

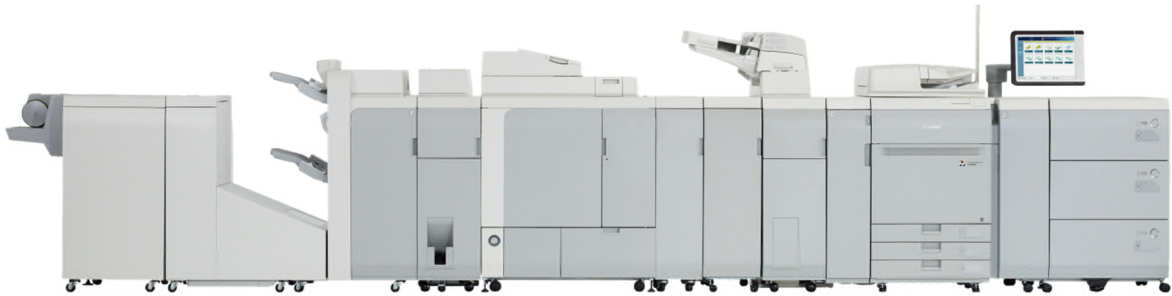
Canon



imagePRESS

C800

C700



Service Guide

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Canon U.S.A., Inc.
One Canon Park
Melville, NY 11747-3336
1-800-OK-CANON
E-Mail: serviceplanning@cusa.canon.com

Canon U.S.A. Homepage: <http://www.usa.canon.com>
Canon U.S.A. Internet e-Support Center Web Site: <http://www.support.cusa.canon.com>
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	August 2014	All	imagePRESS C800/C700 Service Guide
1	August 2014	VII	The Main Unit Fixing Assembly was added to the Service Notes

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I. Product Overview and Configuration

A. Overview

The imagePRESS C800 and imagePRESS C700 (the imagePRESS C800 Series) are digital press devices designed to produce high-color image quality and high-productivity in the light production printing environment. These devices are intended for commercial printers, In-plant Central Reproduction Department (CRD) facilities, and quick printers.

These models bring the following capabilities to end-users:

- The imagePRESS C800/C700 digital presses are Segment 5 devices that prints and copies Color and Black & White (B&W) sheets at speeds of up to 80 ppm (pages-per-minute) and 70 ppm respectively.
- 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 C800/C700 digital presses 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 C800/C700 with the imagePRESS Printer Kit or 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 C800	imagePRESS C700
Copy / Print Speed (LTR, Color / B&W)			Up to 80-ppm ¹	Up to 70-ppm ¹
Optimum Copy Volume (copies/prints) (Approximately)			Approximately 40,000 to 100,000	Approximately 30,000 to 80,000
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 /	B&W	Up to 120 ipm	
	Duplex	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 56,000	
		Color	Up to 39,500	
Drum Yield (LTR)		B&W	Up to 1,030,000	Up to 890,000
		Color	Up to 490,000	Up to 420,000
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/m ²)	
	Multi-Purpose Tray		Plain paper: 14 lb bond to 110 lb cover (52 to 300 g/m ²) Coated Paper: 28 lb bond to 110 lb cover (106 to 300 g/m ²)	
Available Paper Supply Options	POD Deck Lite-B1 (Up to 3,500 sheets)		Option	
	Multi-Drawer Paper Deck-B1 (Up to 6,000 sheets)		Option	
Image Reader (Scan/Copy)			Optional (Color)	

¹ Maintains print speed regardless of paper weight based on LTR sized paper.

Table 1 – Model Comparison Continued

Feature		imagePRESS C800	imagePRESS C700
PRINT	imagePRESS Printer Kit	Optional (UFR II, PCL5e/6, Adobe PostScript)	
	PRISMAsync controller	Optional (Adobe PostScript/PDF)	
	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	Standard
	Advanced Feature Set, Secure Feature Set, Digital User Signature Kit	Option	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 a imagePRESS C800 or imagePRESS C700, the configuration must include the Main Engine Base Model Set and a license for the model speed. In addition, a print controller and an output device (output tray or finisher) are required.

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
 <p>imagePRESS C800 with Operator Panel shown</p>	
Print Engine Standard Speed License	
imagePRESS C800/C700 Main Engine Set ^{4 5}	7999B014AA

Table 3 – imagePRESS Speed License

Print Engine Standard Speed License	
Item	eLAN Item Number ⁶
imagePRESS C800 Speed License	8504B001AA
imagePRESS C700 Speed License	8505B001AA

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 a PRISMAsync Controller, imagePRESS Server or Printer Kit is required.
 5 Requires Output Tray-A1, Finisher-AM1, or Saddle Finisher-AM2.
 6 The eLAN (Electronic License Access Number) is delivered via the CNA Web site.

Table 4 – PRISMAsync Controller and Software Options

PRISMAsync Controller and Software Options	
Item	Item Number ³
PRISMAsync Controller iPR C800/C700 series & Control Panel Set ⁷	9661B005AA
iPR C800/C700 PRISMAsync License Activation Set ⁸	9872B023AA
E-Shredding-D1 ⁹	9872B007AA
DocBox-E1 ⁹	9872B004AA
Page Programming-B1 ⁹	9872B005AA
Advanced Color Management-B1 ⁹	9872B002AA
DP Link-E1 ⁹	9872B014AA
Fontset Japanese- ⁹	9872B010AA
Fontset Korean-D1 ⁹	9872B011AA
Fontset Simplified Chinese-D1 ⁹	9872B008AA
Fontset Traditional Chinese-D1 ⁹	9872B009AA

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

Table 5 – imagePRESS Server and Software Options

imagePRESS Server and Software Options	
Item	Item Number ³
iPR Server F200 & Control Panel Set ¹⁰	8514B011AA
iPR Server G100 & Control Panel Set ¹⁰	8515B009AA
Removable HDD Kit-B1 ¹¹	0134B003AA
Fiery Compose	2351B006AA
Fiery Impose	6596A042AA
Fiery Impose and Compose	6596A043AA
PRODUCTIVITY PCKG WEB ¹²	7752A029AA
Graphic Arts Package, Premium Edition V2.3 ¹¹	7752A030AA
GUI Kit-A1	3851A011BA
Integrated Interface and Stand-A1 ¹¹	1099V652

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

⁷ Includes PRISMAsync controller, Operator Panel, Operator Panel attachment kit, Operator Attention Light

⁸ Includes PRISMAsync base license, Scheduler, Multiple Queue, Scanning license

⁹ Requires the PRISMAsync controller

¹⁰ Includes Upright Control Panel

¹¹ Option for imagePRESS Server F200

¹² Option for imagePRESS Server G100

Table 6 – imagePRESS Server and Software Options

imagePRESS Server and Software Options	
Item	eLAN Item Number ⁶
imagePRESS Printer Kit-B1 & Control Panel Set ¹⁰	8496B007AA
Barcode Printing Kit-D1 ¹³	3999B004AA

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

6 The eLAN (Electronic License Access Number) is delivered via the CNA Web Site.

Table 7 – Hardware Accessories

Hardware Accessories	
Item	Item Number ³
Duplex Color Image Reader-H1 Set ¹⁴	8002B002AA
Printer Cover-F1 ¹⁵	8077B001AA
Stack Bypass-B1 ¹⁶	8078B001AA
Stack Bypass Tray-C1	8079B001AA
Multi Drawer Paper Deck-B1 Set ¹⁶	8011B006AA
POD Deck Lite-B1 Set ¹⁶	8012B006AA
Envelope Attachment-F1 ¹⁷	8928B001AA
Envelope Attachment-G1 ¹⁸	8929B001AA
Tab Feeding Attachment-F1	8930B001AA
Finisher-AM1 ¹⁹	8003B002AA
Saddle Finisher-AM2 ¹⁹	8004B002AA
Output Tray-A1 ²⁰	8080B001AA
Perfect Binder-D1 with Document Insertion Unit ²¹	8009B002AA
Paper Folding Unit-F1	2888B001AC
Booklet Trimmer-D1 ²²	2898B001AC
Two-Knife Booklet Trimmer-A1 ^{22 23}	2827B002AA
Document Insertion Unit-M1 Set ^{25, 24}	8013B002AA
Puncher Unit-BS1 ²⁵	5738B002AA
Puncher Unit-BT1 ²⁵	5738B003AA

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

13 Requires imagePRESS Printer Kit-B1

14 The set includes the Color Image Reader-H1 and Reader Attachment Kit-A1. Requires the Platen Cover Type K or DADF-R1.

15 Required Color Image Reader-H1 Set.

16 Stack Bypass-B1, POD Deck Lite-B1 or Multi Drawer Paper Deck-B1 cannot be installed simultaneously

17 Optional envelope attachment kit for engine paper cassette. One envelope attachment kit comes standard with the engine.

18 Envelope attachment kit for POD Deck Lite-B1. POD Deck Lite-B1 must be ordered with this item.

19 Finisher-AM1 and Saddle Finisher-AM2 cannot be installed simultaneously.

20 Either Output Tray-A1, Finisher-AM1, or Saddle Finisher-AM2 must be ordered with the engine

21 Finisher-AM1 or Saddle Finisher-AM2 is required. No initial Glue is included, Glue-A1 or Glue-A2 must be ordered.

22 Saddle Finisher-AM2 must be installed.

23 Booklet Trimmer-D1 must be installed.

24 Document Insertion Unit-C1 and Attachment Kit.

25 Option for Finisher-AM1 or Saddle Finisher-AM2.

Table 7 – Hardware Accessories Continued

Hardware Accessories	
Item	Item Number ³
Professional Puncher-B1 with Professional Puncher Integration Unit-C1 ²⁶	2825B013AA
Plastic Comb 19-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B001AA
Twin Loop 21-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B002AA
Twin Loop 32-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B003AA
Color Coil 44-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B004AA
Velo Bind 11-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B005AA
Loose Leaf 3-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B006AA
Loose Leaf 5-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B022AA
Pro Click 32-Hole Punch LTR-A1 (Die for Professional Puncher-B1) ²⁷	3028B021AA
High Durability Plastic Comb 19- Hole Punch LTR-A1 ²⁷ (Die for Professional Puncher-B1)	3028B033AA
High Durability Color Coil 44-Hole Punch LTR-A1 ²⁷ (Die for Professional Puncher-B1)	3028B034AA
High Durability Loose Leaf 3-Hole Punch LTR-A1 ²⁷ (Die for Professional Puncher-B1)	3028B035AA
ADF Access Handle-A1	1095B001AA
Copy Card Reader-F1 ²⁸	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.

Table 8 – SDD Square Fold Booklet Maker with Two Knife Trimmer

SDD Square Fold Booklet Maker with Two Knife Trimmer	
Item	Item Number ³
Square Fold Booklet-Maker with Two-Knife Trimmer ^{29, 30, 31}	6357B001AB
Square Fold Booklet-Maker ^{29, 30, 31}	6357B002AA

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

²⁶ Finisher-AM1 or Saddle Finisher-AM2 is required.

²⁷ Optional punch die for Professional Puncher-B1. Only one die can be installed at a time.

²⁸ Requires the Copy Card Reader Attachment Kit-A2

²⁹ Training is offered at an additional cost and is required in to purchase the finisher. Pricing and additional training information is available in the Service Support Guide.

³⁰ The Booklet Trimmer-D1 is required. The Booklet Trimmer-D1 Firmware must be verified or updated by a service technician.

³¹ The Square Fold Booklet-Maker and Square Fold Booklet-Maker with Two-Knife Trimmer cannot be installed simultaneously.

Table 9 – System Connectivity Accessories

System Options		
Item	Item Number ³	eLAN Item Number ⁶
Web Access Software-H1 ³²		2738B007AA
USB Device Port-A3	8661B001AA	
Remote FAX Kit-A1		3679B005AA
Multimedia Reader/Writer-A3 ³³	8662B001AA	
Universal Send Advanced Feature Set-G1		3405B027AA
Universal Send Secure Feature Set-D1		3406B006AA
Universal Send Digital User Signature Kit-C1 ³⁴		1326B013AA
HDD Data Erase Kit-C1		4002B004AA
Encrypted Secure Print Software-D1 ³⁵		1337B011AA
Access Management System Kit-B1 USA		1642B010AA
Voice Guidance Kit-F2	3681B003AA	

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

6 The eLAN (Electronic License Access Number) is delivered via the CNA Web Site.

Table 10 – Supplies and Consumables

Supplies and Consumables	
Item	Item Number ³
Staple-N1 (For Finisher-AM1 or Saddle Finisher-AM2) ³⁶	1007B001AA
Staple-P1 (For Saddle Finisher-AM2) ³⁷	1008B001AA
Glue-A1 (for Perfect Binder-B1/33Lbs) ³⁸	1093B001AB
Glue-A2 (for Perfect Binder-B1/11Lbs) ³⁹	1093B002AB

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

Table 11 – 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.

32 Requires imagePRESS Printer Kit-B1 when printing PDF files.
 33 Requires USB Device Port-A3.
 34 SSO-H settings are required.
 35 imagePRESS Printer Kit-D1 Option.
 36 Used for corner/double stapling only.
 37 Used for saddle finishing only.
 38 Approximately 5,000 Sets - 100 Sheet Books/20lb Bond.
 39 Approximately 1,650 Sets - 100 Sheet Books/20lb Bond.

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/m²)).
- Paper Weight: 13 lb bond to 80 lb cover (50 g/m² to 220 g/m²).
- 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/m²)).
- 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/m² to 300 g/m²)
- 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/m²)).
- Supports paper sizes up to 13" x 19.2" (from 14 lb bond to 110 lb cover (52 to 300 g/m²)).
- 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/m²)).
- Supports paper sizes up to 13" x 19" (from 14 lb bond to 110 lb cover (52 to 300 g/m²)).
- 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/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/m²)).
- Paper weight:
 - Plain: 14 lb bond to 110 lb cover (52 g/m² to 300 g/m²).
 - Coated: 29 lb bond to 110 lb cover (106 g/m² 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/m²)).
- Saddle Stitch Booklet finishing capability for up to 25-sheets (@ 20 lb bond (80 g/m²)) or 100 imaged sides.
- Saddle Fold capacity for up to 5 sheets (@ 20 lb bond (80 g/m²))
- Paper weight:
 - Plain: 14 lb bond to 110 lb cover (52 g/m² to 300 g/m²).
 - Coated: 29 lb bond to 110 lb cover (106 g/m² to 300 g/m²).

H. Booklet Trimmer-D1

- Connects to the Booklet Tray of the Saddle Finisher-AM2.
- Provides adjustable front trimming of saddle-stitched booklets of up to 25-sheets (approximately 100 pages).
- The Conveyor Tray can hold approximately 30 booklets
- Requires the Saddle Finisher-AM2.

I. Two-Knife Booklet Trimmer-A1

- Connects to the Booklet Trimmer-D1.
- Trims the top and bottom side of saddle stitched booklets.
- Adjustable trimming is available
- Trims up to 25-sheets (approximately 100 pages).
- The Conveyor Tray can hold approximately 30 booklets (uses the Conveyor Tray of the Booklet Trimmer-D1).
- Requires the Booklet Trimmer-D1.

J. Document Insertion Unit-M1

- Inserts pre-printed cover sheets or insertion sheets for binding.
- The upper tray and a lower tray have a capacity of up to 200 sheets each (@ 20 lb bond (80 g/m²)).
- Supports 14 lb bond to 110 lb Cover (52 g/m² to 300 g/m²)
- Supports paper sizes up to 13" x 19"

K. Perfect Binder-D1

- Provides the ability to create perfect bound books in-line.
- Provides high quality document binding for up to 200 sheets with a cover sheet that can be fed through an Insertion Unit.
- The Perfect Binder utilizes hot glue technology, and 3-side trimming for a high-quality finished product.
- The upper tray and lower tray have a capacity of up to 200 sheets each.
- Requires the Finisher-AM1 or Saddle Finisher-AM2.

L. 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/m²)

M. 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/m²)

N. 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/m² to 216 g/m²)

O. Tab Feeding Attachment-F1

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

P. 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.

Q. 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. Third Party Finishers and Accessories

A. Square Fold Booklet Maker

- An in-line finishing solution attached to the Booklet Trimmer-D1.
- Provides a professional square back finishing look to the saddle stitch booklets; similar to a bound book for a wide range of on-demand applications.
- Refer to the Square Fold Booklet-Maker with Two-Knife Trimmer Service Support Guide for more details.

B. Square Fold Booklet-Maker with Two-Knife Trimmer

- An in-line finishing solution attached to the Booklet Trimmer-D1
- Provides a professional square back finishing look to the saddle stitch booklets; similar to a bound book for a wide range of on-demand applications.
- The Two-Knife Trimmer is capable of trimming booklets to a width of approximately 7.87" (200 mm) up to 12.6" (320 mm).
- Refer to the Square Fold Booklet-Maker with Two-Knife Trimmer Service Support Guide for more details.

IV. System Features and Options

The functionality of the imagePRESS C800/C700 Series can be expanded by installing the following system related optional accessories and software.

A. Print Controller Options

1. imagePRESS Printer Kit-B1

- An embedded print controller for the imagePRESS C800/C700 Series machines
- Designed for operations that use a printer driver workflow and do not require job or queue management tools
- Supports UFR II, Adobe Genuine PostScript 3, PCL 5e/6
- Comes standard-equipped with the upright control panel.
- Optional Encrypted Secure Print Software and Barcode Printing Kit-D1 is available.

2. Barcode Printing Kit-D1

- Enables the user to generate barcodes
- Support more than 50 barcode formats, as well as the EURO symbol, safety symbols, electronic, and manufacturing symbols.
- Requires the imagePRESS Printer Kit-B1 installed
- Cannot be used with the imagePRESS Server or PRISMAsync Controller.

3. imagePRESS Server F200

- An external print controller for the imagePRESS C800/C700 Series 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.

4. imagePRESS Server G100

- An embedded print controller that attaches to the back of the imagePRESS C800/C700 Series 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.

5. PRISMAsync Controller

- A high-performance integrated print controller that enables the end-user to define all media and color settings once and use them throughout the prepress and printing process.
- Fully integrated digital front-end provides intuitive production management.
- Operates in both Windows and Macintosh environments.
- Supports PostScript 3, PDF Version 1.8, IPDS, PCL/PJL.
- Standard hardware includes:
 - Operator Panel – an integrated Super VGA high-resolution TFT screen with a unique graphical user interface for end-user and service technician accessibility. View and access job information, manage print jobs, monitor the status of print jobs, and monitor the status of the imagePRESS C800/C700. The service technician has access to view and manage system information. The Operator Panel supports USB Printing and Scan-to-USB interface for memory media integration and device support.
 - Operator Attention Light - Helps the operator to monitor the status of the imagePRESS C800/C700 Series from a distance. The color of the lights match the printer status displayed on the dashboard of the Operator Panel.

6. Scheduler-D1

- A Standard feature with the PRISMAsync Controller
- Provides a real-time overview of all scheduled jobs, the time needed to print those jobs, the media (types) needed to print them and informs the operator whether the available amount of loaded media is sufficient for the scheduled jobs.

7. Scanning-C1 License

- A Standard feature with the PRISMAsync Controller
- Enable the end-user to scan documents to FTP, email, PRISM access, USB, SMB..
- Scan to SMB allows scanning to a shared network drive.
- Scan to e-mail allows sending a scan job to multiple e-mail entries.

8. Multiple Queues-B1

- A Standard feature with the PRISMAsync Controller
- Enables the possibility to create multiple LPR queues or PS/PDF hot folders to automate the customer's workflow for repetitive jobs.

B. PRISMAsync Software Options

Software options available for the imagePRESS C800/C700 with the PRISMAsync Controller Attached

1. E-shredding-D1

- Allows the end-user to securely erase jobs from the imagePRESS C800/C700 Series and the PRISMAsync controller to prevent unauthorized access to deleted jobs
- This functionality provides a layer of data security for government agencies and corporate enterprises with an increased demand for data security
- Available erase options are:
 - Gutmann - All jobs on the imagePRESS C800/C700Series and the PRISMAsync controller are erased in 35 overwrite passes.
 - US DOD 5220.22m, 8-306.d - All jobs on the imagePRESS C800/C700 Series and the PRISMAsync controller are erased in three (3) overwrite passes.
 - Custom - The end-user can define the number of overwrite passes manually.

Note: Depending on the e-shredding settings (number of overwrites) and the complexity of the processed job data e-shredding will impact product performance. An impact of 10% to 40% can be expected on product performance.

2. DocBox-E1

- Provides operators with a comprehensive means to store, group, edit and reprint jobs. The editing options are a subset of the PRISMAprepare job preparation software.
- Multiple DocBoxes can be set up (each with a unique name) and can be secured with a PIN.
- A DocBox can contain several Jobs (print jobs and scan jobs). Jobs can be edited and stored within the DocBox
- Basic features of the DocBox functionalities:
 - Carry out advanced job preparation actions.
 - Correct settings when the proof print is not correct, for example change the print quality or layout of a document.
 - Combine analogue documents with digital documents.
 - Store jobs that must be reprinted regularly (examples: reports or books).

3. Page Programming-B1

Enables editing of jobs on page level using actual thumbnails at the user interface.

4. Advanced Color Management-B1

Provides the ability to specify color settings and save preconfigured templates for jobs.

5. DPLink-E1

Provides interoperability with Xerox FreeFlow

6. Asian Font Sets

The Asian font sets are available for the imagePRESS C800/C700 Series. Available font sets include:

- Japanese
- Korean
- Simplified Chinese
- Traditional Chinese

C. Universal Send and Fax Options

Options available for the imagePRESS C800/C700 with the imagePRESS Printer Kit or 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.

D. Document Storage Capabilities

The imagePRESS C800/C700 Series 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 21](#).
- 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 C800/C700 with the imagePRESS Printer Kit or 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.

E. Connectivity Options

Options available for the imagePRESS C800/C700 with the imagePRESS Printer Kit or the imagePRESS Server attached

1. Web Access Software-H1

- Enables the user to view web pages from the touch panel display of the machine.
- If PDF files are registered on the web page, the user can print them from the machine without using a computer. Moreover, if a web page or special content is created, and then registered as a PDF file, the web page or special content can be shared with other users.
- To print PDF files from web pages, the optional imagePRESS Printer Kit-B1 must be installed.

2. 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.

3. 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.

F. Security Features and Options

The imagePRESS C800/C700 Series machines include a comprehensive set of security features, such as Device Authentication, Data Security, Document Security, and Network Security.

Options available for the imagePRESS C800/C700 with the imagePRESS Printer Kit or the imagePRESS Server attached

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 C800/C700 Series 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, Web Access, MEAP applications, and so on, in conjunction with the SSO-H login service.

(4) Card Reader Solutions

The imagePRESS C800/C700 supports card authentication solutions. These solutions can be combined with Department ID management and the SSO-H login service.

2. Network Security

The imagePRESS C800/C700 Series 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 C800/C700 Series 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 C800/C700 Series 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 C800/C700 Series.

3. Data Management and Security

The imagePRESS C800/C700 Series 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 HDD Data Erase Kit
- 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 C800/C700 Series 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 C800/C700 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:
 - Null (one-time zero data overwrite)
 - One-time random data overwrite
 - 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 C800/C700 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) Encrypted Secure Print Software-D1

- Enables the user to encrypt print data sent from a computer by using the Secured Print function, and then decrypt it at the device.
- imagePRESS Printer Kit-D1 must be installed
- Requires license activation via the LMS

g) 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.

G. 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.

V. Software Solutions

The optional software applications are designed to enhance the end-user experience and interaction with imagePRESS C800/C700 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.

The combined use of imageWARE Document Server, and imageWARE Scan Manager DS delivers a powerful solution for effectively and efficiently managing both transaction documents and every 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).

VI. Dealer Sales/Service Authorization

To become authorized to sell, service and maintain the imagePRESS C800/C700 Series 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) and/or the PRISMA Systems Training Program (PRISMAsync Controller based).

VII. Educational Training

The learning path for a service technicians to secure certification to service and maintain the imagePRESS C800/C700 is based on the current imageRUNNER ADVANCE and/or 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 C800/C700 Series 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 C800/C700 Series devices.

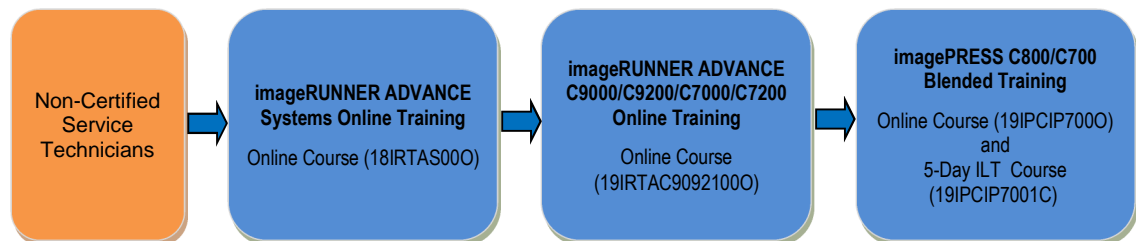


Table 12 – imagePRESS C800/C700 New Technician Training

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 C800/C700 Series devices.



Table 13 – 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 C800/C700 Series devices.

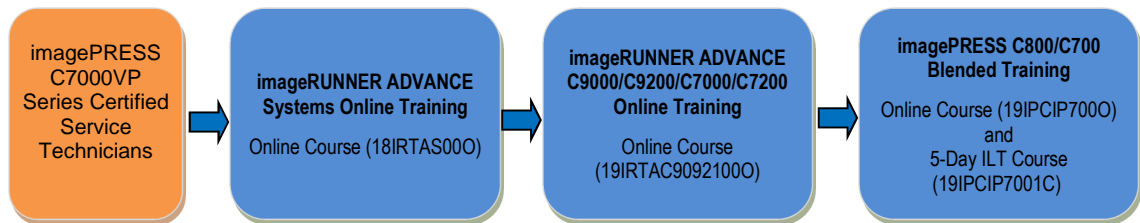


Table 14 – Required Courses for Technicians with imagePRESS C7000VP Series Certification

Course Name	Course Code ³
imageRUNNER ADVANCE Systems Online Training	18IRTAS000
imageRUNNER ADVANCE C9000/C9200 Online Training	19IRTAC90921000
imagePRESS C700/C800 Online Training	19IPCIP7000
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 C800/C700 Series devices.

Depending on the configuration of the imagePRESS C800/C700 the systems engineer should complete either or both the imagePRESS C7000VP Systems Training Program (EFI Controller based) or PRISMA Systems Training Program (PRISMAsync Controller based).

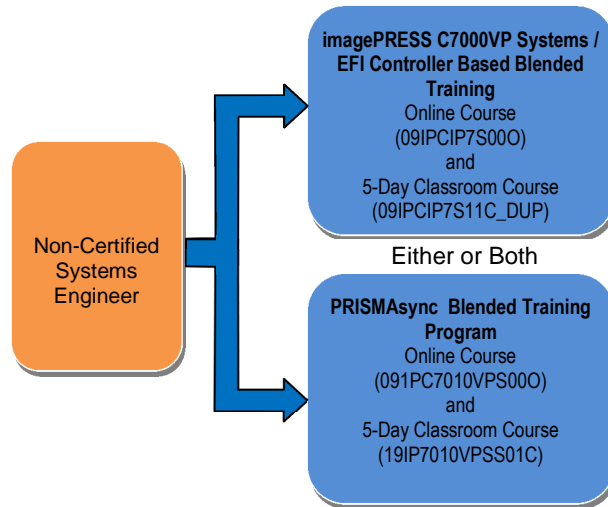


Table 15 – Required Courses for Technicians with imagePRESS C7000VP Series Certification

Course Name	Course Code ³
imagePRESS C7000VP Systems / EFI Controller Based Online Training	09IPCIP7S000
imagePRESS C7000VP Systems / EFI Controller Based Classroom Training	09IPCIP7S11C_DUP
PRISMAsync Online Training	091PC7010VPS000
PRISMAsync Classroom Training	19IP7010VPSS01C

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

B. Certification

- imagePRESS C800
- imagePRESS C700

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 C800/C700 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. Additional Accessory Training Courses

The courses below are designed to teach the theory and operation, which will provide service technicians with the knowledge required for the setup and servicing of the Two Knife Booklet Trimmer-A1 and the Professional Puncher-B1 (either the online or classroom course).

Table 16 – Additional Accessory Training Courses

Module Name	Course Code ³
Two-Knife Booklet Trimmer-A1 Online Module	09IPC2KBT01E
Professional Puncher-B1 Online Module	09IPC7PPB101E
Professional Puncher-B1 Classroom Module	09IPC7PPB00E

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

E. Third Party Accessory Training

Third Party Accessory training courses provide the technician with the knowledge required for installing, upgrading, servicing, and maintaining supported Third Party Accessories.

Depending on the accessory the Third Party Accessory training courses are available as either a blended course, classroom only course, or online only training course. The courses give the student a strong foundation of general knowledge, operational theory, troubleshooting, maintenance and practical hands on exercises in preparation for supporting the product in various customer environments.

Table 17 – Third Party Accessory Training

Product	Course Name	Course Code ³
Square Fold Booklet Maker, and	BLM300C & Square Fold Booklet Solutions Online Course	19IPCBLM301E
Square Fold Booklet-Maker with Two-Knife Trimmer	BLM300C & Square Fold Booklet Solutions Classroom Course	19IPCBLM301C

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 18 – Service Materials

Model	Item	Location
imagePRESS C800/C700 Series	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	


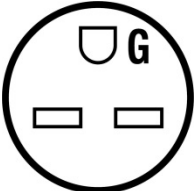
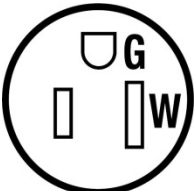
VIII. Servicing Notes

A. Power and Plug Requirements

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

The imagePRESS C800/C700 Main Unit requires a dedicated single phase 208V/20A NEMA 6-20R receptacle for proper operation

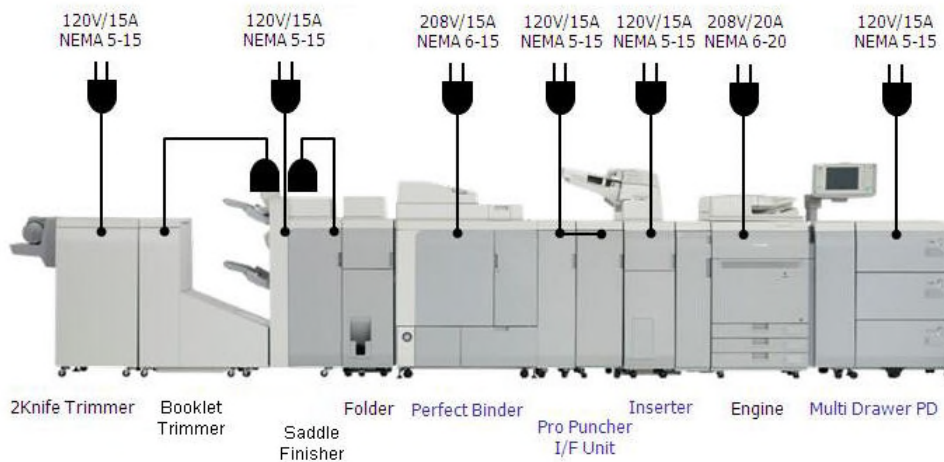
Table 19 – Power Receptacle

imagePRESS C800/C700 Main Unit
 <p>NEMA 6-20 Receptacle</p>
The Perfect Binder-B1
 <p>NEMA 6-15 Receptacle</p>
Accessories / Controllers
 <p>NEMA 5-15 Receptacle</p>

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

Figure 1 – Power and Plug Requirements



(Note: Phase converters and step down transformers are not supported)

Table 20 – Power and Plug Requirements for Main Unit and Accessories

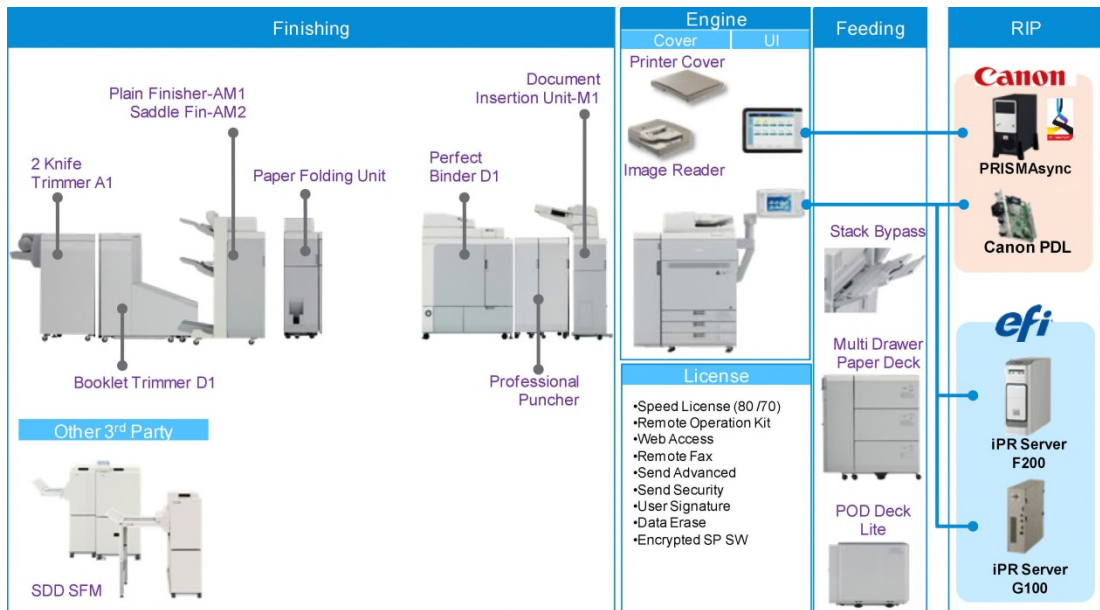
Description	Power Supply	Plug Specifications
imagePRESS C800/C700	Single-phase 208V / 20A outlet	NEMA 6-20
Duplex Color Image Reader-H1	From the Main Unit	N/A
Stack Bypass-B1		
Puncher Unit-BS1	From the Finisher-AM1 or Saddle Finisher-AM2	
Puncher Unit-BT1		
Paper Folding Unit-F1		
Booklet Trimmer-D1		
Perfect Binder-D1	208V / 15A outlet	NEMA 6-15
POD Deck Lite-B1	120V / 15A outlet	NEMA 5-15
Multi-Drawer Paper Deck-B1		
Saddle Finisher-AM2		
Finisher-AM1		
Document Insertion Unit-M1		
Professional Puncher-B1 & Professional Puncher integration Unit-C1 ⁴⁰		
Two-Knife Booklet Trimmer-A1		
imagePRESS Server F200 ⁴¹		
imagePRESS Server G100		
PRISMAsync Controller		
Square Fold Booklet Maker with Two-Knife Trimmer		
Square Fold Booklet Maker		

⁴⁰ The Professional Puncher Integration Unit-C1 is powered from the Professional Puncher-B1

⁴¹ 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 2 – Hardware Configuration Chart



C. Installation Weight & Dimensions

The imagePRESS C800/C700 Series 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 21 – 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
Operation Panel	9.3 lb	4.2 kg
PRISMAsync Controller	35 lb	16 kg
Operator's Attention Light	2.2 lb	1 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
Document Insertion Unit-M1	134 lb	61 kg
Paper Folding Unit-FI	157 lb	71 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
Booklet Trimmer-D1	335 lb	152 kg
Two-Knife Booklet Trimmer-AI	320 lb	145 kg
Perfect Binder-D1 (Including Document Insertion Unit)	697 lb	316 kg
Square Fold Booklet-Maker & Two-Knife Trimmer	573 lb	260 kg
Copy Card Reader-F1(including the attachment kit and cable)	7.1 oz	0.2 kg

Table 22 – 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
Main Unit (When the Duplex Color image Reader Operator Panel and Operator Attention Light are attached)	65.0"	1,650 mm	50.2"	1,275 mm	36.75"	932 mm
PRISMAsync Controller	16.5"	420 mm	7.9"	200 mm	16.9"	430 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 ⁴²	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
Document Insertion Unit-M1	55.4"	1,407 mm	29.4"	746 mm	31.25"	793 mm
Professional Puncher-B1 with Integration Unit	41"	1,040 mm	22"	560 mm	31.2"	792 mm
Perfect Binder-D1	51.25"	1,300 mm	36.38"	922 mm	31.1"	791 mm
Paper Folding Unit-F1	46.9"	1,190 mm	13.25"	336 mm	31.25"	793 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					
Copy Card Reader-F1	1.6"	40 mm	3.5"	88 mm	3.75"	96 mm
Booklet Trimmer-D1	41"	1,040 mm	62"	1,575 mm	30.37"	770 mm
Two Knife Booklet Trimmer-A1	41"	1,040 mm	21.1"	536 mm	30.37"	770 mm
Square Fold Booklet-Maker with Two-Knife Trimmer ⁴³	51"	1,300 mm	62.6"	1,592 mm	27.6"	700 mm
Square Fold Booklet-Maker	45"	1,140 mm	43.3"	1,100 mm	23.6"	600 mm

42 Extension tray shortening

43 Dimensions are with the Square Fold Booklet-Maker Conveyor tray fully extended.

D. Installation Space Requirements

The imagePRESS C800/C700 Series 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).

Note: To service the imagePRESS C800/C700 configured with the Finisher-AM1 or Saddle Finisher-AM2 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/ft² (300 kg/m²). 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.

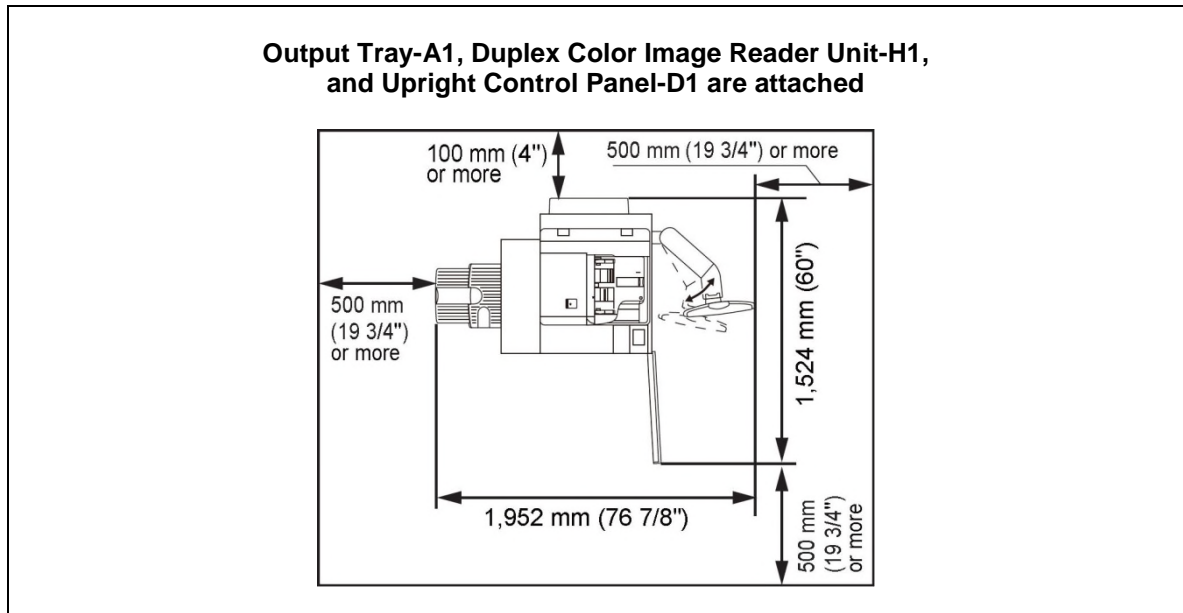
The weight of the machine will be primarily focused on the floor through the adjuster and wheels. We recommend the use of a floor plate to distribute the weight.

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.

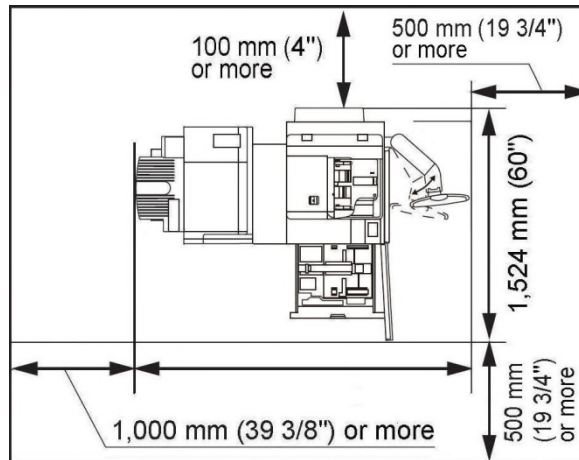
Do not install the machine on an unstable floor or platform.

- Minimum corridor width to navigate turns for the main unit and most accessories is 85.5" (2,170 mm). When the booklet trimmer is attached the minimum corridor width to navigate turns is 88.75" (2,254 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.

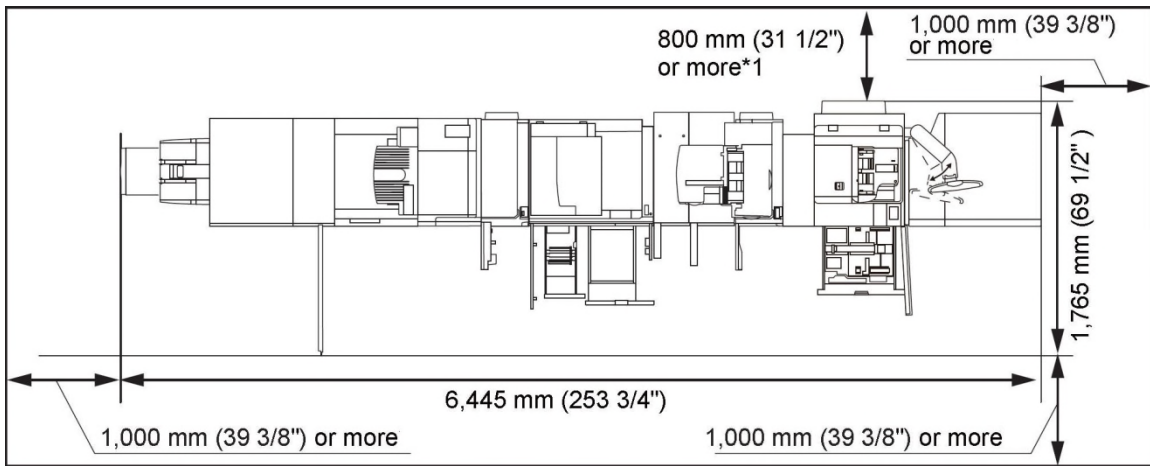
Table 23 – Installation Space



Output Tray-A1, Duplex Color Image Reader Unit-H1, Upright Control Panel-D1, and Saddle Finisher-AM2 are attached



Two-Knife Booklet Trimmer-A1, Booklet Trimmer-D1, Saddle Finisher-AM2, Paper Folding Unit-F1, Perfect Binder-D1, Professional Puncher Integration Unit-C1, Professional Puncher-B1, Document Insertion Unit-M1, 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 up to 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 imageRUNNER ADVANCE C800/C700 Main Unit can take longer than the estimated total times below.

Table 24 – Estimated Installation Times

Estimated Installation Times			
Description	Estimated Unpack Time	Estimated Installation Time	Estimated Total Time
Host machine imagePRESS C800 series	16 minutes	48 minutes	64 minutes
Duplex Color Image Reader Unit-H1	3.3 minutes	8.0 minutes	11.3 minutes
Printer Cover-F1	1.1 minutes	6.4 minutes	7.5 minutes
Stack Bypass-B1	2.3 minutes	5.3 minutes	7.6 minutes
Stack Bypass Alignment Tray-C1	0.9 minutes	3.5 minutes	4.4 minutes
Multi-drawer Paper Deck-B1	7.2 minutes	13.2 minutes	20.4 minutes
Paper Deck Double Feeding Detection Kit-A1	2 minutes	10.4 minutes	12.4 minutes
Finisher-AM1	6.3 minutes	10.4 minutes	16.7 minutes
Saddle Finisher-AM2	7.2 minutes	10.4 minutes	17.6 minutes
POD Deck Lite-B1	2.5 minutes	12.5 minutes	15 minutes
POD Deck Lite Attachment Kit-A1	2.2 minutes	6.9 minutes	9.1 minutes
Puncher Unit- BS1 / Puncher Unit- BT1	2.0 minutes	11.1 minutes	13.1 minutes
External 2 Hole Puncher-C1	7.2 minutes	10.3 minutes	17.5 minutes
Professional Puncher-B1 + Professional Puncher Integration Unit-C1	6.2 minutes	15 minutes	21.2 minutes
Document Insertion Unit-M1	7.2 minutes	7.4 minutes	14.6 minutes
Paper Folding Unit-F1	7.2 minutes	11.6 minutes	18.8 minutes
Booklet Trimmer-D1	7.2 minutes	28 minutes	35.2 minutes
Two-Knife Booklet Trimmer-A1 (Booklet Trimmer-D1 is not installed)	7.2 minutes	9 minutes	16.2 minutes

Table 24 – Estimated Installation Times Continued

Estimated Installation Times			
Description	Estimated Unpack Time	Estimated Installation Time	Estimated Total Time
Two-Knife Booklet Trimmer-A1 (Booklet Trimmer-D1 installed)	7.2 minutes	11 minutes	18.2 minutes
Perfect Binder-D1	8.5 minutes	36.5 minutes	45 minutes
Power Supply Unit-V1	0.8 minutes	2.4 minutes	3.2 minutes
Copy Card Reader-F1 + Copy Card Reader Attachment-A2	3.6 minutes	9.4 min	13 minutes
Auto Gradation Sensor-A1	0.5 minutes	5.6 minutes	6.1 minutes
Removable HDD Kit-B1	2.0 minutes	30.2 minutes	32.2 minutes
Voice Guidance Kit-F1	1.0 minutes	8.9 minutes	18.9 minutes
HDD Data Encryption & Mirroring Kit-C8	1.1 minutes	24.1 minutes	25.2 minutes
USB Device Port-A3	1.3 minutes	5.3 minutes	6.6 minutes
Removable HDD Kit-AB1	2.0 minutes	30.2 minutes	32.2 minutes
Multimedia Reader/Writer-A3	1.3 minutes	5.1 minutes	6.4 minutes
Square Fold Booklet-Maker with Two-Knife Trimmer	N/A	N/A	120 minutes
Square Fold Booklet-Maker	N/A	N/A	120 minutes

F. Recommended System Engineer Requirements

An SE (System Engineer)⁴⁴ 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
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

⁴⁴ 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.

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 C800/C700 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 C800/C700 with the PRISMAsync Controller, imagePRESS Printer Kit or the imagePRESS Server attached.

The optional Remote Diagnostic System ⁴⁵ (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.

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 C800/C700 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.

⁴⁵ 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](#).

- 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 C800/C700 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 C800/C700 devices with the imagePRESS Printer Kit or 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 C800/C700 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 C800/C700 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 C800/C700 devices:

Table 25 – CDS Firmware Delivery Methods

Method		Download Firmware	Install Firmware	Frequency	Cost Savings
	Scheduled Update (at device)	Automatic	Automatic	Recurring periodically	Fully unattended updates after initial one-time setup (less than 5 minutes)
	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
	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 C800/C700 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 C800/C700 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 C800/C700 with the imagePRESS Printer Kit or 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 C800/C800 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 C800/C700 with the imagePRESS Printer Kit or the imagePRESS Server attached.

H. Device Configuration Management

The Device Configuration Manager (DCM) is a standard feature of the imagePRESS C800/C700 series. The DCM can reduce the installation time for new or replacement imagePRESS C800/C700 devices by exporting the user mode and service mode settings of a current imagePRESS C800/C700 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 C800/C700 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 C800/C700 with the imagePRESS Printer Kit or 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 specifications⁴⁶ 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):
 - Microsoft Windows 2000 Server/Professional
 - 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 4.72 or later
- Necessary Cables:
 - High-Speed USB 2.0-compliant cable (as short as possible to avoid connection problems). **Note:** Do not use extension cables.
 - Cross-over Ethernet cable: twisted pair cross cable (in the case of 100Base-Tx, Category 5 or higher)

⁴⁶ Specifications are subject to change without notice.

2. PRISMAsync Controller Firmware

⚠ CAUTION

The parameters of the USB flash drive, used as the USB stick and USB Key, are very specific (see Table 80 – USB Flash Drive Specifications (for the USB Key and USB Stick)). Using a USB flash drive that does not meet these parameters may result in an error when backing up the system or an error during firmware installation.

⚠ WARNING

The USB flash drives used to create a system backup and to install firmware must not be used interchangeably. The preparation process to install firmware requires that the USB flash drive be formatted. Any data on the USB flash drive would be lost. This includes system backup data.

a) PRISMAsync Controller System Backup

A USB flash drive (USB key) is included with the PRISMAsync controller. The USB Key is available to save a back up of the PRISMAsync controller system and licenses.

It is highly recommended that a service technician create a system backup to the USB key after device installation, a major system change or a system upgrade.

A service technician can restore the PRISMAsync controller system and licenses after an upgrade or system failure. The USB key must be kept with the imagePRESS Device.

b) PRISMAsync Controller Firmware Updates

A USB flash drive (USB stick), is available for purchase, to upgrade or restore the PRISMAsync controller firmware. The process to prepare the USB stick, to make it ready to install firmware, formats the USB stick (eliminating all contents) and downloads the new firmware to the USB stick.

During the PRISMAsync Controller firmware update process, the current firmware is erased and replaced by firmware installed from the USB stick. Therefore, it is highly recommended that the service technician/system engineer backup the system using a separate USP Flash drive (the USB key), see System Backup. After the Firmware update, the installed licenses can be restored using the USB key.

Once the USB stick has been used to update firmware on the PRISMAsync controller, it cannot be used again to update firmware until the preparation process has been repeated.

3. imagePRESS Firmware Upgrades Using the Service Support Tool

The SST⁴⁷ (Service Support Tool) (version 4.72 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 C800/C700 Series 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 Monitor⁴⁸ 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 C800/C700 Series. Refer to the Service Manual for complete upgrading procedures.

b) Backup / Restore RAM Data

If replacing and 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.

⁴⁷ Check the e-Support Center Download Center for the most current version of the Service Support Tool

⁴⁸ 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 3 – 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. International License Management System

The PRISMAsync Controller is licensed and activated through the International License Management System (ILMS) server.

To activate the PRISMAsync Controller, the service technician must complete the activation form and e-mail to to XXXX.canon.com. The following information is required:

- The Dealer Order Number
- The License Number for the PRISMAsync Controller
- The PRISMAsync Host ID (MAC address)
- The serial number of the imagePRESS.

L. Content Delivery System Web Site

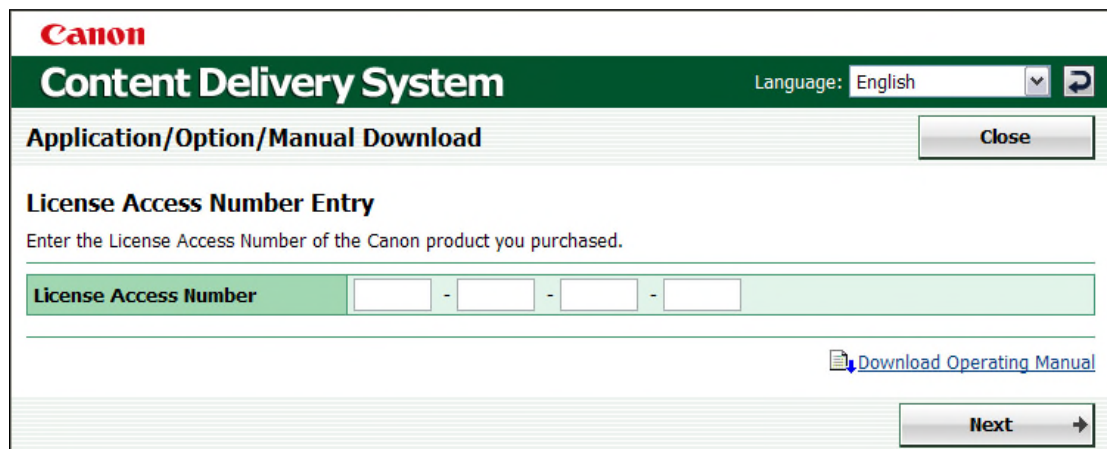
The CDS Web Site enables end-users to download, install, and activate select MEAP applications (.jar and license files) via the imageRUNNER ADVANCE device directly, without the need to go through the LMS and Service Management Service.

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 4 – 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.

M. Hard Disk Drive Handling

The imagePRESS C800/C700 Series 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 an 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.)


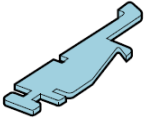
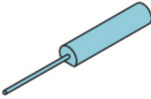
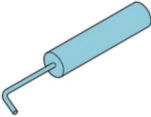

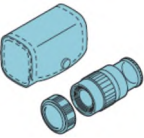
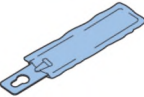


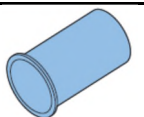
IMPORTANT

If a 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 Series Service Manual* for further details.

N. Special Tools, Solvents & Oils


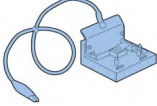
In addition to the standard tools used to service these devices, the following special tools should also be carried by a service technician, according to the tool's rank. For more information on the special tools, solvents, and oils below, see the imagePRESS C800/C700 Series Service Manual.

Table 26 – 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 26 – 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.

O. Solvents and Oils

Table 27 – Solvents and Oils

Name	Uses	Item Number ³	Remarks
Alcohol	Cleaning;		<ul style="list-style-type: none"> 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.

P. 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 28 – Toner

Item	Item Number ³	Quantity	Estimated Life ⁴⁹	Remarks
T01 Black	8066B001AA	1	56,000 pages	8.50% Toner Coverage.
T01 Cyan	8067B001AA	1	39,500 pages	
T01 Magenta	8068B001AA	1	39,500 pages	
T01 Yellow	8069B001AA	1	39,500 pages	

³ Part numbers are subject to change without notice.

Table 29 – D01 Drum

Item	Item Number ³	Quantity	Estimated Life ⁴⁹ (copies/prints)		Remarks
			imagePRESS C800 ⁵⁰	imagePRESS C700 ⁵¹	
D01 Black Drum	8064B001AA	1	1,030,000	890,000	
D01 Color Drum	8065B001AA	1	490,000	420,000	

³ Part numbers are subject to change without notice.

⁴⁹ 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..

⁵⁰ Based on 45,000 Monthly Volume, 80% Color Ratio, 0% Large Ratio, 0% Heavy Paper Ratio, and a Job length of: 50 sheets.

⁵¹ Based on 35,000 Monthly Volume, 80% Color Ratio, 0% Large Ratio, 0% Heavy Paper Ratio, and a Job length of: 50 sheets.

Q. 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 30 – Main Unit Consumable Parts

Main Unit Consumable Parts						
Item	Item Number ³	Quantity	imagePRESS	Estimated Life ⁴⁹ (copies/prints)		Remarks
				LTR	@ 50% 11”x17”	
Developing Assembly (Y)	FM1-C714-000	1	All	750,000 pages	500,000 pages	
Developing Assembly (M)	FM1-C715-000	1	All	750,000 pages	500,000 pages	
Developing Assembly (C)	FM1-C716-000	1	All	750,000 pages	500,000 pages	
Developing Assembly (Bk)	FM1-C717-000	1	All	750,000 pages	500,000 pages	
Drum Cleaning Blade (Bk)	FC8-2281-000	1	C800	1,030,000 pages	690,000 pages	
			C700	890,000 pages	590,000 pages	
Drum Cleaning Scoop-up Sheet (Bk)	FL2-8652-000	1	C800	1,030,000 pages	690,000 pages	
			C700	890,000 pages	590,000 pages	
Edge Scraper 1 (Bk)	FL2-8653-000	1	C800	1,030,000 pages	690,000 pages	
			C700	890,000 pages	590,000 pages	
Edge Scraper 2 (Bk)	FL2-8654-000	1	C800	1,030,000 Pages	690,000 pages	
			C700	890,000 pages	590,000 pages	
ITB	FM1-D410-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	

³ Part numbers are subject to change without notice.

⁴⁹ 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 30 – Main Unit Consumable Parts Continued

Main Unit Consumable Parts						
Item	Item Number ³	Quantity	imagePRESS	Estimated Life ⁴⁹ (copies/prints)		Remarks
				LTR	@ 50% 11"x17"	
Transfer Cleaning Unit	FM1-C653-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
Primary Transfer Roller (Y/M/C)	FC0-9785-000	3	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
Primary Transfer Roller (Bk)	FE2-0170-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
Secondary Transfer Inner Roller	FC7-9325-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
Secondary Transfer Outer Roller	FC0-9786-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
Secondary Transfer Static Eliminator	FM0-1535-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
ITB Inner Scraper	FL0-1877-000	1	C800	900,000 pages	600,000 pages	
			C700	750,000 pages	500,000 pages	
Cassette 1 Pickup Roller	FL0-4500-000	1	All	600,000 sheets	400,000 sheets	
Cassettes 1 Feed Roller	FC0-9450-000	1	All	1,000,000 sheets	666,667 sheets	
Cassette 1 Separation Roller	FC0-9631-000	1	All	1,000,000 sheets	666,667 sheets	
Cassettes 2 Pickup Roller	FL0-4500-000	1	All	600,000 sheets	400,000 sheets	
Cassettes 2 Separation Roller	FC0-9631-000	1	All	1,000,000 sheets	666,667 sheets	
Cassettes 2 Feed Roller	FC0-9450-000	1	All	1,000,000 sheets	666,667 sheets	
Cassettes 3 Pickup Roller	FL0-4500-000	1	All	600,000 sheets	400,000 sheets	
Cassettes 3 Separation Roller	FC0-9631-000	1	All	1,000,000 sheets	666,667 sheets	
Cassettes 3 Feed Roller	FC0-9450-000	1	All	1,000,000 sheets	666,667 sheets	

³ Part numbers are subject to change without notice.

⁴⁹ 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 30 – Main Unit Consumable Parts Continued

Main Unit Consumable Parts						
Item	Item Number ³	Quantity	imagePRESS	Estimated Life ⁴⁹ (copies/prints)		Remarks
				LTR	@ 50% 11"x17"	
Multi-purpose Tray Pickup Roller	FM1-C758-000	1	All	120,000 sheets	80,000 sheets	
Multi-purpose Tray Separation Roller	FC6-6661-000	1	All	120,000 sheets	80,000 sheets	
Fixing Belt Unit	FM1-C721-000	1	C800	600,000 pages	400,000 pages	May change depending on the Heavy Paper Usage
			C700	500,000 pages	330,000 pages	
Pressure Belt Unit	FM1-C722-000	1	C800	600,000 pages	400,000 pages	
			C700	500,000 pages	330,000 pages	
Waste Toner Container	FM0-4910-000	1	All	300,000 sheets	300,000 sheets	Condition 8.5 % Duty, LTR, full color 100% * Reuse

³ Part numbers are subject to change without notice.

⁴⁹ 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 – Duplex Color Image reader-H1 Consumable Parts

Duplex Color Image reader-H1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (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.

Table 32 – POD Deck Lite-B1 Consumable Parts

POD Deck Lite-B1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (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.

⁵² Estimated Yield is based on LTR paper

⁵² Estimated Yield is based on LTR paper

Table 33 – 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 ⁴⁹)	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.

⁴⁹ 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 34 – Document Insertion Unit-M1 Consumable Parts

Document Insertion Unit-M1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (copies/prints)	Remarks
Upper tray pickup roller	4A3-3870-000	2	100,000 sheets	
Upper tray separation roller	4A3-3868-000	1	100,000 sheets	
Upper tray feed roller	4A3-3869-000	1	100,000 sheets	
Upper tray torque limiter	4A3-3888-000	1	1,000,000 sheets	
Upper tray registration clutch	4H3-0290-000	1	1,000,000 times	
Lower tray pickup roller	4A3-3870-000	2	100,000 sheets	
Lower tray separation roller	4A3-3868-000	1	100,000 sheets	
Lower tray feed roller	4A3-3869-000	1	100,000 sheets	
Lower tray torque limiter	4A3-3888-000	1	1,000,000 sheets	

³ Part numbers are subject to change without notice.

⁵² Estimated Yield is based on LTR paper

Table 35 – Finisher-AM1 /Saddle Finisher-AM2 Consumable Parts

Finisher-AM1 /Saddle Finisher-AM2 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (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	2	100,000 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.

Table 36 – Paper Folding Unit-F1

Paper Folding Unit-F1 Consumable Parts List				
Description	Item Number ³	Quantity	Estimated Life (copies/prints ⁴⁹)	Remarks
Through-feed inlet antistatic needle	FL3-3406-000	2	6,000,000 pages	
Through-feed outlet antistatic needle	FL3-3418 -000	2	6,000,000 pages	
Folding front lower roller clutch 1	FK2-4588-000	1	1,000,000 times	
Folding front lower roller clutch 2	FK2-4588-000	1	1,000,000 times	
Folding/spacing solenoid	FM4-4117-000	1	1,000,000 times	
Through/folding branching fapper solenoid	FM3-2307-000	1	2,000,000 times	
C-fold stopper solenoid	FK2-4587-000	1	3,000,000 times	
C-fold tray branching solenoid	FM3-2290-000	1	3,000,000 times	

³ Part numbers are subject to change without notice.

⁴⁹ 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 – Perfect Binder-B1 Consumable Parts

Perfect Binder-B1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (copies/prints)	Remarks
Static eliminator (Signature delivery assembly)	4A3-2770-000	2	2,000,000 pages	
	4A3-3512-000	2		
Switchback roller (Stacking tray assembly)	FC9-2351-000	2	1,000,000 pages	
Stack thickness volume sensor	412-2661-000	1	50,000 times	Number of bookbindings
Gripper motor (front/rear)	4H3-0382-000	2	100,000 times	
Glue vat unit	4G3-1133-000	1	2,000 hours	
Corrugation roller	4G3-1167-000	5	1,000,000 pages	
	4G3-1168-000			
Trimming blade	4Y8-3057-000	1	40,000 times	Number of trimming operations
Trimming blade plate	FM1-B633-000	1	11,000 times	Number of trimming operations
Static eliminator (Stacking tray assembly)	4G3-1143-000	1	2,000,000 pages	
Static eliminator (Cover transport assembly)	4A1-8890-000	2	2,000,000 pages	
	4A3-3510-000	1		
	4A3-3452-000	2		
	4A1-8890-000	2		
Switchback roller (Cover transport assembly)	4A3-2846-000	2	1,000,000 pages	
Deodorizing filters/sheets	FC6-4242-000	3	1,000,000 sheets	
	4A3-3521-000	2		
	4Y3-0017-000	1		
Trail edge retaining roller	4A3-3423-000	4	1,000,000 pages	
	4A3-3424-000	2		
Torque diode (Stack rotation assembly)	4F3-0589-000	1	50,000 times	Number of bookbindings
Torque limiter (Cover transport assembly)	FL3-1552-000	1	1,000,000 times	
Torque limiter (Stack rotation assembly)	XG9-0583-000	1	50,000 times	
Flapper (Stack rotation assembly)	FL2-9852-000	1	13,000 times	
Waste paper wiper plate	4F3-0592-000	1	40,000 times	Number of trimming operations
Waste paper buffer shift motor	4G3-2004-000	1	50,000 times	Number of bookbindings

³ Part numbers are subject to change without notice.

⁵² Estimated Yield is based on LTR paper

Table 38 – Booklet Trimmer-D1 Consumable Parts

Booklet Trimmer-D1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (copies/prints)	Remarks
Trimming upper blade unit	FC3-4391-000	1	500,000 sets	Actual use in terms of number of prints
Trimming lower blade	FC3-3043-000	1	500,000 sets	

³ Part numbers are subject to change without notice.

⁵² Estimated Yield is based on LTR paper

Table 39 – Two-Knife Booklet Trimmer-A1 Consumable Parts List

Two Knife Booklet Trimmer-A1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (copies/prints)	Remarks
Front upper blade	FC3-6269-000	1	500,000 sets	Actual use in terms of number of prints.
Rear upper blade	FC3-6270-000	1	500,000 sets	
Lower blade	FC3-6394-000	2	500,000 sets	

³ Part numbers are subject to change without notice.

⁵² Estimated Yield is based on LTR paper

Table 40 – Professional Puncher-C1 Consumable Parts List

Professional Puncher-B1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (copies/prints)	Remarks
Back gage assembly	FC3-6647-000	1	3,000,000	Replacement

³ Part numbers are subject to change without notice.

⁵² Estimated Yield is based on LTR paper

Table 41 – Professional Puncher Integration Unit-A1 Consumable Parts List

Professional Puncher Integration Unit-A1 Consumable Parts				
Item	Item Number ³	Quantity	Estimated Yield ⁵² (copies/prints)	Remarks
Static eliminator	FC8-1584-000	1	1,000,000	

³ Part numbers are subject to change without notice.

⁵² Estimated Yield is based on LTR paper

R. 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 42 – Main Unit Fixing Assembly

Main Unit Fixing Assembly								
Item	Item Number ³	Quantity	Components	imagePRESS	Estimated Life ⁴⁹ (copies/prints)		Remarks	
					LTR	@ 50% 11"x17"		
Main Unit Fixing Assembly	FM1-C719-000	1	Fixing Belt Unit FM1-C721-000	C800	600,000 pages	400,000 pages	May change depending on the Heavy Paper Usage	
				C700	500,000 pages	330,000 pages		
			Pressure Belt Unit FM1-C722-000	C800	600,000 pages	400,000 pages		
				C700	500,000 pages	330,000 pages		
			Pressure Sub Thermistor (Rear) FK2-7870-000	C800	1,200,000	800,000		
				C700	1,000,000	666,667		
			Pressure Sub Thermistor (Front) FK2-7871-000	C800	1,200,000	800,000		
				C700	1,000,000	666,667		

³ Part numbers are subject to change without notice.

⁴⁹ 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.

S. 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 43 – Main Unit Periodic Replacement Parts

Main Unit Periodically Replaced Parts						
Item	Item Number ³	Quantity	imagePRESS	Estimated Yield (copies/prints)		Remarks
				LTR	@ 50% 11"x17"	
Fixing Dustproof Filter	FL3-7553-000	1	All	600,000	400,000	100% Color Ratio 8.5% image Duty
Ozone Filter	FL3-4101-000	2	All	600,000	400,000	
Primary Charging Dustproof Filter	FL2-0439-000	1	All	600,000	400,000	
Primary Charging Wire	FL2-8915-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Primary Charging Wire Cleaning Pad Slider	FL2-7750-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Primary Charging Wire Cleaning Pad Holder	FL3-7560-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Pre-transfer Charging Wire	FL2-8807-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Pre-transfer Charging Wire Cleaning Pad Slider	FL2-7750-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Pre-transfer Charging Wire Cleaning Pad Holder	FL3-7560-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Grid Plate	FC0-9857-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Grid Cleaning Pad	FL3-4090-000	1	C800	600,000	400,000	
			C700	500,000	352,060	
Primary Charging Assembly	FM0-1540-000	1	C800	1,200,000	800,000	
			C700	1,000,000	704,119	
Pre-transfer Charging Assembly	FM0-1464-000	1	C800	1,200,000	800,000	
			C700	1,000,000	704,119	
Pressure Sub Thermistor (Rear)	FK2-7870-000	1	C800	1,200,000	800,000	
			C700	1,000,000	666,667	
Pressure Sub Thermistor (Front)	FK2-7871-000	1	C800	1,200,000	800,000	
			C700	1,000,000	666,667	

³ Part numbers are subject to change without notice.

T. 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 44 – Periodic Maintenance Items

Periodic Maintenance Items (Based on LTR Paper)				
△ Clean		x Lubricate		□ Adjust
item	Interval (pages) ⁵³		Action	Remarks
	imagePRESS C800	imagePRESS C700		
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	600,000	500,000	△	Clean it with alcohol and lint-free paper when replacing the Primary Charging Wire.
Pre-transfer Shield Plate	600,000	500,000	△	Clean it with alcohol and lint-free paper when replacing the Pre-transfer Charging Wire.
Pre-transfer Upper Duct	600,000	500,000	△	Clean it with alcohol and lint-free paper
Drum Patch Sensor (Bk)	1,030,000	890,000	△	Clean it in the single direction with wet and tightly-wrung cotton swab when replacing the Drum (Bk).
Drum Patch Sensor Cover (Bk)	1,030,000	890,000	△	Clean it with wet and tightly-wrung lint-free paper when replacing the Drum (Bk).
Registration Patch Sensor Unit	300,000	250,000	△	Clean it in the single direction with wet and tightly-wrung cotton swab.
Drum Sliding Shaft Support	900,000	750,000	x/△	Clean it and apply grease (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	600,000	△	Clean the groove under the roller with alcohol and lint-free paper when replacing the Secondary Transfer Outer Roller.

⁵³ 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 44 – Periodic Maintenance Items Continued

Periodic Maintenance Items (Based on LTR Paper)				
△ Clean		x Lubricate		□ Adjust
item	Interval (pages) ⁵³		Action	Remarks
	imagePRESS C800	imagePRESS C700		
Post-secondary Transfer Sensor	300,000		△	Clean it with a blower brush.
Pre-fixing Feed Belt	300,000		△	Clean it with alcohol and lint-free paper
Secondary Transfer Static Eliminator	300,000		△	
Post-secondary Transfer Guide	300,000		△	
ITB Drive Roller	As needed basis		△	
ITB Steering Roller	As needed basis		△	Clean it with alcohol and lint-free paper when replacing the ITB, Primary Transfer Roller, or Secondary Transfer Inner Roller.
ITB Inner Scraper	As needed basis		△	
ITB Idler Roller A	As needed basis		△	
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		△	
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	600,000	500,000	x	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	600,000	500,000	x	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	600,000	500,000	x	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	600,000	500,000	△	Clean it with dry lint-free paper when replacing the Pressure Belt Unit.
Fixing Inlet Guide, Fixing Inlet Sensor Flag	As needed basis		△	Clean it with alcohol and lint-free paper
Inner Delivery Unit Separation Plate	As needed basis		△	
Feed Roller (Vertical path)	300,000		△	
Slave Roller (Vertical path)	300,000		△	
Decurler Guide	300,000		△	
Decurler Roller 1	300,000		△	
Decurler Roller 2	300,000		△	

53 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 44 – Periodic Maintenance Items Continued

Periodic Maintenance Items (Based on LTR Paper)				
△ Clean		x Lubricate		□ Adjust
item	Interval (pages) ⁵³		Action	Remarks
	imagePRESS C800	imagePRESS C700		
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

⁵³ 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.

U. Soft Counter

The imagePRESS C800/C700 Series 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 C800/C700 displays six (6) counters on the counter status check screen.

The Table below indicates the default counter configurations of the imagePRESS C800/C700 Series on the counter status check screen.

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

Table 45 – 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.

V. 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 C800/C700 device is directly related to the number of counters available.

IX. Suggested End-User Customer Service Offerings

A. 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 46 – Monthly Copy Volume

Model	Optimum Performance Range (based on LTR sized paper)	Maximum Monthly Volume (based on LTR sized paper)
imagePRESS C800	Approximately 40,000 to 100,000	Up to 500,000
imagePRESS C700	Approximately 30,000 to 80,000	Up to 400,000

Table 47 – 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.

B. 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 [Canon imagePRESS C800/C700 Series Limited Warranty, page 121](#).

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

2. D01 Drum Limited Warranty

Table 48 – 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 C800/C700 Series 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 5.

Figure 5 – e-Support: Flat-Rate Program

support center Canon
ENGINEERING SERVICES
& SOLUTIONS DIVISION

Home | Tech Support | Field Support | Training | ATSP | **Warranty** | Video | Communication Center | Major Accounts | Management Center

Info Center | Flat-Rate Program | e-Tag | Part Repair Facilities | Refurbished Subassembly Program | ASCR | Product Advisories

Flat-Rate Program

Once per month, Canon's Systems & Technical Support Division issues credit under the Flat-Rate warranty program to cover the cost of defective parts and drums with a dealer cost under \$300.

No documentation or part/drum returns are required in order to receive the monthly Flat-Rate credit. This credit is calculated using purchases of machines, accessories and drums from the previous month. For example, May 2012 represents credit for purchases made in April 2012.

Product shipments to dealers of National Account and Government Marketing Division placements are treated as if the dealer had purchased the machine. They are added to the total number of wholesale purchases the dealer made.

The Flat-Rate Program applies to full-line dealers of imagePRESS (IP), imageRUNNER (IR), Color imageRUNNER (CIR), imageRUNNER ADVANCE (IR ADV), Color imageRUNNER ADVANCE (CIR ADV) and Oce VarioPrint products.

To view on-line Flat-Rate warranty credits, log onto the ISG Central website at www.isgcentral.cusa.canon.com. Go to the Canon Network Access (CNA) site and select Warranty Credit Inquiry -> Flat Rate Warranty Reimbursement.

Flat-Rate Program Links

- Flat-Rate Warranty Reimbursement Program Changes 08/06/09 (PDF: 124KB)
- FAQ's Viewing Flat-Rate Credits on CNA 05/30/08 (PDF: 24KB)

Flat-Rate Reference Table

Covered Products

- imagePRESS (IP)
- Monochrome (IR)
- Business Color (CIR)
- imageRUNNER ADVANCE (IR ADV)
- imagePASS A1, B1, B2, C1, C2, D1, E1, G1, H1, J1
- imagePRESS Server T1

Non-Covered Products

- Facsimile
- ImageCLASS
- Micrographics/DR Scanners/imageFORMULA
- imagePROGRAF
- imagePASS L-1, M-1, M-2, M-3, S-1, S-2, U-1, U-2
- ColorPASS, GX-100, GX-200, GX-300, GX-400
- imagePRESS Server Q1, Q2, A1100, A2000, A2100, A3000, A3100, A3200, J100, J200
- imagePRESS Creo Server A7000, A7500

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 6 – e-Support: Authorized Parts Repair Facilities](#) for more details.

Table 49 – Authorized Part Repair Facilities

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

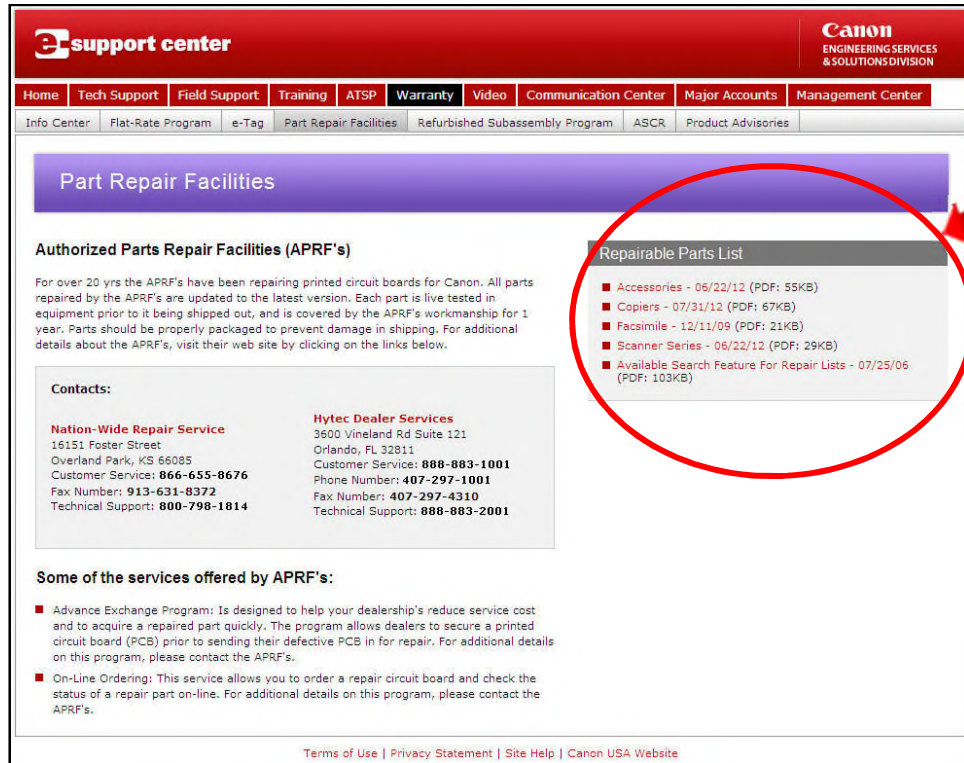
Repairable parts (under warranty) are repaired free-of-charge by the APRFs. Usually, the turnaround time is approximately five (5) business days. Once repaired and tested, the parts are shipped back to your dealership via UPS Ground.

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 6 – 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 7 – e-Support: e-Tag

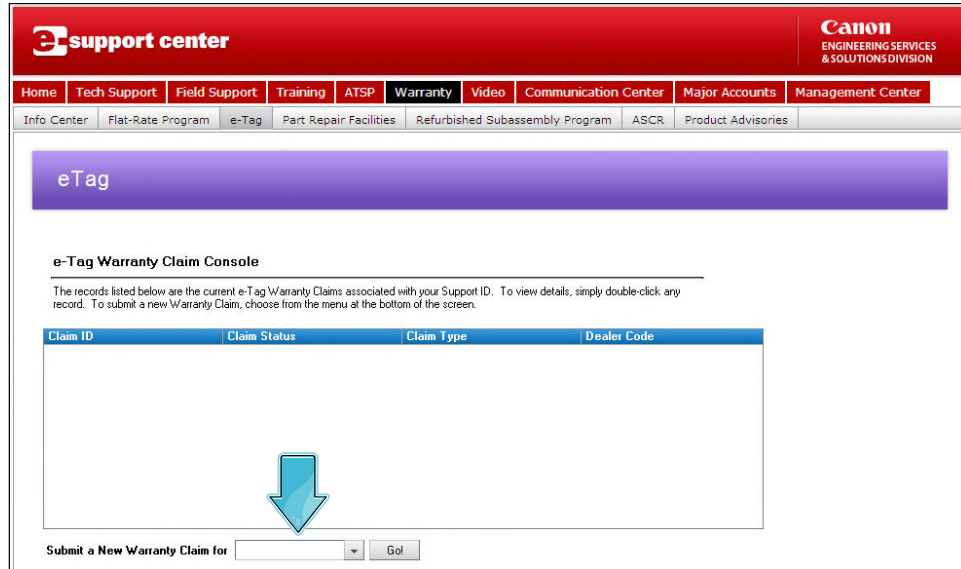
The screenshot shows the Canon e-Support Center website. At the top, there is a red header with the 'e-support center' logo and the Canon logo with 'ENGINEERING SERVICES & SOLUTIONS DIVISION'. Below the header is a navigation menu with links: Home, Tech Support, Field Support, Training, ATSP, Warranty, Video, Communication Center, Major Accounts, and Management Center. A secondary menu includes: Info Center, Flat-Rate Program, e-Tag, Part Repair Facilities, Refurbished Subassembly Program, ASCR, and Product Advisories.

The main content area has a purple header with 'e-Tag'. Below this, there is a section titled 'What is e-Tag?' with a small image of the e-Tag form. The text explains that the Warranty Control Section is dedicated to improving the warranty claims process. To the right of this section is a 'Get The Guide!' box with two links: 'e-Tag FAQ's - 11/09/07 (PDF: 22KB)' and 'FAQ's Viewing e-Tag Credits on CNA - 11/09/07 (PDF: 14KB)'. Below that is an 'Attention!' box with two important notices: one stating that e-Tag is not for PC Copier claims and another directing users to the ISG Central website for e-Tag warranty credits. At the bottom of the main content area, there is a red link that says 'Click here to start your e-Tag Warranty Claim now!' with a blue arrow pointing to it.

At the bottom of the page, there are links for 'Terms of Use', 'Privacy Statement', 'Site Help', and 'Canon USA Website'.

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 8 – 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 9 – 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 10 – CNA: Warranty Credit Inquiry



Figure 11 – 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 8 – 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 12 – 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 13 – CNA: Warranty Credit Inquiry



Figure 14 – CNA: Flat-Rate Warranty Reimbursement Search



C. 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 options⁵⁴ currently offered include:

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

Table 50 – 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 ⁵⁵	7:00 PM – 9:00 AM Eastern Standard Time	24 / 7 Call Center	800-263-9271
Saturday – Sunday ⁵⁵ All National Holidays	24 Hours		

⁵⁴ Shipment options are subject to change

⁵⁵ 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.

D. 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.

E. Suggested Maintenance Agreement Rates for Accessories

Table 51 – Suggested Maintenance Agreement Rates for Accessories

Accessory		Suggested Annual Fees
Stack Bypass-B1 (Incl. Stack Bypass Tray-C1)		\$50.00
Multi Drawer Paper Deck-B1		\$520.00
POD Deck Lite-B1		\$200.00
Finisher-AM1		\$650.00
Saddle Finisher-AM2		\$820.00
Puncher Unit-BS1(2/3H)		\$45.00
Puncher Unit-BT1(2/F4H)		\$45.00
Perfect Binder-C1		\$2,510.00
Paper Folding Unit-F1		\$750.00
Booklet Trimmer-D1		\$720.00
Two-knife Trimmer-A1		\$2,250.00
Document Insertion Unit-M1		\$260.00
Square Fold Booklet Maker		\$750.00
Square Fold Booklet Maker with Two-Knife Trimmer		\$1,830.00
Voice Guidance Kit-F2		\$40
Web Access Software-H1		\$40
Professional Puncher-B1 (With Integration unit-A1)		\$750
Die for Professional Puncher-B1	Plastic Comb 19-Hole Punch LTR-A156	\$65
	Twin Loop 21-Hole Punch LTR-A156	\$65
	Twin Loop 32-Hole Punch LTR-A156	\$65
	Color Coil 44-Hole Punch LTR-A156	\$65
	Velo Bind 11-Hole Punch LTR-A156	\$65
	Loose Leaf 3-Hole Punch LTR-A156	\$65
	Loose Leaf 5-Hole Punch LTR-A156	\$65
	Pro Click 32-Hole Punch LTR-A156	\$65
	High Durability Plastic Comb 19- Hole Punch LTR-A1 ⁵⁶	\$65
	High Durability Color Coil 44-Hole Punch LTR-A1 ⁵⁶	\$65
	High Durability Loose Leaf 3-Hole Punch LTR-A1 ⁵⁶	\$65
Square Fold Booklet-Maker		\$750.00
Square Fold Booklet-Maker with Two-Knife Trimmer		\$1,830.00

⁵⁶ The suggested annual fees consider the cost required to perform maintenance on these parts in accordance with the scheduled maintenance details in the Professional Puncher-B1 Service Manual¹. They do not include the cost of supplying replacements for these consumable (merchandise) parts.

F. Service Revenue/Profit Calculator

The imagePRESS C800/C700 Service Revenue/Profit Calculator is a Microsoft Excel Spreadsheet developed by Canon USA to enable our dealerships to estimate revenue and costs for the imagePRESS C800/C700 Series, based on dealer pricing data. By using this calculator, a dealer may adjust the maintenance agreement rates to reflect their own specific costs and needs.

The imagePRESS C800/C700 Service Revenue/Profit Calculator worksheet is available on the Canon USA [ISG Central Web Site](#) in the Engineering Services and Solutions tab. This worksheet may only be downloaded by Management staff of an Authorized Dealer that has access to this area of ISG Central.

If you experience any problems downloading the imagePRESS C800/C700 Service Revenue/Profit Calculator from the [ISG Central Web Site](#) then contact Canon USA via email at ServicePlanning@cusa.canon.com.

X. 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.

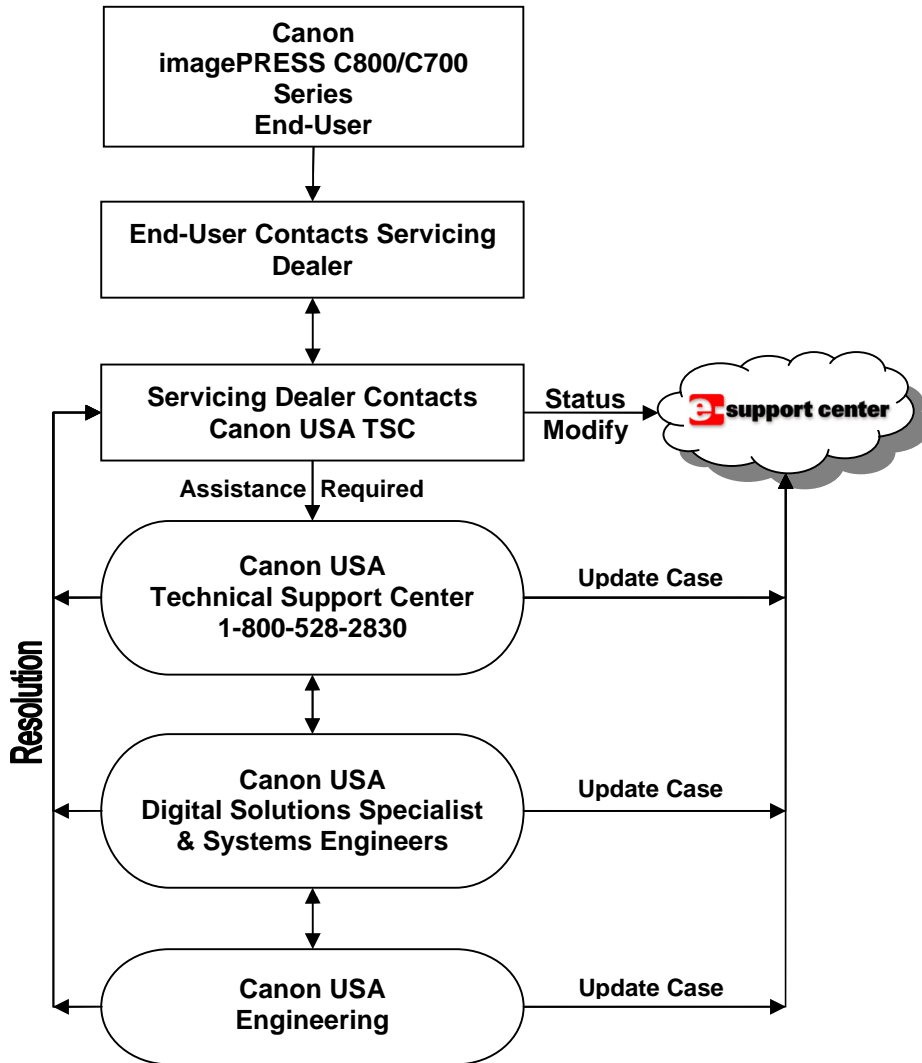
1. Canon USA Technical Support Center

Canon USA provides a time sensitive call escalation process for all authorized imagePRESS C800/C700 Series 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 15 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 15 – Canon USA Support Escalation Flow Chart



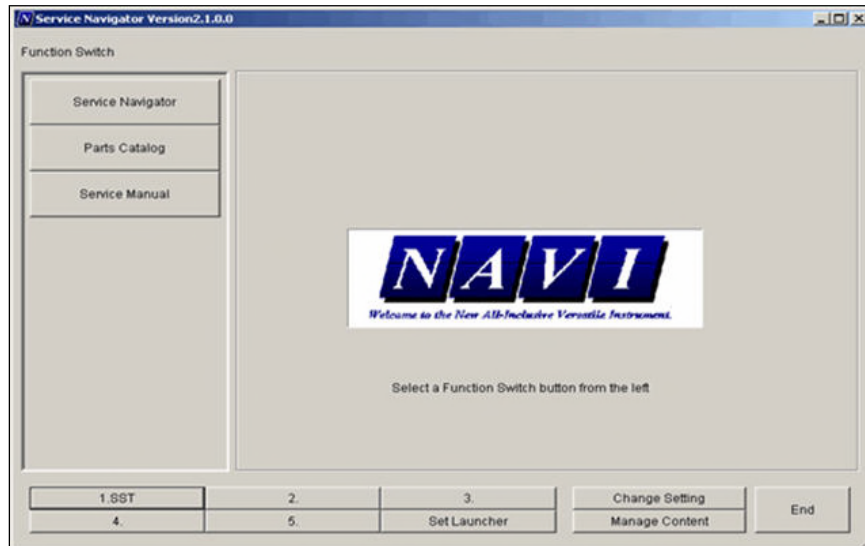
2. NAVI

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 16 – NAVI: Login Screen



Figure 17 – 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

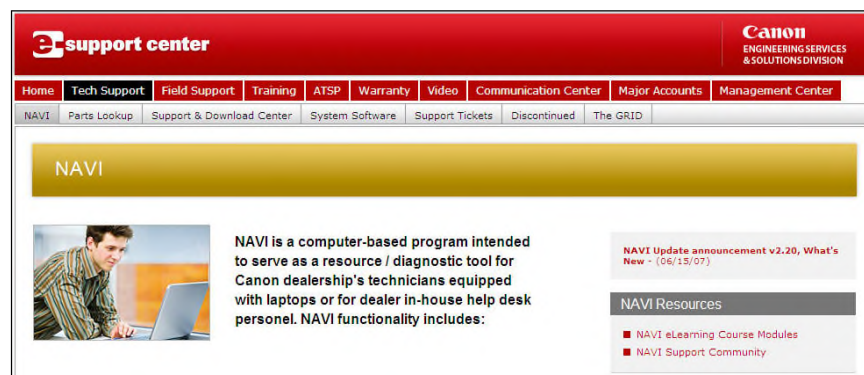
d) Updates

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 18 – 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.

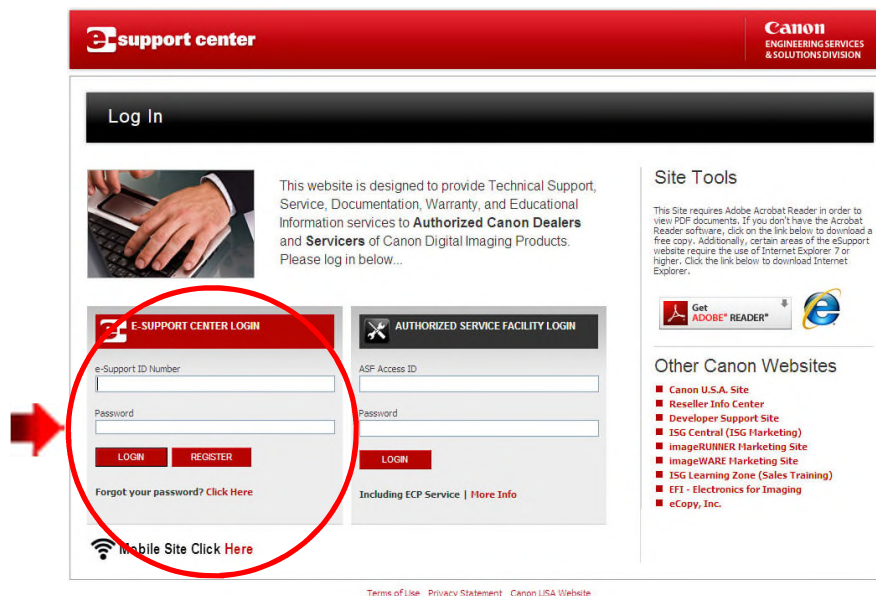
Canon USA's e-Support is designed to provide Systems Engineers and Technicians access to technical support information via the Worldwide Web.

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 19 – e-Support: Login Screen

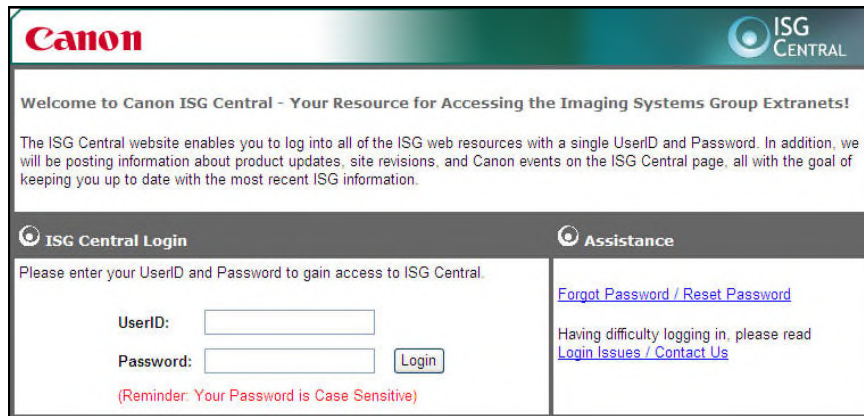


b) Canon USA’s ISG Central Web Site

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 20 – 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 21 – ISG Central: Systems and Technical Support Web Page

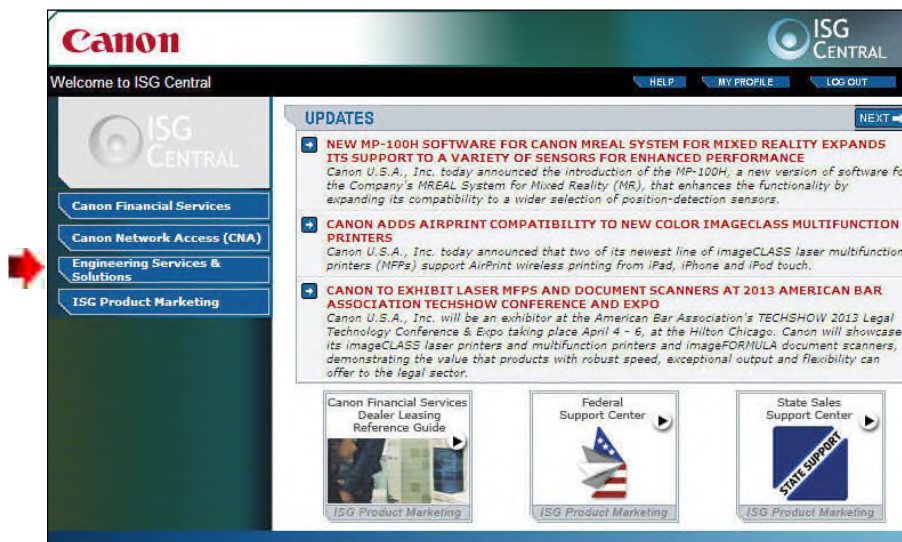
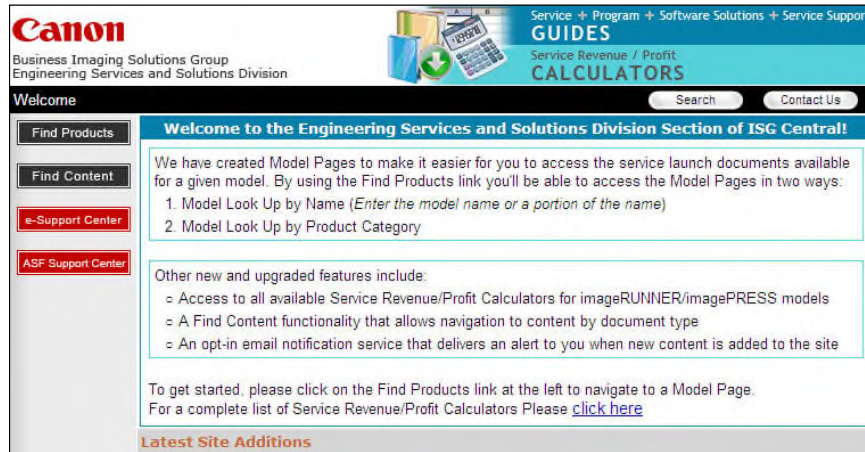


Figure 22 – ISG Central: Engineering Services and Solutions Service Guides Area



XI. Appendix

A. Registered Paper Types and Weight

Table 52 – 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/m ² to 128 g/m ²)
Matte Coated 2	85 lb text to 100 lb text (129 g/m ² to 150 g/m ²)
Matte Coated 3	56 lb cover to 67 lb cover (151 g/m ² to 180 g/m ²)
Matte Coated 4	67 lb cover to 81 lb cover (181 g/m ² to 220 g/m ²)
Matte Coated 5	81 lb cover to 94 lb cover (221 g/m ² to 256 g/m ²)
Matte Coated 6	94 lb cover to 110 lb cover (257 g/m ² to 300 g/m ²)

Table 52 – 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 53 – imagePRESS C800/C700 Specifications

Item	imagePRESS C800	imagePRESS C700
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))	
Paper Weight	14 lb bond to 80 lb cover (52 g/m ² to 220 g/m ²)	
Paper Type ⁵⁷	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 ⁵⁸ , 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 ⁵⁹	After Power on: up to 6 minutes ⁶⁰ 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)	
Weight	Approximately 697 lb (316 kg)	

57 Reference [Registered Paper Types and Weight](#) for the available paper weights.

58 Textured paper greater than 221g/m² is not supported.

59 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.)

60 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 54 – imagePRESS C800/C700 Print/Copy Speeds

Paper Size ⁶¹	imagePRESS		
	C800	C700	Manual Feed from the Stack Bypass-B1
13" x 19"	Up to 38 ppm	Up to 33 ppm	Up to 24 ppm
12 5/8" x 17 3/4"	Up to 40 ppm	Up to 35 ppm	Up to 25 ppm
12" x 18"	Up to 40 ppm	Up to 35 ppm	Up to 25 ppm
11" x 17"	Up to 40 ppm	Up to 35 ppm	Up to 29 ppm
LGL	Up to 46 ppm	Up to 41 ppm	Up to 32 ppm
LTR	Up to 80 ppm	Up to 70 ppm	Up to 54 ppm
LTRR	Up to 66 ppm	Up to 58 ppm	Up to 40 ppm
STMR	Up to 80 ppm	Up to 70 ppm	Up to 54 ppm

⁶¹ 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 55 – 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 ⁶²	Copying: 1-sided scanning: 120 sheets/minute ⁶³ (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) ⁶³ (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) ⁶³ (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)

62 The scanning speed may vary, depending on the scanning mode and original type.

63 When "Speed Priority" mode is selected.

Table 56 – POD DeckLite-B1 Specifications

POD Deck-Lite-B1	
Item	Specification
Paper Size ⁶⁴	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 ⁵⁷	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 ^{65 66}
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)

⁵⁷ Reference Registered Paper Types and Weight for the available paper weights.

Table 57 – 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 ⁵⁷	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 (HxWxD)	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 (WxD)	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)

⁵⁷ Reference Registered Paper Types and Weight for the available paper weights.

64 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.

65 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"

66 10" x 13" envelopes can be used without the Envelope Feeder Attachment-G1

Table 58 – 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 ⁶⁵
Paper Weight	14 lb bond to 110 lb cover (52 g/m ² to 300 g/m ²)
Paper Type ⁵⁷	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

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

65 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 59 – 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 ⁶⁵
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 ⁵⁷	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)

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

65 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 60 – 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 61 – 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 62 – 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 63 – 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 ⁵⁷	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)

⁵⁷ Reference Registered Paper Types and Weight for the available paper weights.

Table 64 – 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 ⁵⁷	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)

⁵⁷ Reference Registered Paper Types and Weight for the available paper weights.

Table 65 – Paper Folding Unit-F1

Paper Folding Unit-F1	
Item	Specification
Paper Size	Z-Fold: LTRR, LGL, and 11" x 17" C-Fold: LTRR Accordion Z-Fold: LTRR Double Parallel Fold: LTRR and LGL Half Fold: LTRR
Paper Weight	Z-Fold: 14 lb bond to 28 lb bond (52 g/m ² to 105 g/m ²) C-Fold: 14 lb bond to 28 lb bond (52 g/m ² to 105 g/m ²) Accordion Z-Fold: 14 lb bond to 28 lb bond (52 g/m ² to 105 g/m ²) Double Parallel Fold: 14 lb bond to 24 lb bond (52 g/m ² to 90 g/m ²) Half Fold: 14 lb bond to 28 lb bond (52 g/m ² to 105 g/m ²)
Paper Type ⁵⁷	Thin 2, Thin1, Plain 1, Plain 2, Color, Recycled, and Coated
Power Requirement	From the finisher
Maximum Power Consumption	Approximately 150 W
Dimensions (HxWxD)	Approximately 46 7/8" x 13 1/4" x 31 1/4" (1,190 mm x 336 mm x 793 mm)
Weight	Approximately 157 lb (71 kg)
Installation Space Including the Main Unit (WxD)	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)

⁵⁷ Reference Registered Paper Types and Weight for the available paper weights.

Table 66 – Perfect Binder-B1 Specifications

Perfect Binder-B1	
Item	Specification
Book binding thickness	From 10-200 sheets or up to 25 mm
Book binding method	Hot glue at spine with wrap around cover
Book size	137.5 x 202 mm – 228 x 297 mm
Cover sheet size	Inserter: 364 x 257 mm – 486 x 330 mm Drawer: 364 x 257 mm – 487.7 x 320.2 mm
Contents sheet size	182 x 257mm – 228.6 x 320mm (sheet vertical to horizontal ration should be 1: 1.25-1.5)
Paper weight	Contents: 60-105 g/m ² Insertion: 106 to 163 g/m ² (up to 10 sheets) Cover: 91-300 g/m ²
Margin trimming	3-side or no trimming Side: 6.5 x 39.5mm Top & Bottom: 6.5 x 49.5mm
Tray capacity	Up to 10 books of 100 sheets Up to 25 books of 10 sheets contents
Warm-up time	Less than 440 seconds
Dimensions (H x W x D)	Approximately 53.5" x 36.3" x 31.1" (1,360 x 922 x 791mm)
Weight	Approximately 697 lb (316 kg)

Table 67 – 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 ⁵⁷	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 ⁶⁷	<p>No Collating/Collate/Group mode</p> <p>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)</p> <p>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)</p> <p>Staple mode</p> <p>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)</p>

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

Table 67 – Finisher-AM1 Specifications Continued

Finisher-AM1	
Item	Specification
Capacity Per Tray ⁶⁷	<p>No Collating/Collate/Group mode with different paper sizes</p> <p>Tray A: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>Tray B ⁶⁸: 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)</p> <p>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)</p> <p>Z-Fold mode (when the Paper Folding Unit-F1 is attached.) Tray A, Tray B: 30 sheets or 10 sheets/1 set</p> <p>Half Fold (when the Paper Folding Unit-F1 is attached.) Tray A, Tray B: 50 sheets</p>
Maximum Stapling Capacity / Available Staple Size	<p>When the standard staple cartridge is attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR and EXEC: 100 sheets (20 lb bond (80 g/m²)) 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/m²)) 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))</p> <p>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))</p> <p>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))</p>
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)

⁶⁷ To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.

⁶⁸ If the capacity values of the different paper sizes are different, the smallest value is applied to the Tray B capacity.

Table 68 – 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 ⁵⁷	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 ⁶⁷	<p>No Collating/Collate/Group mode</p> <p>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)</p> <p>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)</p> <p>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)</p> <p>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)</p>

⁶⁷ To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.

Table 68 – Saddle Finisher-AM2 Specifications Continued

Saddle Finisher-AM2	
Item	Specification
Capacity Per Tray ⁶⁷	<p>No Collating/Collate/Group mode with different paper sizes</p> <p>Tray A: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>Tray B ⁶⁸: 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)</p> <p>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)</p> <p>Z-Fold mode (when the Paper Folding Unit-F1 is attached.) Tray A, Tray B: 30 sheets or 10 sheets/1 set</p> <p>Half Fold (when the Paper Folding Unit-F1 is attached.) Tray A, Tray B: 50 sheets</p>
Maximum Stapling Capacity / Available Staple Size	<p>When the standard staple cartridge is attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR and EXEC: 100 sheets (20 lb bond (80 g/m²)) or below 1/2" (11 mm) in height, 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (140 lb index (256 g/m²))</p> <p>11" x 17", LGL, and LTRR: 50 sheets (20 lb bond (80 g/m²)) 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))</p> <p>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))</p> <p>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))</p>

⁶⁷ To stack 2,000 sheets or more LTR paper, use Tray B first, and then use Tray A for outputting paper.

⁶⁸ If the capacity values of the different paper sizes are different, the smallest value is applied to the Tray B capacity.

Table 68 – Saddle Finisher-AM2 Specifications Continued

Saddle Finisher-AM2	
Item	Specification
Available Saddle Stitch Capacity ⁶⁹ /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/m ²)) 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)

⁶⁹ Available Saddle Stitch capacity may vary, depending on the paper type and weight

Table 69 – Puncher Unit-BS1 / Puncher Unit-BT1 Specifications

Puncher Unit-BS1 / Puncher Unit-BT1	
Item	Specification
Paper Size	<p>Size:</p> <p>Puncher Unit-BS1:</p> <p>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))</p> <p>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))</p> <p>Puncher Unit-BT1:</p> <p>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))</p> <p>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))</p>
Paper Weight	<p>14 lb bond to 110 lb cover (52 g/m² to 300 g/m²)</p> <p>Note: The maximum weight for coated paper is 110 lb index (209 g/m²).</p>
Paper Type ⁵⁷	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	<p>Puncher Unit-BS1</p> <p>Two or Three Holes: 3/8" (8 mm)</p> <p>Puncher Unit-BT1</p> <p>Two or Four Holes: 1/4" (6.5 mm)</p>
Distance Between Punch Holes	<p>Puncher Unit-BS1</p> <p>Two Holes: 2 3/4" (70 mm)</p> <p>Three Holes: 4 1/4" (108 mm)</p> <p>Puncher Unit-BT1</p> <p>Two Holes: 3 1/8" (80 mm)</p> <p>Four Holes: 3 1/8" (80 mm)</p>
Paper Size in Which Holes Can be Punched	<p>Two Holes: LGL, LTRR</p> <p>Three Holes: 11" x 17", LTR, EXEC</p>
Puncher Waste Tray Capacity	<p>Approximately 6,000 sheets (20 lb bond (80 g/m²))</p> <p>Note: The figure may differ depending on the surrounding environment, paper type, and paper weight.</p>
Power Source	From the Finisher
Dimensions (H x W x D)	Inside the Finisher
Weight	Approximately 6.7 lb (3.0 kg)

Table 70 – Professional Puncher-B1 and Professional Pincher Integration Unit-C1

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 ⁵⁷	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.	

Table 71 – 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 72 – Booklet Trimmer-D1 Specifications

Booklet Trimmer-D1	
Item	Specification
Paper Size	LTRR, 11"x17", LGL, 12"x18", 13"x19.2"
Paper Weight	14 lb bond to 120 lb cover (52 g/m ² to 325 g/m ²)
Maximum Number of Sheets trimmable	Up to 50 sheets (80 g/m ²) Up to 48 sheets (80 g/m ²) + 2 sheets (325 g/m ²)
Waste Tray Capacity	Approximately 1,500 sheets of 20 mm width trimmed piece
Conveyer Capacity	Up to 30 booklets
Electric Power Requirement	From the Finisher / 300W Max
Dimensions (H x W x D)	Approximately 41" x 62" x 30 3/8" (1,040 mm x 1,575 mm x 770 mm)
Weight	Approximately 335 lb (152 kg)

Table 73 – Two Knife Booklet Trimmer-A1 Specifications

Two-Knife Booklet Trimmer-A1	
Item	Specification
Paper Size	LTRR, 11"x17", LGL, 12"x18", 13"x19.2"
Paper Weight	14 lb bond to 120 lb cover (52 g/m ² to 325 g/m ²)
Maximum number of sheets trimmable	Up to 50 sheets (up to 80 g/m ²) Up to 48 sheets (80 g/m ²) + 2 sheets (325 g/m ²)
Number of Sheets	Up to 25 sheets/100 pages (16 to 20 lb bond (60 g/m ² to 80 g/m ²)) Up to 15 sheets/60 pages (24 to 28 lb bond (more than 80 g/m ² to 105 g/m ²)) Up to 5 sheets/40 pages (28 lb bond to 110 lb Index (more than 105 g/m ² to 209 g/m ²)) Up to 4 sheets/16 pages (110 lb index to 80 lb Cover (more than 209 g/m ² to 220 g/m ²)) Up to 1 sheet/4 pages (16 lb Bond to 110 lb Cover (more than 209 g/m ² to 300 g/m ²)) Only one sheet of cover can be used up to 300 g/m ²
Trimming Width	2-15mm (0.08" - 0.59") *each width of top and bottom edge *Minimum width of book in top and bottom direction; 190 mm (7.48")
Waste Tray Capacity	Approximately 1,500 sheets of 15 mm width trimmed piece
Conveyer Tray Capacity	Up to 30 booklets (Same as the Booklet Trimmer-D1. Two-Knife Booklet Trimmer-A1 does not have conveyer tray and uses conveyer tray of the Trimmer-D1.)
Processing Speed	Follows the binding speed of the Finisher-AM1/Saddle Finisher-AM2
Electric Power Requirement	120-127volts, 50/60hz, 4A
Maximum Power Consumption	440W
Dimensions (H x W x D)	41" x 21 1/8" x 30 3/8" (1040 mm x 536 mm x 770 mm) This does not include the dimension of the conveyer tray It will add approximately 2" (5mm) in width when it is connected to the Booklet Trimmer-D1
Weight	Approximately 320 lb (145 kg)

Table 74 – SDD Square Fold Booklet-Maker with Two-Knife Trimmer Specifications

Square Fold Booklet Maker & Square Fold Booklet-Maker with Two-Knife Trimmer		
Item	Square Fold Booklet-Maker with Two-Knife Trimmer	Square Fold Booklet-Maker
Input Accessory	Booklet Trimmer-D1 (Required)	
Pass through width (no Trimming)	Approximately 8.27" (210 mm) – 12.60" (320 mm)	Not Available
Input Width	Approximately 8.27" (210 mm) – 13" (330 mm) ³	Approximately 5.51" (140 mm) – 12.6" (320 mm)
Output Width (Booklet Trimming)	Approximately 7.87" (200 mm) – 12.60" (320 mm)	Same as input
Length (Input/output)	Approximately 4.71" (120 mm) – 9.60" (244 mm)	Approximately 4.88" (124 mm) – 9.60" (244 mm)
Maximum Productivity	Up to 800 booklets/hour (each booklet up to 21 lb Bond and 100 pages)	Up to 1,800 booklets/hour (each booklet up to 20 lb Bond and 40 pages)
Booklet Sheet Capacity	Up to 25 sheets (80 g/m ² , 100 pages booklet) (or 5 mm whichever is less)	
Paper Weight	Approximately 16 lb Bond to 110 lb Cover (60 g/m ² – 300 g/m ²)	
Trimming Size	Each side: Approximately .08" (2 mm) – 1.38" (35 mm) Together: Approximately .16" (4 mm) – 2.76" (70 mm)	Not Available
Asymmetrical trim (Offset capability)	Approximately +/- .59" (15 mm)	Not Available
Minimal Booklet Staple Clearance from Top / Bottom	Approximately 1.57" (40 mm)	Not Available
Maximum Noise Level	Up to 70 dB	
Humidity	Approximately 30% to 65% RH	
Temperature Range	Approximately 63° F to 90° F (17° C to 32° C)	
Dimensions (H x W x D)	Approximately 51" x 62.6" x 27.6" (1,300 mm x 1,592 mm x 700 mm)	Approximately 45" x 43.3" x 14.2" (1,140 mm x 1,100 mm x 360 mm)
Weight	Approximately 573 lb (260 kg)	Approximately 154 lb (70 kg)
Power Requirement	120V AC / 60Hz / 15A	
Plug	NEMA 5-15	
Maximum Power Consumption	Approximately 740 W	Approximately 230 W

Table 75 – 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	<p>PDF Compact, Trace and Smooth, Encryption, OCR, Device Signature, User Signature, Optimization for Web, PDF/A-1b, Policy Applied</p> <p>XPS Compact, OCR, Device Signature, User Signature</p> <p>OOXML PowerPoint, Word, OCR</p>

Table 76 – 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 x 100 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 ⁷⁰ , 300 x 300 dpi ⁷⁰ , 400 x 400 dpi ⁷⁰ , 600 x 600 dpi ⁷⁰ For Sending I-Fax (Color) 100 x 100 dpi ⁷⁰ , 200 x 200 dpi ⁷⁰ , 300 x 300 dpi ⁷⁰ , 400 x 400 dpi ⁷⁰ , 600 x 600 dpi ⁷⁰
Format	E-Mail: TIFF, JPEG, PDF, XPS, OOXML (PowerPoint / Word) I-Fax (B&W): TIFF (MH, MR ⁷⁰ , MMR ⁷⁰) I-Fax (Color): TIFF (MH, MR ⁷⁰ , MMR ⁷⁰)
Original Size	E-Mail 11" x 17", LGL, LTR, LTRR, STMT, STMTR
	I-Fax 11" x 17", LGL, LTR, LTRR, STMT ⁷¹ , STMTR ⁷¹
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

70 Available after setting the RX conditions for the destination.

71 Sent as LTR.

Table 77 – 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 78 – imagePRESS Server G100 / imagePRESS Server F200

imagePRESS Server G100		
Item	Specification	
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 (HxWxD)	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)

Table 79 – PRISMAsync Controller

Item	Specifications
CPU	Intel Core i7 860 @ 2.8GHz – 8MB cache CPU
Operating System	Windows 7 Embedded 64 bits
Adobe PDF Print Engine (APPE)	APPE V3.1
Memory	4 x 4GB DDR3 @ 1333MHz SDRAM non-ECC (Dual channel mode)
Hard Disk Drive	1 x 250 GB 3.5" SATA II HDD @ 7200 rpm (System disk) 2 x 250 GB 3.5" SATA II HDD @ 7200 rpm (2 x Data disk Raid0)
Video Board	nVidia GeForce GTS650 1 GB
Interface Engine	Engine side: Canon Interface Board-G1 Controller side: Océ Interface board DDI06
Server Type	<ul style="list-style-type: none"> • Embedded with optional removable hard disk • Web-based configuration with Océ Settings Editor
Ethernet Port to LAN	Ethernet 10/100/1000BaseT
Ethernet Port to Engine	Ethernet 10/100/1000BaseT
Monitor	Type IV operator panel on stand on top of engine
PDL Support in Document Printing Mode	Adobe PostScript 3, Acrobat PDF Download Version (V1.8, Extended level 3), Direct download PDF, PDF/X support (PDF/X-1a:2001, PDF/X-1a:2003, PDF/X-3:2002, PDF/X-3:2003, PDF/X-4) JDF ticket format
PDL Support in Transaction Printing Mode	Native IPDS (IS/3 standard compliant) (SRA14.7 with APPE V2.6), PCL/PJL
Network Protocols	TCP/IP (LPR/LPD, Socket), SMB Static IP/Auto IP (DHCP) SNMP v1-v3 (Printer MIB, private MIB, Job monitoring MIB), IPP, IPv4 & IPv6.
Networking/Connectivity	TCP/IP, LDAP, IPv6 Support, NetBEUI/SMB, IPP, SNMP V3, Job MIB, HTTP, HTTPS, Socket printing (Port9100), LPR/LPD
USB Printing	PDF, PS, PCL, XPS via USB connection on the operator panel. (Compatibility with all USB storage devices cannot be guaranteed.)
Security	CCEAL 2+, E-Shredding (optional), Firewall, PIN for Doc Box, User authentication to SDS, Removable Hard Disk, IPv6
Features	<ul style="list-style-type: none"> • Print-while-RIP • RIP-then-Print • Streaming • Process multiple jobs • No cycle-down between jobs • Multi-tasking (scan, copy, print)
Options	<ul style="list-style-type: none"> • Generic USB mouse support • Section 508 kit (video attention light) • CCD interface for accounting • Operator attention light • Removable hard disk • Remote UI
Size (H x W x D)	16.5" x 7.9" x 16.9" (42 cm x 20 cm x 43 cm)
Weight	35.27 lb (16 Kg)
Max. Power consumption	100-240V, 10-5A, 50-60Hz

Table 80 – USB Flash Drive Specifications (for the USB Key and USB Stick)

Capabilities	Requirement					
USB connection speed	USB 2.0 High Speed certified, USB 1.1 backward compatible					
USB key size	Size ≥ 2 GB, 4GB Recommended					
Bootable media support	Yes (mandatory)					
File system support	Bootable NTFS and FAT32 (Intel)					
Drivers	Windows generic drivers for USB mass storage. No specific drivers or specific setup					
Bios recognition	USB HDD device					
USB key technology	SLC (Single Level Cell – Mandatory)					
Encryption	No hardware data encryption software on the USB key allowed					
U3 support	Not allowed					
Biometric support	Not allowed					
Micro-Drive	Not allowed					
Ready Boost certified	Yes (mandatory)					
Minimal Throughputs	File size	512B	32kB	256kB	2MB	64MB
	Read	1.5 MB/s	8 MB/s	20 MB/s	23 MB/s	24 MB/s
	Write	0.1 MB/s	0.8 MB/s	4 MB/s	4 MB/s	8 MB/s
Housing	Rubber housing (shock resistant) is preferred					
LCD Screen	Not allowed					
Activity indication Led	Yes					

C. Canon imagePRESS C800/C700 Series Limited Warranty

CANON imagePRESS C800/C700 SERIES LIMITED WARRANTY

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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.

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