



imageRUNNER ADVANCE C7055

Customer Expectations Document

Version 5



Systems & Technical Support Division
Imaging Systems Group, Canon U.S.A., Inc.

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IMPORTANT

The purpose of this Customer Expectations Document is to explain the current features and capabilities of the imageRUNNER ADVANCE C7055, and provide customers information about what to expect before purchasing the machine.

The information included in this document has been pulled from various sources, including product reference guides, service guides, and user manuals, as well as from the results from internal Canon testing. Specifications and other information contained herein may vary slightly, and in a non-material way, from actual device values, including those found in advertising and other printed matter. Part numbers, yield information, and specifications are subject to change without notice. Accordingly, the latest specifications for the machine may not be found in this document. As new information becomes available, this document will be revised. Canon authorized dealers can access the latest revision of this document from the Download Center page in the e-Support Web site (support.cusa.canon.com).

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1. Introduction

The Canon imageRUNNER ADVANCE C7055 Customer Expectations Document contains information about the features and capabilities of the Canon imageRUNNER ADVANCE C7055. This document should be used as part of the presale and pre-installation planning process to help clarify the requirements and responsibilities associated with supporting, owning, and operating the imageRUNNER ADVANCE C7055. It is also recommended that those interested in purchasing the imageRUNNER ADVANCE C7055 have, and familiarize themselves with, the information in this document prior to making their purchase.

2. Product Overview

The Canon imageRUNNER ADVANCE C7055 brings the following capabilities to users in a high-volume office environment and light-production color environment:

- Speeds of up to 55 ppm (LTR, Black-and-White and Color)
- Single pass duplex document feeder with scanning speeds of up to 200 ipm (black-and-white), and 300-sheet capacity as standard
- Large 8.4"SVGA high-resolution TFT screen (800 x 600 pixels) control panel
- Robust finishing options, such as a staple or booklet finisher, an external 2/3 hole puncher, document insertion unit, and paper folding unit
- A maximum paper size of 13" x 19 1/4" is supported. Multiple paper sources, complemented by air-assisted feeding, can hold up to 6,900 sheets of paper for exceptional reliability
- True 1,200 dpi printing at the engine's rated speed
- Standard USB memory support. One USB port is on the control panel and can be used for scanning, printing, or direct printing from a USB memory stick. One USB port is on the rear of the machine, and can only be used to attach a USB keyboard, third-party card reader, direct printing, or for servicing the machine
- Induction Heating Technology for quick warm up times and first copy output times
- Standard Universal Send and UFR II printing
- New Micro-Dispersed Pigment Toner Technology – A newly designed oil-free toner that uses small particles containing micro-dispersed wax to produce sharp, vivid, dense images, and a smooth finish that looks and feels like offset printing

2.1 Summary of Functions

Function		imageRUNNER ADVANCE C7055
Print Speed (LTR)	B&W	55 ppm
	Color	55 ppm
Scan Speed (LTR, 300 dpi)	Simplex	B&W: 120 ipm, Color: 120 ipm
	Duplex	B&W: 200 ipm, Color: 140 ipm
Scan Speed (LTR, 600 dpi)	Simplex	B&W: 120 ipm, Color: 70 ipm
	Duplex	B&W: 120 ipm, Color: 70 ipm
DADF		Standard Single Pass Duplex
DADF Capacity		300 sheets (20 lb bond (80 g/m ²))
Engine Resolution		1,200 x 1,200 dpi
Gradations		256 levels
Paper Size	Min	5 1/2" x 7 1/8"
	Max	13" x 19 1/4"
Paper Weight	Drawers	14 lb bond to 80 lb cover (52 to 220 g/m ²)
	Multi-Purpose Tray	14 lb bond to 110 lb cover (52 to 300 g/m ²)
HDD Capacity		Standard 80 GB, Maximum 1 TB
Printer Memory		Standard 2 GB RAM, Maximum 2.5 GB RAM
Copy		Standard
Store	Mail Box	Standard
	Advanced Box	Standard
	Memory Media Support	Standard (USB)
Print	UFR II	Standard
	PCL	Optional (w/PCL Printer Kit-AD1)
	Direct Print	Standard (JPEG, TIFF), Optional (PDF, XPS ^{*1}) (w/PDF/XPS Direct Printer Kit-H1 or PS Printer Kit-AD1 (PDF only))
	PostScript	Optional (w/PS Printer Kit-AD1, imagePASS-A1, or ColorPASS-GX300)
	imagePASS (Embedded)	Optional (w/imagePASS-A1)
	ColorPASS (Server)	Optional (w/ColorPASS-GX300)
Send	Universal Send	Standard
	PDF High Compression	Standard
	PDF Advanced Feature Set	Optional
	PDF Security Feature Set	Optional
	PDF Digital User Signature	Optional
Fax	Super G3 Fax	Optional (up to 4 lines w/Super G3 Fax Board)
Network		Standard Ethernet 10/100/1000 Base-TX, Optional Wireless LAN
Remote UI		Standard
MEAP Capability		Standard
Access Management System		Standard

*1 You can only Direct Print XPS files from the Remote UI.

2.2 High-Resolution Imaging System for Copied and Printed Images

The imageRUNNER ADVANCE C7055 provides you with the next-generation high-resolution imaging system. This system renders images at a 1,200 x 1,200 dpi print resolution, which delivers the highest level of speed and image quality. Object-optimized imaging also helps to achieve superior print quality. Text and lines are processed with a high priority given to resolution, and images and graphics are processed with a high priority given to gradation. This high-resolution imaging system coupled with the Density Fine Adjustment mode, a feature that refines thin, fine text, and lines while the device is rendering images at 1,200 x 1,200 dpi, minimizes faint output and delivers quality prints.

2.3 Image Stabilization Control

The quality of printed images is affected by changes in the environment, such as temperature and humidity, in which the machine is installed. It is also affected by the deterioration of image formation parts through extended use. The imageRUNNER ADVANCE C7055 overcomes these issues, stabilizes image production, and maintains color consistency with features, such as Auto Gradation Adjustment, Real-Time Calibration, and accurate registration.

2.3.1 Automatic Gradation Adjustment

Automatic Gradation Adjustment is a function that helps to automatically adjust toner density. You can select the Quick Adjustment mode or Full Adjustment mode. The Quick Adjustment mode quickly and simply adjusts the gradation, density, and color by performing calibration without outputting test prints. The Full Adjustment mode performs a precise calibration by outputting and scanning test prints. For more information on the Automatic Gradation Adjustment modes, see “Adjustment/Maintenance,” in the *Settings/Registration e-Manual* included with your machine.

2.3.2 Real-Time Calibration

Real-Time Calibration helps to maintain color consistency by making automatic, real-time adjustments during print runs. Density level measurements of cyan, magenta, yellow, and black toner are taken every 100 pages during a print job. The patches of each color are imaged on the ITB (Intermediate Transfer Belt), and sensors measure the density to adjust the toner gradation and density.

2.3.3 Accurate Registration

The new paper cassette design for the imageRUNNER ADVANCE C7055 ensures that every page enters the machine at the same location. Registration can be accurately applied by manually specifying an exact adjustment value (within one millimeter) for every user-specified paper type. For more information, see “Adjusting the Image Position on a Custom Paper Type,” in the *Settings/Registration e-Manual* included with your machine.

2.4 Professional Input/Output Accessories

The imageRUNNER ADVANCE C7055 features many robust input and output accessories that allow customers working in light-production, graphic arts or highly productive office environments to complete large jobs directly from the machine. For more information on the input and output accessories that can be attached to the machine, see [“Specifications.”](#) on p. 28.

Input Accessories

- Duplex Color Image Reader Unit-A1 (Standard)
- Paper Deck Unit-A1
- POD Deck Lite-A1

Finishing (Output) Accessories

- Staple Finisher-B1
- Booklet Finisher-B1
- External 2/3 Hole Puncher-A1
- Document Insertion Unit-J1 or Document Insertion/Folding Unit-G1

2.5 Storage Capabilities

The imageRUNNER ADVANCE C7055 offers four built-in storage methods with flexible linkage to external systems for storing scanned documents and accessing stored files.

- Mail Box
- Advanced Box
- Network
- Memory Media



IMPORTANT

- Canon U.S.A., Inc. 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 back up plan. Canon U.S.A., Inc. offers several security options to enhance your document handling and storage security needs. See ["System Options."](#) on p. 41.
- It is strongly recommended to back up the data stored on the hard disk drive.

2.5.1 Mail Box

The Mail Box is a data storage area that stores and handles files for printing.

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 anytime using the desired settings. Also, you can convert the file format of the scanned documents into another format, such as TIFF, PDF, and JPEG, to send via e-mail or fax by using the Send function. You can use up to 100 mailboxes and give a name or set a password for each mailbox. In addition, various editing features are available, such as merging separately stored files into one file, and erasing unnecessary pages from a file.

2.5.2 Advanced Box

Advanced Box is a storage area in the machine that stores scanned documents and Microsoft Office files to be used on your computer. There are two types of storage in the Advanced Box: the Shared Space and the Personal Space.

Shared Folders

- An open access storage space. Ideal as a shared storage space by multiple users (for example, team, group, or department members).
- Subfolders can be created.
- Up to 1,000 files/folders (main and sub) can be saved in each level.

Personal Folders

- Access is restricted to the set user only. Authentication must be set up to enable a personal folder.
- Subfolders can be created.
- Up to 1,000 files/folders (main and sub) can be saved in each level.

You can scan a document with this machine and store it in the PDF, JPEG, or TIFF file format, and also print the stored file on this machine at any time with your desired print settings.

The Advanced Box can be opened to the public as an SMB (Server Message Block) server or WebDAV (Distributed Authoring and Versioning) server. This enables you to access the Advanced Box from your computer, and store and share files in their native format, such as MS Word, Excel, and PowerPoint. To view and print these native format files from the Advanced Box, you must access them via your computer.

The standard storage space for the Advanced Box is approximately 10 GB. However, if you install the optional 3.5inch/1 TB HDD, you can increase the Advanced Box storage capacity to approximately 664 GB.



IMPORTANT

It is strongly recommended to protect the Advanced Box folders from viruses. If your computer system has an antivirus system in place, add the Advanced Box folders to its list of folders to scan and protect.

2.5.3 Network

Press [Network] on the Scan and Store screen to select an Advanced Box of another machine (if it is on the accessible network of this machine) to store files, or print a file stored in another machine on this machine.

2.5.4 Memory Media

Memory Media is storage that can be used by attaching a USB memory stick to the USB port on the control panel. You can scan the document with this machine and store it in memory media in the PDF, JPEG, or TIFF file format, and also print the file stored in the memory media on this machine at any time with your desired print settings.

If the optional USB Device Port-A1 and Multimedia Reader/Writer-A1 are installed, you can use an SD card, Memory Stick, Compact Flash card, and Microdrive. For more information, see ["USB Device Port-A1,"](#) on p. 49, and ["Multimedia Reader/Writer-A1,"](#) on p. 49.

2.6 Security Features

The imageRUNNER ADVANCE C7055 includes a comprehensive set of security features, such as Device Authentication, Data Security, Document Security, and Network Security.

2.6.1 Device Authentication

There are two ways to authenticate users at the device.

- **Department ID Management** - You can 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. You can specify the following settings:
 - Turn Department ID Management 'On' or 'Off'.
 - Register the Department ID and password.
 - Set page limits for scans, prints, and copies.
 - Set whether to use Department ID Management for the Mail Box, Send, and Network Scan functions. If the Copy function is specified, it is automatically restricted when Department ID Management is set.
 - Set up copy, scan, and print restrictions.
- **SSO-H (Single Sign-On H)** - A user authentication system that enables the functions of the machine and MEAP applications, etc., to be used 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. You can use one of these two systems or both at the same time. The Access Management System is a subset of the SSO-H authentication system.
- **Access Management System** - The standard AMS (Access Management System) allows system administrators to restrict various Copy, Print, Fax, Scan, Mail Box, and Send functions that each user can use. Once the AMS is activated, a Function Level Log-In can be used to authenticate users for specific machine features only. SSO-H must be activated to use the Log-In feature for the AMS.

2.6.2 Data Security

The imageRUNNER ADVANCE C7055 offers several ways to protect and secure your data. It is strongly recommended that a back up and security system is in place, along with an antivirus protection system on your computer to make sure that no data on your hard disk drives is lost, stolen, or compromised.

CAUTION

Canon U.S.A., Inc. is not liable for any damages resulting from the loss or corruption of data. (See page 5 for further details.)

- **Document Scan Lock Kit** – The Document Scan Lock Kit embeds a code all over a printed document, which enables you to identify which printer printed the document, and enables you to track who printed the document. The Document Scan Lock system is tamper resistant, and if someone tries to copy the document, the Document Scan Lock system checks to see if the person has the proper permissions to reproduce it. A password may be required to enable the reproduction of the document. For more information on the Document Scan Lock Kit, see [“Document Scan Lock Kit,”](#) on p. 47.

- **TPM (Trusted Platform Module)** - TPM is a standard security chip (tamper resistant hardware) installed in the imageRUNNER ADVANCE C7055. 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 U.S.A., Inc. is not liable. (See page 5 for further details.)



IMPORTANT

- If the TPM setting is activated and the TPM chip fails, you can only recover the confidential information stored on the chip as long as your 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, you can only back up the TPM key once. Store the USB memory with the back up data in a safe place.
 - For the back up of the TPM key, it is recommended that you use a USB memory stick with free space of 10 MB or more.
 - 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.
-
- **Removable Hard Disk** - The optional Removable Hard Disk Drive Kit provides the capability to physically remove the hard disk drive out of the machine and place it in a secured location. You can easily remove the hard disk drive for secure storage on a frequent basis, and easily reinstall it for normal machine use. This option provides another layer of data security for government agencies and corporate enterprises that need to ensure that data stored on the hard disk is physically secure when the machine is not in use. For more information on the Removable Hard Disk Drive Kit, see ["Removable Hard Disk Drive Kit,"](#) on p. 48.

- **HDD Data Erase** - The optional HDD Data Erase feature is available for those environments requiring additional data security measures. This optional kit automatically overwrites image data that is written to the hard drive following each job performed at the machine. The HDD Data Erase Kit performs an overwrite of up to three times with random data, depending on the preferences set by the system administrator. Other settings for the overwrite kit include the ability to overwrite once with null data and overwrite once with random data. For more information on the HDD Data Erase Kit, see [“HDD Data Erase Kit,”](#) on p. 47.
- **HDD Data Encryption & Mirroring** - The optional HDD Encryption feature is another security tool available for environments requiring additional data security measures, and can be used in conjunction with the HDD Data Erase feature to provide even greater security for data stored on the internal HDD. The HDD encryption chip is Common Criteria Certified (EAL level 3), and applies 256-bit AES (Advanced Encryption Standard) encryption to all data prior to being written on the HDD. This adds an additional layer of security to files stored on the HDD. The Mirroring function provides redundancy when utilized with an additional hard disk drive of the same storage capacity. This preserves company data if one hard disk drive fails. For more information on the HDD Data Encryption & Mirroring Kit, see [“HDD Data Encryption & Mirroring Kit,”](#) on p. 47.

2.6.3 Document Security

The imageRUNNER ADVANCE C7055 offers several document security modes to protect printed and distributed documents.

- **PDF Visible Digital Signature** – The PDF Visible Signatures mode enables you to view the device signature and user signature on a PDF file. Visible digital signatures and user signatures are displayed on the first page of the PDF file to account for the origin of the document. The system administrator of the machine can set the Visible Signatures mode for all PDF documents or certain PDF documents created on the machine. This mode differentiates from the Digital Signature mode in that instead of having to access digital signature information from the document properties from the File menu, this information is displayed prominently on the first page of the document in the background, and is printed along with the document data, thereby deterring improper distribution of sensitive documents.
- **Adobe LiveCycle Rights Management ES Server Integration** – Adobe LiveCycle enables Administrators to set automatic document privileges and apply security policies by creating Policy Protected PDF files on the machine, even after document creation, using the Adobe LiveCycle Rights Management ES Server. Once a Policy Protected PDF document is created on the machine with this feature enabled, the PDF extension in Adobe Reader, upon attempt by a user to open a protected PDF, contacts the Rights Management Server to check the latest authorized users, expiration, auditing, and watermarking policies set by the administrator. These latest policies are then enforced by that application to ensure the information in that document remains secure.



IMPORTANT

- To generate a PDF linked with Adobe LiveCycle Rights Management ES Server, the Adobe LiveCycle Rights Management ES Server must be licensed, pre-configured by a system administrator, and the machine must be connected to the Intranet or Internet.
- Encrypted PDF and PDF/A-1b documents are not compatible with Adobe LiveCycle Rights Management ES Server.

2.6.4 Network Security

The imageRUNNER ADVANCE C7055 secures network communications by using IP Address and MAC (Media Access Control) Address filters, encryption and authentication, and network port and application access control.

- **IP Address and MAC Address Filters** – IP Address Filter performs a function similar to many firewalls. It permits or rejects incoming packets from up to eight IP addresses or ranges of IP addresses. You can also apply IP address filters to outbound connections. For example, if you use such functions as Remote Copy and Universal Send, system administrators can block or restrict users from sending files to specific IP addresses. This helps to minimize the risk of data being sent out of the company to systems that are not trusted.

MAC Address Filter permits or rejects access for up to 100 MAC addresses. It is useful for environments that use DHCP (Dynamic Host Configuration Protocol) for IP address assignments. If DHCP leases expire and a new IP address is issued to a certain system, the filter can still identify the system's MAC address, and permit or reject access to the machine. MAC addresses can be easily added, edited, or deleted through the Remote UI. MAC Address Filter takes a higher priority than IP Address Filter, which prevents unknown systems from attacking your machine.

- **Encryption and Authentication** – SSL (Secure Sockets Layer) protects data transferred over the network by encrypting file names and formats. You can also add IPSec capabilities to secure Internet Protocol (IP) communications from lower layer protocols, such as TCP (Transmission Control Protocol) and UDP (User Datagram Protocol) by authenticating and encrypting each IP packet of a data stream across the Internet.

Additionally, the imageRUNNER ADVANCE C7055 supports IEEE 802.1x, which provides port-based authentication. Authentication involves communications between a supplicant, authenticator, and authentication server. The supplicant is authentication software on a client device. The client device (the imageRUNNER ADVANCE C7055) needs the supplicant to provide credentials, such as user names/passwords or digital certificates, to the authenticator (a wireless access point). The authenticator then forwards the credentials to the authentication server (generally a RADIUS database) for verification. If the credentials are valid in the authentication server database, the client device is allowed to access resources located on the protected side of the network.

- **Network Port and Application Access Control** –Network Port and Application Access Control enables system administrators to set up only the necessary protocols, such as IPP, FTP, SNT, SNMP, RAW, LPD, and others for transferring data. These protocols can be switched on and off. The administrator can also disable unneeded services, protocols, ports, and the potential paths of attack so that attacks on the machine can be minimized.

3. Machine Dimensions and Space Requirements

3.1 Dimensions

The following table includes the width, height, and depth dimensions (in inches and millimeters) of the main unit and optional accessories.

Unit	Width		Depth		Height	
Main Unit w/ Duplex Color Image Reader Unit-A1	27.1"	689 mm	36.75"	932 mm	48.1"	1,221 mm
Buffer Pass Unit-F1	7.0"	178 mm	25.0"	635 mm	40.0"	1,016 mm
POD Deck Lite-A1	23.6"	601 mm	24.5"	621 mm	22.4"	570 mm
Paper Deck Unit-A1	12.75"	323 mm	23.0"	583 mm	22.4"	570 mm
Document Insertion Unit-J1	26.1"	662 mm	26.75"	679 mm	48.9"	1,242 mm
Document Insertion/Folding Unit-G1	26.1"	662 mm	26.75"	679 mm	48.9"	1,242 mm
Staple Finisher-B1 ^{*1}	29.5"	748 mm	25.9"	656 mm	42.1"	1,071 mm
Booklet Finisher-B1 ^{*1}	29.5"	748 mm	25.9"	656 mm	44.1"	1,121 mm
External 2/3 Hole Puncher-A1	4.25"	107 mm	24.25"	615 mm	32.75"	832 mm
Copy Tray-P1 ^{*1}	16.5"	420 mm	15.0"	382 mm	6.9"	175 mm
Card Reader-C1	3.5"	88 mm	4.0"	100 mm	1.25"	32 mm

*1 The auxiliary tray is extended.

3.2 Weight

The approximate weights of the main unit, feeder, and finishing options (in pounds and kilograms) are listed in the table below.

Unit	Weight	
Main Unit w/ Duplex Color Image Reader Unit-A1, Buffer Pass Unit-F1, and Consumables	708.9 lb	322 kg
POD Deck Lite-A1	110 lb	50 kg
Paper Deck Unit-A1	81.6 lb	37 kg
Document Insertion Unit-J1	88.2 lb	40 kg
Document Insertion/Folding Unit-G1	168 lb	76 kg
Staple Finisher-B1	106 lb	48 kg
Booklet Finisher-B1	155 lb	70.5 kg
External 2/3 Hole Puncher-A1	17 lb	7.7 kg
Copy Tray-P1	2.9 lb	1.3 kg
Card Reader-C1	10.4 oz	295 g

3.3 Installation and Service Space

The installation site must provide enough space for unrestricted operation, maintenance work, and proper ventilation. The machine dimensions are in diagrams on the following pages. Every attempt should be made to install the equipment in a room that allows for the proper servicing and maintenance of the equipment, and ensures that issues, such as ventilation, odors, and dust accumulation are not a concern.

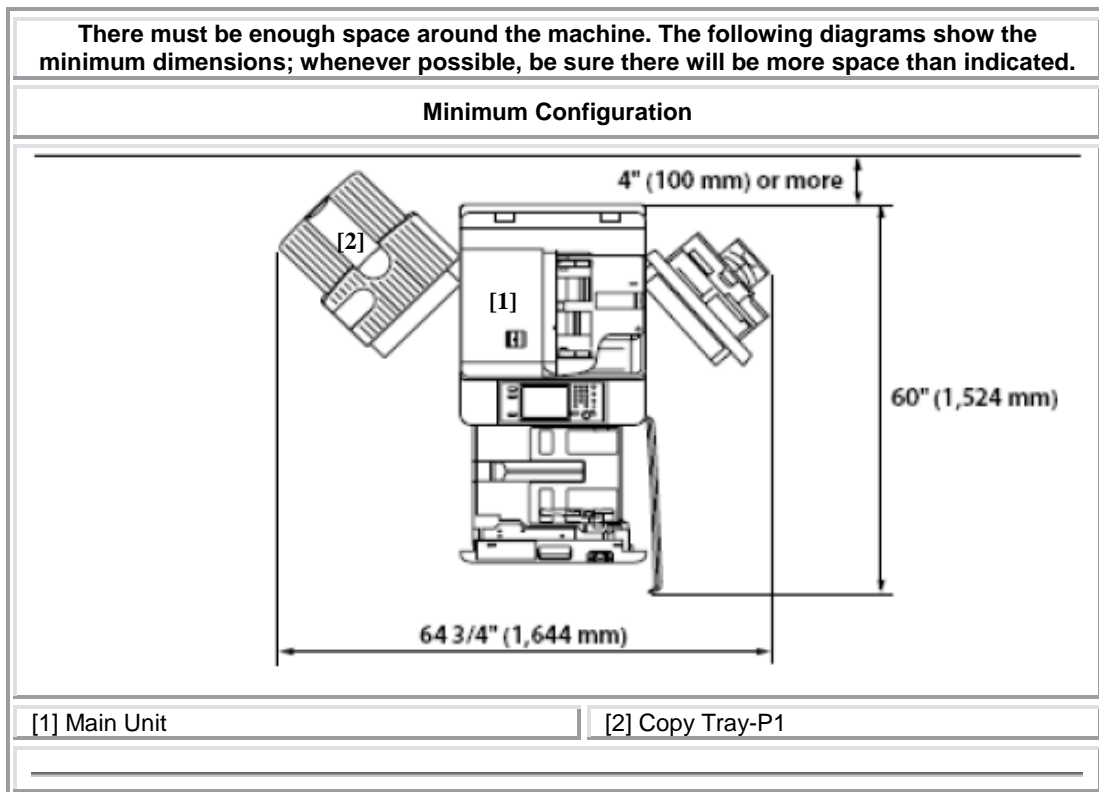


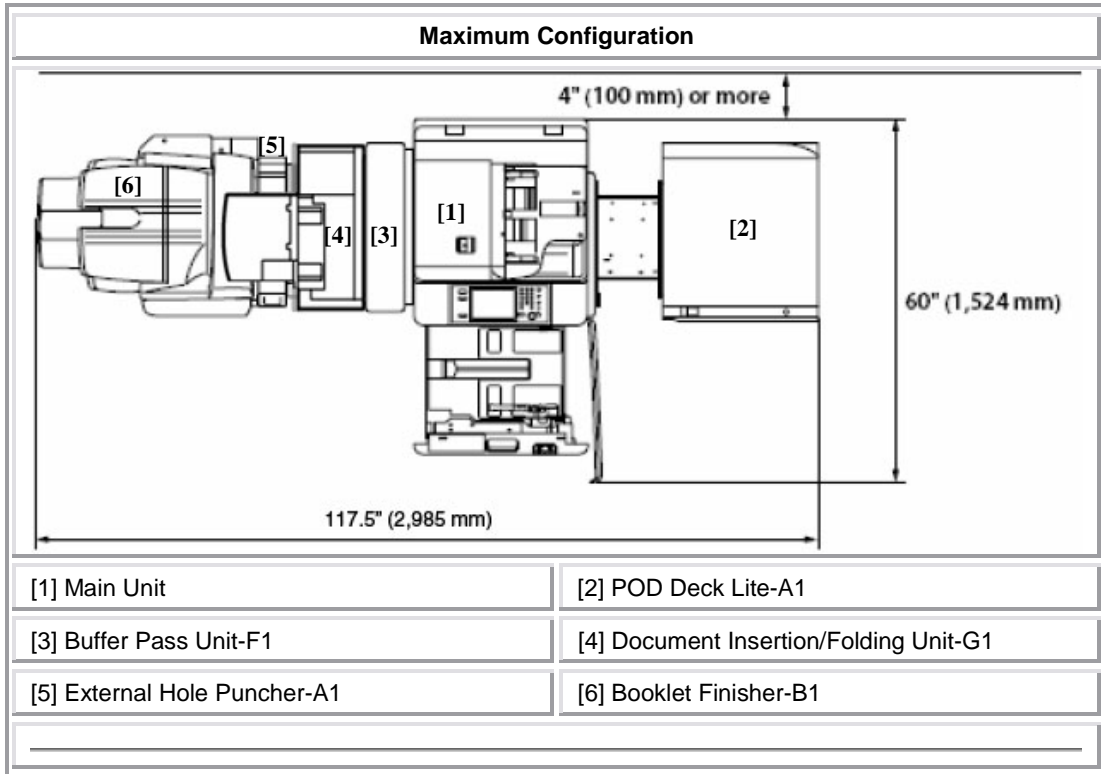
IMPORTANT

- Keep the back of the machine at least 4" (100 mm) away from a wall.
- Make sure that approximately 19 3/4" (500 mm) of space is left around the front, left, and right sides of the machine for the proper servicing of the equipment.
- The floor must be level (with no bows) and flat for the stabilization and support of the machine.
- The minimum doorway opening that the machine passes through prior to installation must be at least 36" wide.
- The machine should not be moved once it is in place.

3.3.1 Installation Space Diagrams

The approximate installation space requirements may differ, depending on how your machine is configured and the optional accessories attached.



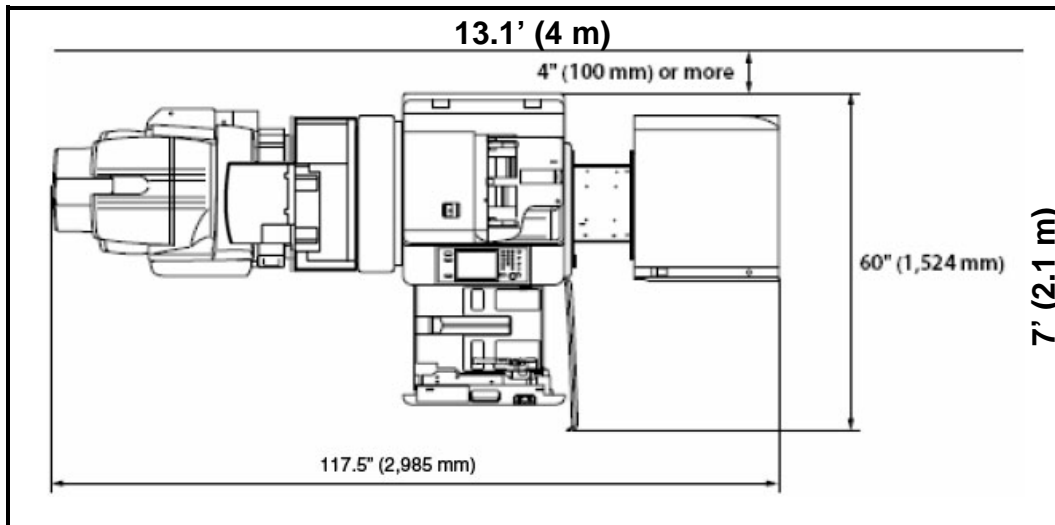


IMPORTANT

- The maximum configuration (fully configured machine) includes the Duplex Color Image Reader Unit-A1, Buffer Pass Unit-F1, POD Deck Lite-A1, Document Insertion/Folding Unit-G1, and Booklet Finisher-B1.
- The fully configured width of the machine includes opening space for the POD Deck Lite-A1 and the extended tray of the Booklet Finisher-B1.
- There needs to be approximately 1/5" (5 mm) of space in between each accessory attached.

3.4 Recommended Floor Space Requirements

For a fully configured imageRUNNER ADVANCE C7055, it is recommended that there be at least 13.1' (W) x 7' (D) of level floor space.



IMPORTANT

- The imageRUNNER ADVANCE C7055 was created to be modular in design. Your floor space, budget, monthly copy/print volume, and applications will determine which configuration will work best for you.
- You can attach either the optional Staple Finisher-B1 or Booklet Finisher-B1 to the machine.
- You can attach either the optional Document Insertion Unit-J1 or Document Insertion/Folding Unit-G1 to the machine.
- You can only attach one optional paper feeding unit (POD Deck Lite-A1 or Paper Deck Unit-A1) to the machine.

3.5 Floor Structure Requirements

The floor on which this machine is installed must have strength of at least 61.5 lb/ft² (300 kg/m²). If the floor does not have this level of strength, consult your building contractor before installing the machine.

The weight of the machine is distributed on the floor through the adjusters and wheels. Do not install the machine on an unstable floor or platform.

3.6 Network Interface Connectivity

Standard 10/100/1000Base-TX Ethernet interface jack (RJ-45) for device installation, monitoring, Mail Box and Advanced Box access via the Remote UI, ship standard with all configurations. A Wireless LAN connection can be obtained with the optional Wireless LAN Board. (See [“Wireless LAN Board,”](#) on p. 49.

Standard support for up to two USB 2.0 High-Speed interface ports ships standard with all configurations. One USB port is on the control panel and can be used for scanning, printing, or direct printing from a USB memory stick. One USB port is on the rear of the machine, and can only be used to attach a USB keyboard, third-party card reader, direct printing, or for servicing the machine.

4. Power/Electrical Requirements

The imageRUNNER ADVANCE C7055 requires a NEMA 5-20 receptacle for the main unit.



NEMA 5-20 Receptacle

4.1 Power Requirements for the Main Unit and Optional Accessories

Part or Accessory	Power Supply	Power Supply Cord/Plug Specifications	Length of Power Cord
Main Unit	1-120 V/20 A outlet	NEMA 5-20	8' (2.4 m)
POD Deck Lite-A1	1-120 V/15 A outlet	NEMA 5-15	8' (2.4 m)
Document Insertion Unit-J1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Document Insertion/Folding Unit-G1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
imagePASS-A1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
ColorPASS-GX300	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)

The following illustration shows the power outlets and voltage requirements of each optional accessory item.



IMPORTANT

- We recommend an additional standard 120 V/15 A 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 ColorPASS or imagePASS. 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 imageRUNNER ADVANCE C7055 will not perform reliably because 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 imageRUNNER ADVANCE C7055 or any computer controlled office equipment requires.
- Before installation, confirm that all necessary receptacles are available for your machine configuration.

NOTE

The Duplex Color Image Reader Unit-A1, Paper Deck Unit-A1, External 2/3 Hole Puncher-A1, Staple Finisher-B1, and Booklet Finisher-B1 do not require any additional outlets.

5. Environmental Factors and Requirements

This section describes the necessary environmental factors and requirements in which your machine should be operated to achieve the best image quality and print results.



NOTE

It may be necessary to use a humidifier or dehumidifier to attain the proper humidity levels for optimal machine performance.

5.1 Temperature and Humidity Conditions

The optimal humidity range is 30% to 70% RH (Relative Humidity) with a room temperature of 68°F to 80.6°F (20°C to 27°C).

The machine contains intelligent technology that can sense the environmental temperature, and optimize its performance if operated outside the temperature range. However, productivity, paper feeding, and image quality may be affected if the machine is operated outside of these guidelines.

The machine should not be installed in locations with significant shifts in temperature or humidity. Areas containing water, or equipment that can significantly alter room temperature or humidity, such as a heater, stove, or portable air conditioner, should be avoided, unless proper environmental control is available to achieve maximum productivity or quality capability.

The optimal humidity range for storing paper is 30% to 70% RH (Relative Humidity) with a room temperature of 68°F to 80.6°F (20°C to 27°C). Storing paper in a location that does not meet these specifications may affect paper feeding and image quality. For example, if the humidity is too high, paper curling and paper jams will increase. If the humidity is too low, paper may shrink or lose resistance, and toner will not adhere to the paper as well.

5.2 Temperature Gradient

Using an air conditioner during the winter, or if a sudden temperature change occurs, may have an adverse affect on image positioning. Sudden temperature changes may cause the paper to bend or contract, cause the machine to malfunction, and form condensation. To avoid these issues, control the temperature gradient so that temperature fluctuations do not exceed 18°F per hour or 10°C per hour.

5.3 Ventilation

Ensure that there is an air exchange rate of at least 1.5 times per hour, and at least 3,885 ft³ (110 m³) of space in the location where the machine will be installed.

This machine generates a slight amount of ozone during normal use. Although sensitivity to ozone may vary, this amount is not harmful. Ozone may be more noticeable during extended use or long production runs, especially in poorly ventilated rooms. It is recommended that the room be appropriately ventilated, sufficient to maintain a comfortable working environment, in areas of machine operation.

5.4 Elevation Limitations

Install this machine at an elevation below 13,123' (4,000 m) and at an air pressure less than 607.8 hPa.

5.5 Lighting

We recommend installing the machine in a location with at least 500 lux (29 1/2" (75 cm) above the floor) for normal operation and maintenance.

5.6 Sunlight

Avoid installing the machine in direct sunlight. Direct sunlight has adverse effects on toner consistency and image quality. If direct sunlight is unavoidable, use curtains to shade the machine. Be sure that the curtains do not block the machine's ventilation slots or louvers, or interfere with the electrical cord or power supply.

5.7 Ammonia

Avoid installing the machine where ammonia is emitted. In a sufficient amount, ammonia will attack the surfaces of the machine's paper feed and image quality components, thereby shortening their useful life and increasing the need for periodic and remedial maintenance.

A professional assessment of the air quality in the room in which the machine is to be installed is recommended prior to its installation.

6. Specifications

This chapter explains the specifications of the main unit and optional accessories.

The specifications provided are approximate values for your reference only, and are subject to change without notice for product improvement or future release.

6.1 Main Unit

Item	Specifications
Name	Canon imageRUNNER ADVANCE C7055
Type	Console
Developing System	Dry Dual Component Toner Projection
Color Supported	Full Color
Engine Resolution	Up to 1,200 dpi x 1,200 dpi
Number of Gradations	256
Memory	2GB RAM (Standard), 2.5 GB (Maximum)
Hard Disk	80 GB (Standard), 1 TB (Maximum)
Paper Weight and Type	<p>Paper Drawers 1 and 2:</p> <p>Weight: 14 lb bond to 80 lb cover (52 to 220 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Bond, and Letterhead</p> <p>Paper Drawers 3 and 4:</p> <p>Weight: 14 lb bond to 80 lb cover (52 to 220 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Bond, Transparency, Tab, and Letterhead</p> <p>Multi-Purpose Tray:</p> <p>Weight: 14 lb bond to 110 lb cover (52 to 300 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Bond, Transparency, Tracing, Labels, Letterhead, Coated, Textured, and Envelopes</p>
Paper Size	<p>Paper Drawers 1 and 2: LTR</p> <p>Paper Drawers 3 and 4: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", 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))</p> <p>Multi-Purpose Tray: 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</p>

Main Unit Table Continued

Item	Specifications		
Margin	Top Margin: 1/8" (4.0 mm) Left and Right Margins: 1/8" (2.5 mm) Bottom Margin: 1/9" (2.0 mm)		
Warm-Up Time	After Powering ON: 5 minutes Returning from the Sleep mode: 5 minutes Returning from the Energy Saver Mode: 100 seconds Activation time may vary, depending on the environment and conditions under which the machine is being used.		
First Copy Output Time	Full Color: 6.6 seconds ^{*1} Black-and-White: 4.9 seconds ^{*2} *1 When 'Color Priority' is selected. *2 When 'Black Priority' is selected.		
Copy Speed (20 lb bond (80 g/m²)) (Except When paper Is Fed from the Multi-Purpose Tray)	Direct (sheets/minute)	Black-and-White	Color
	13" x 19"	25	25
	12 5/8" x 17 11/16"	26	26
	12" x 18"	26	26
	11" x 17"	28	28
	LGL	33	33
	LTR	55	55
	LTRR	41	41
	EXEC	55	55
Paper Feeding System/ Capacity	Paper Drawers 1 and 2: 1,100 sheets x 2 drawers (20 lb bond (80 g/m ²)) Paper Drawers 3 and 4: 550 sheets x 2 cassettes (20 lb bond (80 g/m ²)) Multi-Purpose Tray: 100 sheets (20 lb bond (80 g/m ²))		
Multiple Copies	1 to 9,999 sheets		
Operating Noise	72 dB or less		
Ozone Emissions	0.01 ppm (parts per million) or less (Initial Startup) 0.035 ppm or less (After a short break-in period)		
Power Source	120 V AC, 60 HZ, 20 A		
Maximum Power Consumption	2 kW or less When in the Sleep Mode: 1.0 W		
Dimensions (H x W x D) (With the Duplex Color Image Reader Unit-A1)	48 1/8" x 27 1/8" x 36 3/4" (1,221 mm x 689 mm x 932 mm)		
Weight (Including the Toner Bottle)	Approximately 622 lb (282 kg)		
Installation Space (W x D)	Without the Upright Control Panel: 52 7/8" x 36 3/4" (1,344 mm x 932 mm) With the Upright Control Panel: 55 1/4" x 36 3/4" (1,403 mm x 932 mm) (When the Copy Tray-P1 and Duplex Color Image Reader Unit-A1 are attached, and the multi-purpose tray and auxiliary tray are extended)		

6.2 Duplex Color Image Reader Unit-A1

Item	Specifications
Original Feeding Mechanism	Single Pass Duplex Automatic Document Feeder
Size and Weight of Originals	11" x 17", LGL, LTR, LTRR, STMT, or STMTR Black-and-White Original: 13 lb bond to 80 lb cover (50 to 220 g/m ²) Color Original: 17 lb bond to 80 lb cover (64 to 220 g/m ²)
Original Tray Capacity	300 sheets (20 lb bond (80 g/m ²))
Original Scanning Speed	Copying: LTR in the Black-and-White Mode at 600 dpi: 1-sided scanning: 120 sheets/minute 2-sided scanning: 60 sheets/minute (120 pages) LTR in the Full Color Mode at 600 dpi: 1-sided scanning: 70 sheets/minute * ¹ 2-sided scanning: 35 sheets/minute (70 pages) Scanning* ² : LTR in the Black-and-White Mode at 300 dpi: 1-sided scanning: 120 sheets/minute 2-sided scanning: 100 sheets/minute (200 pages) LTR in the Full Color Mode at 300 dpi: 1-sided scanning: 120 sheets/minute 2-sided scanning: 70 sheets/minute (140 pages) *1 When 'Speed Priority' is selected. *2 The scanning speed may vary, depending on the scanning mode and original type.
Resolution for Reading	Up to 600 dpi x 600 dpi
Acceptable Originals	Sheet, book, three dimensional objects (up to 4.4 lb (2 kg))
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)
Power Source/Consumption	From the main unit. Approximately 180 W
Dimensions (H x W x D)	10" x 25" x 23 7/8" (253 mm x 635 mm x 605 mm)
Weight	Approximately 86.9 lb (39.4 kg)

6.3 Paper Deck Unit-A1

Item	Specifications
Paper Size/Weight/Type	Size: LTR Weight: 14 lb bond to 80 lb cover (52 to 220 g/m ²) Type: Thin, Plan, Heavy, Color, Recycled, and Pre-Punched
Paper Deck Capacity	3,500 sheets (20 lb bond (80 g/m ²))
Power Source	From the main unit.
Maximum Power Consumption	Approximately 44 W
Dimensions (H x W x D)	22 1/2" x 12 3/4" x 22" (570 mm x 323 mm x 583 mm)
Weight	Approximately 81.6 lb (37 kg)
Installation Space Including the Main Unit (W x D)	Without the Upright Control Panel: 54 7/8" x 36 3/4" (1,393 mm x 932 mm) With the Upright Control Panel: 63" x 36 3/4" (1,600 mm x 932 mm) (When the Copy Tray-P1 is attached, and the auxiliary tray is extended.)

6.4 POD Deck Lite-A1

Item	Specifications
Paper Size/Weight/Type	Size: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, and LTRR Weight: 14 lb bond to 110 lb cover (52 to 300 g/m ²) Type: Thin, Plan, Heavy, Color, Recycled, Pre-Punched, Bond, Labels, Transparency, Coated, Textured, and Letterhead
Paper Deck Capacity	3,500 sheets (20 lb bond (80 g/m ²))
Power Source	120-127 V AC, 60 Hz, 5 A
Maximum Power Consumption	Approximately 288 W
Dimensions (H x W x D)	22 1/2" x 23 5/8" x 24 1/2" (570 mm x 601 mm x 621 mm)
Weight	Approximately 110 lb (50 kg)
Installation Space Including the Main Unit (W x D)	65 3/4" x 36 3/4" (1,671 mm x 932 mm) (When the Copy Tray-P1 is attached, and the auxiliary tray is extended.)

6.5 Document Insertion Unit-J1

Item	Specifications
Paper Size/Weight/Type	<p>Size: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, and EXEC</p> <p>Weight: 17 lb bond to 140 lb index (64 to 256 g/m²)</p> <p>Type: Plain, Heavy, Recycled, Color, Tab, Bond, Coated, Textured, and Letterhead</p>
Paper Capacity	100 sheets (20 lb bond (80 g/m ²))
Power Source	100-240 V AC, 50/60 Hz, 5.0 A
Maximum Power Consumption	Approximately 91 W
Dimensions (H x W x D)	48 7/8" x 26 1/8" x 26 3/4" (1,242 mm x 662 mm x 679 mm)
Weight	Approximately 88.2 lb (40 kg)
Installation Space Including the Main Unit (W x D)	82 3/4" x 36 3/4" (2,103 mm x 932 mm) (When the Buffer Pass Unit-F1 and optional Staple Finisher-B1 or Booklet Finisher-B1 are attached, and the multi-purpose tray and auxiliary tray are extended.)

6.6 Document Insertion/Folding Unit-G1

Item	Specifications
Paper Size/Weight/Type	<p>Size:</p> <p>Z-Fold: LTRR, LGL, 11" x 17"</p> <p>C-Fold: LTRR</p> <p>Insertion Unit: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, and EXEC</p> <p>Weight:</p> <p>Z-Fold: 17 to 28 lb bond (64 to 105 g/m²)</p> <p>C-Fold: 17 to 28 lb bond (64 to 105 g/m²)</p> <p>Insertion Unit: 17 lb bond to 140 lb index (64 to 256 g/m²)</p> <p>Type:</p> <p>Z-Fold/C-Fold: Plain, Color, and Recycled</p> <p>Insertion Unit: Plain, Heavy, Color, Recycled, Tab, Bond, Letterhead, Coated, and Textured</p>
Capacity of the Exit Slot	C-Fold: 40 sheets
Capacity of Document Insertion Unit	100 sheets (20 lb bond (80 g/m ²))
Power Source/Maximum Power Consumption	100-240 V AC, 50/60 Hz, 5.0 A Approximately 136 W
Dimensions (H x W x D)	48 7/8" x 26 1/8" x 26 3/4" (1,242 mm x 662 mm x 679 mm)
Weight	Approximately 168 lb (76 kg)
Installation Space Including the Main Unit (W x D)	82 3/4" x 36 3/4" (2,103 mm x 932 mm) (When the Buffer Pass Unit-F1 and optional Staple Finisher-B1 or Booklet Finisher-B1 are attached, and the multi-purpose tray and auxiliary tray are extended.)

6.7 Copy Tray-P1

Item	Specifications
Paper Size/Weight/Type	<p>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</p> <p>Weight: 14 lb bond to 110 lb cover (52 to 300 g/m²)</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-Punched, Bond, Coated, Labels, Tab, Transparency, Tracing, Textured, Letterhead, and Envelopes</p>
Paper Capacity	<p>1-Sided: 250 sheets (20 lb bond (80 g/m²))</p> <p>2-Sided: 100 sheets (20 lb bond (80 g/m²))</p>
Dimensions (H x W x D)	6 7/8" x 16 1/2" x 15" (175 mm x 420 mm x 382 mm)
Weight	Approximately 2.9 lb (1.3 kg)
Installation Space Including the Main Unit (W x D)	52 7/8" x 36 3/4" (1,344 mm x 932 mm) (The auxiliary tray is extended.)

6.8 Staple Finisher-B1

Item	Specifications
Paper Size/Weight/Type	<p>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</p> <p>Weight:</p> <p>Tray A: 14 lb bond to 140 lb index (52 to 256 g/m²)</p> <p>Tray B/Tray C: 14 lb bond to 110 lb cover (52 to 300 g/m²)*¹</p> <p>*¹ The Collate mode cannot be set for paper that weighs less than 16 lb bond (60 g/m²).</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-Punched, Bond, Textured, Tracing, Coated, Labels, Tab, Transparency, Letterhead, and Envelopes</p>

Staple Finisher-B1 Table Continued

Item	Specifications
Capacity Per Tray	No Collating Mode
	Tray A:
	LTR, STMTR, EXEC: 250 sheets (or 1 3/4" (43 mm) in height)
	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 125 sheets (or 7/8" (21 mm) in height)
	Tray B:
	LTR, STMTR, EXEC: 1,300 sheets (or 7 3/8" (188 mm) in height) ^{*1}
	13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)
	Tray C:
	LTR: 2,450 sheets (or 13 5/8" (347 mm) in height) ^{*1}
	STMTR, EXEC: 1,700 sheets (or 9 5/8" (243 mm) in height) ^{*1}
13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)	
Collate and Group Modes	
Tray B:	
LTR, STMTR, EXEC: 1,300 sheets (or 7 3/8" (188 mm) in height) ^{*1}	
13" x 19", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)	
Tray C:	
LTR, STMTR, EXEC: 1,700 sheets (or 9 5/8" (243 mm) in height) ^{*1}	
13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)	
Collate and Group Modes with the Offset Collate Mode	
Tray B:	
LTR, EXEC: 1,300 sheets (or 7 3/8" (188 mm) in height) ^{*1}	
11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)	
Tray C:	
LTR, EXEC: 1,700 sheets (or 9 5/8" (243 mm) in height) ^{*1}	
11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)	
*1 Up to 1,200 sheets (or 3 3/4" (96 mm) in height) when thin paper or custom paper (lighter than 16 lb bond (59 g/m ²)) is selected.	

Staple Finisher-B1 Table Continued

Item	Specifications
Capacity Per Tray (Continued)	<p>Staple Mode</p> <p>Tray B and C:</p> <p>LTR, EXEC: 1,300 sheets/100 sets (or 7 3/8" (188 mm) in height)^{*1}</p> <p>11" x 17", LGL, LTRR: 650 sheets/50 sets (or 3 3/4" (96 mm) in height)</p> <p>Z-Fold Mode (When the Document Insertion/Folding Unit-G1 Is Attached)</p> <p>Tray B, C: 11" x 17": Up to 30 sheets (10 sheets per set when stapling)</p> <p>LGL, LTRR: Up to 10 sheets</p> <p>No Collating, Collate, or Group Mode with Different paper Sizes</p> <p>Tray B, C: 650 sheets (or 3 3/4" (96 mm) in height)</p> <p>Staple Mode with Different Paper Sizes</p> <p>Tray B, C: 650 sheets/50 sets (or 3 3/4" (96 mm) in height)</p> <p>*1 Up to 1,200 sheets (or 3 3/4" (96 mm) in height) when thin paper or custom paper (lighter than 16 lb bond (59 g/m²)) is selected.</p>
Max. 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, EXEC: 50 sheets (21 lb bond (81 g/m²))</p> <p>11" x 17", LGL, LTRR: 30 sheets (21 lb bond (81 g/m²))</p> <p>Corner Staple and Double Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC</p>
Power Source/Maximum Power Consumption	<p>From the main unit. Approximately 95 W</p>
Dimensions (H x W x D)	<p>42 1/8" x 25 5/8" (29 1/2")^{*1} x 25 7/8" (1,071 mm x 649 mm (748 mm)^{*1} x 656 mm)</p> <p>*1 When the auxiliary tray is extended.</p>
Weight	<p>Approximately 106 lb (48 kg)</p>
Installation Space Including the Main Unit (W x D)	<p>73 3/8" x 36 3/4" (1,862 mm x 932 mm) (When the Buffer Pass Unit-F1 is attached, and the multi-purpose tray and auxiliary tray are extended.)</p> <p>77 3/4" x 36 3/4" (1,974 mm x 932 mm) (When the Buffer Pass Unit-F1 and optional External 2/3 Hole Puncher-A1 are attached, and the multi-purpose tray and auxiliary tray are extended.)</p>

6.9 Booklet Finisher-B1

Item	Specifications
Paper Size/Weight/Type	<p>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</p> <p>Weight:</p> <p>Tray A: 14 lb bond to 140 lb index (52 to 256 g/m²) Tray B/Tray C: 14 lb bond to 110 lb cover (52 to 300 g/m²)*¹</p> <p>*1 The Collate mode cannot be set for paper that weighs less than 16 lb bond (60 g/m²).</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-Punched, Bond, Textured, Tracing, Coated, Labels, Tab, Transparency, Letterhead, and Envelopes</p>

Booklet Finisher-B1 Table Continued

Item	Specifications
Capacity Per Tray	<p>No Collating Mode</p>
	<p>Tray A:</p> <p>LTR, STMTR, EXEC: 250 sheets (or 1 3/4" (43 mm) in height)</p> <p>13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 125 sheets (or 7/8" (21 mm) in height)</p>
	<p>Tray B:</p> <p>LTR, STMTR, EXEC: 1,300 sheets (or 7 3/8" (188 mm) in height)^{*1}</p> <p>13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)</p>
	<p>Tray C:</p> <p>LTR: 2,450 sheets (or 13 5/8" (347 mm) in height)^{*1}</p> <p>STMTR, EXEC: 1,700 sheets (or 9 5/8" (243 mm) in height)^{*1}</p> <p>13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)</p>
	<p>Collate and Group Modes</p>
	<p>Tray B:</p> <p>LTR, STMTR, EXEC: 1,300 sheets (or 7 3/8" (188 mm) in height)^{*1}</p> <p>13" x 19", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)</p>
	<p>Tray C:</p> <p>LTR, STMTR, EXEC: 1,700 sheets (or 9 5/8" (243 mm) in height)^{*1}</p> <p>13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)</p>
	<p>Collate and Group Modes with the Offset Collate Mode</p>
	<p>Tray B:</p> <p>LTR, EXEC: 1,300 sheets (or 7 3/8" (188 mm) in height)^{*1}</p> <p>11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)</p>
	<p>Tray C:</p> <p>LTR, EXEC: 1,700 sheets (or 9 5/8" (243 mm) in height)^{*1}</p> <p>11" x 17", LGL, LTRR: 650 sheets (or 3 3/4" (96 mm) in height)</p>
<p>^{*1} Up to 1,200 sheets (or 3 3/4" (96 mm) in height) when thin paper or custom paper (lighter than 16 lb bond (59 g/m²)) is selected.</p>	

Booklet Finisher-B1 Table Continued

Item	Specifications
<p>Capacity Per Tray (Continued)</p>	<p>Staple Mode</p> <p>Tray B and C:</p> <p>LTR, EXEC: 1,300 sheets/100 sets (or 7 3/8" (188 mm) in height)^{*1} 11" x 17", LGL, LTRR: 650 sheets/50 sets (or 3 3/4" (96 mm) in height)</p> <p>Z-Fold Mode (When the Document Insertion/Folding Unit-G1 Is Attached)</p> <p>Tray B, C: 11" x 17": Up to 30 sheets (10 sheets per set when stapling) LGL, LTRR: Up to 10 sheets</p> <p>No Collating, Collate, or Group Mode with Different Paper Sizes</p> <p>Tray B, C: 650 sheets (or 3 3/4" (96 mm) in height)</p> <p>Staple Mode with Different Paper Sizes</p> <p>Tray B, C: 650 sheets/50 sets (or 3 3/4" (96 mm) in height)</p> <p>Saddle Stitch Mode</p> <p>1 to 5 sheets/25 sets, 6 to 10 sheets/15 sets, 11 to 16 sheets/10 sets</p> <p>^{*1} Up to 1,200 sheets (or 3 3/4" (96 mm) in height) when thin paper or custom paper (lighter than 16 lb bond (59 g/m²)) is selected.</p>
<p>Max. Stapling Capacity/ Available Staple Size</p>	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 50 sheets (21 lb bond (81 g/m²)) 11" x 17", LGL, LTRR: 30 sheets (21 lb bond (81 g/m²))</p> <p>Corner Staple and Double Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC</p>
<p>Available Saddle Stitch Capacity/Size</p>	<p>Saddle Stitch:</p> <p>16 sheets (including 1 cover sheet (140 lb index (256 g/m²)) (20 lb bond (80 g/m²)))</p> <p>Size: 12" x 18", 11" x 17", LGL, LTRR</p>
<p>Power Source/Maximum Power Consumption</p>	<p>From the main unit Approximately 124 W</p>
<p>Dimensions (H x W x D)</p>	<p>44 1/8" x 25 5/8" (29 1/2")^{*1} x 25 7/8" (1,121 mm x 649 mm (748 mm)^{*1} x 656 mm)</p> <p>^{*1} When the auxiliary tray is extended.</p>
<p>Weight</p>	<p>Approximately 155 lb (70.5 kg)</p>
<p>Installation Space Including the Main Unit (W x D)</p>	<p>73 3/8" x 36 3/4" (1,862 mm x 932 mm) (When the Buffer Pass Unit-F1 is attached, and the multi-purpose tray and auxiliary tray are extended.)</p> <p>77 3/4" x 36 3/4" (1,974 mm x 932 mm) (When the Buffer Pass Unit-F1 and optional External 2/3 Hole Puncher-A1 are attached, and the multi-purpose tray and auxiliary tray are extended.)</p>

6.10 External 2/3 Hole Puncher-A1

Item	Specifications
Paper Size/Weight/Type	Size: 11" x 17", LGL, LTR, LTRR Weight: 14 lb bond to 140 lb index (52 to 256 g/m ²) Type: Thin, Plain, Heavy (29 lb bond to 140 lb index (106 to 256 g/m ²)), Color, Recycled, Tab, and Coated (29 lb bond to 140 lb index (106 to 256 g/m ²))
Punch Hole Quantity, Hole Diameter	Two holes: 1/4" (6.5 mm) Three holes: 3/8" (8 mm)
Distance between Punch Holes	Two holes: 2 3/4" (70 mm) Three holes: 4 1/4" (108 mm)
Paper Size in Which Holes Can be Punched	Two holes: LGL and LTRR Three holes: 11" x 17" and LTR
Punch Waste Tray Capacity	When approximately 2,500 sheets of paper (20 lb bond (80 g/m ²)) have been punched.
Power Source/Maximum Power Consumption	From the main unit. Approximately 25 W
Dimensions (H x W x D)	32 3/4" x 4 1/4" x 24 1/4" (832 mm x 108 mm x 615 mm)
Weight	Approximately 17 lb (7.7 kg)

6.11 Card Reader-C1

Item	Specifications
Available Cards	Optical
Card Readout Method	Optical readout
Magnetic Card Reading Direction	Face up
Store/Replay	Replay
Power Source	From the main unit.
Dimensions (H x W x D)	1 1/4" x 3 1/2" x 4" (32 mm x 88 mm x 100 mm)
Weight	Approximately 10.4 oz (295 g)

6.12 Super G3 FAX Board

Protocol	Specifications ^{*1}
Telephone Line Used^{*2}	Public Switched Telephone Network
Scan Line Density (Scan, Transmission)	Standard: 8 pels ^{*3} /mm x 3.85 line/mm Fine: 8 pels ^{*3} /mm x 7.7 line/mm Super-Fine: 8 pels ^{*3} /mm x 15.4 line/mm Ultra-Fine: 16 pels ^{*3} /mm x 15.4 line/mm
Transmission Speed	Super G3: 33.6 kbps G3: 14.4 kbps
Compression Method	MH, MR, MMR, JBIG
Transmission Type	Super G3, G3
Sending Original Size	11" x 17" to STMT
Receiving Paper Size	11" x 17" to STMT
Transmission Times	ECM-MMR: Approximately 3.2 seconds G3MR Method: Approximately 13 seconds G3MH Method: Approximately 13 seconds JBIG: Approximately 2.6 seconds
Auto Dial Function	Address Book: 1,800 destinations (Including destinations stored in one-touch buttons.)
Image Memory	Approximately 6,000 pages

*1 The specifications remain the same even when the optional Super G3 2nd Line FAX Board or Super G3 3rd/4th Line FAX Board is installed.

*2 If you use an IP telephone service, facsimile communications may not be performed normally via an IP telephone line. It is recommended to use a general telephone (Public Switched Telephone Network) line for facsimile communications.

*3 Pels stands for picture elements (pixels).

6.13 Protocol Specifications

Protocol	Specifications
TCP/IP	Frame Type: Ethernet II Print Applications: LPD, Raw, IPP, IPPS, FTP, WSD
SPX	Frame Type: Ethernet II, Ethernet 802.2, Ethernet 802.3, Ethernet SNAP, and Auto Detect Print Applications: Bindery PServer, NDS PServer, RPrinter, and NPrinter
NetBIOS^{*1}	Frame Type: Ethernet II Print Applications: SMB
AppleTalk	Frame Type: Ethernet SNAP Print Applications: PAP (Printer Access Protocol)

*1 IPv6 is not supported.

7. System Options

You can expand the functionality of your imageRUNNER ADVANCE C7055 by installing system related optional accessories. This section describes the system related optional accessories and their functions.

7.1 PCL Printer Kit

The PCL Printer Kit supports PCL5e/6 emulation printing solutions, and enables true 1,200 x 1,200 dpi print resolution with the PCL 6 driver.

7.2 PS Printer Kit

The PS Printer Kit enables you to use the machine as a PS (PostScript) printer, and print in true 1,200 x 1,200 dpi resolution.



NOTE

To use the functions of the PS Printer Kit, the optional Additional Memory Type B (512 MB) must be installed on the machine to expand the machine's memory.

7.3 imagePASS-A1

The imagePASS-A1 Printer Kit is a printer controller that attaches to the back of the machine. The imagePASS print controller supports Adobe Genuine PostScript 3, PCL5c, and PCL6, and is suited for office environments in which larger print volumes are frequently processed, or for users who use Adobe PostScript or other PostScript applications.

The table below represents the hardware specifications for the imagePASS-A1 print controller.

Item	Specifications
Base OS	Linux
CPU	Intel Core Duo T2500 2.0 GHz
RAM	1 GB
HDD	80 GB
H/W Platform	Fiery E20
F/W	System 8 Release2
PostScript 3	Y
PCL6	Y
PCL5c	Y
Print Drivers	<ul style="list-style-type: none">• Windows 2000/XP/Server 2003/Server 2008/Windows Vista• Macintosh OS X 10.3.9 or later
Optional Items	<ul style="list-style-type: none">• SecureErase V1.1• Impose V2.7• 512 MB Optional Memory

NOTE

- To use the functions of the imagePASS-A1 print controller, the optional Additional Memory Type B (512 MB) must be installed on the machine to expand the machine's memory.
- UFR II (Ultra Fast Rendering II) is not supported.

7.4 ColorPASS-GX300

The ColorPASS-GX300 is an external print controller that delivers power, performance, and speed to high-end print environments. This controller offers extensive, variable data printing support and superior workflow management. The ColorPASS-GX300 produces true 1,200 x 1,200 dpi print quality, and features the PostScript 3 print language. It also comes packaged with the Command Workstation 5.0 software. The Command Workstation makes managing demanding workflows easier by centralizing job management.

The table below represents the hardware specifications for the ColorPASS-GX300 print controller.

Item	ColorPASS-GX300
Base OS	Windows XP Professional
CPU	Intel Core2 Duo Xeon E8400 2 x 3.0 GHz FSB1333 MHz
RAM	2 GB (Std.), 2 GB (Max.)
HDD	160 GB SATA
H/W Platform	Fiery PRO 80
F/W	System 8 Release2
PostScript 3	Y
PCL6	Y
PCL5	Y
Print Drivers	<ul style="list-style-type: none"> • Windows 2000/XP/Server 2003/Server 2008/Windows Vista • Macintosh OS X 10.3.9 or later
Optional Items	<ul style="list-style-type: none"> • Integrated Interface & Stand-A1 • X-Rite Eye-One • Impose V2.7 • Compose V2.0 • Graphic Arts Feature Set Premium Edition V2.2 • Removable Hard Disk Drive Kit-B1
Dimensions/Weight	19 1/8" x 8 1/2" x 19 1/8" (486 mm x 216 mm x 486 mm) Approximately 43.5 lb

NOTE

- To use the functions of the ColorPASS-GX300, the optional Additional Memory Type B (512 MB) must be installed on the machine to expand the machine's memory.
- UFR II (Ultra Fast Rendering II) is not supported.

7.5 Direct Print Kit (For PDF/XPS Files)

The Direct Print Kit (for PDF/XPS) enables you to print PDF and XPS files directly from the Remote UI. It also enables you to print PDF files from Memory Media.

NOTE

To use the functions of the Direct Print Kit (for PDF/XPS), the optional Additional Memory Type B (512 MB) must be installed on the machine to expand the machine's memory.

7.6 Expansion Bus

The Expansion Bus is necessary to install the IPSec Board and Wireless LAN Board.

7.7 Additional Memory Type B (512 MB)

The Additional Memory Type B (512 MB) expands the memory capacity of the machine to 2.5 GB. It is necessary that you install the Additional Memory Type B to enable the functions of the optional PS Printer Kit, Direct Print Kit (for PDF/XPS), imagePASS-A1, and ColorPASS-GX300.

7.8 IPSec Board

The IPSec Board enables you to use the IPSec (IP Security) communication protocol. IPSec enables you to create a security policy to protect data that is received and sent over an IP network from threats, such as interception, alteration, and theft.

NOTE

- The optional Expansion Bus must be installed to use the IPSec Board.
- The IPSec Board cannot be used with the optional imagePASS-A1 or ColorPASS-GX300.

7.9 Super G3 FAX Board

The Super G3 FAX Board enables you to send and receive fax documents. You can also send documents that have been created in applications directly from your computer via a network.

NOTE

The Canon Fax Driver is supplied with the Super G3 FAX Board. It enables you to send fax images from a computer via the machine.

7.10 Super G3 2nd Line Fax Board

The Super G3 2nd Line Fax Board enables you to use two lines to send and receive fax documents.



NOTE

The Super G3 FAX Board is required.

7.11 Super G3 3rd/4th Line Fax Board

The Super G3 3rd/4th Line Fax Board enables you to use three or four lines to send and receive fax documents.



NOTE

The Super G3 FAX Board and Super G3 2nd Line Fax Board are required.

7.12 Remote Fax Kit

The Remote Fax Kit enables you to share the Fax function on an imageRUNNER ADVANCE machine (with the Remote Fax Kit) with another imageRUNNER ADVANCE machine (that has a fax board installed) on the same network. You can send and receive fax documents via the imageRUNNER ADVANCE machine with a fax board from the imageRUNNER ADVANCE machine that has the Remote Fax Kit.



NOTE

- To enable the functions of the Remote Fax Kit, it must be activated by registering a license key.
- The Remote Fax Kit and Super G3 FAX Board cannot be installed at the same time.

7.13 Universal Send Advanced Feature Set

The Universal Send Advanced Feature Set enables you to make Trace & Smooth PDF, Searchable PDF/XPS, Adobe Reader Extensions PDF, and Office Open XML files.



NOTE

- For more information on the Universal Send Advanced Feature Set modes, see the *Optional Products e-Manual*.
- To enable the functions of the Universal Send Advanced Feature Set, it must be activated by registering a license key.

7.14 Universal Send Security Feature Set

The Universal Send Security Feature Set enables you 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. It also enables the recipient of a PDF or Digital Device Signature PDF/XPS file to verify which device scanned it.

NOTE

To enable the functions of the Universal Send Security Feature Set, it must be activated by registering a license key.

7.15 Universal Send Digital User Signature Kit

The Universal Send Digital User Signature Kit enables you 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.

NOTE

A license key issued by a certificate authority must be registered to activate the Universal Send Digital User Signature Kit.

7.16 Secure Watermark

The Secure Watermark option enables you to embed hidden text in the background of copies. The embedded text only appears when the machine prints the copies.

NOTE

- To enable the Secure Watermark option, it must be activated by registering a license key.
- The Secure Watermark option cannot be used with the optional Document Scan Lock Kit.

7.17 Document Scan Lock Kit

The Document Scan Lock Kit enables you to embed hidden user information or copy restriction information in the output when documents are copied or printed. This helps to reduce the risk of confidential information from being leaked. The Document Scan Lock Kit also enforces the policies written to track information embedded in the document to prevent users from performing restricted tasks, such as copying, sending, scanning, or storing specific documents (Scan Lock function) and identify the user that output the document (Tracking function).

The Image Data Analyzer Board, which is needed to detect the scan lock information, restrict unauthorized copying, and analyze the tracking information is included with this kit.

NOTE

- To enable the functions of the Document Scan Lock Kit, it must be activated by registering a license key.
- The Document Scan Lock Kit cannot be used with the optional Secure Watermark.

7.18 HDD Data Encryption & Mirroring Kit

The HDD Data Encryption & Mirroring Kit encrypts all image data and device settings before storing it on the hard drive. The mirroring function also provides redundancy when utilized with an additional hard disk drive of the same storage capacity. This maintains system uptime and preserves company data in the instance of a hard drive failure.

IMPORTANT

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

NOTE

- The engine HDD and the HDD used for mirroring must be of the same storage capacity.
- The optional 3.5inch/80 GB HDD is required for the mirroring capability.
- The encryption capability is Common Criteria Certified.

7.19 HDD Data Erase Kit

The HDD Data Erase Kit enables you to erase the data stored on the hard disk completely.

7.20 Encrypted Secure Print Software

The Encrypted Secure Print Software enables you to encrypt print data sent from a computer using the Secured Print function and decrypt it at the machine. This enables you to strengthen the security of print data by preventing the content of your printed documents from being seen by other users, and preventing the unauthorized use of confidential information.



NOTE

To use the Encrypted Secure Print Software, it must be activated by registering a license key.

7.21 Removable Hard Disk Drive Kit

The Removable Hard Disk Drive Kit enables the hard disk of the machine to be removed while the machine is unattended or not in use. This kit provides a layer a data security for government agencies and corporate enterprises who need to ensure that the data stored on the hard disk is physically secured when the machine is no longer in use. The kit includes a carrying case and a key to enable easy removal and storage.

7.22 3.5inch/80 GB HDD

Attach the optional 3.5inch/80 GB HDD to the machine to enable HDD Mirroring.



NOTE

- The 3.5inch/80 GB HDD is necessary if you want to perform HDD Mirroring with the HDD Mirroring Kit or HDD Data Encryption & Mirroring Kit.
- The 3.5inch/80 GB HDD does not increase the overall storage capacity of the machine.

7.23 3.5inch/1 TB HDD

Replace the machine's standard 80 GB hard disk drive with the 3.5inch/1 TB HDD to increase the HDD capacity to 1 TB.



NOTE

If the machine is configured with the optional HDD Data Encryption & Mirroring Kit and the 3.5inch/1 TB HDD, you must add an additional 3.5inch/1 TB HDD to enable the Mirroring capability of the primary drive.

7.24 Remote Operator's Software Kit

The Remote Operator's Software Kit enables you to access machine's control panel and specify settings or process jobs from a computer (located on the same network as the machine) remotely.

7.25 USB Device Port-A1

The USB Device Port-A1 adds two USB ports to the machine so you can use a third-party card reader or the optional Multimedia Reader/Writer-A1 for additional media support.

7.26 Multimedia Reader/Writer-A1

The Multimedia Reader/Writer-A1 enables you to use SD, Compact Flash, Memory Stick, and Microdrive memory media for direct print and scan to store operations.



NOTE

To use the Multimedia Reader/Writer-A1, the optional USB Device Port-A1 must be installed.

7.27 Wireless LAN Board

The Wireless LAN Board enables the machine to connect to a wireless network environment, and transfer data via an access point. It is recommended to set a password and authentication method to prevent unauthorized access to your data.



NOTE

- To use the Wireless LAN Board, the optional Expansion Bus must be installed.
- The Wireless LAN Board cannot be used with the optional imagePASS-A1 or ColorPASS-GX300.

7.28 Web Access Software

The Web Access Software enables you to view Web pages from the touch panel display of the machine. If you register PDF files on the Web page, you can print them without using a computer. Moreover, if you create a Web page or special content, and then register it as a PDF file, you can share the Web page or special content with other users.



NOTE

To print PDF files from Web pages, the optional PS Printer Kit or Direct Print Kit (for PDF/XPS), and the Additional Memory Type B (512 MB) must be installed.

7.29 Other imageRUNNER ADVANCE C7055 Main Unit Accessory Options

- Voice Guidance Kit
- Voice Operation Kit
- ADF Access Handle
- Braille Label Kit
- Barcode Printing Kit
- Copy Control Interface Kit (Print-for-Pay solution)
- Serial Interface Kit (Print-for-Pay solution)

8. Installation Review

This chapter describes the necessary number of technicians required to install the machine properly, the time required to install the main unit and optional equipment, and customer installation responsibilities.

8.1 Installation Time

The time required to install the imageRUNNER ADVANCE C7055 depends on the options and accessories to be installed, and the number of technicians performing the installation. Customers should discuss the time requirements with their servicing dealer and schedule the installation accordingly.

The table below indicates the estimated length of time needed to install the main unit and optional accessories from the time the machine is unpacked to when it is installed, and calculated from the average amount of manpower hours. The estimated installation times are based on up to four (4) experienced technicians.

Description	Estimated Time
imageRUNNER ADVANCE C7055 – Main Unit and Buffer Pass Unit	45 minutes
Duplex Color Image Reader Unit-A1	10 minutes
Upright Control Panel-A1	27.7 minutes
Paper Deck Unit-A1	14.3 minutes
POD Deck Lite-A1	17 minutes
Staple Finisher-B1	9.7 minutes
Booklet Finisher-B1	10 minutes
External 2/3 Hole Puncher-A1	10.3 minutes
Card Reader-C1	12 minutes
Card Reader-C1 with the Upright Control Panel-A1	8.6 minutes
Copy Tray-P1	2.3 minutes
Document Insertion Unit-J1	15 minutes
Document Insertion/Folding Unit-G1	14.7 minutes
Multimedia Reader/Writer-A1	13 minutes
USB Device Port-A1	7.2 minutes
Super G3 FAX Board-AD1	10 minutes
Super G3 2nd Line Fax Board-AD1	18.1 minutes
Super G3 2nd Line Fax Board-AD1 & Super G3 3rd/4th Line Fax Board-AE1	28.6 minutes
Additional Memory Type B (512 MB)	4 minutes
Voice Guidance Kit-F1	10.6 minutes
Voice Operation Kit-C1	10.6 minutes
Expansion Bus	14.5 minutes
IPSec Board	10.5 minutes
Removable HDD Kit-AB1	25 minutes
HDD Data Encryption & Mirroring Kit-C1	25 minutes
3.5inch/80 GB HDD-A1	9.2 minutes
3.5inch/1 TB HDD-B1	9.2 minutes
Document Scan Lock Kit-A1 (Image Data Analyzer Board)	8.1 minutes
imagePASS-A1	13.8 minutes
ColorPASS-GX300	22.1 minutes

8.2 Customer Installation Responsibilities

Item	Comment
Identify location for equipment.	Area meets space and service space requirements.
Verify strength of floor and level.	Certified by structural engineers.
Ensure that the equipment can be delivered to the site.	Path is clear and unobstructed.
Confirm proper electrical outlets and power are available.	Dedicated power, and enough outlets for equipment (including accessories).
Area meets environmental specifications.	Temperature and humidity are within specifications, venting provided if necessary.
Network connections available.	If desired.
Security systems and back up plan for data and storage available.	Highly recommended.
TPM key back up plan.	Must have a TPM key back up plan when the TPM setting is activated.

NOTE

For more information on backing up data, see Chapter 1, “Before You Start Using This Machine,” in the *Getting Started Guide*.

9. Consumable Items

Consumable items are all products and materials that are consumed with regular use and cannot be reused. Such consumables are included but not limited to paper, chemicals, and toner.

A number of factors go into the approximate life expectancy of a consumable item, including paper size and the amount of coverage per page.

The Usage Conditions and Consumables tables below state the estimated life expectancy yields based on LTR size paper. Using paper larger than LTR reduces the supply yields and parts life accordingly.

9.1 Usage Conditions

Operate the machine within the following usage conditions to achieve optimal machine performance.

Item	Condition
Operating Temperature	68°F to 80.6°F (20°C to 27°C)
Operating Humidity	30% to 70%
Optimal Performance Range	30,000 to 70,000 ^{*1}
Image Ratio	5%

*1 Based on 20 lb LTR size paper, and under the above optimal environmental conditions.

9.2 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 then should be replaced as needed. Examples of consumable parts include, but are not limited to feed rollers, cleaning blades, fixing assembly components, etc.

An estimated consumable parts life is provided below to assist you in your 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 U.S.A., Inc. 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.

9.2.1 Estimated Life of Consumables

Item	Part Number	Quantity	Estimated Life ^{*1} (Copies/Prints)	Remarks
GPR-33 Black Toner	2792B003AA	1	80,000	5% image ratio
GPR-33 Cyan Toner	2796B003AA	1	52,000	
GPR-33 Magenta Toner	2800B003AA	1	52,000	
GPR-33 Yellow Toner	2804B003AA	1	52,000	

*1 Estimated life is based on LTR paper, single-sided print, and full color.

10. Toner Bottle Yields

The black toner bottle holds approximately 3.7 lb (1,660 g) of toner, and yields approximately 80,000 impressions at 5% coverage on LTR size paper.

The color toner bottles hold approximately 2.07 lb (940 g) of toner, and yield approximately 52,000 impressions at 5% coverage on LTR size paper.

11. Waste Toner Yields

The imageRUNNER ADVANCE C7055 uses an interchangeable waste toner bottle, which collects the waste toner during the printing process.

A service technician should replace the waste toner bottle when approximately 50,000 sheets of LTR paper (5% image ratio) have been printed. When the message indicating that the waste toner bottle is full is displayed, you can print approximately 1,000 sheets of LTR paper at a 5% image ratio before the waste toner container has to be replaced. Contact your service dealer to replace the waste toner container.

When the waste toner hopper becomes completely full, the imageRUNNER ADVANCE C7055 stops. A service technician should replace the full waste toner bottle, and dispose of the toner waste only in a manner that is applicable to the laws in the geographical area where the machine is located.

12. Estimated Performance Standards

The EPS (Estimated Performance Standard) is an estimate of the maximum print and scan volumes the machine can achieve in its life span, depending on certain variables:

- If the machine is maintained and serviced by a Canon authorized service technician
- If only Genuine Canon service and consumable parts are used

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

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

Item	Estimated Performance Standard
Reader Unit	400,000 scans (LTR: fixed reading) 2 million scans (LTR: stream reading) or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
Main Engine	Approximately 9 million pages (LTR) or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)

13. Optimum Monthly Product Performance

The table below describes the differences between the optimum PCV (Print Copy Volume), average PCV, maximum PCV, and duty cycle. Please note that the numbers in the table are for reference purposes only, and depend strongly on the type of media selected and environmental conditions. For information on the optimal environmental conditions for your machine, see [“Environmental Factors and Requirements,”](#) on p. 26.

Monthly PCV Type	Description	Number of Prints/Copies
Optimum PCV	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.	30,000 to 70,000
Maximum PCV	This is the maximum number of prints/copies that you can make in a month. However, sustained use of the machine at this print/copy level will impact the long term performance and durability of the machine. It is recommended to stay within the optimum print/copy volume, and reduce a possible increase in servicing and maintenance issues.	70,000
Duty Cycle	On occasion, the machine can produce up to 230,000 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.	230,000



IMPORTANT

If your business constantly runs the machine at the duty cycle or is consistently run above the maximum PCV, you should consider purchasing additional machines or higher volume machines.

14. Machine Productivity

This chapter describes the productivity of the imageRUNNER ADVANCE C7055.

14.1 Print Speed

One of the key features of the imageRUNNER ADVANCE C7055 is its print speed technology. The imageRUNNER ADVANCE C7055 prints a color and black-and-white, letter-sized sheet of bond paper weighing 14 lb bond (52 g/m²) at 55 ipm.

There is an impact on print speed if you are printing on paper of different sizes, weights, media, and if you are printing double sided jobs. For more information, see [“Mixed Paper Weight Job Productivity,”](#) on p. 57.

The tables below describe the printing speeds one should expect when printing one- or two-sided documents on the indicated paper size and type.

Print Speed Table (1 of 2)

Paper Type	Mode	Size	Productivity (ipm)					
			Paper Drawers		Multi-Purpose Tray		Paper Deck	
			B&W	Color	B&W	Color	B&W	Color
Plain Paper 1 14 to 28 lb bond (52 to 105 g/m ²)	1-Sided	LTR/EXEC	55	55	37	37	55	55
		LTRR	41	41	28	28	41	41
		LGL	33	33	22	22	33	33
		STMTR	55	55	37	37	55	55
		11" x 17"	28	28	18	18	28	28
		12" x 18"	26	26	17	17	26	26
		13" x 19"	25	25	16	16	25	25
	2-Sided	LTR/EXEC	55	55	32	32	55	55
		LTRR	41	41	24	24	41	41
		LGL	33	33	19	19	33	33
		STMTR	55	55	32	32	55	55
		11" x 17"	28	28	16	16	28	28
		12" x 18"	26	26	15	15	26	26
		13" x 19"	25	25	14	14	25	25
Heavy Paper 1, 2 29 lb bond to 80 lb cover (106 to 220 g/m ²)	1-Sided	LTR/EXEC	28	28	18	18	28	28
		LTRR	21	21	14	14	21	21
		LGL	16	16	11	11	16	16
		STMTR	28	28	18	18	28	28
		11" x 17"	14	14	9	9	14	14
		12" x 18"	13	13	9	9	13	13
		13" x 19"	12	12	8	8	12	12
	2-Sided	LTR/EXEC	28	28	16	16	28	28
		LTRR	21	21	12	12	21	21
		LGL	16	16	10	10	16	16
		STMTR	28	28	16	16	28	28
		11" x 17"	14	14	8	8	14	14
		12" x 18"	13	13	7	7	13	13
		13" x 19"	12	12	7	7	12	12

Print Speed Table Continued (2 of 2)

Paper Type	Mode	Size	Productivity (ipm)					
			Paper Drawers		Multi-Purpose Tray		Paper Deck	
			B&W	Color	B&W	Color	B&W	Color
Heavy Paper 3 82 lb cover to 110 lb cover (221 to 300 g/m ²)	1-Sided	LTR/EXEC	18	18	12	12	18	18
		LTRR	14	14	9	9	14	14
		LGL	11	11	7	7	11	11
		STMTR	18	18	12	12	18	18
		11" x 17"	9	9	6	6	9	9
		12" x 18"	9	9	6	6	9	9
		13" x 19"	8	8	6	6	8	8
	2-Sided	LTR/EXEC	-	-	-	-	-	-
		LTRR	-	-	-	-	-	-
		LGL	-	-	-	-	-	-
		STMTR	-	-	-	-	-	-
		11" x 17"	-	-	-	-	-	-
		12" x 18"	-	-	-	-	-	-
		13" x 19"	-	-	-	-	-	-
Coated Paper	1-Sided (29 lb bond to 110 lb cover (106 to 300 g/m ²))	LTR/EXEC	-	-	*1	*1	18	18
		LTRR	-	-	*1	*1	14	14
		LGL	-	-	*1	*1	11	11
		STMTR	-	-	*1	*1	18	18
		11" x 17"	-	-	*1	*1	9	9
		12" x 18"	-	-	*1	*1	9	9
		13" x 19"	-	-	*1	*1	8	8
	2-Sided (29 lb bond to 80 lb cover (106 to 220 g/m ²))	LTR/EXEC	-	-	*1	*1	18	18
		LTRR	-	-	*1	*1	14	14
		LGL	-	-	*1	*1	11	11
		STMTR	-	-	*1	*1	18	18
		11" x 17"	-	-	*1	*1	9	9
		12" x 18"	-	-	*1	*1	9	9
		13" x 19"	-	-	*1	*1	8	8

*1 It is recommended to feed one sheet of coated paper at a time.



IMPORTANT

If you copy/print in the conditions below, you may not achieve the copy/print speeds in the tables above:

- If you feed papers of differing lengths together at the same time.
- If you are printing a job on papers of differing paper weights.
- If you are printing a simplex or duplex job on mixed media.
- If you create a saddle stitched booklet using one sheet.
- If you use tab paper and other paper types at the same time.

14.2 Mixed Paper Weight Job Productivity

The imageRUNNER ADVANCE C7055 is capable of processing jobs that contain paper with different paper weights. However, during the processing of jobs with mixed paper weights, the machine adjusts its fixing temperature, resulting in a printing delay.

14.3 Paper, Toner, and Waste Toner Replacement

The imageRUNNER ADVANCE operator can maintain productivity by removing, replacing, and refilling the paper and toner while the machine is running.

The paper trays can also be opened and refilled during operation. The tray that is being used by the machine during production, however, will be locked. Once the job completes, or the machine switches to another tray, the empty tray unlocks, allowing the operator to prepare for the next job, and add more paper. No productivity is affected and jobs finish faster.

Similar to the paper, the toner bottles can be removed and replaced while a job is printing. The imageRUNNER ADVANCE C7055 has a large toner hopper, making it possible for the machine to run longer with no bottle. The operator is not required to replace the toner bottle immediately after removing the old bottle. Therefore, productivity and image quality are not affected, and jobs finish in the same amount of time.

15. Media Usage/Compatibility

The imageRUNNER ADVANCE C7055 maintains reliable, predictable, and high-quality output. Consistency of the output is dependent on knowing and compensating for variables of a print job. The imageRUNNER ADVANCE C7055 incorporates many control systems which compensate for environmental and print process conditions. Another variable is the print media. Knowing the characteristics of the media guarantees optimal print output.

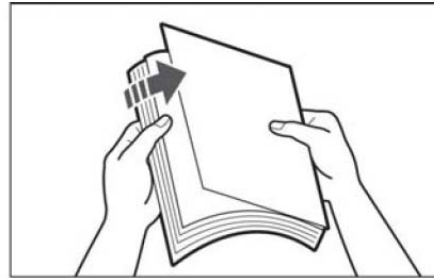
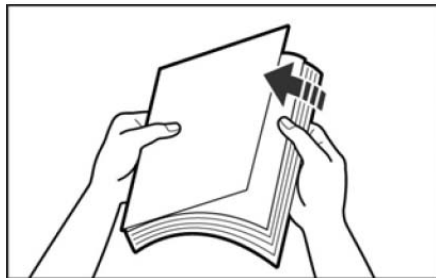
15.1 Media Characteristics by Media Library Parameters

You must be in the Management mode to edit the media characteristics.

Characteristics	Parameters
Paper Size	Select the dimensions of the paper.
Paper Type	Select the type of paper (e.g., Plain, Tab Paper, or Pre-Punched).
Paper Weight	Select the weight of the paper in g/m^2 .
Category	Select whether the paper is a Standard paper type or Custom paper type.
Finish	Select the finish of the paper (e.g., Uncoated or Coated).
Creep (Displacement) Correction	Specify the correction adjustment.

15.2 Paper Handling and Storage

- The permissible humidity range for paper storage is 30% to 70% (with a room temperature of 68°F to 80.6°F (20°C to 27°C)). Storing paper in a location that does not meet these specifications may affect paper feeding and image quality.
- Only use paper that has fully acclimatized to the environment in which the machine is installed. Using paper that has been stored in a different environment (with a different temperature and humidity), may cause paper jams or result in poor print quality.
- We recommend using paper immediately after opening the package. Rewrap any remaining paper in its original package, and store it on a flat surface.
- Before loading paper, make sure to fan the sheets thoroughly so that air runs through the sheets, as shown in the diagrams below.

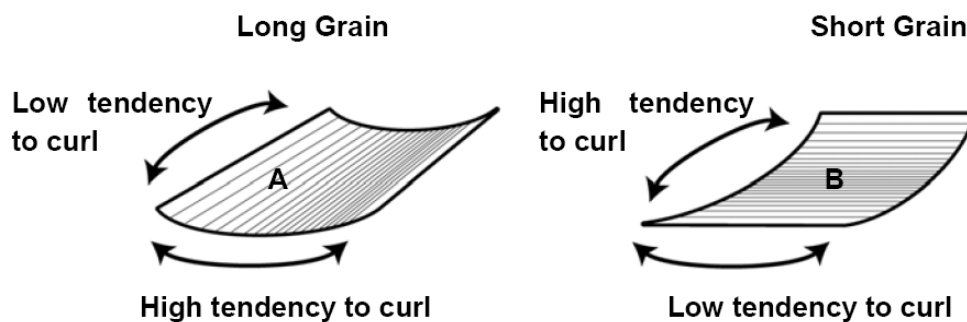


15.3 Paper Grain and Curl

Paper grain and curl can dramatically affect the reliability of machines utilizing an electrostatic process like the imageRUNNER ADVANCE C7055. Paper used in an offset press is usually cut for short edge feeding. This type of paper is not as reliable as paper made for machines utilizing an electrostatic process, which is cut for long edge feeding. Also, the composition of electrostatic paper is different from offset paper, and produces better quality results in a digital machine. When selecting paper for the imageRUNNER ADVANCE C7055 choose paper intended for use in electrostatic machines, such as laser printers and copiers.

If paper jams or poor print quality occur when paper is fed from the optional paper deck, paper curl is often the cause. The paper stiffness, direction of curl, and amount of curl have a strong influence on how well the paper is transported through the machine. If paper is curled, straighten out the paper by gently curling it in the opposite direction to which it is curled.

Paper stiffness depends on the direction of the paper grain. Paper tends to curl in the direction parallel to the grain.



IMPORTANT

When using LTR or smaller paper sizes we recommend using paper with a grain parallel to the long edge (A). For paper sizes larger than 11" x 17", we recommend using paper with a grain parallel to the short edge (B). When using coated paper that weighs less than 105 g/m², we recommend using paper with a grain perpendicular to the feeding direction of the paper.

15.4 Note for Customers Who Cut Their Own Paper

Customers who cut their own paper may experience:

- An increase of paper dust in the machine
- Shortening the life of the machine's fixing rollers due to excessive wear from the rough side of the cut paper
- Paper jams due to paper dust getting into areas of the machine where it is not meant to be
- Improper paper feeding
- Paper registration inaccuracies

Follow the precautions below to minimize the above issues:

- Have a process in place to regularly make sure that the cutting blades are sharpened, and that cuts are made as clean as possible.
- Place the paper with the factory mill cut sides facing to the right (leading edge), and to the front of the machine.
- Pay special attention to the paper grain orientation when cutting it. For more information on paper grain, see ["Paper Grain and Curl,"](#) on p. 60.
- The best results for consistency and front to back registration are obtained by using factory mill cut, digital compatible paper.

15.5 Media Feed Locations

As with all Canon copiers, certain feed locations within the device are capable of feeding specific media sizes and weights.

When considering media, make sure the media is within the proper size and weight parameters of the feed location. Once the desired media is selected the appropriate feed location must be selected.

The default paper types registered in the machine are shown in the table below. The Paper Deck Unit-A1, POD Deck Lite-A1, Document Insertion Unit-J1, and Document Insertion/Folding Unit-G1 are optional.

✓ : Available - : Unavailable

Paper Type (Paper Weight)	Paper Source						
	Paper Drawers 1 and 2 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	Paper Drawers 3 and 4 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	Multi-Purpose Tray (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Paper Deck Unit-A1 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	POD Deck Lite-A1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Document Insertion Unit-J1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Document Insertion/Folding Unit-G1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))
Thin (14 to 16 lb bond (52 to 63 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Plain 1 (17 to 24 lb bond (64 to 90 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Plain 2 (25 to 28 lb bond (91 to 105 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Recycled 1 (17 to 24 lb bond (64 to 90 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Recycled 2 (25 to 28 lb bond (91 to 105 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Color (17 to 24 lb bond (64 to 90 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Heavy 1 (29 to 40 lb bond (106 to 150 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Heavy 2 (56 to 80 lb cover (151 to 220 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Heavy 3 (82 lb cover to 140 lb index (221 to 256 g/m ²))	-	-	✓	-	✓	✓	✓
Heavy 4 (100 to 110 lb cover (257 to 300 g/m ²))	-	-	✓	-	✓	✓	✓
1-Sided Coated 1 (29 lb bond to 66 lb cover) (106 to 180 g/m ²)	-	-	✓	-	✓	✓	✓
1-Sided Coated 2 (67 to 80 lb cover (181 to 220 g/m ²))	-	-	✓	-	✓	✓	✓
1-Sided Coated 3 (82 lb cover to 140 lb index (221 to 256 g/m ²))	-	-	✓	-	✓	✓	✓
1-Sided Coated 4 (100 to 110 lb cover (257 to 300 g/m ²))	-	-	✓	-	✓	✓	✓

Default Paper Types Table Continued

✓ : Available - : Unavailable

Paper Type (Paper Weight)	Paper Source						
	Paper Drawers 1 and 2 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	Paper Drawers 3 and 4 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	Multi-Purpose Tray (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Paper Deck Unit-A1 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	POD Deck Lite-A1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Document Insertion Unit-J1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Document Insertion/Folding Unit-G1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))
2-Sided Coated 1 (29 lb bond to 66 lb cover) (106 to 180 g/m ²)	-	-	✓	-	✓	✓	✓
2-Sided Coated 2 (67 to 80 lb cover) (181 to 220 g/m ²)	-	-	✓	-	✓	✓	✓
2-Sided Coated 3 (82 lb cover to 140 lb index) (221 to 256 g/m ²)	-	-	✓	-	✓	✓	✓
2-Sided Coated 4 (100 to 110 lb cover) (257 to 300 g/m ²)	-	-	✓	-	✓	✓	✓
Textured 1 (29 to 40 lb bond) (106 to 150 g/m ²)	-	-	✓	-	✓	✓	✓
Textured 2 (56 to 80 lb cover) (151 to 220 g/m ²)	-	-	✓	-	✓	✓	✓
Textured 3 (82 lb cover to 140 lb index) (221 to 256 g/m ²)	-	-	✓	-	✓	✓	✓
Textured 4 (100 to 110 lb cover) (257 to 300 g/m ²)	-	-	✓	-	✓	✓	✓
Tracing Paper ^{*1} (17 to 24 lb bond) (64 to 90 g/m ²)	-	-	✓	-	-	-	-
Transparency ^{*2} (56 to 66 lb cover) (151 to 180 g/m ²)	✓	✓	✓	-	✓	-	-
Pre-Punched (17 to 24 lb bond) (64 to 90 g/m ²)	✓	✓	✓	✓	✓	-	-

*1 Use only tracing paper of the recommended weight.

*2 Use only LTR transparencies made especially for this machine.

Default Paper Types Table Continued

✓ : Available - : Unavailable

Paper Type (Paper Weight)	Paper Source						
	Paper Drawers 1 and 2 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	Paper Drawers 3 and 4 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	Multi-Purpose Tray (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Paper Deck Unit-A1 (14 lb bond to 80 lb cover (52 to 220 g/m ²))	POD Deck Lite-A1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Document Insertion Unit-J1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))	Document Insertion/Folding Unit-G1 (14 lb bond to 110 lb cover (52 to 300 g/m ²))
Tab 1 (56 to 66 lb cover (151 to 180 g/m ²))	-	✓	-	-	-	✓	✓
Tab 2 (67 to 80 lb cover (181 to 220 g/m ²))	-	✓	-	-	-	✓	✓
Labels (56 to 66 lb cover (151 to 180 g/m ²))	-	-	✓	-	✓	-	-
Bond (25 to 28 lb bond (91 to 105 g/m ²))	✓	✓	✓	-	✓	✓	✓
Letterhead (56 to 66 lb cover (151 to 180 g/m ²))	✓	✓	✓	✓	✓	✓	✓
Envelopes	-	-	✓	-	-	-	-

15.6 Paper Sizes and Feed Location Chart

The table below represents the available paper sizes and feed locations. The Paper Deck Unit-A1, POD Deck Lite-A1, Document Insertion Unit-J1, and Document Insertion/Folding Unit-G1 are optional.

✓ : Available - : Unavailable

Paper Size		Width x Length	Paper Source						
			Paper Drawer1 & 2	Paper Drawer3 & 4	Multi-Purpose Tray	Paper Deck Unit-A1	POD Deck Lite-A1	Doc. Insert. Unit-J1	Doc. Insert./Folding Unit-G1
13" x 19"		13" x 19"	-	✓	✓	-	✓	✓	✓
12" x 18"		12" x 18"	-	✓	✓	-	✓	✓	✓
12 5/8" x 17 11/16"		12 5/8" x 17 11/16"	-	✓	✓	-	✓	✓	✓
11" x 17"		11" x 17"	-	✓	✓	-	✓	✓	✓
LGL		8 1/2" x 14"	-	✓	✓	-	✓	✓	✓
LTR		8 1/2" x 11"	✓	✓	✓	✓	✓	✓	✓
LTRR		11" x 8 1/2"	-	✓	✓	-	✓	✓	✓
STMTR		5 1/2" x 8 1/2"	-	✓	✓	-	-	-	-
EXEC		7 1/4" x 10 1/2"	-	✓	✓	-	-	✓	✓
Envelope	ISO-B5	7" x 9 7/8" (176 mm x 250 mm)	-	-	✓	-	-	-	-
	ISO-C5	6 3/8" x 9" (162 mm x 229 mm)	-	-	✓	-	-	-	-
	COM 10 (No. 10)	4 1/8" x 9 1/2" (104.7 mm x 241.3 mm)	-	-	✓	-	-	-	-
	Monarch	3 7/8" x 7 1/2" (98.4 mm x 190.5 mm)	-	-	✓	-	-	-	-
	DL	4 3/8" x 8 5/8" (110 mm x 220 mm)	-	-	✓	-	-	-	-
	Nagagata 3	4 3/4" x 9 1/4" (120 mm x 235 mm)	-	-	✓	-	-	-	-
	Yougatanaga 3	4 3/4" x 9 1/4" (120 mm x 235 mm)	-	-	✓	-	-	-	-
	Kakugata 2	9 1/2" x 13 1/2" (240 mm x 332 mm)	-	-	✓	-	-	-	-

Paper Sizes and Feed Location Table Continued

✓ : Available - : Unavailable

Paper Size	Width x Length	Paper Source						
		Paper Drawer1 & 2	Paper Drawer3 & 4	Multi-Purpose Tray	Paper Deck Unit-A1	POD Deck Lite-A1	Doc. Insert. Unit-J1	Doc. Insert./Folding Unit-G1
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)	-	✓ ^{*1}	✓	-	-	-	-

*1 Custom paper sizes can only be fed from this paper source if they are between 5 1/2" x 7 1/8" and 13" x 19 1/4" (139.7 mm x 182 mm and 330.2 mm x 487.7 mm).



NOTE

For instructions on loading and orientating paper, see the *Maintenance e-Manual*.

16. Image Quality Capabilities

The table below describes the type of image quality the customer can expect when using the machine.



IMPORTANT

Following installation and set up, it is strongly recommended that owners of the imageRUNNER ADVANCE C7055 print and store samples of the image quality the product is capable of producing. These samples should serve as a benchmark against which subsequent image quality can be referenced. Samples should be made using as many applications, media, and paper types the owner intends to use on the imageRUNNER ADVANCE C7055.

Item	Equipment Capability	Comment
Overall Document Appearance	No three dimensional appearance. Has look and feel of offset printing. Uniform look and feel.	
Color Uniformity	Color and images are uniform throughout the document. Gradations are smooth and even.	The most demanding customers may occasionally perceive a small amount of mottling in large uniform image areas. Extreme high-humidity conditions can lead to mottling. If the customer requires excellent uniformity, make sure that they follow an aggressive maintenance schedule, and operate the machine within the machine's environmental requirements.
Color & Image Quality Consistency/Stability	Color and image quality is consistent throughout the document, and from one document to another.	
Color Matching	Capable of rendering many of the Pantone color swatches that are used in the graphic arts industry.	You must have the optional imagePASS-A1 or ColorPASS-GX300 installed.

Image Quality Expectations Table Continued

Item	Equipment Capability	Comment
Line Quality	Even and fine lines can be reproduced.	Extreme high-humidity conditions can lead to the break up or blurriness of lines.
Black Reproduction	Blacks are well saturated without mottling.	Extreme high-humidity conditions can lead to mottling.
Text Quality	Sharp, well defined text. No hollow characters or haloing of text characters.	Extremely high-humidity conditions can lead to hollow or the haloing of characters.
Background Level	Stray toner in non-image areas is unperceivable.	Environmental conditions, such as low-humidity, can increase toner levels in the background.
Other Artifacts	As with any printing process, some artifacts, such as spots, void or deleted areas, mottling, streaks, and banding may occur. But, these artifacts are not significant for most users.	Proper servicing of the equipment and adherence to media and environmental requirements help minimize these occurrences.

16.1 Customer-Defined Image Quality Adjustments and Recommendations

Customer-defined image quality adjustments enable you to enhance the productivity of your machine. There are several user modes, such as the Adjust Image Quality and Paper Type Management Settings modes, which provide adjustment functions, to help maintain the desired image quality for each job. These settings also aim at reproducing optimal images under variable factors (i.e., changes in the environment, deterioration due to aging, etc.).

To achieve the best image quality the following factors are recommended:

- Tighter control of the temperature and humidity will result in tighter image quality consistency in the device.
- The device must be properly maintained, which includes performing preventative maintenance as scheduled.
- To maintain proper color calibration on the device, the customer should perform a Shading Correction and a Full Auto Gradation Adjustment once a day and whenever a change in print quality is noticed. Follow these guidelines to calibrate your machine properly:
 - When calibrating your machine, make sure to perform a shading correction first, then an Auto Gradation Adjustment on the engine, and then a calibration with the RIP.
 - If you are using an EFI controller, use a high-quality, 28 lb bond (105 g/m²), 98% brightness, 11" x 17" or LTR sized paper when performing an Auto Gradation Adjustment.
 - If you are using the Canon controller or off the glass copying, you must calibrate the machine to the paper you are using. For example, Heavy 1/2 or Heavy 3/4 paper. Once your job is complete, it is recommended to recalibrate the machine using a high-quality, 28 lb bond (105 g/m²), 98% brightness, 11" x 17" or LTR sized paper.

16.1.1 Adjust Image Quality Modes

The Adjust Image Quality mode enables you to make fine adjustments to the printed image. For more information on specifying the Adjust Image Quality modes, see “Adjustment/Maintenance,” in the *Settings/Registration e-Manual* included with your machine.

You can adjust the following items through the Adjust Image Quality menu:

- Auto Adjust Gradation
- Correct Shading
- Fine Adjust Zoom
- Correct Density
- Auto Correct Color Mismatch
- Color Balance



IMPORTANT

- It is recommended that you select [Full Adjust] when performing an automatic gradation adjustment. Select [Quick Adjust] to perform a quick, but less complete adjustment between regular full adjustment recalibrations.
- If you specify the Correct Shading mode, only 12 5/8” x 17 11/16”, 12” x 18”, 11” x 17”, or LTR plain paper can be used for the test pages. Make sure that a sufficient supply of the aforementioned paper sizes is loaded in a paper source before starting the Correct Shading procedure.

16.1.2 Paper Type Management Settings

The Paper Type Management Settings mode enables you to improve the image quality output result by precisely registering the type of custom or standard paper settings you frequently use in the machine.

You can adjust the following items through the Paper Type Management Settings menu:

- Basis Weight
- Type
- Adjust Creep Correction
- Adj. Ppr. Separation Fan Level
- Adj. Secondary Transfer Volt
- Finish
- Color
- Curl Correction Level
- Adjust Image Position
- Tail End White Patch Correct.



IMPORTANT

- The Paper Type Management Settings mode is only available from the Management mode.
- For more information on specifying the Paper Type Management Settings modes, see “Registering/Editing Custom Paper Types,” in the *Settings/Registration e-Manual* included with your machine.

17. Responsibility Matrix

Action	Responsibility	
	Customer	Dealer
Ensure adequate space and power to properly install the machine.		
Verify floor strength and level.		
Ensure that the equipment can be delivered to the site, and that the path is clear and unobstructed.		
Unpack all delivered items.		
Install all system hardware.		
Connect all system components.		
Install printer files and server.		
Ensure network configuration, and confirm that the device is attached to the network.		
Install client workstation network software.		
Order and replace, as necessary, replaceable items (i.e., drum cartridges, toner, etc.).		
Order and replace the waste toner container, as necessary.		
Provide technical support.		
Provide on-site support.		
Establish an installation file of a typical job, and retain for future reference.		
Perform a Correct Shading procedure once a day.*1		
Perform an Auto Gradation Adjustment once a day.*1		
Back up important data, such as Inbox and Address Book contents on the machine's hard drive periodically.		
Secure data stored on hard drives and in the Advanced Box.		
Storage of the TPM encryption key (if TPM setting is set to 'On').		

*1 For more information, see "Adjustment/Maintenance," in the *Settings/Registration e-Manual* included with your machine.

Primary customer applications for using this equipment:

Special considerations or performance limitations:

I have received a copy of this document.

Customer: _____

Sales Person: _____