700O) and 5-Day ILT Course (19IPCIP7001C)
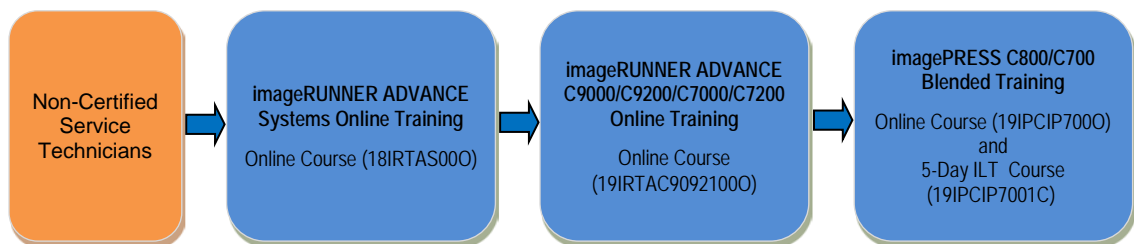
Table 8 – imagePRESS C60 New Technician Training

Course Name	Course Code [3]
Applied Technology Curriculum	07TATNEW00B
Basic Color Principles	09TCT17E
imageRUNNER ADVANCE Systems Online Training	18IRTAS00O
imageRUNNER ADVANCE C9000/C9200 Online Training	19IRTAC9092100O
imagePRESS C700/C800 Online Training	19IPCIP700O
imagePRESS C700/C800 Classroom	19IPCIP7001C

3   Item Numbers and Part Numbers are subject to change without notice.

2. Learning Path for imageRUNNER ADVANCE C9000 PRO Series Certified Service Technicians

This learning path a comprehensive learning programs for service technicians with prior certifications on the imageRUNNER ADVANCE C9000 PRO Series, imageRUNNER ADVANCE C9000S PRO Series and the imageRUNNER ADVANCE C9200 PRO Series. This learning path will prepare the service technician to setup and service the imagePRESS C60 devices.

Table 9 – Required Courses for Technicians with imageRUNNER ADVANCE C9000 Series Certification

Course Name	Course Code [3]
imagePRESS C700/C800 Online Training	19IPCIP700O
imagePRESS C700/C800 Virtual Class	19IPCIP7001VC

3   Item Numbers and Part Numbers are subject to change without notice.

3. Learning Path for imagePRESS C7000VP Series Certified Service Technicians

This learning path is a comprehensive learning program for service technicians with prior certification on the imagePRESS C7000VP/C7000VPS Series, imagePRESS C7010VP/C7010VPS Series, and imagePRESS C7011VP/C7011VPS Series. This learning path will prepare the service technician to setup and service the imagePRESS C60 devices.

imagePRESS C7000VP Series Certified Service Technicians → imageRUNNER ADVANCE Systems Online Training Online Course (18IRTAS00O) → imageRUNNER ADVANCE C9000/C9200/C7000/C7200 Online Training Online Course (19IRTAC9092100O) → imagePRESS C800/C700 Blended Training Online Course (19IPCIP700O) and 5-Day ILT Course (19IPCIP7001C)
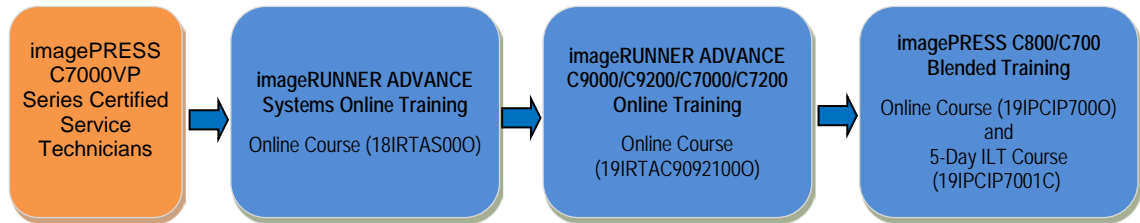
Table 10 – Required Courses for Technicians with imagePRESS C7000VP Series Certification

Course Name	Course Code [3]
imageRUNNER ADVANCE Systems Online Training	18IRTAS00O
imageRUNNER ADVANCE C9000/C9200 Online Training	19IRTAC9092100O
imagePRESS C700/C800 Online Training	19IPCIP700O
imagePRESS C700/C800 Classroom	19IPCIP7001C

3   Item Numbers and Part Numbers are subject to change without notice.

4. Learning Path for Systems Engineers

This learning path is a comprehensive group of blended learning programs, which will prepare the new systems engineer to setup and service the imagePRESS C60 devices.

The imagePRESS C60 systems engineer should complete the imagePRESS C7000VP Systems Training Program (EFI Controller based).

Non-Certified Systems Engineer → imagePRESS C7000VP Systems / EFI Controller Based Blended Training
Online Course (09IPCIP7S00O)
and
5-Day Classroom Course (09IPCIP7S11C_DUP)
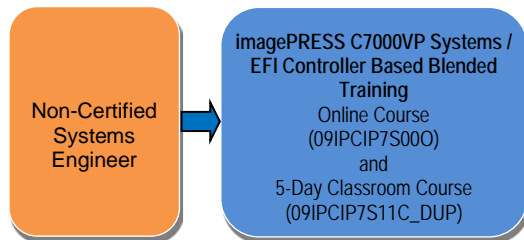
Table 11 – Required Courses for Technicians with imagePRESS C7000VP Series Certification

Course Name	Course Code [3]
imagePRESS C7000VP Systems / EFI Controller Based Online Training	09IPCIP7S00O
imagePRESS C7000VP Systems / EFI Controller Based Classroom Training	09IPCIP7S11C_DUP

3   Item Numbers and Part Numbers are subject to change without notice.

B. Certification

- imagePRESS C60

The successful completion of the imagePRESS C800/C700 Blended Training programs and passing of the final assessment exam are required to sell this product.

C. Who Should Attend

It is required that any technician responsible for installing, servicing, or supporting the imagePRESS C60 machines successfully complete the blended training course and pass the final assessment exam.

Note: Our current support policy dictates that only those technicians who have completed the training program and pass the final assessment exam are entitled to live, phone-based support through our TSC (Technical Support Center). However, self-service support (software downloads, knowledgebase articles, support forums, technical publications) is available through our e-Support Center Web Site for all technicians. (Refer to the Technical Support section on the e-Support Center Web Site for entitlement details.)

D. Staple Finisher-T1 / Booklet Finisher-T1 Training Course

The Staple Finisher-T1 / Booklet Finisher-T1 on-line course provides technicians with the theoretical concepts to install, configure, and support the Staple Finisher-T1 / Booklet Finisher-T1.

Notes:

- Service technicians with Training Program certification for the imageRUNNER ADVANCE C9000/C9200/C7000/C7200 series or the imagePRESS C1/C1+/C1+II will automatically be certified on the Staple Finisher-T1 / Booklet Finisher-T1 and do not need to complete the Staple Finisher-T1 / Booklet Finisher-T1 Course
- Service technicians without prior training program certifications must complete this Staple Finisher-T1 / Booklet Finisher-T1 on-line course

Table 12 – Staple Finisher-T1 / Booklet Finisher-T1 Training Course

Module Name	Course Code [3]
Staple Finisher-T1 / Booklet Finisher-T1 eLearning Course	19IPCSFBF00O

3   Item Numbers and Part Numbers are subject to change without notice.

E. Professional Puncher–B1 Training Courses

The Professional Puncher–B1 training course is designed to provide technicians with the theoretical concepts and operation to setup and service of the Professional Puncher–B1.

- Service technicians with Training Program certification for the imageRUNNER ADVANCE C9000/C9200/C7000/C7200, imageRUNNER advance 8200/6200 Series, ImageRUNNER 7105 Series or the imagePRESS 1135 Series will need to take the online module only. To be certified on the Professional Puncher-B1 and do not need to complete the Professional Puncher-B1 classroom module
- Service technicians without prior Training Program certifications must complete the Professional Puncher-B1 classroom module

Table 13 – Additional Accessory Training Courses

Module Name	Course Code [3]
Professional Puncher-B1 Online Module	09IPC7PPB101E
Professional Puncher-B1 Classroom Module	09IPC7PPB00E

3   Item Numbers and Part Numbers are subject to change without notice.

F. Training Facilities

1. Online Courses

The online courses are located in the e-Learning center on the Canon USA e-Support Center Web Site. Certification maps on the e-Support Center Web Site provide easy access to the training. The online courses can be conducted at any dealer facility that is suitable for online student learning.

2. Virtual Instructor-Led

Virtual Instructor Led training courses are conducted via a WebEx session. Students can participate locally in this training event (which uses video display of hands-on servicing techniques) without the need to travel to a Canon training facility.

3. Classroom Training Facilities

Classroom training is available in each of the five Canon Regional Training Centers:

- Jamesburg, New Jersey
- Norcross, Georgia
- Irving, Texas
- Itasca, Illinois
- Irvine, California

G. Course Equipment

- Windows workstation (Vista, XP, 2007, or higher)
- Microsoft Internet Explorer v7.0 or higher
- Applicable accessories (hardware and software)

H. Service Materials

The materials required for the imagePRESS C800/C700 Training Program are listed in the table below.

Table 14 – Service Materials

Model	Item	Location
imagePRESS C60	e-Learning Training Program	Conducted online
	Service Manual	Downloadable from within the e-Learning course and the e-Support Center Web Site
	Parts Catalog	
	User Guides	
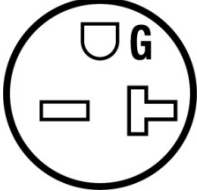
VII. Servicing Notes

A. Power and Plug Requirements

Canon USA Inc. strongly suggests dedicated and properly grounded outlets be provided for these imagePRESS devices.

The imagePRESS C60 Main Unit requires a dedicated single phase 208V/20A NEMA 6-20R receptacle for proper operation

Table 15 – Power Receptacle

imagePRESS C60 Main Unit
NEMA 6-20 Receptacle
Accessories / Controllers
NEMA 5-15 Receptacle

🤚 IMPORTANT

- We recommend an additional standard 120 V/15 A NEMA 5-15 outlet for service tools, such as a laptop computer or vacuum that may be used when servicing or configuring the machine.
- Use only dedicated and properly grounded outlets for the main unit and imagePRESS Server Controllers. It is also strongly suggested to use dedicated and properly grounded outlets for each optional accessory. Do not use extension cords. The ground connection serves to provide the internal electronics with a reference voltage. Faulty or poor ground sources will cause this reference voltage to fall into a range that no longer serves as a reliable reference voltage. The internal logic and programming of the imagePRESS machines will not perform reliably if there is an insufficient difference between the internal operating signal voltages and the poor ground reference signal. A qualified electrician can measure and provide the ground source that the imagePRESS machines or any computer controlled office equipment requires.
- Before installation, confirm that all necessary receptacles are available.
- Phase converters and step-down transformers are not supported

Table 16 – Power and Plug Requirements

Note: Phase converters and step down transformers are not supported

imagePRESS C60 with POD Deck Lite-B1, Booklet Finisher-T1 and External 2/3 Hole Puncher-C1

208V/20A NEMA 6-20   120V/15A NEMA 5-15

Booklet Finisher-T1   External 2/3 Hole Puncher   Engine   POD Deck Lite

imagePRESS C60 with Multi Drawer Paper Deck-B1, Saddle Finisher-AM2, and Professional Puncher-B1 with integration Unit-C1

120V/15A NEMA 5-15   120V/15A NEMA 5-15   208V/20A NEMA 6-20   120V/15A NEMA 5-15

Saddle Finisher   Pro Puncher I/F Unit   Engine   Multi Drawer PD

Table 17 – Power and Plug Requirements for Main Unit and Accessories

Description	Power Supply	Plug Specifications
imagePRESS C60	Single-phase 208V / 20A outlet	NEMA 6-20
Duplex Color Image Reader-H1	From the Main Unit	N/A
Stack Bypass-B1		
Staple Finisher-T1		
Booklet Finisher-T1		
External 2/3 Hole Puncher-C1		
Puncher Unit-BS1	From the Finisher-AM1 or Saddle Finisher-AM2	
Puncher Unit-BT1		
POD Deck Lite-B1	120V / 15A outlet	NEMA 5-15
Multi-Drawer Paper Deck-B1		
Saddle Finisher-AM2		
Finisher-AM1		
Professional Puncher-B1 & Professional Puncher integration Unit-C1[25]		
imagePRESS Server F200 [26]		
imagePRESS Server G100		

---

25   The Professional Puncher Integration Unit-C1 is powered from the Professional Puncher-B1
26   If the optional Integrated Interface & Stand-A1 is used, an additional 120V / 15A NEMA 5-15 receptacle is required for the monitor.

B.   Hardware Configuration Chart

Figure 1 – Hardware Configuration Chart
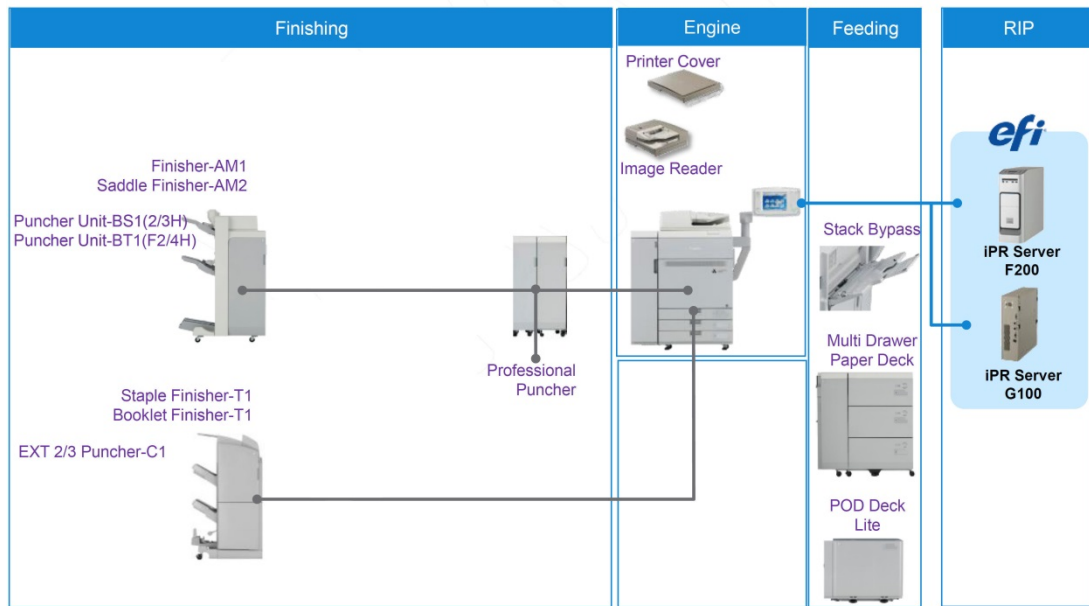
C. Installation Weight & Dimensions

The imagePRESS C60 approximate weight and dimensions differ depending on how it is configured with the optional accessories. The dimensions are for reference only and should not be confused with the required space for installation.

Table 18 – Weight

Item	Approximate Weight	
Main Unit (including toner the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1)	697 lb	316 kg
Duplex Color Image Reader Unit-H1 (includes feeder)	59.3 lb	26.9 kg
POD Deck Lite-B1 (including Attachment Kit)	168 lb	76 kg
Multi-Drawer Paper Deck-B1	342 lb	155 kg
Stack Bypass-B1	11.9 lb	5.4 kg
Output Tray-AI	2.6 lb	1.2 kg
Professional Puncher-B1	176 lb	80 kg
Professional Puncher Integration Unit-C1	88 lb	40 kg
Saddle Finisher-AM2	397 lb	180 kg
Finisher-AM1	287 lb	130 kg
Puncher Unit-BS1 or Puncher Unit-BT1	7 lb	3 kg
Staple Finisher-T1	106 lb	48 kg
Booklet Finisher-T1	159 lb	72 kg
External 2/3 Hole Puncher-C1	17 lb	7.7 kg
Copy Card Reader-F1(including the attachment kit and cable)	7.1 oz	0.2 kg

Table 19 – Dimensions

Item	Height		Width		Depth	
Main Unit (When the Duplex Color image Reader and Upright Control Panel-D1 are attached)	56.1"	1,424 mm	60.25"	1,530 mm	36.75"	934 mm
Duplex Color Image Reader-H1	7.1"	179 mm	24.88"	633 mm	23.75"	603 mm
Multi Drawer Paper Deck–B1	41"	1,040 mm	37.4"	950 mm	31.4"	797 mm
POD Deck Lite-B1	22.5"	572 mm	28.2"	717 mm	27.0"	686 mm
Stack Bypass-B1[27]	2.9"	75 mm	19.3"	490 mm	15.1"	383 mm
Output Tray-A1	6 .88"	175 mm	16.6"	422 mm	15"	382 mm
Professional Puncher-B1 with Integration Unit	41"	1,040 mm	22"	560 mm	31.2"	792 mm
Saddle Finisher-AM2	48.75"	1,239 mm	31.5"	800 mm	31.25"	792 mm
Finisher-AM1	48.75"	1,239 mm	31.5"	800 mm	31.25"	792 mm
Puncher Unit-BS1 & BT1	Inside of the Finisher-AM1 / Saddle Finisher-AM2					
Staple Finisher-T1	44.13	1,121 mm	25.38	644 mm	25.88	656 mm
Booklet Finisher-T1	44.13	1,121 mm	25.5	646 mm	25.88	656 mm
External 2/3 Hole Puncher-C1	31.5"	825 mm	4.25"	107 mm	24.25"	615 mm
Copy Card Reader-F1	1.6"	40 mm	3.5"	88 mm	3.75"	96 mm

27   Extension tray shortening

D. Installation Space Requirements

The imagePRESS C60 machine approximate installation space requirements may differ, depending on how the machine is configured and the optional accessories attached. Always ensure that there is enough space for servicing and operation of the main unit and configuration.

⊘IMPORTANT

- Rear Space:

  - Keep the back of the machine at least 4" (100 mm) away from a wall when the Main Unit is configured with the Output Tray-A1, Duplex Color Image Reader Unit-H1, Upright Control Panel-D1, and finishing options (Finisher-AM1, Saddle Finisher-AM2, Staple Finisher-T1, Booklet Finisher-T1).

    Note: To service the imagePRESS C60 configured with finishing options, an additional 15 minutes is required for service to accommodate separating and moving the Finisher from the imagePRESS and then returning, reconnecting and leveling the module.

  - Keep the back of the machine at least 31.5" (800 mm) away from a wall when the Main Unit is configured with any paper feed or additional accessories.

- Front and Sides

  - Make sure that at least 19.75" (500 mm) of space is left around the front, left, and right sides of the when the Main Unit is configured with the Output Tray-A1, Duplex Color Image Reader Unit-H1, and Upright Control Panel-D1.
  - Make sure that at least 39.4" (1,000 mm) of space is left around the front, left, and right sides of the machine when the Main Unit is configured with finishing options, paper feed options or additional accessories.

- Floor Structure:

  The floor on which this machine will be installed must have a floor load of at least 61.5 lb/ft^2 (300 kg/m^2). Even if the floor does not have this level of floor load, the machine can be installed near a pillar or beam. Consult with your building contractor before installing the machine.

  The weight of the machine will be primarily focused on the floor through the adjuster and wheels. We recommend the use of a floor plate to distribute the weight.

  We also recommend the use of a floor plate when installing the machine on carpet or wood flooring. For information about floor plates, contact your dealer.

  Do not install the machine on an unstable floor or platform.

- Minimum corridor width to navigate turns for the main unit and most accessories is 85.5" (2,170 mm).
- The machine should not be moved once it is in place.
- Do not place anything around the machine. Especially, do not place anything around the breaker, as doing so may prevent access to the breaker in an emergency, possibly resulting in personal injury.

Table 20 – Installation Space

Output Tray-A1, Duplex Color Image Reader Unit-H1, and Upright Control Panel-D1 are attached

100 mm (4") or more
500 mm (19 3/4") or more
500 mm (19 3/4") or more
1,524 mm (60")
1,952 mm (76 7/8")
500 mm (19 3/4") or more
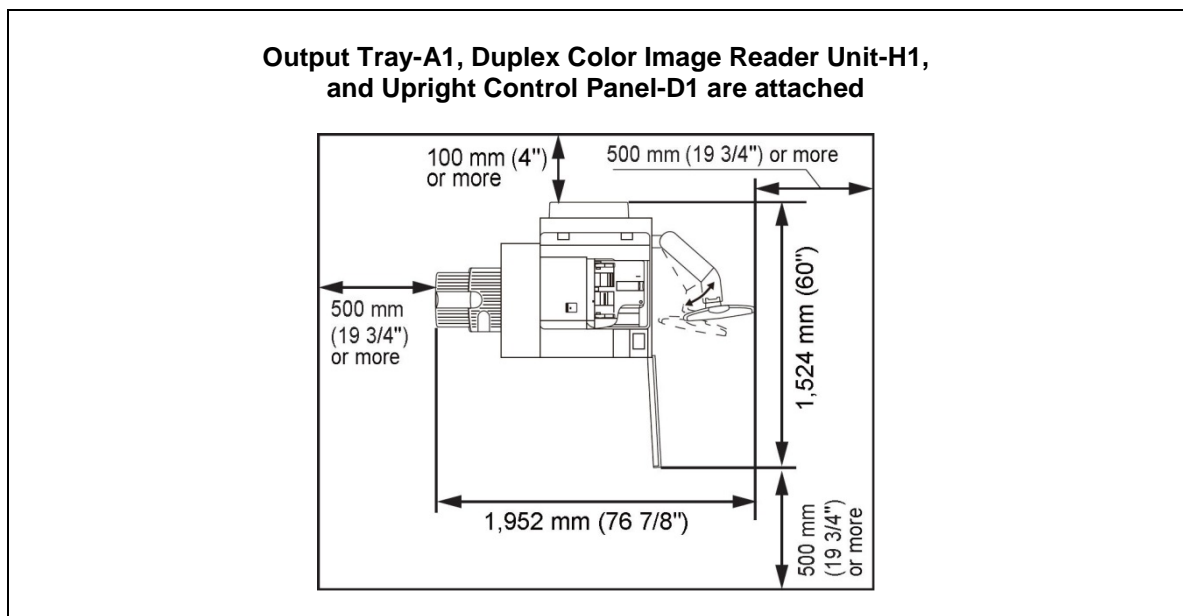
Output Tray-A1, Duplex Color Image Reader Unit-H1, Upright Control Panel-D1, and Saddle Finisher-AM2 are attached
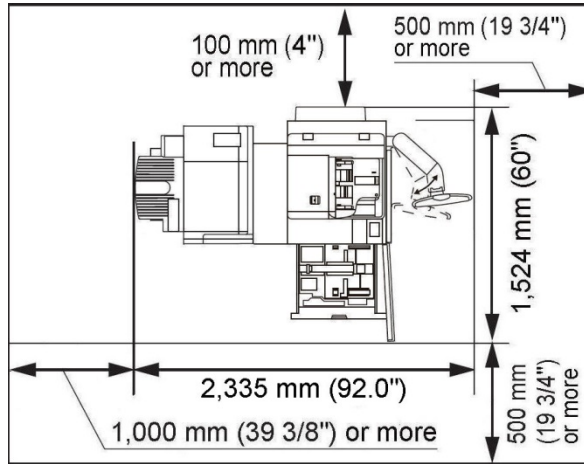
Saddle Finisher-AM2, Professional Puncher Integration Unit-C1, Professional Puncher-B1, Duplex Color Image Reader Unit-H1, Upright Control Panel-D1, and Multi-drawer Paper Deck-B1 are attached
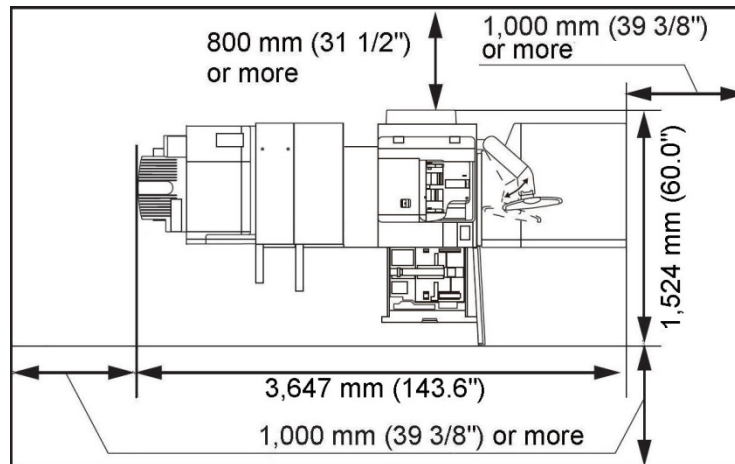
Booklet Finisher-T1, External 2/3 hole puncher-C1, Duplex Color Image Reader Unit-H1, Upright Control Panel-D1, and Multi-drawer Paper Deck-B1 are attached
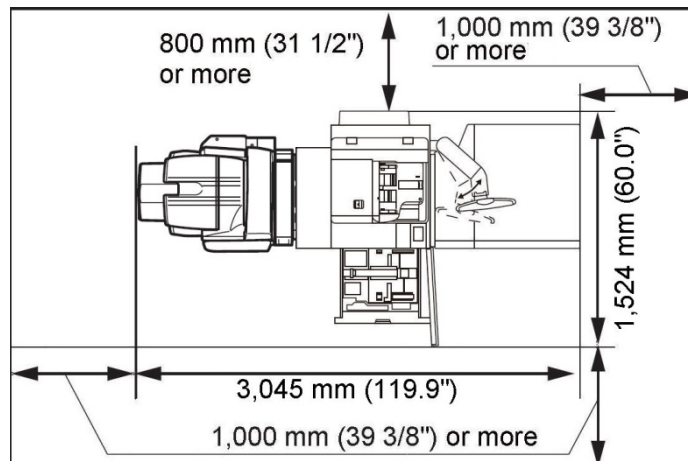
E. Estimated Installation Times

The table below indicates the estimated length of time needed to unpack and install the main unit and optional accessories, calculated from the average amount of labor hours. The estimated unpack and installation times are based on a minimum of two (2) experienced technicians unless otherwise specified.

⬛ IMPORTANT

Setup time varies due to many factors, most of which the installation technician has little control over. Some obstacles may include:

- Forklift availability and its operator
- Narrow hallways or a need to remove doors to enter rooms
- Uneven or damaged floors making leveling equipment difficult and time consuming

With the above-mentioned obstacles considered, an installation of the imagePRESS C60 Main Unit can take longer than the estimated total times below.

Table 21 – Estimated Installation Times

Estimated Installation Times	
Description	**Estimated Installation Time**
Main Unit	64 minutes
Operator Panel	15 minutes
Duplex Color Image Reader Unit-H1	12 minutes
Printer Cover-F1	8 minutes
Stack Bypass-B1	8 minutes
Stack Bypass Alignment Tray-C1	5 minutes
POD Deck Lite-B1	15 minutes
POD Deck Lite Attachment Kit-A1	10 minutes
Multi-Drawer Paper Deck-B1	21 minutes
Paper Deck Double Feeding Detection Kit-A1	13 minutes
Finisher-AM1	17 minutes
Saddle Finisher-AM2	18 minutes
Puncher Unit-BS1 or Puncher Unit-BT1	13 minutes
Staple Finisher-T1	16 minutes
Booklet Finisher-T1	18 minutes
External 2/3 Hole Puncher-C1	18 minutes
Professional Puncher-B1 & Professional Puncher Integration Unit-C1	22 minutes
Removable HDD Kit-B1	32 minutes
Copy Card Reader-F1 and Copy Card Reader Attachment Kit-A2	13 minutes
Auto Gradation Sensor-A1	6 minutes
Voice Guidance Kit-F1	19 minutes
USB Device Port-A3	7 minutes

Table 21 – Estimated Installation Times Continued

Estimated Installation Times	
Description	**Estimated Installation Time**
Multimedia Reader/Writer-A3	7 minutes
imagePRESS Server F200	90 minutes
imagePRESS Server G100	90 minutes

F. Recommended System Engineer Requirements

An SE (System Engineer)[28] is recommended to work with Canon's networked devices, and should have the following basic job functions:

- Systems integration (pre-sale and post-sale)
- Installation
- Education of customers and dealership personnel
- Troubleshooting

To perform the above tasks successfully, it is crucial that the SE have strong computer skills and working knowledge in the following areas (listed in order of importance):

1. The major computer platforms (IBM-compatible and Macintosh)
2. Computer hardware (including cabling)
3. Computer software (including drivers)
4. Operating systems:

    - Windows 2000 Professional/Server/Advanced Server
    - Windows XP Professional/Home Edition (32 bit)
    - Windows XP Professional x64 (64 bit)
    - Windows Server 2003 (32 and 64 bit versions)
    - Windows Vista (32 bit)
    - Mac OS versions 10.1.5 and up (for PS/PCL), and versions 10.2.8 – 10.4.2 (for UFR II)

5. Network Operating Systems:

    - Novell NetWare 3.*x*, 4.*x*, 5.*x*, and 6.*x*
    - Windows NT/2000/2003
    - Mac OS X

6. Protocols:

    - TCP/IP
    - IPX/SPX
    - NetBIOS
    - AppleTalk

---

28 An SE (System Engineer) is a professional title often used by hardware vendors for individuals who perform systems related tasks, such as analysis, design, and programming. System Engineers are also often involved in pre-sales activities.

7. Printing
8. Scanning

It is also important that the SE have computer skills and working knowledge in the following areas:

- Other computer platforms (mainframe and UNIX)
- Networking
- Basic electronics

The Education/Training (listed in preferred order) of a successful Canon dealership's SE include:

1. Novell CNA or Novell CNE or Microsoft MCSE certification
2. Two years of experience being a Canon Copier Service Technician (training centered on connectivity products)
3. A degree in Computer Science or Engineering, or a computer technician with two years of experience is required in the above areas.

G. Remote Serviceability

1. imageWARE Remote

The imageWARE Remote service collects meter readings (page counter data, service part counter data) and service alerts (alarm, jam, and error codes) from Canon devices and third-party devices.

An imagePRESS C60 device, with the embedded Remote Diagnostic System enabled, transmits meter readings and service alerts directly to the UGW (Universal Gateway) database. Note: imageWARE Remote is available for the imagePRESS C60 with the imagePRESS Server attached.

The optional Remote Diagnostic System [29] (RDS) Plug-in to the imageWARE Enterprise Management Console retrieves meter readings select service alerts and supplies usage data from up to 1,000 Canon printers, Canon multifunction devices and third-party devices utilizing the standard printer Management Information Base (MIB). The RDS Plug-in transmits the collected data directly to the UGW database. In addition, the plug-in can register devices to the UGW database.

The dealership can retrieve the meter reading and service alert data via a Web portal or using an optional integration applications to communicate the data to your dealership's back-end device management system.

---

[29] The imageWARE Enterprise Management Console and Remote Diagnostic System Plug-in are available at no charge. For more information, refer to the Technical Publication TP10 360 available from the Canon eSupport Center Website.

imageWARE Remote provides the following labor cost reduction benefits:

- Retrieve meter readings for billing, which reduces the need for an on-site meter read or a phone call to the customer to read the meters.
- Anticipate part requirements by monitoring the imagePRESS C60 meter readings. Monitoring the page counter and service part counter data, the service technician can anticipate when a part requires replacement and have the part available during the next scheduled service visit.
- Investigate machine issues before visiting the customer site by monitoring service alerts. The notification settings can be adjusted by your dealership within the Web Portal or the integration application.

  - This enables the service technician to visit the customer with service alert information and necessary parts, thereby reducing revisits by the service technician due to the unavailability of service parts.
  - Resolve simple issues over the phone, which reduces the need for an on-site service visit.
- Schedule firmware downloads to one or more imagePRESS C60 devices via the CDS (Content Delivery System), which reduces the need for an on-site firmware upgrade.

2. Content Delivery System

The CDS is Canon's next generation system for the delivery and installation of firmware and MEAP (Multifunction Embedded Application Platform) applications to imagePRESS C60 devices with the imagePRESS Server attached. The advantages of the CDS include reduced service costs (labor and travel), and improved first-call resolution and having the latest version of firmware always available to download and install on the imagePRESS C60 devices.

With the CDS, end-users are able to download select MEAP applications (.jar files and license files) from the CDS server via the User Interface of the imagePRESS C60 device. Additionally, select client applications and related manuals are available from the CDS Web Site (http://www.canon.com/fau/downloads).

However, the value of using the CDS is realized when updating multiple imageRUNNER ADVANCE devices. You can save up to 40 minutes per machine for firmware downloading and installation.

There are three methods, which helps you to deliver firmware updates to imagePRESS C60 devices:

Table 22 – CDS Firmware Delivery Methods

Method		Download Firmware	Install Firmware	Frequency	Cost Savings
A	Scheduled Update (at device)	Automatic	Automatic	Recurring periodically	Fully unattended updates after initial one-time setup (less than 5 minutes)
B	Update (remotely through UGW + CDS)	13 hours to 7 days in advance	Automatic	One time as scheduled	Eliminate technician visits
			Manual		Reduce duration of technician visit
C	Update (at device)	Up to 7 days in advance	Automatic	One time as scheduled	Fully unattended update after configuring (less than 5 minutes), when using automatic installation.
			Manual	One time on demand	

Method A – This method ensures that the device will always have the latest version of firmware installed. After a one-time setup by the service technician, the imagePRESS C60 will automatically download and install new firmware as it becomes available. No further visits are necessary for firmware updates.

Method B – This method enables the dealership to schedule a firmware download to the imagePRESS C60 via the UGW. This method also provides the option to install the firmware automatically without a service technician on-site or manually with a service technician on-site.

Method C – This method provides service technician with access to the most recent version of firmware on demand at the machine as well as having the flexibility to schedule the installation for a later time. A service technician visit is required for each firmware update (as compared to the one-time setup with Method A). However, the service technician no longer needs to maintain a library of firmware versions.

Note: The Content Delivery System is available for the imagePRESS C60 with the imagePRESS Server attached.

3. **Remote Operator's Software Kit**

The Remote Operator's Software Kit provides alternative access for end-users with mobility or dexterity impairments. This software emulates the imagePRESS C60 control panel and hard keys on a computer screen, thereby allowing end-users to operate all system functions–including copy, print, fax, scan, and send–from a network connected computer.

Service technicians and helpdesk applications can use the Remote Operator's Software Kit for remote management, troubleshooting, and support, including access to the device service mode. Additionally as a training tool, the Remote Operator's Software Kit can be used to demonstrate device features to end-users.

Notes:

- Canon USA recommends that when performing operations using the Remote Operator Software Kit with end-users that the procedure to enter service mode not be shown to the end-user. Access to the Service Mode by the end-user could allow for changes that may cause the device to alter normal operation resulting in additional Service calls.
- The Remote Operator's Software Kit is a standard feature for the imagePRESS C60 with the imagePRESS Server attached.

H. Device Configuration Management

The Device Configuration Manager (DCM) is a standard feature of the imagePRESS C60. The DCM can reduce the installation time for new or replacement imagePRESS C60 devices by exporting the user mode and service mode settings of a current imagePRESS C60 device for import to a new or replacement device.

The settings can be exported from the current devices using Remote UI, Device Information Delivery Function or via the service mode to USB memory media.

The settings can be imported to a new or replacement device using the Remote UI, or from USB memory media via the service mode.

Refer to the imagePRESS C60 Service Manual for details.

The Device Migration Navigator is an application that can help the service technician select the best migration tool (Remote UI, USB Memory Media) for device settings based on the source device, destination device, and settings to transfer. The Device Migration Manager delivers a printable report that will show the service technician the tool(s) to use, the migration procedure as well migration limitations. The Device Migration Navigator is available at no charge from the Canon eSupport Center Website Download Center.

Note:

- This process is available for the imagePRESS C60 with the imagePRESS Server attached.
- This process is not to be confused with the process to back up or restore RAM Data.

I. Firmware Upgrade

1. Computer Requirements for Upgrading

The following are the recommended Desktop PC or laptop specifications[30] to download the firmware are:

- CPU: Celeron 400 MHz or higher (32-bit processor only)
- Memory: 512 MB of RAM or more
- Free HDD Capacity: 1 GB or more of available hard disk space. (Available disk size depends on the firmware in question and the size of backup data.)
- Access to e-Support via the internet: Firmware is available for download from e-Support.
- CD-ROM Drive with write capability (optional): A CD-ROM drive is not required since the firmware can be downloaded from e-Support to a PC. However, a copy of the firmware can be written to a CD for the Dealer Library.
- High-Speed USB 2.0 (recommended) or 1.1
- Display: VGA 640 x 480 resolution or better, 256 colors or more
- Operating System (any of the following):

  o Microsoft Windows 2000 Server/Professional
  o Microsoft Windows XP Professional or Home Edition

- Network connection: 10Base-T/100Base-TX, or a PCMCIA slot for an Ethernet card
- Download Tool: SST version 4.74 or later
- Necessary Cables:

  o High-Speed USB 2.0-compliant cable (as short as possible to avoid connection problems). **Note:** Do not use extension cables.
  o Cross-over Ethernet cable: twisted pair cross cable (in the case of 100Base-Tx, Category 5 or higher)

---

30   Specifications are subject to change without notice.

2. imagePRESS Firmware Upgrades Using the Service Support Tool

The SST[31] (Service Support Tool) (version 4.74 or later) is available via Canon's e-Support Center Web Site for upgrading the following system components:

a) Upgrade Functions:

- System Software stored on the HDD
- Main engine firmware
- Accessory firmware (Refer to the SST User Manual for a list of supported devices and accessories.)
- MEAP Contents
- Language
- HDD Format
- RUI (Remote User Interface) stored on the HDD
- BootROM stored on a FDIMM (Flash Double Inline Memory Module) on the Main Controller PCB (Printed Circuit Board)

The imagePRESS C60 devices support firmware downloads from the SST and a USB memory stick. When the hard disk drive is replaced, the SST is used to format the new HDD and load software.

The SST Download Progress Monitor[32] is available via the Canon USA e-Support Center Web Site. The tool must be used whenever an imagePRESS firmware update is performed, as it will enable the service technician to monitor the download progress of firmware to the imagePRESS C60. Refer to the Service Manual for complete upgrading procedures.

b) Backup / Restore RAM Data

If replacing PCBs with FDIMMs attached or initializing RAM, the Service Support Tool can be used to create a backup file of the RAM data on the FDIMMs and saved to a PC. Once the PCB has been replaced, the RAM backup file can be restored to the imagePRESS device and factory settings restored.

---

[31]   Check the e-Support Center Download Center for the most current version of the Service Support Tool
[32]   Check the e-Support Center Download Center for the most current version of the SST Download Progress Monitor.

J. LMS (License Management System)

To activate optional software programs and features preinstalled on the imagePRESS, you must obtain a license through the LMS server. This replaces the need for additional hardware or dongles to activate new software.

The LMS is a server-based software license program. All purchased software application packages contain a license access number certificate with the documentation. The dealer must enter the license access number and the imagePRESS device's serial number into the LMS server to generate a license key. The URL to access the LMS server is: http://www.canon.com/lms/ir/.

Figure 2 – License Management System

If there are activation or installation issues, contact the Technical Support Center. Be prepared to provide the product's serial number, license access number, and license key.

Notes:

- The license access number comes with the software. Keep the license access number in a secure location, as it cannot be replaced if it is lost.
- The machine's serial number can be found on the Counter Check screen on the machine's UI.
- Activated software programs are not impacted by normal service activity.

K. Content Delivery System Web Site

The CDS Web Site enables end-users to download, install, and activate select MEAP applications (.jar and license files) via the imageRUNNER ADVANCE device directly, without the need to go through the LMS and Service Management Service.

To manage licenses, register, and install MEAP applications, you can access the CDS directly from the imageRUNNER ADVANCE device's touch panel display, enter the LAN (License Access Number) of the MEAP application when prompted, and then follow the instructions on the touch panel display to install and register the MEAP application.

Some MEAP applications include a Software License Agreement to which you must agree before you can complete the installation and registration process.

Additionally, you can download select client applications and related manuals from the CDS Web Site located at: http://www.canon.com/fau/downloads.

Figure 3 – Content Delivery System Web Site
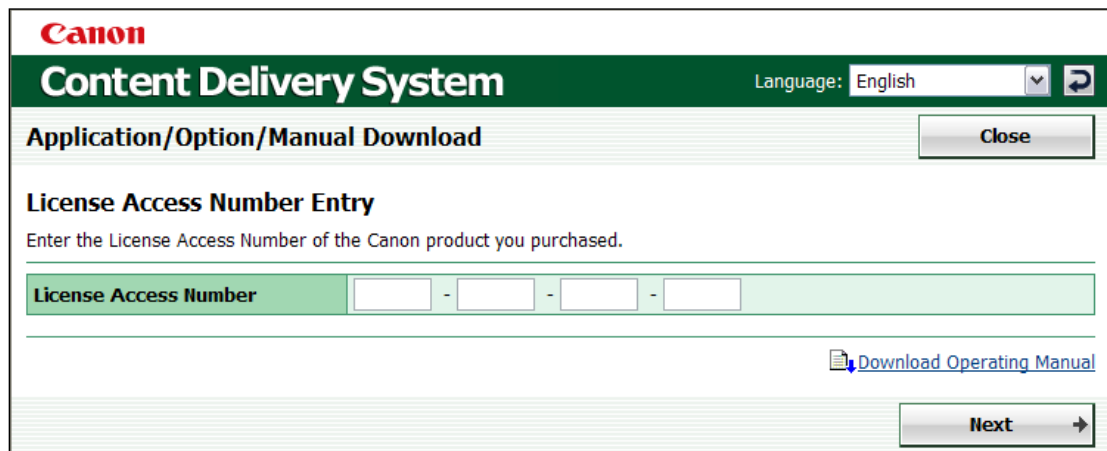
If there are activation or installation problems, contact the Technical Support Center, and provide the product's serial number and LAN.

L. Hard Disk Drive Handling

The imagePRESS C60 machines use a HDD (Hard Disk Drive) for storing firmware and image data. The HDD is easily affected by shock, vibration, and static charge. Therefore, its handling requires special care. When transporting a HDD, which is available as a service part, it must be kept in its original package until it is installed in a machine.

⚠ **CAUTION**

Canon USA or any of its affiliates or dealers are not liable for any damages for loss of data received or stored on the hard disk, including loss arising from lost opportunity to use such data, even if Canon is informed of the possibility of such damages. Therefore, it is recommended to not permanently store data on the HDD without having secured copies or printouts of such data. (Review the terms of the product's Limited Warranty for more details.)

🖐 IMPORTANT
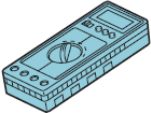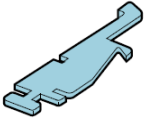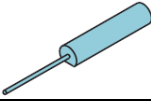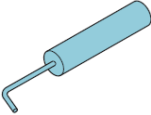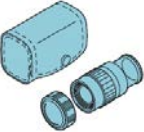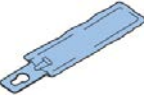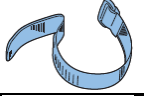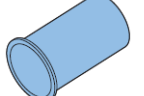
If the HDD must be replaced due to a fault, all MEAP application files stored on it will be lost, requiring all applications and their license files to be reinstalled, in addition to replacing the HDD. Refer to the *imagePRESS C800/C700/C60 Series Service Manual* for further details.

M. Special Tools, Solvents & Oils

In addition to the standard tools used to service these devices, the following special tools should also be carried by a service technician, according to the tool's rank. For more information on the special tools, solvents, and oils below, see the imagePRESS C800/C700/60 Series Service Manual.

Table 23 – Special Tools, Solvents, and Oils List

Description	Appearance	Rank	Item Number[3]	Remarks
Digital Multimeter		A	FY9-2002-000	Use for electrical checks; for adjustment of laser power in combination with the laser power checker.
Door Switch		A	TKN-0093-000	Used to open all internal covers and service the machine while the machine is running.
Tester Extension Pin		A	FY9-3038-000	Used as a probe extension when making electrical checks.
Tester Extension Pin (L-shaped)		A	FY9-3039-000	Used as a probe extension when making electrical checks.
CA-7 Test Sheet		A	FY9-9323-000	Used for checking and adjusting images.
Loupe		B	CK-0056-000	Used for checking images
Cleaning Tool		A	--	To clean the feed guide. (This is not a service tool) One is included with the host machine.
Waste Toner Bag		A	FC0-2235-000	For disposing waste toner A set of 5 bags"
Waste Toner Band		A	FC0-2236-000	For fixing the Waste Toner Joint
Waste Toner Joint		A	FC0-2237-000	For disposing waste toner

3   Part numbers are subject to change without notice.

Table 23 – Special Tools, Solvents, and Oils List Continued

Description	Appearance	Rank	Item Number[3]	Remarks
Tospearl 240		B	FY9-6007-000	ITB Cleaning Blade Lubricant
Electrode for Checking a Potential Sensor		B	FY9-3059-000	Used to check for a potential zero-level surface sensor.
Rank Description				
A: Each service person is expected to carry one. B: Each five or so service persons are expected to carry one.				

3   Part numbers are subject to change without notice.

N.   Solvents and Oils

Table 24 – Solvents and Oils

Name	Uses	Item Number[3]	Remarks
Alcohol	Cleaning;		• Do not bring near fire • Procure locally • Substitute: IPA (isopropyl alcohol)
Molykote EM-50L	Lubrication; e.g., Bearing part of the finisher	HY9-0007-000	
Super Lube Grease	Worm gear part of Primary Charging Assembly and Pre-transfer Charging Assembly.	FY9-6005-000	85 g
EU-1	Lubrication; e.g., scanner rail	FY9-6028-000	Synthetic oil NTN Corporation EU-1
Barrierta Grease	Lubrication; e.g., edge of secondary transfer roller, drum heater sliding area.	FY9-6008-000	75 g
Tospearl 240 Grease	Drum Cleaning Blade Lubricant.	FY9-6007-000	

3   Part numbers are subject to change without notice.

O. Consumables

Consumables are all products and materials which are consumed with regular use and cannot be reused. Such consumables include, but are not limited to, paper, chemicals, and toner.

A number of factors are considered when the approximate yield expectancy of a consumable is determined, including paper size and the amount of coverage per page.

Note: All consumables shown in the below table are estimates for reference purposes only and are subject to change without notice. Actual usage will vary.

⚠ CAUTION

- If clothing or skin has come into contact with toner, wipe the toner off with a tissue; then, wash the remaining toner off with water.
- Do not use warm water. Warm water will cause the toner to jell and fuse permanently with the fibers of the clothing.
- Toner will react and adhere to plastic material. Avoid contact with plastic.

Table 25 – Toner

Item	Item Number[3]	Quantity	Estimated Life [33]	Remarks
T01 Black	8066B001AA	1	44,500 pages	10% Toner Coverage.
T01 Cyan	8067B001AA	1	27,000 pages	
T01 Magenta	8068B001AA	1	27,000 pages	
T01 Yellow	8069B001AA	1	27,000 pages	

3   Part numbers are subject to change without notice.

Table 26 – D01 Drum

Item	Item Number[3]	Quantity	Estimated Life [33] (copies/prints)	Remarks
D01 Black Drum	8064B001AA	1	380,000 pages	Based on 8,000 Monthly Volume, 80% Color Ratio, 30% Large Ratio, 0% Heavy Paper Ratio, and a Job length of: 5 sheets.
D01 Color Drum	8065B001AA	1	240,000 pages	

3   Part numbers are subject to change without notice.

---

33   Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment..

P. Consumable Parts

Consumable parts are defined as those parts having a limited life that will be reached during a customer's specific machine operation, and should then be replaced as needed. Examples of consumable parts include, but are not limited to, feed rollers and cleaner blades.

An estimated consumable parts list is provided in the table below to assist in the initial parts/supplies planning. A consumable part's life expectancy is directly related to usage factors, such as paper size, paper quality, environment, usage application, and machine maintenance. Therefore, consumable parts do not have a warranty, and Canon USA cannot guarantee a minimum life.

Note: All consumable parts shown in the table below are for reference purposes only, and are subject to change without notice.

Table 27 – Main Unit Consumable Parts

Main Unit Consumable Parts					
Item	**Item Number**[3]	**Quantity**	**Estimated Life [33] (copies/prints)**		**Remarks**
			LTR	**@ 50% 11"x17"**	
Developing Assembly (Y)	FM1-C714-000	1	750,000 pages	500,000 pages	
Developing Assembly (M)	FM1-C715-000	1	750,000 pages	500,000 pages	
Developing Assembly (C)	FM1-C716-000	1	750,000 pages	500,000 pages	
Developing Assembly (Bk)	FM1-C717-000	1	750,000 pages	500,000 pages	
Drum Cleaning Blade (Bk)	FC8-2281-000	1	380,000 pages	253,000 pages	
Drum Cleaning Scoop-up Sheet (Bk)	FL2-8652-000	1	380,000 pages	253,000 pages	
Edge Scraper 1 (Bk)	FL2-8653-000	1	380,000 pages	253,000 pages	
Edge Scraper 2 (Bk)	FL2-8654-000	1	380,000 pages	253,000 pages	
ITB	FM1-D410-000	1	600,000 pages	400,000 pages	
Transfer Cleaning Unit	FM1-C653-000	1	600,000 pages	400,000 pages	
Primary Transfer Roller (Y/M/C)	FC0-9785-000	3	600,000 pages	400,000 pages	
Primary Transfer Roller (Bk)	FE2-0170-000	1	600,000 pages	400,000 pages	
Secondary Transfer Inner Roller	FC7-9325-000	1	600,000 pages	400,000 pages	
Secondary Transfer Outer Roller	FC0-9786-000	1	600,000 pages	400,000 pages	
Secondary Transfer Static Eliminator	FM0-1535-000	1	600,000 pages	400,000 pages	
ITB Inner Scraper	FL0-1877-000	1	600,000 pages	400,000 pages	

3 Part numbers are subject to change without notice.

33 Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 27 – Main Unit Consumable Parts Continued

Main Unit Consumable Parts					
Item	**Item Number[3]**	**Quantity**	**Estimated Life [33] (copies/prints)**		**Remarks**
			LTR	**@ 50% 11"x17"**	
Cassette 1 Pickup Roller	FL0-4500-000	1	600,000 sheets	400,000 sheets	
Cassettes 1 Feed Roller	FC0-9450-000	1	1,000,000 sheets	666,667 sheets	
Cassette 1 Separation Roller	FC0-9631-000	1	1,000,000 sheets	666,667 sheets	
Cassettes 2 Pickup Roller	FL0-4500-000	1	600,000 sheets	400,000 sheets	
Cassettes 2 Separation Roller	FC0-9631-000	1	1,000,000 sheets	666,667 sheets	
Cassettes 2 Feed Roller	FC0-9450-000	1	1,000,000 sheets	666,667 sheets	
Cassettes 3 Pickup Roller	FL0-4500-000	1	600,000 sheets	400,000 sheets	
Cassettes 3 Separation Roller	FC0-9631-000	1	1,000,000 sheets	666,667 sheets	
Cassettes 3 Feed Roller	FC0-9450-000	1	1,000,000 sheets	666,667 sheets	
Multi-purpose Tray Pickup Roller	FM1-C758-000	1	120,000 sheets	80,000 sheets	
Multi-purpose Tray Separation Roller	FC6-6661-000	1	120,000 sheets	80,000 sheets	
Fixing Belt Unit	FM1-C721-000	1	400,000 pages	266,667 pages	May change depending on the Heavy Paper Usage
Pressure Belt Unit	FM1-C722-000	1	400,000 pages	266,667 pages	
Waste Toner Container	FM0-4910-000	1	120,000 sheets (480,000 images)	80,000 sheets (320,000 images)	Values in ( ) count B&W prints as 1 image and CMYK prints as 4 images. Conditions: • 10 % Duty • LTR • full color 100% • Reuse

3   Part numbers are subject to change without notice.
33   Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 28 – Duplex Color Image reader-H1 Consumable Parts

Duplex Color Image reader-H1 Consumable Parts				
Item	**Item Number[3]**	**Quantity**	**Estimated Yield[34] (copies/prints)**	**Remarks**
Pickup roller	FC8-5577-000	1	80,000	
Feed roller	FL2-9608-000	1	80,000	
Separation roller	FB2-7777-000	1	80,000	
Dust-colleting	FC8-5633-000	2	80,000	
Dust-collecting type E	FC8-5727-000	8	80,000	

3   Part numbers are subject to change without notice.

---

34   Estimated Yield is based on LTR paper

Table 29 – POD Deck Lite-B1 Consumable Parts

POD Deck Lite-B1 Consumable Parts				
Item	Item Number[3]	Quantity	Estimated Yield[34] (copies/prints)	Remarks
Deck pickup roller	FL0-4500-000	1	1,000,000	
Deck feed roller	FC0-9631-000	1	1,000,000	
Deck separation roller	FC0-9450-000	1	1,000,000	

3   Part numbers are subject to change without notice.
34   Estimated Yield is based on LTR paper

Table 30 – Multi-drawer Paper Deck-B1 Consumable Parts List

Multi Drawer Paper Deck-B1 Consumable Parts List				
Description	Item Number[3]	Quantity	Estimated Life (copies/prints[33])	Remarks
Upper deck pickup roller-front	FF5-7829-000	1	500,000 sheets	
Upper deck pickup roller-rear	FF5-7830-000	1	500,000 sheets	
Upper deck separation roller	FE3-9017-000	1	500,000 sheets	
Upper deck pickup/feed roller	FF6-1975-000	1	500,000 sheets	
Upper deck pickup clutch	FH6-5145-000	2	4,000,000 times	
Upper deck pickup roller release solenoid	FH6-5146-000	1	4,000,000 times	
Middle deck pickup roller-front	FF5-7829-000	1	500,000 sheets	
Middle deck pickup roller-rear	FF5-7830-000	1	500,000 sheets	
Middle deck separation roller	FE3-9017-000	1	500,000 sheets	
Middle deck pickup/feed roller	FF6-1975-000	1	500,000 sheets	
Middle deck pickup clutch	FH6-5145-000	2	4,000,000 times	
Middle deck pickup roller release solenoid	FH6-5146-000	1	4,000,000 times	
Lower deck pickup roller-front	FF5-7829-000	1	500,000 sheets	
Lower deck pickup roller-rear	FF5-7830-000	1	500,000 sheets	
Lower deck separation roller	FE3-9017-000	1	500,000 sheets	
Lower deck pickup/feed roller	FF6-1975-000	1	500,000 sheets	
Lower deck pickup clutch	FH6-5145-000	2	4,000,000 times	
Lower deck pickup roller release solenoid	FH6-5146-000	1	4,000,000 times	

3   Part numbers are subject to change without notice.
33   Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 31 – Finisher-AM1 /Saddle Finisher-AM2 Consumable Parts

Finisher-AM1 /Saddle Finisher-AM2 Consumable Parts				
Item	**Item Number**[3]	**Quantity**	**Estimated Yield**[34] **(copies/prints)**	**Remarks**
Stapler	FM2-6541-030	1	500,000 times	Finisher
Puncher Unit-BS1	FE3-1671-000	1	1,000,000 times	Finisher
Puncher Unit-BT1	FE3-1672-000	1	1,000,000 times	Finisher
Delivery Static Eliminator	FC9-3038-000	1	3,000,000 pages	Finisher
Stack Delivery Roller Static Eliminator	FE3-0006-000	1	3,000,000 pages	Finisher
Feed Belt	FB5-9103-000	2	3,000,000 pages	Finisher
Neat Paddle	FL3-7459-000	4	3,000,000 pages	Finisher
Belt Roller	FC6-6148-000	2	6,000,000 pages	Saddle Stitcher
Saddle stapler	FM4-7572-000	1	300,000 times	Saddle Stitcher
Saddle Inlet Roller Static Eliminator	FC9-1393-000	2	3,000,000 pages	Saddle Stitcher
Saddle Inlet Static Eliminator	FC9-1432-000	1	3,000,000 pages	Saddle Stitcher
Saddle Disengagement Roller	FL3-2010-000	2	1,000,000 pages	Saddle Stitcher
Saddle Alignment Roller	FC8-7495-000	4	5,000,000 pages	Saddle Stitcher
Saddle Intermediate Static Eliminator	FL3-2005-000	1	3,000,000 pages	Saddle Stitcher
Saddle Feed Guide Lower Static Eliminator	FC9-1394-000	3	3,000,000 pages	Saddle Stitcher

3   Part numbers are subject to change without notice.
34 Estimated Yield is based on LTR paper

Table 32 – Staple Finisher-T1 /Booklet Finisher-T1 Consumable Parts

Booklet Finisher-T1 / Staple Finisher-T1 Consumable Parts List				
Description	**Item Number**[3]	**Quantity**	**Estimated Yield**[34] **(copies/prints)**	**Remarks**
Stapler	FM2-0665-000	1	500,000 times	
Delivery Static Eliminator (L)	FC5-3667-000	1	1,000,000 sheets	
Delivery Static Eliminator (R)	FC5-5571-000	1	1,000,000 sheets	
Inlet Static Charge Eliminator	FL2-0822-000	1	1,000,000 sheets	
Swing Guide Inside Static Charge Eliminator	FL2-0817-000	1	1,000,000 sheets	
Buffer Roller	FC5-3442-000	1	1,000,000 sheets	
Return Roller (Rear)	FC5-3457-000	1	1,000,000 sheets	
Return Roller (Front)	FC5-6873-000	1	1,000,000 sheets	
Saddle Stitcher	FL2-0846-000	1	100,000 times	Booklet Finisher-T1 Only

3   Part numbers are subject to change without notice.
34 Estimated Yield is based on LTR paper

Table 33 – Professional Puncher-B1 Consumable Parts List

Professional Puncher-B1 Consumable Parts				
Item	**Item Number**[3]	**Quantity**	**Estimated Yield**[34] **(copies/prints)**	**Remarks**
Back gage assembly	FC3-6647-000	1	3,000,000	Replacement

3   Part numbers are subject to change without notice.
34   Estimated Yield is based on LTR paper

Table 34 – Professional Puncher Integration Unit-C1 Consumable Parts List

Professional Puncher Integration Unit-C1 Consumable Parts				
Item	**Item Number**[3]	**Quantity**	**Estimated Yield**[34] **(copies/prints)**	**Remarks**
Static eliminator	FC8-1584-000	1	1,000,000	

3   Part numbers are subject to change without notice.
34   Estimated Yield is based on LTR paper
.

Q. Main Unit Fixing Assembly

As an option, Canon USA has made available the Main Unit Fixing Assembly, which consists of consumable and periodically replaced parts.

The service technician replaces the assembly when any or all of the parts within the assembly have reached the recommended replacement interval. The service technician would then be able to service the Main Unit Fixing Assembly (replacing the consumable and periodically replaced parts) to prepare it for the next time the assembly requires replacement.

Having this assembly may be beneficial to servicing dealers that would like to build a service strategy around replacing the Main Unit Fixing Assembly thereby providing the customer with higher uptime due to faster parts replacement. If this is the case, Canon USA recommends having at least one (1) Main Unit Fixing Assembly available as a replacement at the customer site.

Table 35 – Main Unit Fixing Assembly

				Estimated Life [33] (copies/prints)		Remarks
Item	**Item Number [3]**	**Quantity**	**Components**	**LTR**	**@ 50% 11"x17"**	
Main Unit Fixing Assembly	FM1-C719-000	1	Fixing Belt Unit FM1-C721-000	400,000 pages	266,667 pages	May change depending on the Heavy Paper Usage
			Pressure Belt Unit FM1-C722-000	400,000 pages	266,667 pages	
			Pressure Sub Thermistor (Rear) FK2-7870-000	600,000	400,000	
			Pressure Sub Thermistor (Front) FK2-7871-000	600,000	400,000	

3   Part numbers are subject to change without notice.
33   Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

R. Periodically Replaced Parts

Some parts of the machine must be maintained and replaced periodically to ensure a specific level of machine performance. These parts can affect the performance of the machine once they fail, even if there is no external change or damage. Whenever possible, plan to replace these parts during a scheduled service visit.

Table 36 – Main Unit Periodic Replacement Parts

Main Unit Periodically Replaced Parts					
Item	**Item Number**[3]	**Quantity**	**Estimated Yield (copies/prints)**		**Remarks**
			LTR	**@ 50% 11"x17"**	
Fixing Dustproof Filter	FL3-7553-000	1	450,000	300,000	• 100% Color Ratio • 10% image Duty
Ozone Filter	FL3-4101-000	2	450,000	300,000	
Primary Charging Dustproof Filter	FL2-0439-000	1	450,000	300,000	
Primary Charging Wire	FL2-8915-000	1	300,000	200,000	
Primary Charging Wire Cleaning Pad Slider	FL2-7750-000	1	300,000	200,000	
Primary Charging Wire Cleaning Pad Holder	FL3-7560-000	1	300,000	200,000	
Pre-transfer Charging Wire	FL2-8807-000	1	300,000	200,000	
Pre-transfer Charging Wire Cleaning Pad Slider	FL2-7750-000	1	300,000	200,000	
Pre-transfer Charging Wire Cleaning Pad Holder	FL3-7560-000	1	300,000	200,000	
Grid Plate	FC0-9857-000	1	300,000	200,000	
Grid Cleaning Pad	FL3-4090-000	1	300,000	200,000	
Primary Charging Assembly	FM0-1540-000	1	600,000	400,000	
Pre-transfer Charging Assembly	FM0-1464-000	1	600,000	400,000	
Pressure Sub Thermistor (Rear)	FK2-7870-000	1	600,000	400,000	
Pressure Sub Thermistor (Front)	FK2-7871-000	1	600,000	400,000	

3   Part numbers are subject to change without notice.

S.   Periodic Maintenance

Some parts of the machine must be checked and/or replaced on a periodic basis to ensure a specific level of machine performance. These parts are likely to affect the performance once they fail even in the absence of external change or damage. Whenever possible, plan their replacement so that it will coincide with a scheduled service visit.

Note: All periodic maintenance shown in the below table is for reference purposes only and are subject to change without notice. Refer to the Service Manual for additional information.

Table 37 – Periodic Maintenance Items

Periodic Maintenance Items (Based on LTR Paper)			
△ Clean	x Lubricate		□ Adjust
item	Interval (pages) [35]	Action	Remarks
Dustproof Glass (Bk)	As needed basis	△	If soiling appears on the images, pull out the glass and clean it.
Dustproof Glass (Y)/(M)/(C)	As needed basis	△	If soiling appears on the images, clean it using the attached cleaning tool.
Sleeve Cover (Y)/(M)/(C)	300,000	△	Clean it with alcohol and lint-free paper
Toner Catch Sheet (Y)/(M)/(C)	300,000	△	Clean it with dry lint-free paper.
Sleeve Cover (Bk)	300,000	△	Clean it with alcohol and lint-free paper
Primary Charging Shield Plate	300,000	△	Clean it with alcohol and lint-free paper when replacing the Primary Charging Wire.
Pre-transfer Shield Plate	300,000	△	Clean it with alcohol and lint-free paper when replacing the Pre-transfer Charging Wire.
Pre-transfer Upper Duct	300,000	△	Clean it with alcohol and lint-free paper
Drum Patch Sensor (Bk)	380,000	△	Clean it in the single direction with wet and tightly wrung cotton swab when replacing the Drum (Bk).
Drum Patch Sensor Cover (Bk)	380,000	△	Clean it with wet and tightly-wrung lint-free paper when replacing the Drum (Bk).
Registration Patch Sensor Unit	150,000	△	Clean it in the single direction with wet and tightly wrung cotton swab.
Drum Sliding Shaft Support	450,000	x/△	Clean it and apply grease (FY9-6008, Barrierta) when replacing the Drum (Bk).
Contact Image Sensor Unit	900,000	△	Clean the sensor surface with lint-free paper moistened with alcohol, and dry wipe the CIS sheet with the paper lint-cleaning tool. Clean the Registration Unit Inlet Guide with lint-free paper moistened with alcohol, or dry wipe with the paper lint-cleaning tool.
Registration Unit Upper Guide	As needed basis	△	Clean it with alcohol and lint-free paper
Secondary Transfer Unit	300,000	△	Clean the 4 Positioning Pins and the Inlet Guide with alcohol and lint-free paper.
Secondary Transfer Unit	600,000	△	Clean the groove under the roller with alcohol and lint-free paper when replacing the Secondary Transfer Outer Roller.

---

35   Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 37 – Periodic Maintenance Items Continued

Periodic Maintenance Items (Based on LTR Paper)			
△ **Clean**	x **Lubricate**		☐ **Adjust**
item	Interval (pages) [35]	Action	Remarks
Post-secondary Transfer Sensor	300,000	△	Clean it with a blower brush.
Pre-fixing Feed Belt	300,000	△	
Secondary Transfer Static Eliminator	300,000	△	Clean it with alcohol and lint-free paper
Post-secondary Transfer Guide	300,000	△	
ITB Drive Roller	As needed basis	△	
ITB Steering Roller	As needed basis	△	
ITB Inner Scraper	As needed basis	△	
ITB Idler Roller A	As needed basis	△	Clean it with alcohol and lint-free paper when replacing the ITB, Primary Transfer Roller, or Secondary Transfer Inner Roller.
ITB Idler Roller B	As needed basis	△	
Secondary Transfer Inlet Upper Guide Unit	As needed basis	△	
Wraparound Prevention Guide	As needed basis	△	
ITB HP Sensor	As needed basis	△	Clean it with a blower brush when replacing the ITB, Primary Transfer Roller, or Secondary Transfer Inner Roller.
ITB Displacement Sensor (Right)	As needed basis	△	
ITB Displacement Sensor (Left)	As needed basis	△	
Fixing Refresh Roller	600,000	△	The counter value in service mode indicates the time (the number of seconds) where the Refresh Roller is engaged. Clean it with alcohol and lint-free paper
Fixing Belt Unit Gear	400,000	×	Apply grease (FY9-6036, SE1107) to cover the grease-applicable area on the gear teeth surface when replacing the Pressure Belt Unit.
Pressure Belt Unit Gear	400,000	×	Apply grease (FY9-6036, SE1107) to cover the grease-applicable area on the gear teeth surface when replacing the Fixing Belt Unit.
Fixing Drive Unit Gear	400,000	×	Apply grease (FY9-6036, SE1107) to cover the grease-applicable area on the gear teeth surface when replacing the Fixing Belt Unit, Pressure Belt Unit, or Fixing Assembly.
Lower Belt Detection Roller, Sensor Base	400,000	△	Clean it with dry lint-free paper when replacing the Pressure Belt Unit.
Fixing Inlet Guide	As needed basis	△	
Fixing Inlet Sensor Flag	As needed basis	△	
Inner Delivery Unit Separation Plate	300,000	△	
Feed Roller (Vertical path)	300,000	△	Clean it with alcohol and lint-free paper
Slave Roller (Vertical path)	300,000	△	
Decurler Guide	300,000	△	
Decurler Roller 1	300,000	△	
Decurler Roller 2	300,000	△	

35 Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

Table 37 – Periodic Maintenance Items Continued

△ Clean	x Lubricate		□ Adjust
item	Interval (pages) [35]	Action	Remarks
Decurler Sensor 1	As needed basis	△	Clean it with a blower brush.
Decurler Sensor 2	As needed basis	△	
Feed Roller (Delivery reverse path)	300,000	△	Clean it with alcohol and lint-free paper
Slave Roller (Delivery reverse path)	300,000	△	
Feed Roller (Buffer path)	300,000	△	
Slave Roller (Buffer path)	300,000	△	
Sponge Roller (Decurler)	300,000	△	
Feed Guide (Duplex path, between the pre-registration path and the registration path)	As needed basis	△	Cleaning with lint-free paper moistened with alcohol or dry wiping with the paper lint cleaning tool
Feed Roller and slave roller (Duplex path, between the pre-registration path and the registration path)	As needed basis	△	Clean it with alcohol and lint-free paper
Feed Sensor (Duplex path, between the pre-registration path and the registration path)	As needed basis	△	Clean it with a blower brush. Clean the Color Sensor (option) with a blower brush.
Lead Sensor	160,000	△	
Registration Sensor	160,000	△	
Delivery Sensor	160,000	△	
Registration Roller	80,000	△	Or 6 months
Lead Roller 1	80,000	△	
Lead Roller 2	80,000	△	
Lead Roller 3	80,000	△	
Pullout Roller	80,000	△	
Feed Roller	80,000	△	
Delivery Roller	80,000	△	
Rollers/Slave Roller	80,000	△	
Scrapers	80,000	△	
Height adjustment of ADF	80,000	□	
Both sides of the Original Glass (Large)	As necessary	△	Including the White Plate area on the back side of the glass
Both sides of the Original Glass (Small)	As necessary	△	
Scanner Mirror (1st to 5th)	As necessary	△	
Scanner Rail	As necessary	x/△	Lubrication

35 Value is based on LTR sized paper. Estimated average values in the field, based on data from supplier. Data is subject to change depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed and customer handling of the equipment.

T. Soft Counter

The imagePRESS C60 uses soft counters to track its functional copy use. The control panel can display up to eight (8) counters on the counter status check screen (when the counter check key button on the control panel is pressed). By default, the imagePRESS C60 displays six (6) counters on the counter status check screen.

The Table below indicates the default counter configurations of the imagePRESS C60 on the counter status check screen.

Refer to the imagePRESS C800/C700/C60 Series Service Manual for complete details on the Soft Counter configurations.

Table 38 – Soft Counter

Counter	Counter Description (from Service Manual)	Default Display	Adjustability of Display
1	101: Total 1	On	May be Swapped to different Total Counter via Service Mode setting so that the counter will increment twice when large paper is used
2	108: Total (Black 1)	On	May be Changed via Service Mode setting to any available counter
3	407: Copy (Full Color + Single Color/Large)	On	
4	408: Copy (Full Color + Single Color/Small)	On	
5	403: Print (Full Color + Single Color/Large)	On	
6	404: Print (Full Color + Single Color/Small)	On	
7	Not Displayed	Off	
8	Not Displayed	Off	

⚠ CAUTION

- After performing a RAM clear, the counter will change to the default counter configurations above. As a result, the service technician must note the current soft counter settings before performing the RAM clear and return the soft counter settings after performing the RAM clear.
- If Counter 1 is changed to display the 102 counter (count two (2) clicks for large paper), Counter 2 may need to be changed to display the 109 counter (count two (2) clicks for large B&W paper) to match. However, you may need to confirm how your backend billing system and service history obtains the volume of color outputs before making this change.

U. MEAP Counter

The MEAP application counter counts the number of prints and scans made per MEAP application. You can view the MEAP counter by logging on to the MEAP SMS (Service Management Service) Application/License Information page via a Web browser. (The computer you are using must be connected to the machine and network.) You can also view the MEAP counter from the MEAP device. Press the Counter Check button on the device's control panel, and then press the MEAP Counter key on the touch panel display.

There are three types of MEAP applications:

- Applet: Contains a user interface on the touch panel display of the device. Up to nine applet tabs can be displayed on the touch panel display of the device.
- Servlet: Contains a remote, programmable user interface for the application via a Web browser.
- Esplet: The application does not contain a user interface.

Each MEAP application has its own counter. The number of applications that can be installed on an imagePRESS C60 device is directly related to the number of counters available.

VIII. Suggested End-User Customer Service Offerings

A. Estimated Performance Standard

The EPS (Estimated Performance Standard) is an estimate of the maximum print and scan volume the machine can achieve during its performance life.

The EPS is based on:

- Regular service by a Canon authorized service technician
- The use of recommended media
- The use of Genuine Canon service and consumable parts

The actual performance of the machine may vary, based on customer usage factors, the physical environment in which the machine is installed, the types of jobs performed, and the types of media used.

The following EPS values are for reference purposes only, and are based on the use of LTR size paper.

Item		Estimated Performance Standard
Reader Assembly	Reader Unit	Up to 400,000 scans (LTR: fixed reading) Up to 2,000,000 sheets (LTR: stream reading), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
	ADF	Up to 2,000,000 sheets (LTR), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
Main Engine		Up to 1,800,000 pages (LTR), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)

B. Monthly Copy Volume

The maximum print/copy monthly volume is the maximum number of pages the machine can produce within a one-month period (based on letter size paper). However, the device should not be used to produce the maximum number of pages, or a greater volume, on a consistent monthly basis.

The optimum performance range is the volume range that the equipment is intended to run on a regular basis to maintain a high-level of performance and print/copy quality.

Table 39 – Monthly Copy Volume

Model	Optimum Performance Range (based on LTR sized paper)	Maximum Monthly Volume (based on LTR sized paper)
imagePRESS C60	Approximately 5,000 to 30,000	Up to 250,000

Table 40 – Monthly Print Copy Volume Definitions

Monthly PCV Type	Description
Optimum Performance Range	This is the print/copy volume range that the equipment was intended to run on a regular basis to maintain a high level of performance and print/copy quality. Running the equipment within this range ensures that no undue stress is placed on components, and it allows time for the proper servicing and maintenance of the equipment.
Maximum Monthly Copy/Print Volume	On occasion, the machine can produce up to the above prints/copies. However, sustained use of the machine at this level, will significantly impact the long term performance and durability of the machine. You should expect an increase in the number of service calls and down time during periods of Maximum production use.

C. Limited Warranty Support

1. End-User Limited Warranty Conditions

Ninety (90) days after delivery to the original purchaser or 180,000 prints/copies, or a combination of both, whichever comes first. This warranty covers the imagePRESS Product and the Canon brand product accessories.

For detailed warranty information, please refer to the .

Note: No warranty is given on any consumable parts or consumables.

2. D01 Drum Limited Warranty

Table 41 – D01 Drum Limited Warranty Credit

Full Credit:	Black Drum Unit	1,000 prints or copies (or a combination of both) or 30 days after delivery to the original purchaser, whichever comes first.
	Color Drum Unit	1,000 prints or copies (or a combination of both) or 30 days after delivery to the original purchaser, whichever comes first.
Prorated Credit:	Black Drum Unit	750,000 prints or copies (or a combination of both) or 120 days after delivery to the original purchaser, whichever comes first.
	Color Drum Unit	350,000 prints or copies (or a combination of both) or 120 days after delivery to the original purchaser, whichever comes first.

3. **Flat-Rate Program**

The Flat-Rate Program provides a flat-rate credit to Canon USA's full-line dealers as compensation for warranty expenses that they may incur. Dealers who purchase an imagePRESS C60 device will receive a Flat-Rate Program credit during the month following their purchase. This credit covers the dealer's cost of defective parts and drums with a dealer cost **under $300.00** that have been replaced during the term of the end-user's Limited Warranty.

The Flat-Rate Program enables the dealer to return the more expensive machine parts to receive reimbursement for in-warranty part failures. The flat-rate credit is a percentage of your eligible machine purchases, drums, and accessories. Flat-rate credits are posted monthly in the Canon Network Access section of Canon USA's ISG Central Web Site. Refer to the Online Limited Warranty Credit Inquiry section for more information.

Original defective parts with a dealer cost **over $300.00** that have been replaced during the term of the end-user warranty are eligible to receive reimbursement credit through the e-Tag process. Parts that are listed on the Canon USA Repairable Parts List should be sent to an APRF (Authorized Parts Repair Facility) to be repaired at no charge.

To request a part reimbursement credit, complete the e-Tag warranty claim form in the Warranty section of the e-Support Center Web Site. Refer to the e-Tag section of this Service Guide for further details and instructions.

Additional information on the Flat-Rate Program is located on the Canon USA's e-Support Center Web Site, as shown in Figure 4.

.

Figure 4 – e-Support: Flat-Rate Program
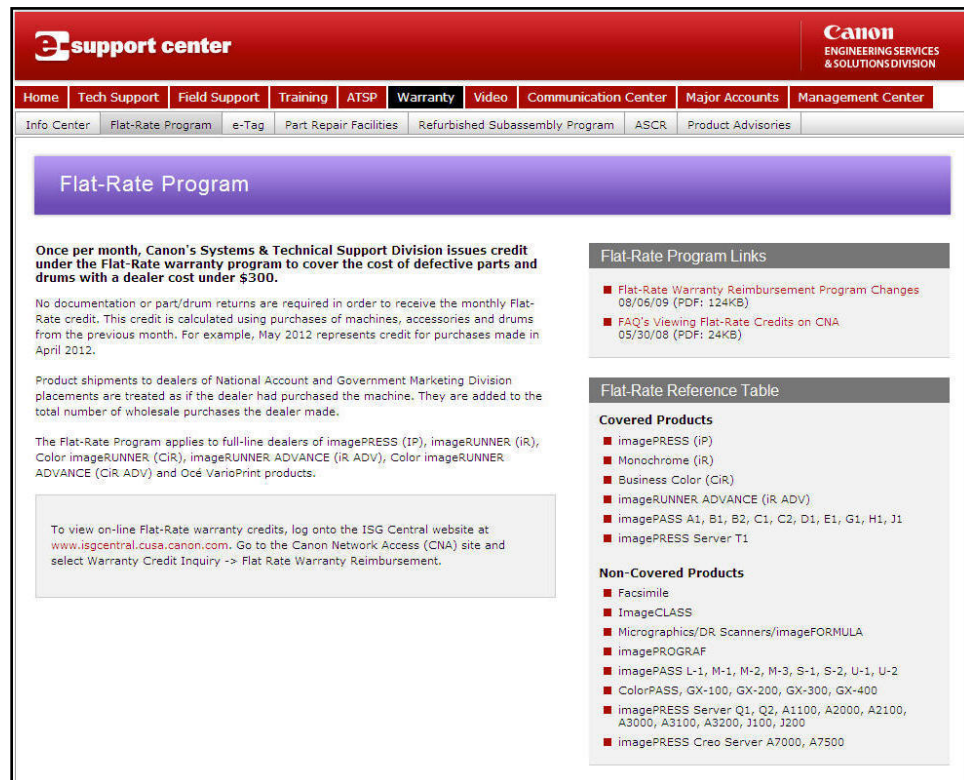
4. **Warranty Parts for Repair**

The APRFs (Authorized Parts Repair Facilities) are authorized by Canon USA to repair circuit boards for various Canon products. The APRF program is designed to help your dealership reduce service costs by having circuit boards repaired instead of purchasing brand new boards. Each circuit board is live tested and updated to the latest firmware version prior to returning it to your dealership.

Parts specified on the Canon USA Repairable Parts List must be prepaid and shipped directly to one of the following Authorized Parts Repair Facilities. Log on to the Canon USA e-Support Center Web Site to view the Canon USA Repairable Parts List. Go to the Warranty tab, Part Repair Facilities, Repairable Parts List. See Figure 5 for details.

Table 42 – Authorized Part Repair Facilities

| **Hytec Dealer Services, Inc.** 3600 Vineland Road (Suite 121) Orlando, FL 32811	**Nation-Wide Repair Service, Inc.** 16151 Foster Street Overland Park, KS 66085
Telephone: 1-407-297-1001 Customer Service:1-800-883-1001 Technical Support: 1-888-883-2001 Fax: 1-407-297-4310	Customer Service: 1-866-655-8676 Technical Support: 1-800-798-1814 Fax: 1-913-631-8372

Repairable parts (under warranty) are repaired free-of-charge by the APRFs. Usually, the turnaround time is approximately five (5) business days. Once repaired and tested, the parts are shipped back to your dealership via UPS Ground.

If a part is not repairable, the APRF will contact your dealership, and Canon USA's Warranty Control Section will issue a credit to your account.

To check the status of your part, please contact the APRF.

The Repairable Parts List index is in the Warranty section of the e-Support Center Web Site Select from the Repairable Parts List, as shown below, for the most current list.

Figure 5 – e-Support: Authorized Parts Repair Facilities
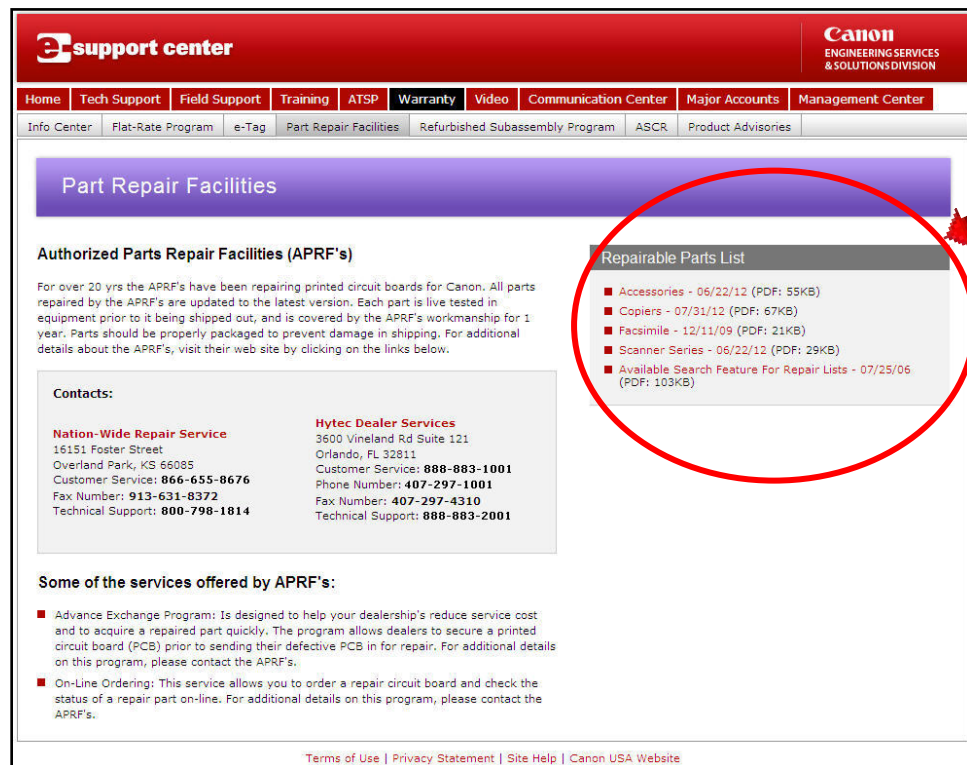
Warranty Parts over $300.00 that are not on the Repairable Parts List

All original defective parts with a dealer cost valued over $300.00, that are not specified on the Repairable Parts List, must be submitted to Canon Virginia, Inc. with a completed e-Tag warranty claim form, and a handwritten or computer-generated copy of the machine's service history.

Canon Virginia, Inc.
12000 Canon Boulevard
Newport News, VA 23606
Attention: Warranty Returns

The service history log must include the following:

- Dealer Name
- Machine's Installation Date
- Machine's Serial Number
- Part Number
- Work Performed (Highlight Current Service Call)
- Part Description
- Date Part Was Removed
- Machine Copy Count
- Reason for Removal

5. e-Tag

e-Tag is an electronic limited warranty claim form that is completed online, printed out, and accompanied by the original defective part or defective drum that is being returned to the Warranty Control Section for warranty compensation.

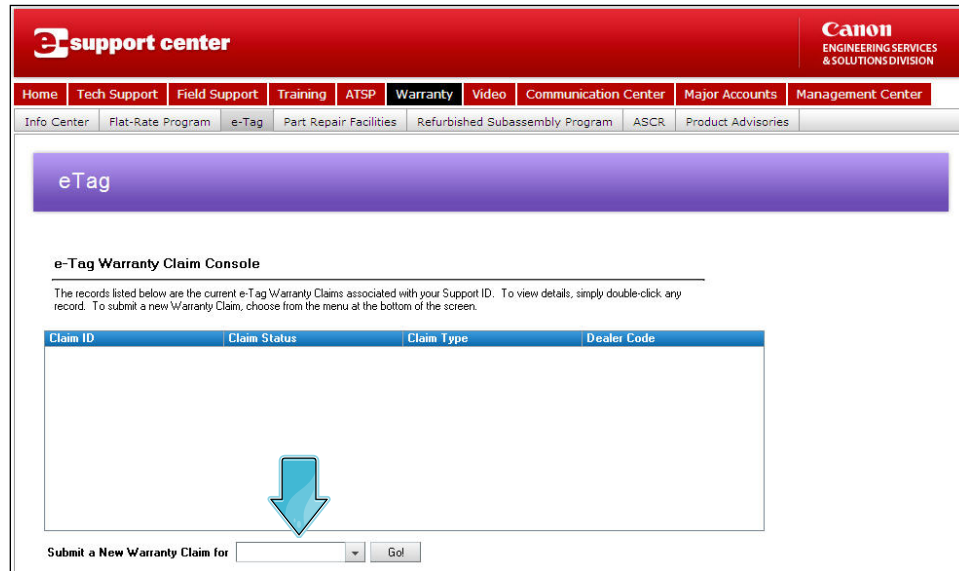The e-Tag warranty claim form can be accessed in the Warranty section of the e-Support Center Web Site.

Figure 6 – e-Support: e-Tag

To submit a new warranty claim, select the type of claim from the drop-down list, shown below, and complete the required sections of the e-Tag limited warranty claim form.

Figure 7 – e-Support: e-Tag Claim Console

A copy of the e-Tag warranty claim form and the machine's service history must be returned with the original defective parts to the address provided on the bottom of the e-Tag warranty claim form.

The service history log can be handwritten or computer-generated, and must include the following information:

- Dealer Name
- Machine's Installation Date
- Machine's Serial Number
- Part Number
- Work Performed (Highlight Current Service Call)

- Part Description
- Date Part Was Removed
- Machine Copy Count
- Reason for Removal

For defective drums, ship the drum to the address provided on the bottom of the e-Tag warranty claim form, accompanied by a copy of the e-Tag warranty claim form, the machine's service history log, a "before" sample copy that depicts the problem, and an "after" sample copy that shows that the problem has been resolved.

After a claim form is authorized, parts, drums, and labor credits are posted on the CNA Web Site the following business day.

6. Online Limited Warranty Credit Inquiry

The Online Warranty Credit Inquiry enables your dealership to check, download, and print the details of your e-Tag and Flat-Rate Program credits on the CNA Web Site.

a) e-Tag Inquiry

To view your e-Tag warranty claim credits online, log on to the ISG Central Web Site, and select "Canon Network Access (CNA)", as shown below.

Figure 8 – ISG Central
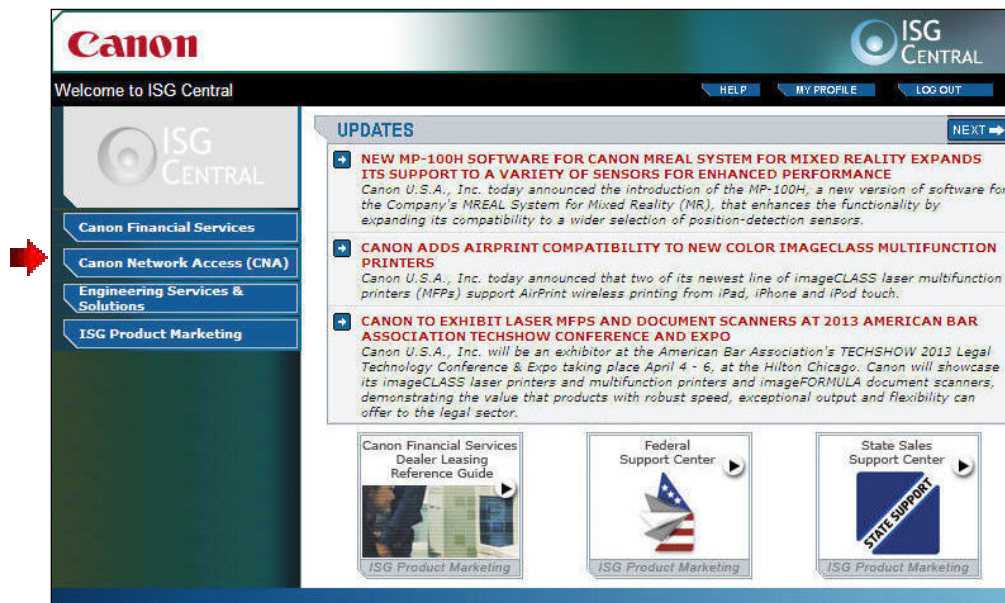
On the CNA Web Site, select "Warranty Credit Inquiry", and then select "e-Tag Warranty Claims Reimbursement" to perform an e-Tag Warranty claims search, as shown in the following screen shots.

Figure 9 – CNA: Warranty Credit Inquiry

Figure 10 – CNA: e-Tag Warranty Claims Search

To check the status of the e-Tag warranty claims already submitted:

Go to the e-Tag Warranty Claim Console, as shown at the bottom of the screen shot in Figure 7 – e-Support: e-Tag Claim Console. This console enables you to check the status of your claims. To view the details of the e-Tag limited warranty claim form, double-click any record.

Note: e-Tag warranty claims are connected to the e-Support ID number that is entered. Therefore, it is highly recommended that only one person enter and manage the e-Tag warranty claims from your dealership.

b) Flat-Rate Inquiry

To view your Flat-Rate warranty reimbursements online, log on to the ISG Central Web Site, and select "Canon Network Access (CNA)", as shown below.

Figure 11 – ISG Central

On the CNA Web Site, select "Warranty Credit Inquiry", and then select "Flat-Rate Warranty Reimbursement" to perform a Flat-Rate Warranty claims search, as shown in the following screen shots.
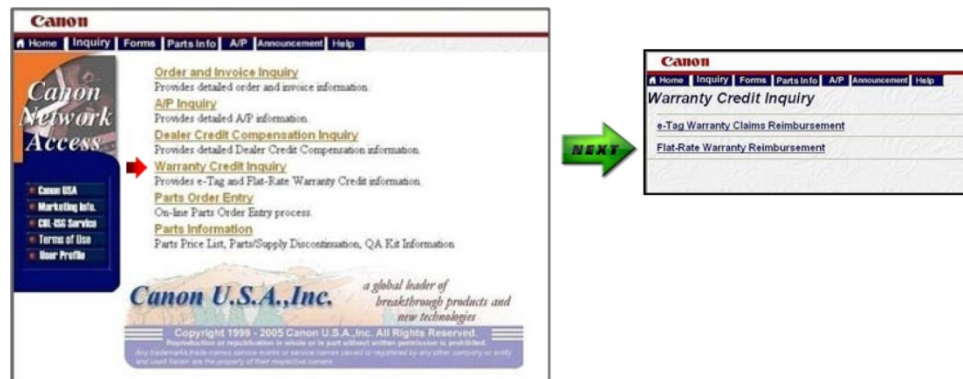
Figure 12 – CNA: Warranty Credit Inquiry

Figure 13 – CNA: Flat-Rate Warranty Reimbursement Search

D. Service Parts Availability

Service parts ordering will be available 24 hours a day, 7 days a week, 365 days a year to provide the quickest possible response should the need arise for such parts. Canon USA will provide service parts for the key units, assemblies and consumables to cover the entire machine function, and this is designed to avoid potential machine downtime for the customer. Various shipment options[36] currently offered include:

- Next Flight Out (NFO)
- UPS (Ground, Next Day, Early AM)
- Pickup (Rush, Spot)

Table 43 – Parts Order Center Days and Hours of Operation

Days of Operation	Hours of Operation	Parts Order Center	Telephone Number
Monday – Friday	9:00 AM – 7:00 PM Eastern Standard Time	Canon Parts Order Center	866-481-2569
Monday – Friday[37]	7:00 PM – 9:00 AM Eastern Standard Time	24 / 7 Call Center	800-263-9271
Saturday – Sunday[37] All National Holidays	24 Hours		

---

36 Shipment options are subject to change
37 Only authorized dealer personnel with a unique PIN access code will be allowed to utilize this service. Contact the Canon Parts Order Center (canonparts@cusa.canon.com) for more information.

E. Parts Support Program for imagePRESS Server

The Parts Support Program is designed to help reduce your service costs for controllers. By participating in the Parts Support Program your dealership will not be required to stock expensive parts.

Canon USA will provide replacement parts at no charge for the imagePRESS Server F200/G100 on an exchange basis for a period of nine (9) months. This includes the ninety (90) day warranty period and the six (6) months following. To obtain parts under the Parts Support program, follow these steps:

Contact the Technical Support Center at (800) 528-2830 to report the incident and get technical assistance. If the problem cannot be resolved over the phone, the technical support specialist will assign a "ticket" number to the case. You will need to reference this ticket number when completing the Part Order Form.

Go to the e-Support Web Site, navigate to the Warranty Information Center, and locate the Part Order Form under the Parts Support Information.

Complete the Part Order Form and fax it to the Warranty Control Section at (631) 330-5761.

Once the order form is received and verified, the Warranty Control Section will ship the replacement part packaged with the original order form and a return address label. The original order form must accompany the return of the defective part. The defective part must be returned within ten (10) business days, otherwise your dealership will be charged (dealer cost) for the part.

For out of warranty repairs on circuit boards, please contact the Warranty Control Section at (631) 330-5744.

As indicated on the part order form, the Parts Support Program includes standard shipping at no cost to the dealership. If you request an upgrade in your delivery service, your dealership will be charged for the freight charges.

IX. Product Technical Support Offerings

A. Dealer Support Requirements

imagePRESS C800/C700 Series Technical Training is required to receive technical support for these machines. Refer to the Canon USA Technical Support Center section for further details.

To ensure that every dealer receives the highest level of support and help to resolve the end user's problems quickly and accurately, we recommend the following to maximize your technical support request:

- Your support personnel should check technical documentation (User Manuals, Technical Publications, etc.) and the e-Support Center Web Site (24 hours a day, 7 days a week) before calling Canon USA's TSC (Technical Support Center), since your concern may have already been addressed and documented.

- Have your Support ID number ready when you call the TSC, and make sure that you are where the engine or application is located and accessible. This dramatically improves the TSC's ability to help troubleshoot the problem, and eliminate the "guesswork" when answering a specific question. This also helps to supply you with answers that are more accurate.

- Provide the serial number of the installed engine or application you want to troubleshoot. While the serial number is required to access support, it also provides the Support Specialist with information about previous calls for support.

- Make sure to provide environment-specific information, and any other site-specific variables.

- Submit and update your profile information, such as cell phone number, e-mail address, and company address on the e-Support Center Web Site in the Current Profile section. You can also call Canon USA's TSC. Accurate profile information enables you to contact support personnel faster, and is necessary, if more information is required from the caller later.

- At the completion of each call, a ticket number is provided. If the Support Specialist does not provide a number, the caller should ask for it.

- Have a Dealer Technician or Systems Engineer call Canon USA with what resolved your issue. This information is helpful, and enables a Support Specialist to assist other callers who may have the same problem.

B. Canon USA Support Offerings

The following support offerings were established to deliver high-quality, timely technical support services, and product information to Canon dealerships. These support services cover areas, such as system and user software, networking and connectivity issues, electro-mechanical operations, and other hardware servicing.

1. Canon USA Technical Support Center

Canon USA provides a time-sensitive call escalation process for all authorized imagePRESS C60 dealers. The TSC is the single point of entry for this process. Hours of Operation for live nationwide toll-free support are Monday – Friday 9:00am to 8:00pm Eastern Time (9:00am to 6:00pm Eastern Time for connectivity support). Once a call is placed to the TSC and information is logged into the call management system, a case number will be assigned to the call. Every effort is made to resolve the problem during the call. Calls that cannot be resolved during the initial call and require escalation need to follow the process in Figure 14 below. The status of all escalated cases can be viewed via e-Support or by calling the TSC.

Canon USA's TSC support responsibilities are as follows:

- All technical support for the end-user is provided solely by the contracted servicing Dealer.
- The Canon USA TSC will be the central contact/escalation for the reporting of all known outstanding hardware and software issues to Canon USA's engineering and development groups.
- The Canon USA TSC will be available to all Authorized Dealers, Systems Engineers, and technicians who have successfully completed the Training Program.
- The TSC will provide technical information regarding all Canon associated hardware and software products.
- The TSC will deploy, as required through proper escalation procedures, all on-site Canon USA digital solutions specialist and systems engineers.

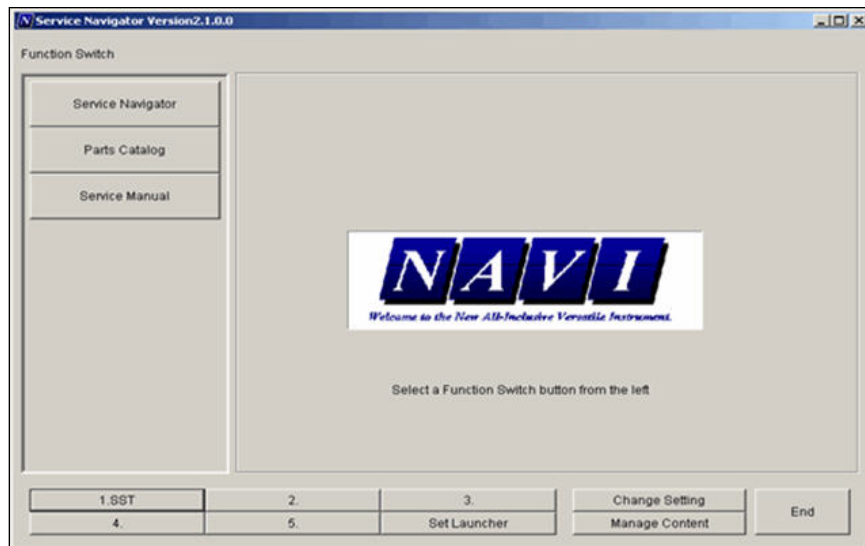**Figure 14 – Canon USA Support Escalation Flow Chart**
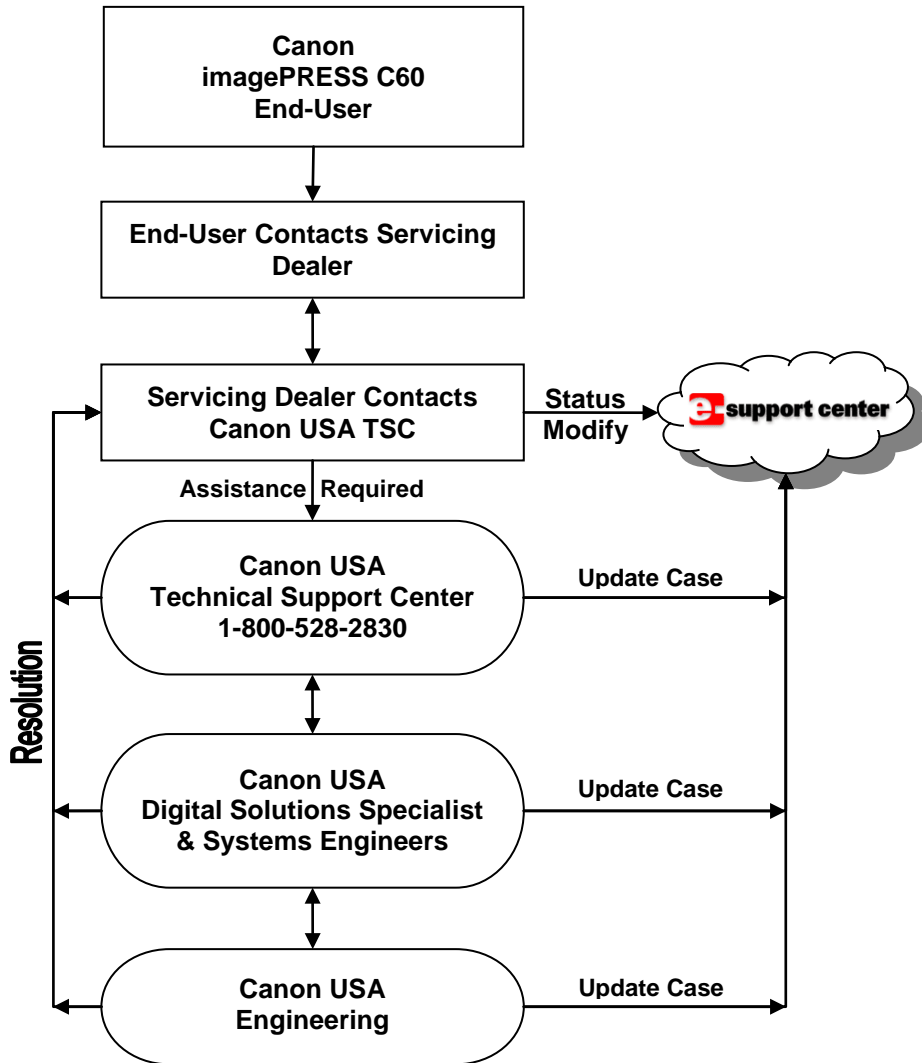
2. NAVI

NAVI is a computer-based application that is designed to function as both an information resource and diagnostic tool for Canon dealership technicians (equipped with a laptop) or dealer in-house help desk environments.

Figure 15 – NAVI: Login Screen

Figure 16 – NAVI: Main Screen

a) Benefits

- Improves the time to resolution for the more challenging technical situations faced in the field
- Increases customer satisfaction by increasing the number of first visit problem resolutions, thereby reducing the number of required second visits
- Reduces the chances of incorrect or unnecessary parts usage with NAVI's diagnostic abilities and reference information
- Enables device engine reporting to aid in service costs forecasting

b) Features

- Detects the device's engine status
- Enables you to research a knowledge base of known problem case data to solve a current machine problem when connected directly to the machine or offline (connection to the machine has not been established)
- Provides access to model servicing information, such as work procedures and electromechanical component references
- Provides a link to Canon Technical Documentation, which is offered to dealers for sale on a CD-ROM
- Provides a link to Canon Service Tools, such as the SST (Service Support Tool) and PDL Downloader
- Enables you to access the machine's Service Mode from a computer running the NAVI application, and perform the Auto Reset function (returns all machine settings back to their initial or default values)
- Enables you to adjust the machine's error and jam thresholds.
- Enables you to lookup replacement parts via a Web browser

c) Getting Started with NAVI

(1) Participate in Training

The NAVI e-Learning course is available on e-Support for those technicians who have computer skills and use the SST. The NAVI e-Learning course is interactive, and contains guided simulations that show the technician how to use NAVI to service, maintain, and troubleshoot Canon devices. Technicians taking the NAVI e-Learning course will also learn how to make NAVI an integral part of their tool kit.

After the successful completion of the NAVI e-Learning course, technicians can begin to use NAVI as the tool to help them resolve field issues in a timely manner.

(2)   Get the NAVI Files

There are two ways to get the files to start using NAVI:

- Download the necessary files from the e-Support Center Web Site free-of-charge. It is recommended to download these files via a high-speed Internet connection, as the files are large.
- Purchase the NAVI Catch-Up CD Set. The Catch-Up CD Set contains the basic NAVI program, documentation, and model files to add previously introduced models to a computer with NAVI installed.

(3)   Install NAVI and Use the Program

Use the following procedure to install and use NAVI:

- Install the core NAVI program and any patches
- Add model support, as necessary
- Add any updated model case data
- If you have previously issued technical documentation on CD-ROMs, you can link these files with NAVI
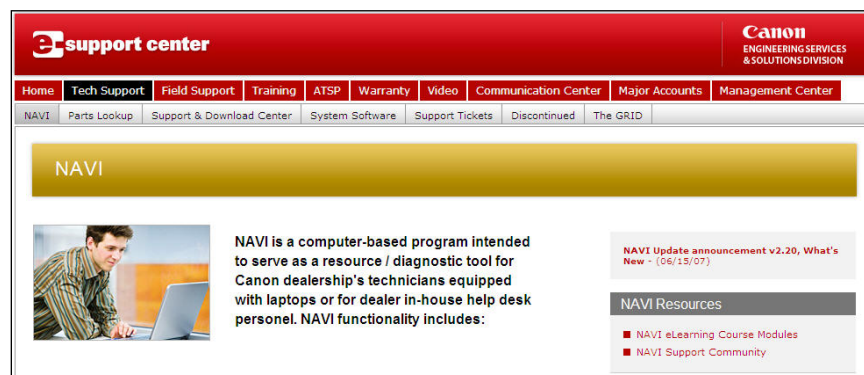
d) Updates

Continuous updates to each imagePRESS model's Update Data Pack are available for download from the e-Support Center Web Site free-of-charge.

e) NAVI Support

For additional details and information on NAVI, refer to the NAVI mini-home page on the e-Support Center Web Site, located in the "Tech Support" tab.

Figure 17 – e-Support: NAVI's Mini-Home Page

3. Internet Support

a) Canon USA's e-Support Center Web Site

Canon USA's Engineering Services and Solutions Division (formerly the Systems and Technical Support Division) provides high-quality e-Support via the Internet, and is only available for Canon USA's Authorized Servicing Dealers.

Canon USA's e-Support is designed to provide Systems Engineers and Technicians access to technical support information via the Worldwide Web.

The following functions and information can be accessed:

- Proactive notification of new releases, patches, Technical Publications, and other information via e-mail message
- Search for technical solutions with the Integrated Knowledge Management System through a natural language query
- Read or download on-line documentation
- Download patches and their Readme files
- Download firmware and software drivers
- Track and modify logged cases
- Review all open cases

To access e-Support, you must first register for an e-Support ID Number. To register for an e-Support ID number, go to the Canon USA's e-Support Center Web Site. Click on the "Register" button, and follow the instructions. This service is available at no additional charge to all authorized dealers.

Figure 18 – e-Support: Login Screen
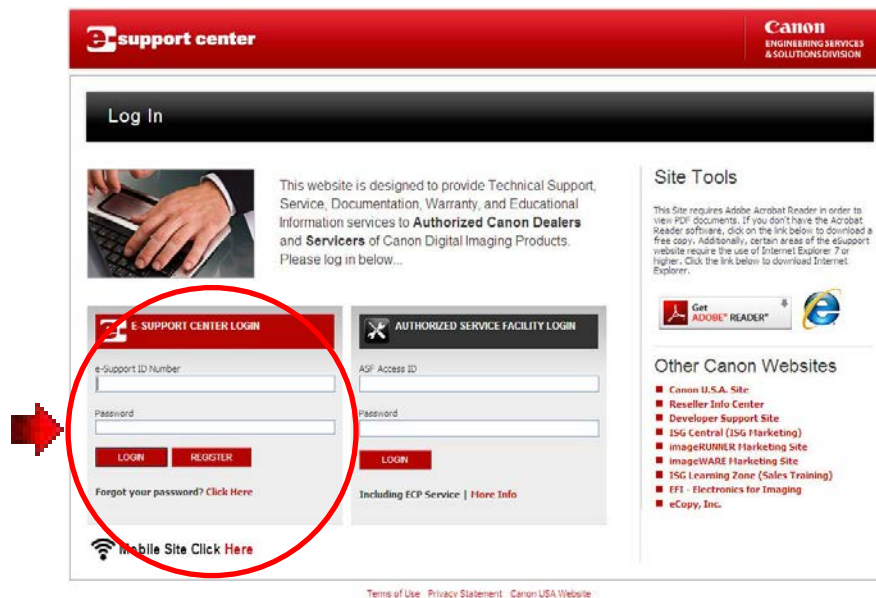
b)   Canon USA's ISG Central Web Site

Complete Service Guide versions are available on the Canon USA's ISG Central Web Site.

Access is limited to an Authorized Dealer's Management staff. Please contact your Dealer Administrator to request access to the Systems and Technical Support section of ISG Central.

Figure 19 – ISG Central: Login Screen
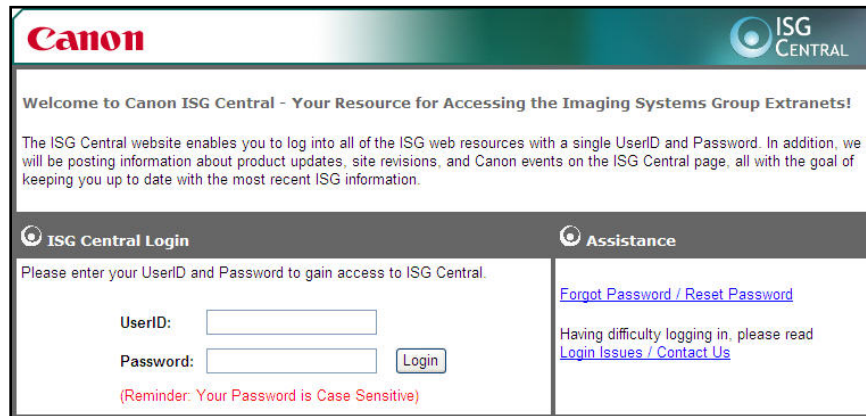
When an end-user logs on to the ISG Central Web Site, he/she must select the "Systems and Technical Support" button to access the Service Guides area of the Web Site, as shown below.

Figure 20 – ISG Central: Systems and Technical Support Web Page

Figure 21 – ISG Central: Engineering Services and Solutions Service Guides Area

X.   Appendix

A.   Registered Paper Types and Weight

Table 44 – Registered Paper Types and Weight

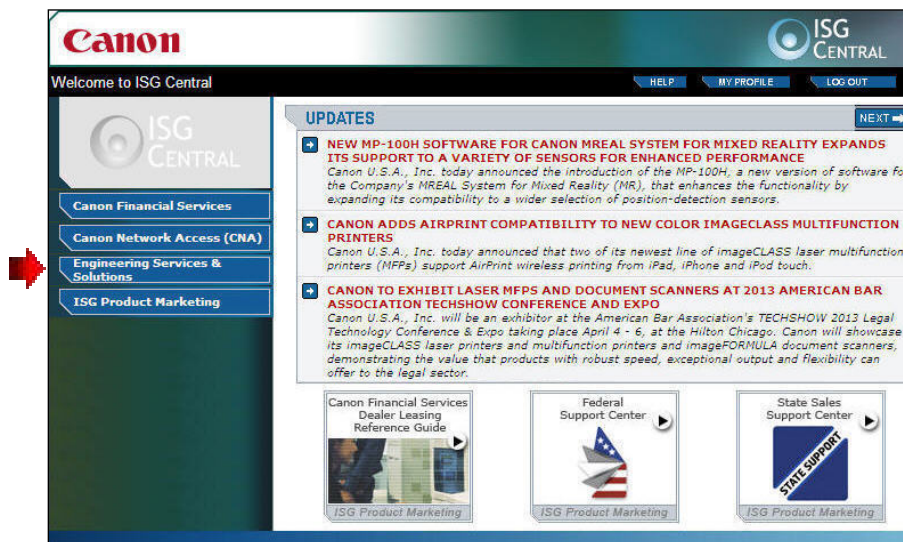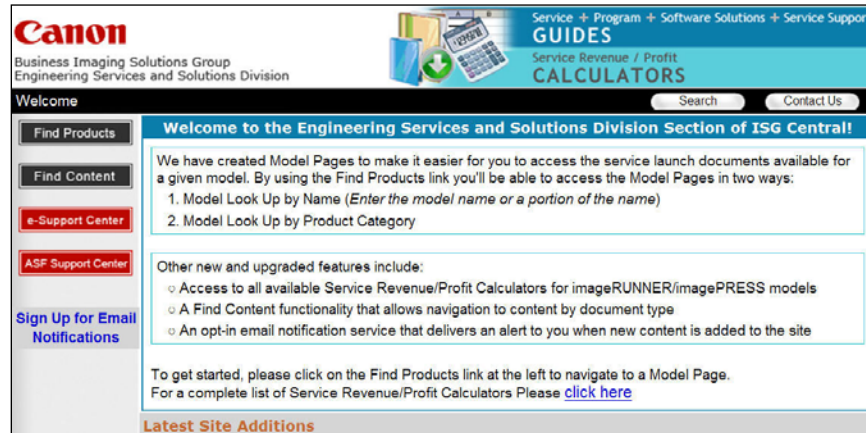| Paper Type	Paper Weight
Thin 2	14 lb bond to 16 lb bond (52 g/m^2 to 63 g/m^2)
Thin 1	17 lb bond to 20 lb bond (64 g/m^2 to 79 g/m^2)
Plain 1	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Plain 2	25 lb bond to 28 lb bond (91 g/m^2 to 105 g/m^2)
Recycled 1	17 lb bond to 20 lb bond (64 g/m^2 to 79 g/m^2)
Recycled 2	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Recycled 3	25 lb bond to 28 lb bond (91 g/m^2 to 105 g/m^2)
Color 1	17 lb bond to 20 lb bond (64 g/m^2 to 79 g/m^2)
Color 2	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Heavy 1	29 lb bond to 34 lb bond (106 g/m^2 to 128 g/m^2))
Heavy 2	35 lb bond to 40 lb bond (129 g/m^2 to 150 g/m^2)
Heavy 3	40 lb bond to 66 lb cover (151 g/m^2 to 180 g/m^2)
Heavy 4	67 lb cover to 80 lb cover (181 g/m^2 to 220 g/m^2)
Heavy 5	82 lb cover to 140 lb index (221 g/m^2 to 256 g/m^2)
Heavy 6	140 lb index to 110 lb cover (257 g/m^2 to 300 g/m^2)
1-Sided Coated 1	29 lb bond to 34 lb bond (106 g/m^2 to 128 g/m^2)
1-Sided Coated 2	34 lb bond to 40 lb bond (129 g/m^2 to 150 g/m^2)
1-Sided Coated 3	40 lb bond to 66 lb cover (151 g/m^2 to 180 g/m^2)
1-Sided Coated 4	67 lb cover to 80 lb cover (181 g/m^2 to 220 g/m^2)
1-Sided Coated 5	82 lb cover to 140 lb index (221 g/m^2 to 256 g/m^2)
1-Sided Coated 6	140 lb index to 110 lb cover (257 g/m^2 to 300 g/m^2)
2-Sided Coated 1	29 lb bond to 34 lb bond (106 g/m^2 to 128 g/m^2)
2-Sided Coated 2	34 lb bond to 40 lb bond (129 g/m^2 to 150 g/m^2)
2-Sided Coated 3	40 lb bond to 66 lb cover (151 g/m^2 to 180 g/m^2)
2-Sided Coated 4	67 lb cover to 80 lb cover (181 g/m^2 to 220 g/m^2)
2-Sided Coated 5	82 lb cover to 140 lb index (221 g/m^2 to 256 g/m^2)
2-Sided Coated 6	140 lb index to 110 lb cover (257 g/m^2 to 300 g/m^2)
Matte Coated 1	71 lb text to 85 lb text (106 g/m2 to 128 g/m^2)
Matte Coated 2	85 lb text to 100 lb text (129 g/m2 to 150 g/m^2)
Matte Coated 3	56 lb cover to 67 lb cover (151 g/m2 to 180 g/m^2)
Matte Coated 4	67 lb cover to 81 lb cover (181 g/m2 to 220 g/m^2)
Matte Coated 5	81 lb cover to 94 lb cover (221 g/m2 to 256 g/m^2)
Matte Coated 6	94 lb cover to 110 lb cover (257 g/m2 to 300 g/m^2)

Table 44 – Registered Paper Types and Weight Continued

Paper Type	Paper Weight
Textured 1	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Textured 2	24 lb bond to 28 lb bond (91 g/m^2 to 105 g/m^2)
Textured 3	29 lb bond to 34 lb bond (106 g/m^2 to 128 g/m^2)
Textured 4	34 lb bond to 40 lb bond (129 g/m^2 to 150 g/m^2)
Textured 5	40 lb bond to 66 lb cover (151 g/m^2 to 180 g/m^2)
Textured 6	67 lb cover to 81 lb cover (181 g/m^2 to 220 g/m^2)
Textured 7	82 lb cover to 140 lb index (221 g/m^2 to 256 g/m^2)
Textured 8	140 lb index to 110 lb cover (257 g/m^2 to 300 g/m^2)
Vellum 1	17 lb bond to 20 lb bond (64 g/m^2 to 79 g/m^2)
Vellum 2	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Vellum 3	24 lb bond to 28 lb bond (91 g/m^2 to 105 g/m^2)
Transparency	40 lb bond to 66 lb cover (151 g/m^2 to 180 g/m^2)
Pre-Punched 1	17 lb bond to 20 lb bond (64 g/m^2 to 79 g/m^2)
Pre-Punched 2	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Tab 1	40 lb bond to 66 lb cover (151 g/m^2 to 180 g/m^2)
Tab 2	67 lb cover to 80 lb cover (181 g/m^2 to 220 g/m^2)
Labels	56 lb cover to 66 lb cover (151 g/m^2 to 180 g/m^2)
Bond 1	17 lb bond to 20 lb bond (64 g/m^2 to 79 g/m^2)
Bond 2	20 lb bond to 24 lb bond (80 g/m^2 to 90 g/m^2)
Bond 3	25 lb bond to 28 lb bond (91 g/m^2 to 105 g/m^2)
Letterhead	56 lb cover to 66 lb cover (151 g/m^2 to 180 g/m^2)

B. Specifications

Note: All specifications are for reference purposes only and are subject to change without notice.

Table 45 – imagePRESS C60 Specifications

Item	imagePRESS C60
Type	Console
Drum	Photosensitive OPC Drum x 4
Color Supported	Full Color
Writing Resolution	Up to 2,400 dpi x 2,400 dpi
Memory	3.5 GB (1.5+2 GB) (standard)
Hard Disk	1 TB (Used space: 1 TB) (standard)
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMR and Irregular Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)) and Envelopes [38]
Paper Weight	14 lb bond to 80 lb cover (52 g/m^2 to 220 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Color, Recycled, Pre-Punched, Transparency, Tab, Bond, Letterhead, Textured[40], Vellum, and Envelopes
Margin	Top Margin: Approximately 4.0 mm Left and Right Margins: Approximately 2.5 mm Bottom Margin: Approximately 4.0 mm
Warm-Up Time [41]	After Power on: up to 6 minutes[42] Returning From Sleep mode: up to 6 minutes
First Copy Time	Full Color: Up to 7.7 seconds, (When Color priority is selected.) Black & White: Up to 6.9 seconds, (When Black priority is selected.)
Paper Feeding System/Capacity	Paper Drawer 1, 2, 3 Up to 550 sheets x 3 paper cassettes (20 lb bond (80 g/m^2))
Power Source	208V, 20 A, 60 Hz
Power Consumption	Maximum: up to 3,520 W or less When in the Sleep mode: up to 1 W When the main power switch is turned OFF and Quick Startup Settings for Main Power is set to 'OFF': up to 0.5 W When the main power switch is turned OFF and Quick Startup Settings for Main Power] is set to 'ON' : up to 1.0 W
Noise	Standby: up to 58 dB
Multiple Copies	1 to 9,999 sheets
Dimensions (H x W x D)	Approximately 56 1/8" x 60 1/4" x 36 3/4" (1,424 mm x 1,530 mm x 934 mm) (To the top and right edge of the Upright control panel in the standard position)
Installation Space	76 7/8" x 36 3/4" (1,952 mm x 934 mm) (when the Output Tray-A1, the Duplex Color Image Reader Unit-H1 and the upright Control Panel-D1 are attached)
Weight	Approximately 697 lb (316 kg)

---

38 Supports standard envelopes: No. 10 (COM10), ISO-C5, DL, and Monarch. Supports custom envelopes: 6" x 9", 9" x 12", and 10" x 13". Envelopes between 4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm) can be fed, however, images may not be printed correctly. Envelope types ISO-C5, 9" x 12", and 10" x 13" do not require the Envelope Feeder Attachment-F1.

39 Reference Registered Paper Types and Weight for the available paper weights.

40 Textured paper greater than 221g/m^2 is not supported.

41 Activation time may vary, depending on the conditions under which the machine is being used. (In all cases, at a room temperature of 68°F)

42 If Quick Startup Settings for Main Power is set to 'On', it takes 7 seconds until the key operation on the touch panel display is available after turning ON the main power of the machine. Depending on the situations, the machine does not startup quickly.

Table 46 – imagePRESS C60 Print/Copy Speeds

Paper Size[43]	imagePRESS	
	C60	**Manual Feed from the Stack Bypass-B1**
13" x 19"	Up to 30 ppm	Up to 21 ppm
12 5/8" x 17 3/4"	Up to 32 ppm	Up to 23 ppm
12" x 18"	Up to 32 ppm	Up to 23 ppm
11" x 17"	Up to 32 ppm	Up to 24 ppm
LGL	Up to 36 ppm	Up to 28 ppm
LTR	Up to 60 ppm	Up to 48 ppm
LTRR	Up to 52 ppm	Up to 36 ppm
STMR	Up to 60 ppm	Up to 48 ppm

---

43 Paper size references simplex sheets with the following weights: Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Color 1, Color 2, Recycled, Pre-Punched, Bond, Letterhead and Vellum.

Table 47 – Color Image Reader-H1 Specifications

Color Image Reader-H1	
Item	**Specification**
Type	Printer separated, Stream feed (Feeder), No stream (Reader)
Resolution For Reading	Up to 600 dpi x 600 dpi
Number of Tones	256
Acceptable Originals	Sheet, Book, 3D Objects Up to 4.4 lb (2 kg)

Size and Weight of Originals	Size: 11" x 17", LGL, LTR, LTRR, STMT, and STMTR
	Weight:
	    1-sided scanning: 13 lb bond to 80 lb cover (50 g/m^2 to 220 g/m^2)
	    2-sided scanning:
	        B&W Original: 13 lb bond to 80 lb cover (50 g/m^2 to 220 g/m^2)
	        Color Original: 17 lb bond to 80 lb cover (64 g/m^2 to 220 g/m^2)

Light source	Xenon Tube

Magnification	Regular paper size:
	
	Same Ratio: Direct
	
	Reduction 1:0.78 (LGL ~ LTR)
	                    1:0.73 (11" x 17" ~ LGL, 11" x 15" ~ LTR)
	                    1:0.64 (11" x 17" ~ LTR)
	                    1:0.50 (11" x 17" ~ STMT)
	                    1:0.25
	
	Enlargement 1:1.21 (LGL ~11" x 17")
	                    1:1.29 (LTR ~ 11" x 17")
	                    1:2.00 (STMT ~ 11" x 17")
	                    1:4.00
	
	Copy Ratio: 25 to 400% (in 1% increments)

Original Feeding Mechanism	Automatic Document Feeder
Original Tray Capacity	300 sheets (20 lb bond (80 g/m^2))

Original Scanning Speed [44]	Copying:
	    1-sided scanning:
	        120 sheets/minute [45] (LTR in Black-and-White at 600 dpi)
	        70 sheets/minute (LTR in Full Color at 600 dpi)
	    2-sided scanning:
	        60 sheets/minute (120 pages) [45] (LTR in Black-and-White at 600 dpi)
	        35 sheets/minute (70 pages) (LTR in Full Color at 600 dpi)
	Scanning:
	    1-sided scanning:
	        120 sheets/minute (LTR in Black-and-White/Full Color at 300 dpi)
	    2-sided scanning:
	        100 sheets/minute (200 pages) [45] (LTR in Black-and-White at 300 dpi)
	        70 sheets/minute (140 pages) (LTR in Full Color at 300 dpi)

Power Source	From Main Unit
Dimensions (H x W x D)	Approximately 7 1/8" x 24 7/8" x 23 3/4" (179 mm x 633 mm x 603 mm) (document feeder and reader)
Weight	Approximately 59.3 lb (26.9 kg) (document feeder and reader)

---

44   The scanning speed may vary, depending on the scanning mode and original type.
45   When "Speed Priority" mode is selected.

Table 48 – POD DeckLite-B1 Specifications

POD Deck-Lite-B1	
Item	**Specification**
Paper Size[46]	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMR and Irregular Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)) and Envelopes
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes [47] [48]
Paper Deck Capacity	3,500 sheets (20 lb bond (80 g/m^2))
Power Source	120-127 V AC, 60 Hz, 2.2 A / 480 W or less
Dimensions (H x W x D)	22 3/8" x 28 1/4" x 27" (568 mm x 717 mm x 686 mm)
Weight	168 lb (76 kg)
Installation Space (W x D)	80 5/8" x 36 3/4" (2,049 mm x 934 mm) (When the Output Tray-A1, the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

39   Reference Registered Paper Types and Weight for the available paper weights.

Table 49 – Multi-Drawer Paper Deck-B1

Multi-Drawer Paper Deck-A1	
Item	**Specification**
Paper Sizes	13" x 19", 12 5/8" x 17 11/16" , 12" x 18", 11"x17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size (5 1/2" x 7 1/8" to 13" x 19 1/4" (139.7 mm x 182 mm to 330.2 mm x 487.7 mm))
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-punched, Transparency, Labels, Tab, Bond, Letterhead, Coated, Textured, and Vellum
Paper Deck Capacity	Three paper decks: Up to 2,000 sheets each (Up to 6,000 sheets total) (20 lb bond (80 g/m^2))
Power Requirement	120-127V 60Hz 3.1 A
Maximum Power Consumption	Approximately 880 W or less
Dimensions (H×W×D)	Approximately 41" x 37 3/8" x 31 3/8" (1,040 mm x 950 mm x 797 mm)
Weight	Approximately 342 lb (155 kg)
Installation Space Including the Main Unit (W×D)	89 7/8" x 36 3/4" (2,282 mm x 934 mm) (when the Output Tray-A1, the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

39   Reference Registered Paper Types and Weight for the available paper weights.

---

46   Custom paper sizes which are smaller than 5 1/2" x 7 1/8" (139.7 mm x 182 mm) can be used only if they are standard paper sizes.

47   The following envelope types can be used: Standard Paper Size: No. 10 (COM10), ISO-C5, DL, and Monarch Custom Paper Size : 6" x 9", 9" x 12", and 10" x 13"

48   10" x 13" envelopes can be used without the Envelope Feeder Attachment-G1

Table 50 – Stack Bypass-B1 Specifications

Stack Bypass-B1	
Item	**Specification**
Tray Capacity	Up to 100 sheets (20 lb. Bond)
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)), and Envelopes [47]
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes

39   Reference Registered Paper Types and Weight for the available paper weights.
47   The following envelope types can be used: Standard Paper Size: No. 10 (COM10), ISO-C5, DL, and Monarch Custom Paper Size: 6" x 9", 9" x 12", and 10" x 13"

Table 51 – Stack Bypass Alignment Tray-C1 Specifications

Stack Bypass Alignment Tray-C1	
Item	**Specification**
Tray Capacity	Up to 100 sheets (20 lb. Bond)
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)), and Envelopes [47]
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2) If the basis weight of the paper is below 156 g/m^2 (42 lb bond), or the side of the paper parallel to the feeding direction is shorter than LTRR, the amount of skew correction applied to the paper will not change even if the Stack Bypass Alignment Tray-C1 is attached.
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes
Weight	2.4 lb (1.1 kg)

39   Reference Registered Paper Types and Weight for the available paper weights.
47   The following envelope types can be used: Standard Paper Size: No. 10 (COM10), ISO-C5, DL, and Monarch Custom Paper Size: 6" x 9", 9" x 12", and 10" x 13

Table 52 – Tab Feeding Attachment-F1 Specifications

Tab Feeding Attachment-F1	
Item	**Specification**
Paper Size	LTR
Paper Capacity	2 3/8" (60 mm) in height (or 300 to 400 sheets)
Weight	0.2 lb (0.1 kg)

Table 53 – Envelope Feeder Attachment-F1 Specifications

Envelope Feeder Attachment-F1	
Item	**Specification**
Acceptable Envelopes	Standard Paper Size: No. 10 (COM10), DL, and Monarch Custom Paper Size: 6" x 9"
Loading Limit (Height)	50 sheets
Weight	0.1 lb (30 g)

Table 54 – Envelope Feeder Attachment-G1 Specifications

Envelope Feeder Attachment-G1	
Item	**Specification**
Acceptable Envelopes	Standard Paper Size: No. 10 (COM10), ISO-C5, DL, and Monarch Custom Paper Size: 6" x 9" and 9" x 12"

Loading Limit (Height)	6" x 9", 9" x 12", No. 10 (COM10), ISO-C5, and DL
	    Approximately 4" (100 mm)
	Monarch
	    Approximately 2 3/4" (70 mm).

Weight	Approximately 3.3 lb (1.5 kg)

Table 55 – Document Insertion Unit-M1 Specifications

Document Insertion Unit-M1	
Item	**Specification**
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Custom Size (7 1/8" x 7 1/8" to 13" x 19 1/4" (182 mm x 182 mm to 330.2 mm x 487.7 mm))
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Tab, Bond, Letterhead, Coated, Textured, and Vellum
Paper Capacity	Upper Tray: 200 sheets (20 lb bond (80 g/m^2)) Lower Tray: 200 sheets (20 lb bond (80 g/m^2))
Power Source	100-240 V AC, 50/60 Hz, 1.0 A/120 W or less
Dimensions (H x W x D)	Approximately 55 3/8" x 29 3/8" x 31 1/4" (1,407 mm x 746 mm x 793 mm)
Weight	Approximately 134 lb (61 kg)
Installation Space Including the Main Unit (W x D)	105 3/8" x 36 3/4" (2,676 mm x 934 mm) (when the Duplex Color Image Reader Unit-H1, the Upright Control Panel-D1, and the Finisher-AM1 (or the Saddle Finisher-AM2) are attached)

39 Reference Registered Paper Types and Weight for the available paper weights.

Table 56 – Output Tray-A1 Specifications

Output Tray-A1	
Item	**Specification**
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)), and Envelopes
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes
Paper Capacity	1-side : 250 sheets (20 lb bond (80 g/m^2)) 2-side : 250 sheets (20 lb bond (80 g/m^2))
Dimensions (H x W x D)	6 7/8" x 16 5/8" x 15" (175 mm x 422 mm x 382 mm)
Weight	Approximately 2.6 lb (1.2 kg)
Installation Space Including the Main Unit (W x D)	76 7/8" x 36 3/4" (1,952 mm x 934 mm) (when the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

39 Reference Registered Paper Types and Weight for the available paper weights.

Table 57 – Finisher-AM1 Specifications

Finisher-AM1	
Item	**Specification**
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)), and Envelopes
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes

Capacity Per Tray [49]	No Collating/Collate/Group mode
	    Tray A:
	        13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and STMTR:
	            1,000 sheets (or 5 3/4" (147 mm) in height)
	    Tray B:
	        If the High Volume Stack Mode is set to 'Off':
	        LTR and EXEC:
	            2,000 sheets (or 11 1/4" (285 mm) in height)
	        13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, and LTRR:
	            1,000 sheets (or 5 3/4" (147 mm) in height)
	        If the High Volume Stack Mode is set to 'On':
	        (The maximum stack volume may vary, depending on the paper type.)
	        LTR and EXEC:
	            4,000 sheets (or 19 1/4" (490 mm) in height)
	        LTRR:
	            2,000 sheets (or 11 1/4" (285 mm) in height)
	        11" x 17" and LGL:
	            1,500 sheets (or 8 1/2" (216 mm) in height)
	        13" x 19", 12 5/8" x 17 11/16", and 12" x 18":
	            1,000 sheets (or 5 3/4" (147 mm) in height)
	Staple mode
	    Tray B:
	        LTR, and EXEC:
	            3,000 sheets/200 sets (or 16 5/8" (423 mm) in height)
	        LTRR:
	            2,000 sheets/200 sets (or 11 1/4" (285 mm) in height)
	        11" x 17" and LGL:
	            1,500 sheets/200 sets (or 8 1/2" (216 mm) in height)

---

49   To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.

Table 57 – Finisher-AM1 Specifications Continued

Finisher-AM1	
Item	**Specification**

Capacity Per Tray [49]	No Collating/Collate/Group mode with different paper sizes
	    Tray A:
	        1,000 sheets (or 5 3/4" (147 mm) in height)
	    Tray B [50]:
	        If the High Volume Stack Mode is set to 'Off':
	            LTR and EXEC:
	                2,000 sheets (or 11 1/4" (285 mm) in height)
	            13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, and LTRR:
	                1,000 sheets (or 5 3/4" (147 mm) in height)
	        If the High Volume Stack Mode is set to 'On':
	        (The maximum stack volume may vary, depending on the paper type.)
	            LTR and EXEC:
	                4,000 sheets (or 19 1/4" (490 mm) in height)
	            LTRR:
	                2,000 sheets (or 11 1/4" (285 mm) in height)
	            11" x 17" and LGL:
	                1,500 sheets (or 8 1/2" (216 mm) in height)
	            13" x 19", 12 5/8" x 17 11/16", and 12" x 18":
	                1,000 sheets (or 5 3/4" (147 mm) in height)
	Z-Fold mode (when the Paper Folding Unit-F1 is attached.)
	    Tray A, Tray B: 30 sheets or 10 sheets/1 set
	Half Fold (when the Paper Folding Unit-F1 is attached.)
	    Tray A, Tray B: 50 sheets

Maximum Stapling Capacity / Available Staple Size	When the standard staple cartridge is attached:
	(The maximum stapling capacity may vary, depending on the paper type and weight.)
	
	LTR and EXEC:
	    100 sheets (20 lb bond (80 g/m^2)) or below 1/2" (11 mm) in height, 98 sheets (20 lb bond (80 g/m2)) + 2 sheets (140 lb index (256 g/m2))
	11" x 17", LGL, and LTRR:
	    50 sheets (20 lb bond (80 g/m^2)) or below 1/4" (5.5 mm) in height, 48 sheets (20 lb bond (80 g/m2)) + 2 sheets (140 lb index (256 g/m2))
	Corner Stapling:
	    11" x 17", LGL, LTR, LTRR, EXEC, and Custom Size (8 1/4" x 7 1/8" to 11 3/4" x 17" (210 mm x 182 mm to 297 mm x 432 mm))
	Double Stapling:
	    11" x 17", LGL, LTR, LTRR, EXEC, and Custom Size (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm x 432 mm))

Power Source	120-240 V AC, 50/60 Hz, 8 A/500 W or less
Dimensions (H x W x D)	Approximately 48 3/4" x 31 1/2" x 31 1/4" (1,239 mm x 800 mm x 792 mm)
Weight	Approximately 287 lb (130 kg)
Installation Space Including the Main Unit (W x D)	92" x 36 3/4" (2,335 mm x 934 mm) (when the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

49   To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.

---

50   If the capacity values of the different paper sizes are different, the smallest value is applied to the Tray B capacity.

Table 58 – Saddle Finisher-AM2 Specifications

Saddle Finisher-AM2	
Item	**Specification**
Paper Size	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size (4" x 5 7/8" to 13" x 19 1/4" (100 mm x 148 mm to 330.2 mm x 487.7 mm)), and Envelopes
Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes

Capacity Per Tray [49]	No Collating/Collate/Group mode
	    Tray A:
	        13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and STMTR:
	            1,000 sheets (or 5 3/4" (147 mm) in height)
	    Tray B:
	        If the High Volume Stack Mode is set to 'Off':
	            LTR and EXEC:
	                2,000 sheets (or 11 1/4" (285 mm) in height)
	            13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, and LTRR:
	                1,000 sheets (or 5 3/4" (147 mm) in height)
	        If the High Volume Stack Mode is set to 'On':
	        (The maximum stack volume may vary, depending on the paper type.)
	            LTR and EXEC:
	                4,000 sheets (or 19 1/4" (490 mm) in height)
	            LTRR:
	                2,000 sheets (or 11 1/4" (285 mm) in height)
	            11" x 17" and LGL:
	                1,500 sheets (or 8 1/2" (216 mm) in height)
	            13" x 19", 12 5/8" x 17 11/16", and 12" x 18":
	                1,000 sheets (or 5 3/4" (147 mm) in height)
	Staple mode
	    Tray B:
	        LTR, and EXEC:
	            3,000 sheets/200 sets (or 16 5/8" (423 mm) in height)
	        LTRR:
	            2,000 sheets/200 sets (or 11 1/4" (285 mm) in height)
	        11" x 17" and LGL:
	            1,500 sheets/200 sets (or 8 1/2" (216 mm) in height)

49 To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.

Table 58 – Saddle Finisher-AM2 Specifications Continued

Saddle Finisher-AM2	
Item	**Specification**

Capacity Per Tray [49]	No Collating/Collate/Group mode with different paper sizes
	    Tray A:
	        1,000 sheets (or 5 3/4" (147 mm) in height)
	    Tray B [50]:
	        If the High Volume Stack Mode is set to 'Off':
	            LTR and EXEC:
	                2,000 sheets (or 11 1/4" (285 mm) in height)
	            13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, and LTRR:
	                1,000 sheets (or 5 3/4" (147 mm) in height)
	        If the High Volume Stack Mode is set to 'On':
	        (The maximum stack volume may vary, depending on the paper type.)
	            LTR and EXEC:
	                4,000 sheets (or 19 1/4" (490 mm) in height)
	            LTRR:
	                2,000 sheets (or 11 1/4" (285 mm) in height)
	            11" x 17" and LGL:
	                1,500 sheets (or 8 1/2" (216 mm) in height)
	            13" x 19", 12 5/8" x 17 11/16", and 12" x 18":
	                1,000 sheets (or 5 3/4" (147 mm) in height)
	Z-Fold mode (when the Paper Folding Unit-F1 is attached.)
	    Tray A, Tray B: 30 sheets or 10 sheets/1 set
	Half Fold (when the Paper Folding Unit-F1 is attached.)
	    Tray A, Tray B: 50 sheets

Maximum Stapling Capacity / Available Staple Size	When the standard staple cartridge is attached:
	(The maximum stapling capacity may vary, depending on the paper type and weight.)
	
	LTR and EXEC:
	    100 sheets (20 lb bond (80 g/m^2)) or below 1/2" (11 mm) in height, 98 sheets (20 lb bond (80 g/m2)) + 2 sheets (140 lb index (256 g/m^2))
	11" x 17", LGL, and LTRR:
	    50 sheets (20 lb bond (80 g/m^2)) or below 1/4" (5.5 mm) in height, 48 sheets (20 lb bond (80 g/m2)) + 2 sheets (140 lb index (256 g/m^2))
	Corner Stapling:
	    11" x 17", LGL, LTR, LTRR, EXEC, and Custom Size (8 1/4" x 7 1/8" to 11 3/4" x 17" (210 mm x 182 mm to 297 mm x 432 mm))
	Double Stapling:
	    11" x 17", LGL, LTR, LTRR, EXEC, and Custom Size (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm x 432 mm))

49 To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.
50 If the capacity values of the different paper sizes are different, the smallest value is applied to the Tray B capacity.

Table 58 – Saddle Finisher-AM2 Specifications Continued

Saddle Finisher-AM2	
Item	**Specification**

Available Saddle Stitch Capacity [51] /Size	Saddle Stitch:
	    25 sheets (20 lb bond (80 g/m^2)) (including 1 cover sheet)
	Saddle Folding:
	    5 sheets (20 lb bond (80 g/m2))
	Size:
	    13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR, and Custom Size (8 1/4" x 11" to 13" x 19 1/4" (210 mm x 279.4 mm to 330.2 mm x 487.7 mm)
	Cover Weight:
	    Requires the paper weight of the main document (more than 17 lb bond (64 g/m^2)) or more.
	* Available Saddle Stitch capacity may vary, depending on the paper type and weight.

Power Source	120-240 V AC, 50/60 Hz, 8 A/500 W or less
Dimensions (H x W x D)	Approximately 48 3/4" x 31 1/2" x 31 1/4" (1,239 mm x 800 mm x 792 mm)
Weight	Approximately 397 lb (180 kg)
Installation Space Including the Main Unit (W x D)	92" x 36 3/4" (2,335 mm x 934 mm) (when the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

---

51   Available Saddle Stitch capacity may vary, depending on the paper type and weight

Table 59 – Staple Finisher-T1

Staple Finisher-T1	
Item	**Specification**
Paper Sizes	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11"×17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size（4" x 5 7/8" to 13" x 19 1/4" (100 x 148 mm to 330.2 mm x 487.7 mm)), and Envelopes
Paper Weight	Tray A: 14 lb bond to 140 lb index (52 to 256 g/m^2) Tray B, Tray C: 14 lb bond to 110 lb cover (52 to 300 g/m^2)
Paper Types[39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes

Capacity Per Tray	No Collating mode
	    Tray A:
	        LTR, STMTR, and EXEC:
	            Up To 250 sheets (or 1 3/4" (43 mm) in height)
	        13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, and LTRR:
	            Up To 125 sheets (or 7/8" (21 mm) in height)
	    Tray B:
	        LTR, STMTR, and EXEC :
	            Up To 1,300 sheets (or 7 3/8" (188 mm) in height) [52]
	        13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, and LTRR:
	            Up To 650 sheets (or 3 3/4" (96 mm) in height)
	    Tray C:
	        LTR:
	            Up To 2,450 sheets (or 13 5/8" (347 mm) in height) [52]
	        STMTR and EXEC:
	            Up To 1,700 sheets (or 9 5/8" (243 mm) in height) [52]
	        13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, and LTRR:
	            Up To 650 sheets (or 3 3/4" (96 mm) in height)
	
	Collate, Group mode
	    Tray B:
	        LTR and EXEC:
	            Up To 1,300 sheets (or 7 3/8" (188 mm) in height) [52]
	        11" x 17", LGL, and LTRR:
	            Up To 650 sheets (or 3 3/4" (96 mm) in height)
	    Tray C:
	        LTR, and EXEC:
	            Up To 1,700 sheets (or 9 5/8" (243 mm) in height) [52]
	        11" x 17", LGL, and LTRR:
	            Up To 650 sheets (or 3 3/4" (96 mm) in height)
	
	Staple mode
	    Tray B, Tray C:
	        LTR and EXEC:
	            Up To 1,300 sheets/100 sets (or 7 3/8" (188 mm) in height) [52]
	        11" x 17", LGL, and LTRR
	            Up To 650 sheets/50 sets (or 3 3/4" (96 mm) in height)
	
	No Collating/Collate/Group mode with different paper sizes:
	    Tray B, Tray C:
	        Up To 650 sheets (or 3 3/4" (96 mm) in height)
	
	Staple mode with different paper sizes:
	    Tray B, Tray C:
	        Up To 650 sheets/50 sets (or 3 3/4" (96 mm) in height)

39   Reference Registered Paper Types and Weight for the available paper weights.

---

52   Up to 650 sheets (or 3 3/4" (96 mm in height) when thin paper or custom paper lighter than 16 lb bond (59 g/m^2) is selected.

Table 59 – Staple Finisher-T1 Continued

Staple Finisher-T1	
Item	**Specification**

Maximum Stapling Capacity	When the standard staple cartridge is attached:
	(The maximum stapling capacity may vary, depending on the paper type and weight.)
	    LTR and EXEC:
	        Up to 50 sheets (20 lb bond (80 g/m^2))
	    11" x 17", LGL, and LTRR:
	        Up to 30 sheets (20 lb bond (80 g/ m^2))
	
	Corner Stapling: 11" x 17", LGL, LTR, LTRR, and EXEC
	Double Stapling: 11" x 17", LGL, LTR, LTRR, and EXEC

Power Requirement	From the main unit
Maximum Power Consumption	Up to 385 W
Dimensions (H×W×D)	Approximately 44 1/8" x 25 3/8" x 25 7/8" (1,121 mm x 644 mm x 656 mm) Approximately 44 1/8" x 30" x 25 7/8" (1,121 mm x 761 mm x 656 mm) (When the auxiliary tray is extended)
Weight	Approximately 106 lb (48 kg)
Installation Space Including the Main Unit (W×D)	Approximately 85 3/4" x 36 3/4" (2,179 mm x 934 mm) (When the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached) Approximately 90 1/4" x 36 3/4" (2,291 mm x 934 mm) (When the Puncher, the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

Table 60 – Booklet Finisher-T1

Booklet Finisher-T1	
Item	**Specification**
Paper Sizes	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11"×17", LGL, LTR, LTRR, EXEC, STMTR, Custom Size（4" x 5 7/8" to 13" x 19 1/4" (100 x 148 mm to 330.2 mm x 487.7 mm)），and Envelopes
Paper Weight	Tray A: 14 lb bond to 140 lb index (52 to 256 g/m^2) Tray B, Tray C: 14 lb bond to 110 lb cover (52 to 300 g/m^2)
Paper Types[42]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Pre-Punched, Transparency, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes
Capacity Per Tray	No Collating mode 　Tray A: 　　LTR, STMTR, and EXEC: 　　　Up To 250 sheets (or 1 3/4" (43 mm) in height) 　　13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, and LTRR: 　　　Up To 125 sheets (or 7/8" (21 mm) in height) 　Tray B: 　　LTR, STMTR, and EXEC : 　　　Up To 1,300 sheets (or 7 3/8" (188 mm) in height) [52] 　　13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, and LTRR: 　　　Up To 650 sheets (or 3 3/4" (96 mm) in height) 　Tray C: 　　LTR: 　　　Up To 2,450 sheets (or 13 5/8" (347 mm) in height) [52] 　　STMTR and EXEC: 　　　Up To 1,700 sheets (or 9 5/8" (243 mm) in height) [52] 　　13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, and LTRR: 　　　Up To 650 sheets (or 3 3/4" (96 mm) in height) Collate, Group mode 　Tray B: 　　LTR and EXEC: 　　　Up To 1,300 sheets (or 7 3/8" (188 mm) in height) [52] 　　11" x 17", LGL, and LTRR: 　　　Up To 650 sheets (or 3 3/4" (96 mm) in height) 　Tray C: 　　LTR, and EXEC: 　　　Up To 1,700 sheets (or 9 5/8" (243 mm) in height) [52] 　　11" x 17", LGL, and LTRR: 　　　Up To 650 sheets (or 3 3/4" (96 mm) in height) Staple mode 　Tray B, Tray C: 　　LTR and EXEC: 　　　Up To 1,300 sheets/100 sets (or 7 3/8" (188 mm) in height) [52] 　　11" x 17", LGL, and LTRR 　　　Up To 650 sheets/50 sets (or 3 3/4" (96 mm) in height) No Collating/Collate/Group mode with different paper sizes: 　Tray B, Tray C: Up To 650 sheets (or 3 3/4" (96 mm) in height) Staple mode with different paper sizes: 　Tray B, Tray C: Up To 650 sheets/50 sets (or 3 3/4" (96 mm) in height) Saddle Stitch mode: 　1 to 5 sheets/25 sets, 6 to 10 sheets/15 sets, 11 to 16 sheets/10 sets

39 Reference Registered Paper Types and Weight for the available paper weights.
52 Up to 650 sheets (or 3 3/4" (96 mm in height) when thin paper or custom paper lighter than 16 lb bond (59 g/m2) is selected.

Table 60 – Booklet Finisher-T1 Continued

Booklet Finisher-T1	
Item	**Specification**

Maximum Stapling Capacity	When the standard staple cartridge is attached:
	(The maximum stapling capacity may vary, depending on the paper type and weight.)
	    LTR and EXEC:
	        Up to 50 sheets (20 lb bond (80 g/m^2))
	    11" x 17", LGL, and LTRR:
	        Up to 30 sheets (20 lb bond (80 g/ m^2))
	
	Corner Stapling: 11" x 17", LGL, LTR, LTRR, and EXEC
	Double Stapling: 11" x 17", LGL, LTR, LTRR, and EXEC

Available Saddle Stitch Capacity/Size [53]	Saddle Stitch:
	    16 sheets (including 1 cover sheet (140 lb index (256 g/m^2))
	                    (20 lb bond (80 g/m^2))
	
	Saddle Folding:
	    1 sheets (20 lb bond (80 g/m^2))
	
	Size:
	    12" x 18", 11" x 17", LGL, and LTRR
	
	Cover Weight:
	    Requires the paper weight of the main document (16 lb bond to 140 lb index (60 g/m^2 to 256 g/m^2)) or more

Power Requirement	From the main unit
Maximum Power Consumption	Up to 385 W
Plug	120V, 60Hz, 15A / NEMA 5-15P
Dimensions (H×W×D)	Approximately 44 1/8" x 25 1/2" x 25 7/8" (1,121 mm x 646 mm x 656 mm) Approximately 44 1/8" x 30" x 25 7/8" (1,121 mm x 761 mm x 656 mm) (When the auxiliary tray is extended)
Weight	Approximately 158.7 lb (72 kg)
Installation Space Including the Main Unit (W×D)	85 7/8" x 36 3/4" (2,181 mm x 934 mm) (When the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached) 90 1/4" x 36 3/4" (2,293 mm x 934 mm) (When the Puncher, the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

---

53   Available Saddle Stitch capacity may vary, depending on the paper type and weight.

Table 61 – Puncher Unit-BS1 / Puncher Unit-BT1 Specifications

Puncher Unit-BS1 / Puncher Unit-BT1	
Item	**Specification**

Paper Size	Size:
	    Puncher Unit-BS1:
	        Two Holes:
	            LGL, LTRR, and Custom Size (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm x 432 mm))
	        Three Holes:
	            11" x 17", LTR, EXEC, and Custom Size (9 1/2" x 7 1/8" to 11 3/4" x 17" (240 mm x 182 mm to 297 mm x 432 mm))
	
	    Puncher Unit-BT1:
	        Two Holes:
	            LGL, LTRR, and Custom Size (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm x 432 mm))
	        Four Holes:
	            11" x 17", LTR, EXEC, and Custom Size (10 1/8" x 7 1/8" to 11 3/4" x 17" (257mm x 182 mm to 297 mm x 432 mm))

Paper Weight	14 lb bond to 110 lb cover (52 g/m^2 to 300 g/m^2) Note: The maximum weight for coated paper is 110 lb index (209 g/m^2).
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Tab, Bond, Letterhead, Coated, and Textured

Punch Hole Quantity, Hole Diameter	Puncher Unit-BS1
	    Two or Three Holes: 3/8" (8 mm)
	Puncher Unit-BT1
	    Two or Four Holes: 1/4" (6.5 mm)

Distance Between Punch Holes	Puncher Unit-BS1
	    Two Holes: 2 3/4" (70 mm)
	    Three Holes: 4 1/4" (108 mm)
	Puncher Unit-BT1
	    Two Holes: 3 1/8" (80 mm)
	    Four Holes: 3 1/8" (80 mm)

Paper Size in Which Holes Can be Punched	Two Holes: LGL, LTRR Three Holes: 11" x 17", LTR, EXEC
Puncher Waste Tray Capacity	Approximately 6,000 sheets (20 lb bond (80 g/m^2)) Note: The figure may differ depending on the surrounding environment, paper type, and paper weight.
Power Source	From the Finisher
Dimensions (H x W x D)	Inside the Finisher
Weight	Approximately 6.7 lb (3.0 kg)

39   Reference Registered Paper Types and Weight for the available paper weights.

Table 62 – External 2/3 Hole Puncher-C1

Item	Specification
	External 2/3 Hole Puncher-C1
Item	**Specification**
Paper Sizes	2 Holes: LGL and LTRR 3 Holes: 11"×17", LTR
Paper Weight	14 lb bond to 140 lb index (52 to 256 g/m^2)
Paper Types[39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Color, Recycled, Tab, Bond, Letterhead, Coated, and Textured
Punch Hole Quantity, Hole Diameter	Two holes: 6.5 mm (1/4") Three holes: 8 mm (3/8")
Distance between Punch Holes	Two holes: 70 mm (2 3/4") Three holes: 108 mm (4 1/4")
Punch Waste Tray Capacity	Approximately 10,000 sheets (20 lb bond (80 g/m^2))
Power Source	From the main unit
Dimensions (H×W×D)	Approximately 32 1/2" x 4 1/4" x 24 1/4" (825 mm x 107 mm x 615 mm)
Weight	Approximately 17 lb (7.7 kg)
Installation Space Including theMain Unit (W×D)	90 1/4" x 36 3/4" (2,293 mm x 934 mm) (When the Booklet Finisher-T1, the Duplex Color Image Reader Unit-H1 and the Upright Control Panel-D1 are attached)

39   Reference Registered Paper Types and Weight for the available paper weights.

Table 63 – Professional Puncher-B1 and Professional Pincher Integration Unit-C1

Item	Specification
	Professional Puncher-B1 and Professional Pincher Integration Unit-C1
Item	**Specification**
Paper Size	LTR
Paper Weight	Plain: 20 lb bond to 80 lb cover (75 g/m^2 to 216 g/m^2) Coated: 44.4 lb cover to 80 lb cover (120 g/m^2 to 216 g/m^2)
Paper Type [39]	Thin 2, Thin 1, Plain 1, Plain 2, Heavy 1, Heavy 2, Heavy 3, Heavy 4, Heavy 5, Heavy 6, Color, Recycled, Tab, Bond, Letterhead, Coated, and Textured
Waste Tray Capacity	Up to 25,000 sheets or more of 80 g/m^2 paper with 3-hole punch
Punch Pattern Die Sets (optional)	Plastic Comb (19-hole) Twin Loop (21/32-hole) Color Coil (44-hole) Velo Bind (11-hole) Loose Leaf (3/5-hole) ProClick (32-hole)
Power Source	120-127 V AC, 60 Hz, 5.5 A
Maximum Power Consumption	Professional Puncher-B1: 320 W or less Professional Pincher Integration Unit-C1: 130 W or less
Dimensions (D x W x H)	41" x 9 7/8" x 31 1/4" (1,040 mm x 250 mm x 792 mm)
Weight	Approximately 88.2 lb (40 kg)
Note: Estimated Life of 500,000 sheets of paper may vary depending on variables such as following the lubrication schedule, the type of paper being punched, the cover stacks being punched and the typical length of the average job.	

39   Reference Registered Paper Types and Weight for the available paper weights.

Table 64 – Copy Card Reader-F1 Specifications

Card Reader-F1	
Item	**Specification**
Available Cards	Magnetic
Card Readout Method	Magnetic readout
Magnetic Card Reading Direction	Inserting Direction
Store/Replay	Replay
Power Source	From the main unit
Dimensions (H x W x D)	Approximately 1 5/8" x 3 1/2" x 3 3/4" (40 mm x 88 mm x 96 mm) (excluding the attachment kit and cable)
Weight	Approximately 7.1 oz (200 g) (including the attachment kit and cable)

Table 65 – Send Function: Scan Features Specifications

Send Functions: Scan Features	
Item	**Specifications**
Communication Protocol	FTP (TCP/IP), SMB (TCP/IP), WebDAV
Data Format	TIFF, JPEG, PDF, XPS, OOXML (PowerPoint)
Resolution	100 x100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi, 300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi
System Environment	Windows Server 2003 R2 SP2, Windows Vista SP2, Windows Server 2008 SP2, Windows Server 2008/R2, Windows 7, Windows 8, Windows Server 2012, Mac OS X 10.6.x, Mac OS 10.7.x/10.8.x (Available on FTP and WebDAV), Red Hat Linux 9
Interface	1000BASE-T, 100BASE-TX, 10BASE-T
Color Mode	Automatic-Color Select (Full Color/Grayscale), Automatic-Color Select (Full Color/Black-and-White), Full Color, Grayscale, Black-and-White
Original Type	Text, Text/Photo, Photo
Other	Preview, Browse Windows (SMB) File Server
Optional PDF/XPS/OOXML Functions	PDF Compact, Trace and Smooth, Encryption, OCR, Device Signature, User Signature, Optimization for Web, PDF/A-1b, Policy Applied XPS Compact, OCR, Device Signature, User Signature OOXML PowerPoint, Word, OCR

Table 66 – Send Function: E-Mail and I-Fax Specifications

Send Function: E-Mail and I-Fax Specifications	
Item	**Specifications**
Communication Protocol	SMTP, POP3
I-Fax Communication Mode	Simple, Full

Resolution	For Sending E-Mail
	    100 x100 dpi, 150 x 150 dpi, 200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi,
	    300 x 300 dpi, 400 x 400 dpi, 600 x 600 dpi
	For Sending I-Fax (B&W)
	    200 x 100 dpi, 200 x 200 dpi, 200 x 400 dpi[54], 300 x 300 dpi[54],
	    400 x 400 dpi[54], 600 x 600 dpi[54]
	For Sending I-Fax (Color)
	    100 x 100 dpi[54], 200 x 200 dpi[54], 300 x 300 dpi[54], 400 x 400 dpi[54],
	    600 x 600 dpi[54]

Format	E-Mail:
	    TIFF, JPEG, PDF, XPS, OOXML (PowerPoint / Word)
	I-Fax (B&W):
	    TIFF (MH, MR[54], MMR[54])
	I-Fax (Color):
	     TIFF (MH, MR[54], MMR[54])

Original Size	E-Mail 11" x 17", LGL, LTR, LTRR, STMT, STMTR
	I-Fax 11" x 17", LGL, LTR, LTRR, STMT[55], STMTR[55]
Server Software	Microsoft Exchange 2003 SP2, Microsoft Exchange 2007 SP2, Sendmail 8.14.4, Lotus Domino R7.0
Other	Search for a destination via an LDAP Server, Preview

Optional PDF/XPS/OOXML Functions	PDF
	    Compact, Trace and Smooth, Encryption, OCR, Device Signature, User
	    Signature, Optimization for Web, PDF/A-1b, Policy Applied
	
	XPS
	    Compact, OCR, Device Signature, User Signature
	
	OOXML
	    PowerPoint, Word, OCR

---

54   Available after setting the RX conditions for the destination.
55   Sent as LTR.

Table 67 – Connectivity and Software Specifications

Connectivity and Software Specifications	
Item	**Specifications**
Network Interface	1,000Base-T, 100Base-TX, 10Base-T (RJ-45)
TCP/IP	Frame Type: Ethernet II Print Applications: LPD, Raw, IPP, IPPS, FTP, WSD, smb
IPX/SPX	Frame Type: Ethernet II, Ethernet 802.2, Ethernet 802.3, Ethernet SNAP, Auto Detect Print Applications: Bindery PServer, NDS PServer, RPrinter, NPrinter
AppleTalk	Frame Type: Ethernet SNAP Print Application: PAP (Printer Access Protocol)
Command Languages	PCL5e, PCL6, PostScript 3
Resident Fonts	PCL: 93 Scalable fonts, 2 OCR fonts, and 10 Bitmap fonts, PS: 136 Scalable fonts
Printable Area	PCL5c, PCL6: Reduced to 1/6" (4.23 mm) from the top, bottom, left, and right edges of the paper. PostScript 3: Reduced to 1/6" (4 mm) from the top, bottom, left, and right edges of the paper. (With 12 5/8" x 17 11/16" size paper, you cannot print in the areas 3/8" (10 mm) from the top, bottom, left, and right edges of the paper.)

Table 68 – imagePRESS Server G100 / imagePRESS Server F200

imagePRESS Server G100 / imagePRESS Server F200		
Item	**Specification**	
	imagePRESS Server F200	**imagePRESS Server G100**
Type	External Print Controller	Piggyback Print Controller
Hardware Platform	Fiery PRO^{80}	Fiery E^{200}
Fiery System Software Code Base	FS150 Pro	FS150 Software
OS	Windows 7 Professional FES (64 bit)	Linux
CPU	Intel Core i5-2400 3.10 GHz (up to 3.4 GHz with Turbo Boost enabled)	2.9GHz Intel Pentium dual core G850 CPU
Memory	4 GB	2 GB
Hard Disk Drive	3.5 inch, SATA 1 TB	3.5 inch, SATA 500 GB
Optical Disc Drive	DVD/CD RW Drive	N/A
Interfaces (to LAN)	1000/100/10MbE	
Supported Communication Protocols	AppleTalk, TCP/IP protocols. (Auto protocol switching)	
Fiery Impose Fiery Compose	Option	Option
Removable HDD Kit	Removable HDD Kit-B1	N/A
Fiery Productivity Package	N/A	Option
Fiery Graphic Arts Basic Edition	Standard	Optional
Graphic Arts Package Premium Edition	Standard	N/A
Adobe PDF Print Engine	Standard	Standard
Fiery Spot-On	Standard	Standard
Fiery Hot Folders	Standard	Standard
Integrated Interface & Stand-A1	Option	N/A
Utility Software	Command WorkStation, Web Tools	
Dimensions (H×W×D)	Approximately 19 1/8" x 8 1/2" x 19 1/8" (485 mm x 215 mm x 483 mm)	Approximately 11.7" x 11.2" x 3.5" (295 mm x 285 mm x 93 mm)
Weight	Approximately 38.8 lb (17.6 kg)	Approximately 9.5 lb (4.3 kg)

C. Canon imagePRESS C60 Limited Warranty

CANON imagePRESS C60 SERIES LIMITED WARRANTY

Canon U.S.A., Inc. or Canon Canada Inc. (as applicable, "Canon") warrants the imagePRESS C60 product and Canon brand options designed for use with the imagePRESS product (collectively the "Product") to be free from defects in workmanship and materials under normal use and service for a period of 90 days after delivery to the original purchaser ("Purchaser") or 90,000 prints or copies (or a combination of both), whichever comes first. During such warranty period, Canon shall replace, without charge, any defective part with a new or comparable rebuilt part. This warranty shall not extend to consumables such as paper, chemicals, and toner as to which there shall be no warranty or replacement. Warranty replacement shall not extend the original warranty period of the Product.

This limited warranty shall only apply if the Product is used in conjunction with compatible computers, peripheral equipment and software. Canon shall have no responsibility for such items except for compatible Canon brand peripheral equipment covered by a separate warranty ("Separate Warranty"). Repairs of such Canon brand peripheral equipment shall be governed by the terms of the Separate Warranty. Non-Canon brand equipment that may be distributed with the Product is sold "AS IS" and without warranty of any kind by Canon, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the supplier or producer thereof. For further information on software, see below.

This warranty shall be void and of no force and effect if the Product is damaged as a result of (a) abuse, neglect, mishandling, alteration, electric current fluctuation or accident, (b) improper use, including failure to follow operating or maintenance instructions or environmental conditions prescribed in Canon's operator's manual or other documentation, (c) installation or repair by other than authorized service representatives qualified by Canon who are acting in accordance with Canon's service bulletins, (d) use of supplies or parts (other than those distributed by Canon) which damage the Product or cause abnormally frequent service calls or service problems, or (e) use of the Product with non-compatible computers, peripheral equipment or software, including the use of the Product in any system configuration not recommended in any manual distributed with the Product. Nor does this warranty extend to any Product on which the original identification marks or serial numbers have been defaced, removed, or altered.

ANY SOFTWARE THAT IS DISTRIBUTED WITH THE PRODUCT AND HAS AN ASSOCIATED END USER AGREEMENT IS LICENSED, WARRANTED AND PROVIDED ACCORDING TO THE TERMS OF THAT AGREEMENT, INCLUDING ANY LIMITATIONS AND DISCLAIMERS THEREIN. SUCH SOFTWARE IS SOLD WITHOUT WARRANTY OF ANY KIND BY CANON. PLEASE CONTACT CANON IMMEDIATELY IF YOU HAVE NOT RECEIVED A COPY OF THE SOFTWARE SUPPLIER'S END USER AGREEMENT. CANON RECOMMENDS THAT DATA STORED ON THE PRODUCT'S HARD DISK DRIVE BE DUPLICATED OR BACKED UP TO PREVENT ITS LOSS IN THE EVENT OF FAILURE OR OTHER MALFUNCTION OF THE HARD DISK DRIVE.

THE ABOVE WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES AND CONDITIONS REGARDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, RELATING TO THE USE OR PERFORMANCE OF A PRODUCT OR ANY ASSOCIATED COMPONENT, AND ALL SUCH OTHER WARRANTIES AND CONDITIONS ARE DISCLAIMED. NO OTHER EXPRESS WARRANTY, CONDITION OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THE PRODUCT SHALL BIND CANON ANY SUPPLIER OR ANY AUTHORIZED SERVICE PROVIDER. NO WARRANTY IS GIVEN ON ANY USED PRODUCT.

THE SOFTWARE EMBEDDED IN THE PRODUCT AND USED TO CONTROL ITS FEATURES IS OWNED BY CANON INC. AND/OR OTHER THIRD PARTIES AND IS LICENSED UNDER THE THIRD PARTY SOFTWARE TERMS AND CONDITIONS STATED ELSEWHERE IN THIS MANUAL. ANY DEFECT IN SUCH EMBEDDED SOFTWARE THAT MATERIALLY IMPAIRS A FEATURE OF THE PRODUCT DOCUMENTED IN THIS USER MANUAL WILL BE COVERED BY THE ABOVE WARRANTY THAT THE PRODUCT IS FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP; NO OTHER WARRANTY APPLIES TO THIS SOFTWARE, AND ALL DISCLAIMER AND LIMITATION PROVISIONS AS SET FORTH BELOW APPLY TO THIS SOFTWARE.

NEITHER CANON OR ITS SUPPLIERS NOR ANY AUTHORIZED SERVICE PROVIDER SHALL BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE (UNLESS CAUSED SOLELY AND DIRECTLY BY THE NEGLIGENCE OF CANON OR ANY AUTHORIZED SERVICE PROVIDER), LOSS OF REVENUE OR PROFIT, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, EXPENDITURES FOR SUBSTITUTE EQUIPMENT OR SERVICES, LOSS OR CORRUPTION OF DATA, INCLUDING, WITHOUT LIMITATION, DATA STORED ON THE PRODUCT'S HARD DISK DRIVE, STORAGE CHARGES OR OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE OR INABILITY TO USE THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED AND EVEN IF CANON OR ITS SUPPLIERS OR ANY AUTHORIZED SERVICE PROVIDER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR SHALL RECOVERY OF ANY KIND AGAINST CANON OR ITS SUPPLIERS OR ANY AUTHORIZED SERVICE PROVIDER BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, THE PURCHASER ASSUMES ALL RISKS AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO PERSONS AND PROPERTY OF THE PURCHASER OR OTHERS ARISING OUT OF THE POSSESSION, USE, MISUSE, OR INABILITY TO USE THE PRODUCT NOT CAUSED SOLELY AND DIRECTLY BY THE NEGLIGENCE OF CANON OR ANY AUTHORIZED SERVICE PROVIDER. THIS WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT AND STATES SUCH PURCHASER'S EXCLUSIVE REMEDY.

CONDITIONS OF WARRANTY

Defective parts must be returned to Canon or an Authorized Service Provider with all necessary documentation and will become the property of Canon.

THIS WARRANTY APPLIES TO PRODUCTS SOLD AND USED IN THE U.S.A. AND CANADA ONLY.

D. List of Tables

E.   List of Figures