



imagePRESS C910/C810/C710

Customer Expectations Document

Version 5



Engineering Services and Solutions
Business Imaging Communications Group, Canon U.S.A., Inc.

Contents

1. Introduction	7
2. Product Overview	8
2.1 Summary of Functions.....	9
2.2 High-Resolution Imaging System for Copied and Printed Images	11
2.3 Image Stabilization Control	12
2.3.1 Automatic Real-Time Multiple Density Patch Calibration.....	12
2.3.2 Automatic Gradation Adjustment	12
2.3.3 Auto Correct Color Tone.....	12
2.4 Customer-Defined Image Quality Adjustments and Recommendations	13
2.5 PRISMAsync Print Server	14
2.5.1 PRISMAsync Printer Server Features	15
2.5.2 PRISMAsync Full Print Server and Print Server LP Licenses	17
2.5.3 PRISMAsync System Backup	19
2.5.4 PRISMAsync Firmware Updates.....	19
2.6 Professional Input/Output Accessories	20
2.7 Storage Capabilities.....	22
2.7.1 Mail Box.....	22
2.7.2 Memory Media	22
2.8 Security Features.....	23
2.8.1 Device Authentication	23
2.8.2 Data Security.....	25
2.8.3 Document Security	27
2.8.4 Network Security.....	28
3. Machine Dimensions and Space Requirements.....	29
3.1 Dimensions	29
3.2 Weight	31
3.3 Installation and Service Space.....	33
3.3.1 Minimum Space Requirements to Transport the Machine and Turn Hallway Corners.....	34
3.3.2 Main Unit Installation Space Diagrams	34
3.3.3 Plockmatic BLM50/BLM35 Installation Space Diagrams	37
3.3.4 MAX Ring Binder Installation Space Diagrams	38
3.4 Recommended Floor Space Requirements	40
3.5 Floor Structure Requirements	40
3.6 Potential System Configurations	41
4. Power/Electrical Requirements	42
4.1 Power Requirements for the Main Unit and Optional Accessories	42
5. Environmental Factors and Requirements	45
5.1 Temperature and Humidity Conditions	45
5.2 Temperature Gradient	45
5.3 Ventilation	46
5.4 Elevation Limitations.....	46
5.5 Lighting.....	46
5.6 Sunlight	46
5.7 Ammonia	46

6. Specifications	47
6.1 Main Unit	47
6.2 PRISMAsync Print Servers	50
6.2.1 USB Stick	52
6.3 imagePRESS Server H350	53
6.4 imagePRESS Server G250	54
6.5 Duplex Color Image Reader Unit-M1	55
6.6 POD Deck Lite-C1	56
6.7 POD Deck Lite XL-A1	57
6.8 Multi-Drawer Paper Deck-C1	58
6.9 Stack Bypass-C1	58
6.10 Stack Bypass Alignment Tray-D1	59
6.11 Long Sheet Tray-B1	59
6.12 Long Sheet Tray-C1	59
6.13 Tab Feeding Attachment-F1	60
6.14 Envelope Feeder Attachment-F1	60
6.15 Envelope Feeder Attachment-G1	60
6.16 Document Insertion Unit-N1	61
6.17 Paper Folding Unit-J1	62
6.18 High Capacity Stacker-H1	63
6.19 Copy Tray-R2	64
6.20 Staple Finisher-W1 PRO	65
6.21 Booklet Finisher-W1 PRO	68
6.22 Staple Finisher-AC1	71
6.23 Booklet Finisher-AC1	74
6.24 Jogger Kit-A1 for the Staple or Booklet Finisher-AC1	77
6.25 Puncher Unit-BS1 and Puncher Unit-BT1	78
6.26 2/3 Hole Puncher Unit-A1	79
6.27 Multi Function Professional Puncher-B1	80
6.28 Card Reader-F1	80
6.29 Perfect Binder-E1	81
6.30 Booklet Trimmer-F1	82
6.31 Two-Knife Booklet Trimmer-A1	83
6.32 SDD Square Fold Booklet-Maker with Two-Knife Trimmer	84
6.33 SDD Square Fold Booklet-Maker	85
6.34 SDD BLM300C Professional Booklet Maker	86
6.34.1 SDD Front Trimmer BLT6989 Specifications	86
6.34.2 SDD 2-Knife Trimmer STR6702 Specifications	87
6.34.3 SDD Rotator RTM6940 Specifications	87
6.34.4 SDD Long Belt Stacker BST6800 Specifications	88
6.34.5 SDD Short Belt Stacker BST6900 Specifications	88
6.35 Plockmatic BLM50/BLM35 Professional Booklet Maker Specifications	89
6.35.1 Plockmatic Trimmer FTR50 Specifications	89
6.35.2 Plockmatic Rotate Crease Trimmer RCT50 Specifications	90
6.35.3 Plockmatic Cover Feeder CF50 Specifications	90
6.35.4 Plockmatic Booklet Fold Module BF50 Specifications	91
6.35.5 SDD Long Belt Stacker BST6800 Specifications	91
6.36 Plockmatic Multi-Purpose Stacker	92

6.37	MAX Ring Binder	93
6.38	GBC eWire Pro Wire Binding System Specifications	94
6.38.1	Binding Specifications.....	94
6.38.2	Bypass Specifications.....	95
6.39	DFD Adapter and Finisher Bridge Unit-A1 Specifications.....	96
6.39.1	DFD Adapter-A1 Specifications.....	96
6.39.2	Finisher Bridge-A1 Specifications	96
7.	System Options and Software	97
7.1	Main Unit with Upright Control Panel and Canon Controller System Options	97
7.1.1	imagePRESS Printer Kit-F1	97
7.1.2	Media Librarian	97
7.1.3	Removable Hard Disk Drive Kit-AB2.....	97
7.1.4	Remote Fax Kit-A1	98
7.1.5	3.5inch/1 TB HDD-M1.....	98
7.1.6	Universal Send PDF Security Feature Set-D1	98
7.1.7	Universal Send PDF Advanced Feature Set-G1	98
7.1.8	Digital User Signature PDF Kit-C1	98
7.1.9	HDD Data Encryption & Mirroring Kit-E3	99
7.1.10	Data Erase Kit-C1	99
7.1.11	Encrypted Secure Print Software-D1	99
7.1.12	USB Device Port-A3	100
7.1.13	Multimedia Reader/Writer-A3	100
7.1.14	Web Access Software-H1.....	100
7.1.15	Access Management System Kit-B1.....	100
7.1.16	Other imagePRESS C910/C810/C710 Main Unit Accessory Options	100
7.2	PRISMA Workflow Software.....	101
7.2.1	PRISMAdirect.....	101
7.2.2	PRISMAprepare.....	101
8.	Safety Notification	102
9.	Installation Review	103
9.1	Installation Time.....	103
9.2	Customer Installation Responsibilities	104
10.	Consumables	105
10.1	Consumable Parts	105
10.1.1	Estimated Life of Consumables.....	106
11.	Toner Bottle Yields	106
12.	Waste Toner Yields.....	106
13.	Estimated Performance Standards	107
14.	Optimum Monthly Product Performance.....	108
15.	Machine Reliability and Productivity	109
15.1	Print Speed	109
15.2	Mixed Media Productivity.....	119
15.3	Mixed Paper Weight Job Productivity	119
15.4	Paper and Toner Replacement.....	119

16. Media Usage/Compatibility.....	120
16.1 Canon Controller Media Characteristics by Media Library Parameters	120
16.2 PRISMAsync Print Servers Media Characteristics by Media Catalog Parameters.....	122
16.3 Media Specific Adjustments for the PRISMAsync Print Servers	123
16.4 Paper Handling and Storage	125
16.5 Paper Grain and Curl.....	126
16.6 Note for Customers Who Cut Their Own Paper	127
16.7 Media Feed Locations	128
17. Responsibility Matrix	129

IMPORTANT

The purpose of this Customer Expectations Document is to explain the current features and capabilities of the imagePRESS C910/C810/C710, 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. 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 on the e-Support Web site (support.cusa.canon.com).

DISCLAIMER

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

Copyright 2019 by Canon U.S.A., Inc. All rights reserved.

Océ, PRISMAsync, PRISMAdirect, PRISMAprepare, and DPLink are registered trademarks of Océ-Technologies B.V.

Product and company names used herein are, or may be, the registered trademarks or trademarks of their respective owners.

1. Introduction

The Canon imagePRESS C910/C810/C710 Customer Expectations Document contains information about the features and capabilities of the Canon imagePRESS C910/C810/C710. 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 imagePRESS C910/C810/C710. It is also recommended that those interested in purchasing the imagePRESS C910/C810/C710 have, and familiarize themselves with, the information in this document prior to making their purchase.

Version 5 adds paper size and type restrictions for the Staple Finisher-W1 PRO and Booklet Finisher-W1 PRO when the DFD Adapter and Finisher Bridge-A1 is attached, and adds the Jogger Kit-A1 specifications for the Staple Finisher-AC1 and Booklet Finisher-AC1.

2. Product Overview

The Canon imagePRESS C910 Series machines are digital, color presses with a small footprint engine, and bring the following capabilities to users in a light-production, color environment:

- Prints in speeds up to 90 ppm (pages-per-minute), 80 ppm, or 70 ppm (LTR (up to 220 g/m²) in color and black-and-white), depending on the model purchased.
- The imagePRESS C710 can be configured with these print controllers:
 - imagePRESS Printer Kit-F1 (standard)¹
 - imagePRESS Server H350¹
 - imagePRESS Server G250¹
 - PRISMAsync Print Server
 - PRISMAsync Print Server LP
- The customer must select to use either the optional Duplex Color Image Reader Unit-M1 with scanning speeds of up to 150 sheets-per-minute (duplex, black-and-white, at 600 dpi) and up to 85 sheets-per-minute (duplex, full color, at 600 dpi), and 300-sheet capacity, or an optional Printer Cover for the printer-only model.
- A finishing option, such as a staple or booklet finisher, high capacity stacker, output tray, professional puncher, document insertion unit, paper folding unit, or booklet trimmer must be attached to the machine.
- A maximum standard paper size of 13" x 19.2" (in the Main Unit Paper Cassettes) is supported.
- A maximum long-sheet paper size of 13" x 51.2" (fed one sheet at a time) is supported from the Stack Bypass-C1 (with the Long Sheet Tray-B1)². A maximum long-sheet paper size of 13" x 30" is supported from the optional POD Deck Lite XL-A1³.
- Support for 350 g/m² Heavy Paper⁴.
- Standard Remote Operator's Software Kit (with the imagePRESS Printer Kit or imagePRESS Server only), which enables the control panel screens to be emulated on a networked computer, so users (with a physical impairment, for example), can specify settings, and access the control panel remotely.
- Third party accessories, such as the SDD (Smart Dedicated Design) Square Fold Booklet-Maker, SDD Square Fold Booklet-Maker with Two-Knife Trimmer, SDD BLM300C Professional Booklet Maker, MAX Ring Binder, and Plockmatic Booklet Maker 50 or Booklet Maker 35 Professional Booklet Maker System can be attached⁵.

1 The customer must select the Upright Control Panel-G1 or an imagePRESS Server kit set item.

2 Long sheets, from 30" to 51.2", may require someone to manually input sheets into the engine and retrieve the printed sheets from the Finisher or High Capacity Stacker.

3 If the optional Staple or Booklet Finisher-W1 PRO or Staple or Booklet Finisher-AC1 is attached, the Long Sheet Tray-C1 is required to catch long sheets (from 19.2" to 51.2").

4 Only supported from the optional Stack Bypass-C1, POD Deck Lite, POD Deck Lite XL, and Multi-Drawer Paper Deck.

5 Only supported on the imagePRESS C910 or C810.

2.1 Summary of Functions

Function		imagePRESS C910	imagePRESS C810	imagePRESS C710
Print Speed (LTR)	B&W	90 ppm	80 ppm	70 ppm
	Color			
Scan Speed ⁶ with Optional Duplex Color Image Reader Unit-M1 (Copying, LTR, 600 dpi)	Simplex	B&W: 120 ipm (images per minute) ⁷ Color: 70 ipm		
	Duplex	B&W: 150 ipm ⁷ Color: 85 ipm		
Scan Speed ⁶ with Opt. Duplex Color Image Reader Unit-M1 Scanning, LTR, 300 dpi)	Simplex	B&W and Color: 120 ipm		
	Duplex	B&W: 230 ipm ⁷ Color: 150 ipm		
DADF		Optional Automatic Duplex Feeder with the Color Image Reader Unit-M1		
DADF Capacity		300 sheets (20 lb bond (80 g/m ²))		
Engine Resolution		2,400 x 2,400 dpi (For long sheets only: 600 x 600 dpi)		
Gradations		256 levels		
Warm-Up Time ⁸		After Powering ON: Fewer than 6 minutes ⁹ Returning from the Sleep mode: Fewer than 6 minutes		
First Copy Output Time		Full Color: Approximately 7.7 seconds (when 'Color Priority' is selected) B&W: Approximately 6.9 seconds (when 'Black Priority' is selected)		
Paper Size	Min	4" x 5 7/8"		
	Max	Paper Decks: 13" x 19.2" Stack Bypass: 13" x 51.2" ¹⁰ POD Deck Lite XL: 13" x 30"		
Paper Weight	Drawers	Uncoated: 14 lb bond to 110 lb cover (52 to 300 g/m ²)		
	Multi-Drawer Paper Deck-C1	Uncoated: 14 lb bond to 129 lb cover (52 to 350 g/m ²) Coated: 22 lb bond to 129 lb cover (85 to 350 g/m ²)		
	POD Deck Lite-C1			
	POD Deck Lite XL			
	Stack Bypass			
HDD Capacity		Standard 1 TB		
Printer Memory		Standard 3.5 GB RAM (1.5 GB + 2 GB)		
Maximum Print Area		12.7" x 29.7" (323 mm x 754 mm) and 12.7" x 50.8" (323 mm x 1,292 mm)		
Copy		Optional (w/Duplex Color Image Reader Unit-M1)		
Store	Mail Box	Standard (when an imagePRESS Printer Kit or imagePRESS Server is attached)		
	Memory Media Support	Standard (USB) (when the imagePRESS Printer Kit ¹¹ or imagePRESS Server is attached)		
Print	imagePRESS Printer Kit ¹¹	Optional (UFR II, PCL5e/6, Adobe PostScript)		
	PRISMAsync Print Server	Optional (Adobe PostScript/PDF)		
	imagePRESS Server H350	Optional (Adobe PostScript/PDF)		
	imagePRESS Server G250	Optional (PCL5e/6, Adobe PostScript/PDF)		

⁶ The scanning speed may vary, depending on the scanning mode and original type selected.

⁷ When the Speed Priority mode is selected.

⁸ Activation time may vary, depending on the environment and conditions under which the machine is being used. (At a room temperature of 68°F.)

⁹ If the Quick Startup Settings for Main Power mode is set to 'On', it takes approximately 7 seconds until key operations on the touch panel display are available.

¹⁰ Requires the optional Long Sheet Tray-B1.

¹¹ Standard equipment on the imagePRESS C710.

Summary of Functions (Continued)

Function		imagePRESS C910	imagePRESS C810	imagePRESS C710
Send	Universal Send	Standard		
	PDF High Compression	Standard		
	PDF Advanced Feature Set	Optional		
	PDF Security Feature Set	Optional		
	PDF Digital User Signature	Optional		
Remote Fax		Optional (w/Remote Fax Kit-A1)		
Network		Standard Ethernet 10 Base-T/100 Base TX/1000 Base-T, Optional Wireless LAN		
Remote UI		Standard		

2.2 High-Resolution Imaging System for Copied and Printed Images

The imagePRESS C910/C810/C710 provides a high-resolution imaging system. This system renders images at a 2,400 x 2,400 dpi print resolution (600 x 600 dpi maximum for long sheets only), 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 2,400 x 2,400 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 imagePRESS C910/C810/C710 minimizes these issues, stabilizes image production, and maintains color consistency with features, such as Automatic Real-Time Multiple Density Patch Calibration, Auto Gradation Adjustment, and Auto Correct Color Tone.

2.3.1 Automatic Real-Time Multiple Density Patch Calibration

Real-Time Density Patch Calibration helps to maintain color consistency by making automatic, real-time adjustments during print runs without operator intervention.

2.3.2 Automatic Gradation Adjustment

Automatic Gradation Adjustment is a function that helps to automatically adjust toner density. Select from two modes:

- SAPT (Same for All Paper Types) – customers only need to execute the automatic gradation adjustment for one media type, and then the machine automatically adjusts for the other two process speeds.
- BPTG (By Paper Type Groups) – execute automatic gradation adjustment for all three process speeds, if necessary.

Customers can also register custom media for the automatic gradation adjustment, if they cannot prepare the Canon recommended calibration paper (Hammermill Color Copy Digital 28 lb). For more information on the Automatic Gradation Adjustment modes, see “Adjustment for Image Quality and Finishing (Calibration),” in the *e-Manual* included with the machine.

2.3.3 Auto Correct Color Tone

ACCT (Auto Correct Color Tone) is a unique Canon technology that creates a correction value to enhance color consistency for mixed colors. ACCT is now available when any print controller is attached.

2.4 Customer-Defined Image Quality Adjustments and Recommendations

Customer-defined image quality adjustments enable the customer to enhance the productivity of the machine. There are several ways to maintain color consistency for each job. The recommendations below aim at reproducing optimal images under variable factors (i.e., changes in the environment).

To achieve the best image quality, the following factors are recommended.

All Controllers

- Tighter control of the temperature and humidity will result in tighter color consistency in the device.
- The device must be maintained properly, which includes performing preventative maintenance as scheduled.
- The customer can also maintain proper color calibration on the device by performing an Automatic Gradation Adjustment once a day. For optimal quality, the customer should perform an Auto Gradation Adjustment whenever a change in print quality is noticed and when dither pattern adjustments are made. It is strongly suggested that the customer uses one media for the Automatic Gradation Adjustment daily. The media for optimal color control should be consistent with Hammermill 28 lb color laser.
- Some customers may want to incorporate a Color Management workflow that consists of not only the above, but also utilizes the Color and Imaging features included with the attached print controller.

PRISMAsync Only

Optimal quality is maintained through the calibration of media families in use. Additionally, each halftone can be calibrated per media family for an environment that requires the highest degree of color control.

Best Practices: While working, Color Management must be implemented with consistency. This, along with a stable environment and a well-maintained system, makes the customer's ability to reproduce color more efficient.

2.5 PRISMAsync Print Server

The PRISMAsync Print Server for iPR C910-A2 can power the imagePRESS C910, C810, and C710. There are two versions of the PRISMAsync Print Server: PRISMAsync Print Server (full) version (for all imagePRESS C910, C810, and C710 machines) and PRISMAsync Print Server LP (Light Production) version (for the imagePRESS C810 and C710 only).

The full PRISMAsync Print Server version is designed for print operations and in-plants that require full-color management and workflow functionality. This PRISMAsync Print Server ships standard with the Operator Panel, Operator Panel Attachment Kit, Operator Attention Light, and X-Rite i1 Basic Pro 2 Spectrophotometer.

The PRISMAsync Print Server LP version is designed for smaller print operations and in-plants that do not require the full-color management and workflow functionality of the full PRISMAsync Print Server, but want to maintain a common workflow and printer interface between the digital presses in their fleet. The PRISMAsync Print Server LP ships standard with the Operator Panel, and Operator Panel attachment kit.

2.5.1 PRISMAsync Printer Server Features

The PRISMAsync Print Servers have the following features.

- **Security:**
 - Prevents old passwords from being reused.
 - Passphrase-protected system back-ups.
 - Users can log on with a smart card or NFC card.
 - Support for customers who use the IEEE 802.1x network protocol.
 - HCD-PP (Hard Copy Devices-Protection Profile)-ready and FIPS 140-2-compliant.



IMPORTANT

- **Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance. Some security features may impact functionality/performance; you may want to test these settings in your environment.**
- **Canon U.S.A., Inc. does not provide legal counsel or regulatory compliance consultancy, including without limitation, Sarbanes-Oxley, HIPAA, GLBA, Check 21 or the USA Patriot Act. Each customer must have its own qualified counsel determine the advisability of a particular solution as it relates to regulatory and statutory compliance.**
- **Create Banners, Trailers, and Separator Pages on All Job Levels –** Customers can create banner pages, trailer pages, and separator pages on specified media on all job levels via JDF and AWF (Automated Workflows). Customers can also edit these pages in PRISMAsync Remote Printer Driver, Ticket Editor, and Remote Manager.
- **Extended Automated Workflows –** Extends the number of settings that can be specified in an Automated Workflow.
- **Double Feed Detection –** Enables the customer to control how the PRISMAsync handles a double-feed detection for a specific media in the input tray.

- **Create a PDF Report for both G7 Verification and Color Validation¹²** – The G7 verification and color validation test results can be created and printed from the operator panel at the end of the procedure. These results can be shared with employees or people of interest within the print production environment (e.g., color consultants or the print production manager).
- **PRISMAsync Remote Match** – A cloud-based intelligence that connects to a PRISMAsync Print Server¹³ to synchronize crucial device settings. It is centrally operated, whereby the system administrator decides which devices should be synchronized, when and how. Optional settings that can be synced include color presets, media catalogue, spot colors, workflow settings, and hot folders.
- **PRISMAsync Remote Control** – Provides new logging capabilities for optimal troubleshooting support.
- **PRISMAlytics Dashboard¹⁴** – Enables the customer to view the consumable counters.

12 Included in the full version of the PRISMAsync Print Server. Requires the optional Advanced Color Management Package for the PRISMAsync Print Server LP.

13 The device must be of the same series and have the same PRISMAsync version.

14 Included in the full version of the PRISMAsync Print Server. Requires the optional Power Up Package for the PRISMAsync Print Server LP.

2.5.2 PRISMAsync Full Print Server and Print Server LP Licenses

This section describes the standard and optional licenses that come with both PRISMAsync Print Server versions.

Feature/License	PRISMAsync Print Server (Full)	PRISMAsync Print Server (LP)	Description
Adobe PostScript 3	Standard	Standard	Supported
APPE V5.1	Standard	Standard	Supported
PDF-VT1	Standard	Standard	Supported
Scan to File	Standard	Standard	Scan to E-Mail/FTP feature
Multiple Queues (and Hot Folders)	Standard	Standard	Create multiple LPR queues or PS/PDF hot folders to automate the customer's workflow for repetitive jobs.
Scheduler	Standard	Standard	Enables up to 8 hours of scheduling on the operator panel.
Remote Manager	Standard	Standard	Enables the customer to view and manage multiple machines from a remote location.
Remote Service	Standard	Standard	Enables the customer to service the machine from a remote location.
Integrity Checker	Standard	Standard	The System Administrator can enable the White Listing feature to track and validate any attempt to change the PRISMAsync software.
Basic Color Management	Standard	Standard	Enables basic color management tools, such as Color pre-sets, Pixel Precise Preview, Spot Color Editing, Digital Moiré, Calibration, Realistic Preview, and CMYK curve editing.
Advanced Color Management	Standard	Optional with Advanced Color Management Package	Enables advanced color management tools, such as Color mapping, Composite output profiles (device simulation), APPE Trapping, Color control bars, Information bars, Import and export of spot color libraries, Embedded profiler, G7 Calibration, G7 Verification, Color Validation, and Device Links.
DocBox	Standard	Optional with Power Up Package	Provides storage for folders that need to be submitted, editing and storage locations for jobs.
Page Programming	Standard		Customers can edit jobs on the page level by using actual job thumbnails at the user interface.
Accounting	Standard		Supported
PRISMAlytics Dashboard	Standard		Collects production data automatically, and transforms it into business critical information in a comprehensive view.
E-Shredding	Optional	Optional	Enables the ability to overwrite user data (print, copy, and scan) after it was deleted from the system.
Asian Font Sets	Optional	Optional	Includes Simplified Chinese, Traditional Chinese, Japanese, and Korean fonts.
Streaming	Standard (Spool/RIP/Print/Delete)	N/A	
PPML Printing	Standard		Enables the support for PPML jobs (PPML 1.5, 2.1, and 2.2).
DP Link	Optional		Integrates with Xerox DigiPath or Xerox FreeFlow system.

**IMPORTANT**

- If the customer has the PRISMAsync Print Server and has attached the Perfect Binder-E1 to the machine, the customer must purchase PRISMAprepare and the Advanced Document Creation license.
- E-Shredding has an impact on product performance. Depending on the E-Shredding settings (number of overwrites) and the complexity of the processed job data, an impact of 10% to 40% can be expected on product performance.

2.5.3 PRISMAsync System Backup

To backup the PRISMAsync system settings and licenses, a technician must use the USB key included in the PRISMAsync box.

To backup the PRISMAsync's firmware, a technician must use a specific type of USB stick (available for purchase), as described in ["USB Stick,"](#) on p. 52.

The USB key and USB stick are the same types of physical hardware (flash drives); however, they are both used for different purposes.

It is strongly recommended that technicians make a backup of the system after installation, major system changes, or upgrades on the provided USB key.

The USB key must be left with the PRISMAsync Print Server.

2.5.4 PRISMAsync Firmware Updates

It is recommended that a technician use a specific kind of USB stick to upgrade or restore the PRISMAsync Print Server firmware. The USB stick is NOT included in the PRISMAsync box.

The USB stick used for upgrading the controller firmware must adhere to specific technical requirements. For the USB stick's technical requirements, see ["USB Stick,"](#) on p. 52.



IMPORTANT

- Before downloading new firmware on the USB stick, the USB stick must be formatted (all contents on the stick erased). During the firmware update process, the current firmware on the PRISMAsync Print Server is erased and replaced by the newly installed firmware. Therefore, it is highly recommended that the technician backup the PRISMAsync system settings and licenses on the USB key first. Then, after the firmware is updated (using the USB stick), the installed licenses and settings can be restored using the USB key.
- Once the USB stick has been used to update firmware on the PRISMAsync Print Server, it cannot be used again until the format process is repeated.
- The USB key and USB stick should not be used interchangeably.
- Using a USB stick that does not meet the specific technical requirements, may result in an error when backing up the system settings or an error when installing firmware.

2.6 Professional Input/Output Accessories

The imagePRESS C910, C810, and C710 feature many input and output accessories that enable customers who work in light-production 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, including notes on required equipment and limitations, see [“Specifications.”](#) on p. 47.

Input Accessories

- Duplex Color Image Reader Unit-M1
- POD Deck Lite-C1
- POD Deck Lite XL-A1
- Multi-Drawer Paper Deck-C1
- Stack Bypass-C1

Finishing (Output) Accessories

- Staple Finisher-W1 PRO
- Staple Finisher-AC1
- Puncher Unit-BS1, Puncher Unit-BT1
- 2/3 Hole Puncher Unit-A1
- Copy Tray-R2
- Document Insertion Unit-N1
- High Capacity Stacker-H1
- HCS Long Sheet Tray-C1
- Long Sheet Tray-C1
- SDD Square Fold Booklet-Maker with Two-Knife Trimmer
- MAX Ring Binder
- Plockmatic BLM50/BLM35 Professional Booklet Maker System¹⁷
- Booklet Finisher-W1 PRO
- Booklet Finisher-AC1
- Perfect Binder-E1¹⁵
- Booklet Trimmer-F1
- 2-Knife Booklet Trimmer and Conveyor Set¹⁶
- Paper Folding Unit-J1
- Long Sheet Tray-B1
- SDD BLM300C Professional Booklet Maker
- SDD Square Fold Booklet-Maker
- Multi Function Professional Puncher-B1
- GBC eWire Pro
- Plockmatic Multi-Purpose Stacker (available later)

15 If the customer has the PRISMAsync Print Server and the Perfect Binder-E1 is attached to the machine, the customer must purchase the PRISMAprepare and Advanced Document Creation licenses.

16 Requires the Booklet Trimmer-F1.

17 The Plockmatic Booklet Maker System includes the BLM50 or BLM35, RCT (Rotate Crease Trim Module), CF (Cover Feeder Module), BF (Booklet Fold Module), TR (Trimmer Module), and BST (BST4000-1 Belt Stacker Module).


IMPORTANT

- Only one finisher and only one puncher unit, depending on the finisher, can be selected.
- The Two-Knife Booklet Trimmer-A1 and SDD Square Fold Booklet-Maker with Two-Knife Trimmer cannot be installed together.
- Only one High Capacity Stacker-H1 can be attached to the machine.
- The SDD BLM300C finishing system must be the final in-line accessory attached to the machine.
- The only accessories that can be attached to the machine after the MAX Ring Binder are the Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO, Booklet Trimmer-F1, and Two-Knife Booklet Trimmer-A1. These options require pedestals to make the feeding slots of the finishing accessories even with the output slot of the MAX Ring Binder.
- Only one DFD Finisher can be included in a configuration. DFD finishers include: Plockmatic BLM50/35, SDD BLM300C, Max Ring Binder, and Plockmatic Multi-Purpose Stacker.
- The Plockmatic Multi-Purpose Stacker (available later) is supported by the imagePRESS C910 and imagePRESS C810 only.

2.7 Storage Capabilities

The imagePRESS C910/C810/C710 offer two built-in storage methods with flexible linkage to external systems for storing scanned documents and accessing stored files.

- Mail Box
- Memory Media



IMPORTANT

- The Mail Box and Memory Media storage systems are only available when an imagePRESS Server print controller or imagePRESS Printer Kit is attached to the machine.
- 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 backup plan. Canon U.S.A., Inc. offers several security options to enhance document handling and storage security needs. See ["System Options and Software,"](#) on p. 97.
- It is strongly recommended to back up the data stored on the hard disk drive.

2.7.1 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, the file format of the scanned documents can be converted into another format, such as TIFF, PDF, XPS, and JPEG, to send via e-mail or fax by using the Send function. Up to 100 mailboxes can be used, and a name or password can be set 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.

2.7.2 Memory Media

Memory Media is storage that can be used by attaching a USB memory stick to the USB port on the optional Upright Control Panel-G1. A document can be scanned with this machine and stored in memory media in the PDF, XPS, JPEG, or TIFF file format, and also the file stored in the memory media can be printed on this machine at any time with the desired print settings.

If the optional USB Device Port-A3 and Multimedia Reader/Writer-A3 are installed, a user can use an SD card, Memory Stick, Compact Flash card, and Microdrive. For more information, see ["USB Device Port-A3,"](#) on p. 100, and ["Multimedia Reader/Writer-A3,"](#) on p. 100.

2.8 Security Features

The imagePRESS C910/C810/C710 include a comprehensive set of security features, such as Device Authentication, Data Security, Document Security, and Network Security.



IMPORTANT

- **Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance. Some security features may impact functionality/performance; you may want to test these settings in your environment.**
- **Canon U.S.A., Inc. does not provide legal counsel or regulatory compliance consultancy, including without limitation, Sarbanes-Oxley, HIPAA, GLBA, Check 21 or the USA Patriot Act. Each customer must have its own qualified counsel determine the advisability of a particular solution as it relates to regulatory and statutory compliance.**

2.8.1 Device Authentication

There are a few ways to authenticate users at the device, if the optional imagePRESS Printer Kit-F1, imagePRESS Server H350, or G250 is attached.

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

2.8.2 Data Security

The imagePRESS C910/C810/C710 offer several ways to protect and secure data. It is strongly recommended that a backup and security system be in place, along with an antivirus protection system to make sure that no data on the hard disk drives is lost, stolen, or compromised.

The information in this section is only available when the imagePRESS Printer Kit, imagePRESS Server H350, or imagePRESS Server G250 is attached.

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.)

- **TPM (Trusted Platform Module)** - TPM is a standard security chip (tamper resistant hardware) installed in the imagePRESS C910/C810/C710. 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, the confidential information stored on the chip can only be recovered if Canon's service representative replaces the TPM chip and restores the original TPM key to the new chip. Immediately, back up the TPM key on a USB memory stick, after the TPM setting is activated.
- Only the Administrator of the machine can back up the TPM key.
- For security reasons, the TPM key can only be backed up once. Store the USB memory with the backup data in a safe place.
- For the backup of the TPM key, it is recommended that a USB memory stick (supported system file: FAT32) with free space of 10 MB or more is used.
- The TPM seals the hardware components associated with the data, and the data cannot be accessed unless the specific TPM key is issued by the TPM chip. Therefore, setting the TPM mode to 'On,' may affect service procedures and service costs (if not handled properly). It is strongly recommended that the Administrator who has access to the TPM key be present for all service calls to prevent the loss of data and productivity of the machine.

- **Removable HDD Kit-AB2** - The optional Removable HDD Kit-AB2 provides the capability to physically remove the hard disk drive from the machine and place it in a secured location. The hard disk drive can be removed easily for secure storage on a frequent basis, and can be reinstalled easily 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 HDD Kit-AB2, see [“Removable Hard Disk Drive Kit-AB2,”](#) on p. 97.
- **HDD Data Erase** - The HDD Data Erase feature requires the optional HDD Data Erase Kit-C1, and is available for those environments that require additional data security measures. This feature automatically overwrites image data that is written to the hard drive following each job performed at the machine. The HDD Data Erase feature overwrites up to three times with random data, depending on the preferences set by the system administrator. Other settings include the ability to overwrite once with null data and overwrite once with random data.



IMPORTANT

An increase in the amount of times the HDD Data Erase feature overwrites data, may result in a loss of job productivity.

- **HDD Data Encryption & Mirroring Kit-E3** - The optional HDD Encryption & Mirroring Kit-C8 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 another 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-E3, see [“HDD Data Encryption & Mirroring Kit-E3,”](#) on p. 99.

2.8.3 Document Security

The imagePRESS C910, C810, and C710 offer several document security modes to protect printed and distributed documents.

- **PDF Visible Digital Signature** - The PDF Visible Signatures mode enables the user 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.

2.8.4 Network Security

The imagePRESS C910/C810/C710 secure 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. Also, IP address filters to outbound connections can be applied. For example, if such functions as Remote Copy and Universal Send are used, 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 accessing the machine.

- **Encryption and Authentication** - SSL (Secure Sockets Layer) protects data transferred over the network by encrypting file names and formats. The System Administrator 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 imagePRESS C910/C810/C710 support 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 imagePRESS C910/C810/C710) 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, SFTP, 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-M1 and Upright Control Panel-G1 ¹⁸	60.2"	1,530 mm	36.75"	934 mm	56.1"	1,424 mm
Main Unit w/ Duplex Color Image Reader Unit-M1, Operator Panel, and Operator Attention Light ¹⁹	60.2"	1,530 mm	38.7"	982 mm	67.4"	1,712 mm
Duplex Color Image Reader Unit-M1	25.0"	635 mm	25.8"	605 mm	10.0"	255 mm
imagePRESS Server H350	9.2"	233 mm	18.3"	464 mm	21.0"	530 mm
imagePRESS Server G250	11.2"	285 mm	3.5"	93 mm	11.7"	295 mm
PRISMAsync Print Server	7.9"	200 mm	16.9"	430 mm	16.5"	420 mm
POD Deck Lite-C1 (Includes the POD Deck Lite Attachment Kit)	28.25"	717 mm	27.0"	686 mm	22.6"	574 mm
POD Deck Lite XL-A1	43.5"	1,105 mm	27.0"	686 mm	22.6"	574 mm
Multi-Drawer Paper Deck-C1	37.4"	950 mm	31.4"	797 mm	41.0"	1,040 mm
Stack Bypass-C1	20.8"	528 mm	18.0" ²⁰	458 mm	13.8"	350.5 mm ²⁰
Long Sheet Tray-B1 ²¹ (When Attached to the Main Unit)	85.6"	2,173 mm	36.75"	934 mm	56.1" ¹⁸	1,424 mm
Document Insertion Unit-N1	32.4"	823 mm	31.25"	793 mm	55.4"	1,407 mm
Paper Folding Unit-J1	19.75"	502 mm	31.25"	793 mm	46.9"	1,190 mm
Copy Tray-R2	16.6"	422 mm	15.0"	382 mm	6.9"	175 mm
Staple Finisher-W1 PRO	31.5"	800 mm	31.25"	793 mm	48.75"	1,239 mm
Booklet Finisher-W1 PRO	31.5"	800 mm	31.25"	793 mm	48.75"	1,239 mm
Staple Finisher-AC1 ²²	20.75"	527 mm	24.5"	623 mm	43.25"	1,099 mm
Booklet Finisher-AC1 ²²	20.75"	527 mm	24.5"	623 mm	43.25"	1,099 mm
2/3 Hole Puncher Unit-A1 ²³	4.25"	107 mm	24.25"	615 mm	32.5"	825 mm
Puncher Unit-BS1 or Puncher Unit-BT1	Installed Inside the Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO					
Multi Function Professional Puncher-B1	17.5"	445 mm	31.4"	795 mm	41.0"	1,040 mm

18 The width is measured to the right edge of the Upright Control Panel in the standard position, and the height is measured to the top of the Upright Control Panel in the standard position.

19 The width is measured to the right-most edge of the operator panel, and the height is measured to the top of the attention light. The width without the operator panel is 27.1".

20 The width value is when the stack bypass tray is extended.

21 The dimensions include when the Long Sheet Tray-B1 is attached to the main unit, Stack Bypass Alignment Tray-D1, Stack Bypass-C1, and Copy Tray-R2.

22 The Staple Finisher-AC1 or Booklet Finisher-AC1 is available as part of a set item for the imagePRESS C710 and C810, which includes the Staple Finisher-AC1 or Booklet Finisher-AC1 and Power Supply-V1. The imagePRESS C710 and C810 engines must be purchased separately.

23 Can only be attached to the optional Staple Finisher-AC1 or Booklet Finisher-AC1.

Machine Dimensions Table Continued

Unit	Width		Depth		Height	
Copy Card Reader-F1 ²⁴	3.5"	88 mm	3.75" ²⁴	96 mm	1.6"	40 mm
High Capacity Stacker-H1	35.4"	899 mm	29.3" ²⁵	745 mm ²⁵	44.9"	1,141 mm
SDD Square Fold Booklet-Maker & Two-Knife Trimmer ²⁶	62.7"	1,592 mm	27.6"	700 mm	51.2"	1,300 mm
SDD Square Fold Booklet-Maker ²⁶	43.3"	1,100 mm	23.6"	600 mm	44.9"	1,140 mm
Booklet Trimmer-F1 ²⁷ & Booklet Finisher-W1 PRO ²⁸	74.4"	1,890 mm	31.2"	792 mm	46.5"	1,180 mm
Booklet Trimmer-F1, Two-Knife Booklet Trimmer-A1, & Booklet Finisher-W1 PRO	95.7"	2,431 mm	31.2"	792 mm	46.5"	1,180 mm
Perfect Binder-E1	36.3"	922 mm	31.1"	791 mm	51.25"	1,300 mm
SDD BLM300C Professional Booklet Maker	35.8"	910 mm	27.6"	700 mm	45.3"	1,150 mm
SDD Front Trimmer BLT6989	14.2"	360 mm	23.6"	600 mm	43.3"	1,100 mm
SDD 2-Knife Trimmer STR6702	23.6"	600 mm	27.6"	700 mm	43.3"	1,100 mm
SDD Rotator RTM6940	26.8"	680 mm	26.4"	670 mm	43.3"	1,100 mm
SDD Long Belt Stacker BST6800	61.8"	1,570 mm	17.7"	450 mm	29.9"	760 mm
SDD Short Belt Stacker BST6900	32.3"	820 mm	17.7"	450 mm	29.9"	760 mm
Plockmatic BLM50/BLM35 ^{29,30}	57.9"	1,470 mm	28.8"	730 mm	41.4"	1,050 mm
Trimmer FTR50	14.2"	360 mm	28.8"	730 mm	41.4"	1,050 mm
Cover Feeder CF50 ³¹	12.2"	310 mm	7.5"	190 mm	20.9"	530 mm
Booklet Fold BF50	14.2"	360 mm	28.8"	730 mm	41.4"	1,050 mm
Rotate Crease Trimmer BCT50	28.0"	710 mm	52.5"	1,333.5 mm	42.5"	1,080 mm
High Capacity Belt Stacker BST4000-1	70.5"	1,791 mm	20.5"	521 mm	Adjustable	
MAX Ring Binder	33.9"	860 mm	25.8"	655 mm	43.8"	1,113 mm
Pedestal-A1	26.75"	678 mm	31.5"	800 mm	5.0"	127 mm
Extension for Pedestal-A1	8.0"	203 mm	30.5"	775 mm	4.0"	102 mm
Ramp for Pedestal-A1	25.0"	635 mm	9.4"	238 mm	5.5"	140 mm
Plockmatic Multi-Purpose Stacker ³²	35.4" ³³	900 mm ³³	28.8"	680 mm	41.8"	1,060 mm

24 Excludes the attachment kit and cable.

25 When the eject tray is extended the depth is 49.2" (1,250 mm).

26 The Square Fold Booklet-Maker Conveyor Tray is fully extended.

27 The expansion tray is attached.

28 The auxiliary booklet tray is attached.

29 Includes the optional Belt Stacker and Cable Protector.

30 The Belt Stacker, installed after the BLM50 or BLM35, Booklet Fold Module, or Trimmer, adds approximately 16.5" to 24.8" (420 mm to 630 mm) to the system length. The cable protector adds approximately 3.5" (90 mm) to the depth of the system.

31 Does not add any height, depth, or width to the machine dimensions.

32 Available later.

33 Extends to 55" (1,410 mm) for long sheets.

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 (includes the toner bottle, Duplex Color Image Reader, and Upright Control Panel)	697 lb	316 kg
Duplex Color Image Reader Unit-M1 (includes feeder)	84 lb	38 kg
Operation Panel	9.3 lb	4.2 kg
imagePRESS Server H350	36.5 lb	16.5 kg
imagePRESS Server G250	9.5 lb	4.3 kg
PRISMAsync Print Server	39 lb	18 kg
Operator's Attention Light	2.2 lb	1 kg
POD Deck Lite-C1 ³⁴	168 lb	76 kg
POD Deck Lite XL-A1	250 lb	113 kg
Multi-Drawer Paper Deck-C1	342 lb	155 kg
Stack Bypass Alignment Tray-D1	2.4 lb	1.1 kg
Long Sheet Tray-B1 (Includes the Stack Bypass Alignment Tray)	1.3 lb	0.6 kg
Document Insertion Unit-N1	134 lb	61 kg
Paper Folding Unit-J1	157 lb	71 kg
Copy Tray-R2	2.6 lb	1.2 kg
Multi Function Professional Puncher-B1	224 lb	102 kg
Booklet Finisher-W1 PRO	397 lb	180 kg
Staple Finisher-W1 PRO	287 lb	130 kg
Staple Finisher-AC1 ²²	80 lb	36 kg
Booklet Finisher-AC1 ²²	131 lb	59 kg
2/3 Hole Puncher Unit-A1 ²³	17.0 lb	7.7 kg
High Capacity Stacker-H1	264.6 lb	120 kg
Puncher Unit-BS1 or Puncher Unit-BT1 ³⁵	7 lb	3 kg
Booklet Trimmer-F1	392 lb	178 kg
Two-Knife Booklet Trimmer-A1	320 lb	145 kg
SDD Square Fold Booklet-Maker & Two-Knife Trimmer	573 lb	260 kg
SDD Square Fold Booklet-Maker	154 lb	70 kg
Perfect Binder-E1	679 lb	308 kg
Copy Card Reader-F1 ³⁶	7.1 oz	0.2 kg

²³ Can only be attached to the optional Staple Finisher-AC1 or Booklet Finisher-AC1.

²² The Staple Finisher-AC1 or Booklet Finisher-AC1 is available as part of a set item for the imagePRESS C710 and C810, which includes the Staple Finisher-AC1 or Booklet Finisher-AC1 and Power Supply-V1. The imagePRESS C710 and C810 engines must be purchased separately.

³⁴ Includes the POD Deck Lite Attachment Kit-B1 and Buffer Path.

³⁵ Installed inside the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO.

³⁶ Includes the attachment kit and cable.

Weight Table Continued

Unit	Weight	
SDD BLM300C Professional Booklet Maker	363.8 lb	165 kg
SDD Front Trimmer BLT6989	187.4 lb	85 kg
SDD 2-Knife Trimmer STR6702	451.9 lb	205 kg
SDD Rotator RTM6940	286.6 lb	130 kg
SDD Long Belt Stacker BST6800	55 lb	25 kg
SDD Short Belt Stacker BST6900	44 lb	20 kg
Plockmatic BLM50/BLM35	341.7 lb	155 kg
Trimmer FTR50	150 lb	68 kg
Cover Feeder CF50	17.6 lb	8 kg
Booklet Fold BF50	99 lb	45 kg
Rotate Crease Trimmer BCT50	441 lb	200 kg
MAX Ring Binder	330 lb	150 kg
Pedestal-A1	49.5 lb	22.5 kg
Extension for Pedestal-A1	6.5 lb	3 kg
Ramp for Pedestal-A1	21 lb	9.5 kg
Plockmatic MPS Lift Unit³²	157 lb	71 kg
Plockmatic MPS Docking Unit³²	11 lb	5 kg

³² Available later.

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 31.5" (800 mm) away from a wall (if the optional Paper Folding Unit-J1, Multi Function Professional Puncher-B1, Document Insertion Unit-N1, or Multi-Drawer Paper Deck-C1 is attached). However, the installation space can be reduced to 4" (100 mm), if the basic configuration (the optional Copy Tray-R2, or Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO, or Staple Finisher-AC1³⁷ or Booklet Finisher-AC1³⁷) is attached.
- Make sure that approximately 39 3/8" (1,000 mm) or more space is left around the front, left, and right sides of the machine for the proper servicing of the equipment. However, the installation space can be reduced to 19 3/4" (500 mm), if the basic configuration (the optional Copy Tray-R2 or Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO, or Staple Finisher-AC1³⁷ or Booklet Finisher-AC1³⁷), is attached.
- 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 3/4" wide.
- The minimum elevator depth used to transport the machine prior to installation must be at least 56".
- At least 81 7/8" (2,079 mm) in width is necessary to negotiate turns prior to installation. If the Upright Control Panel-G1 is attached, at least 85 1/2" (2,170 mm) is necessary.
- The machine should not be moved once it is in place.

³⁷ Available on the imagePRESS C710 and C810 only.

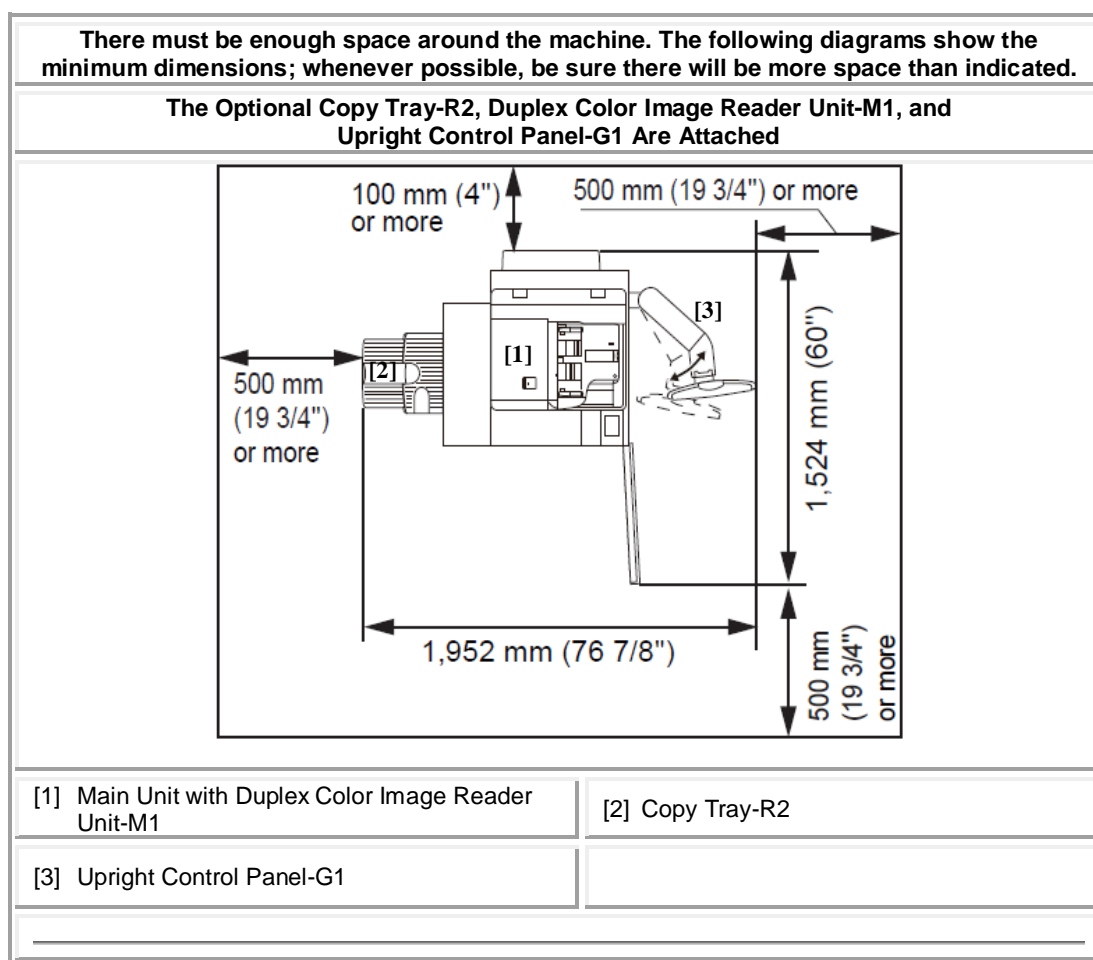
3.3.1 Minimum Space Requirements to Transport the Machine and Turn Hallway Corners

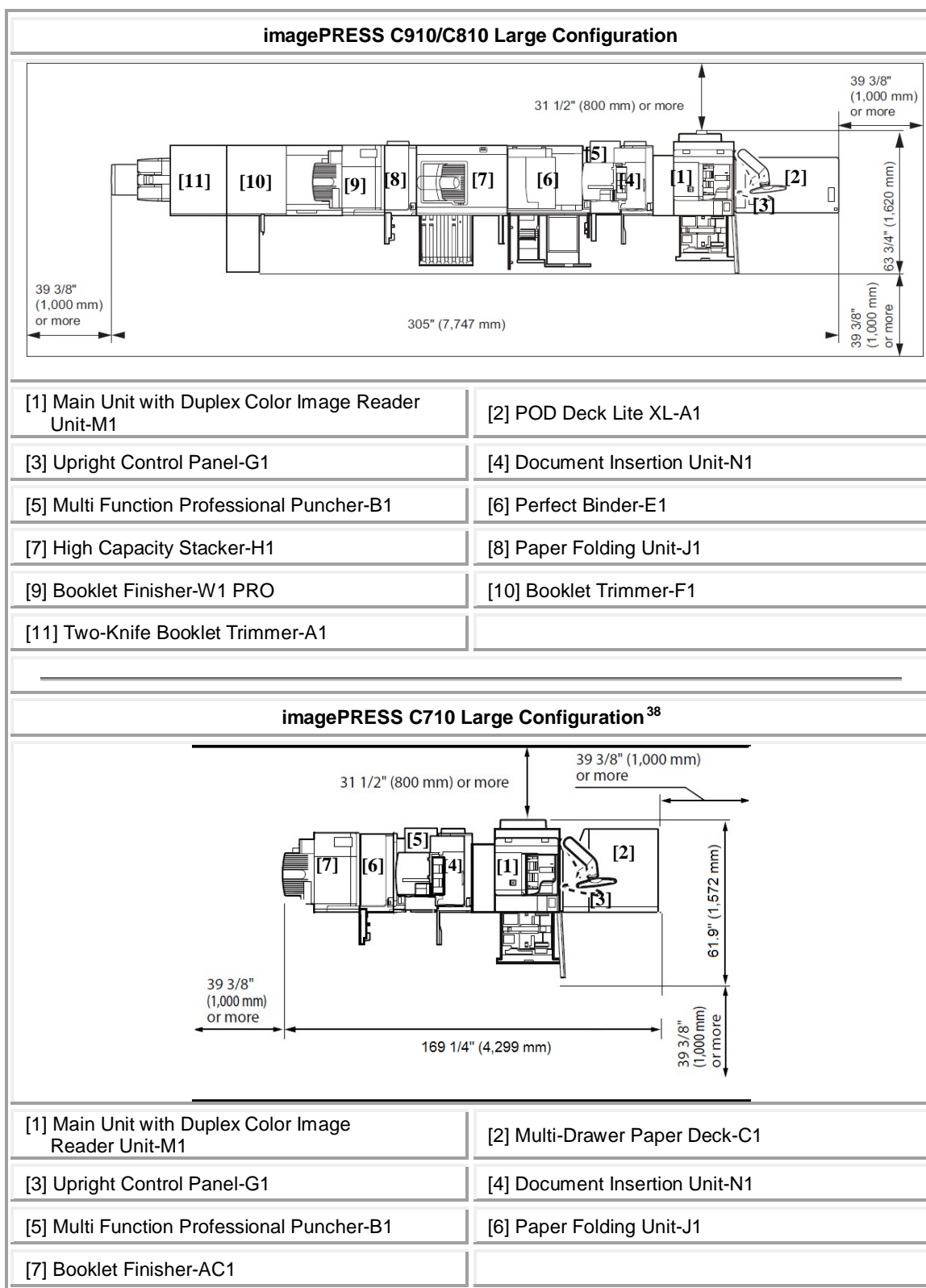
The following table represents the minimum width that is necessary to turn hallway corners and transport the machine to its final installation site.

Equipment	Dimensions When Transporting (Width x Length)	Minimum Corridor Width for Turning
Main Unit	50 1/8" x 36 3/4" (1,273 mm x 932 mm)	81 7/8" (2,079 mm)
Main Unit (When the Upright Control Panel Is Fully Extended)	54 1/2" x 36 3/4" (1,384 mm x 932 mm)	85 1/2" (2,170 mm)

3.3.2 Main Unit Installation Space Diagrams

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





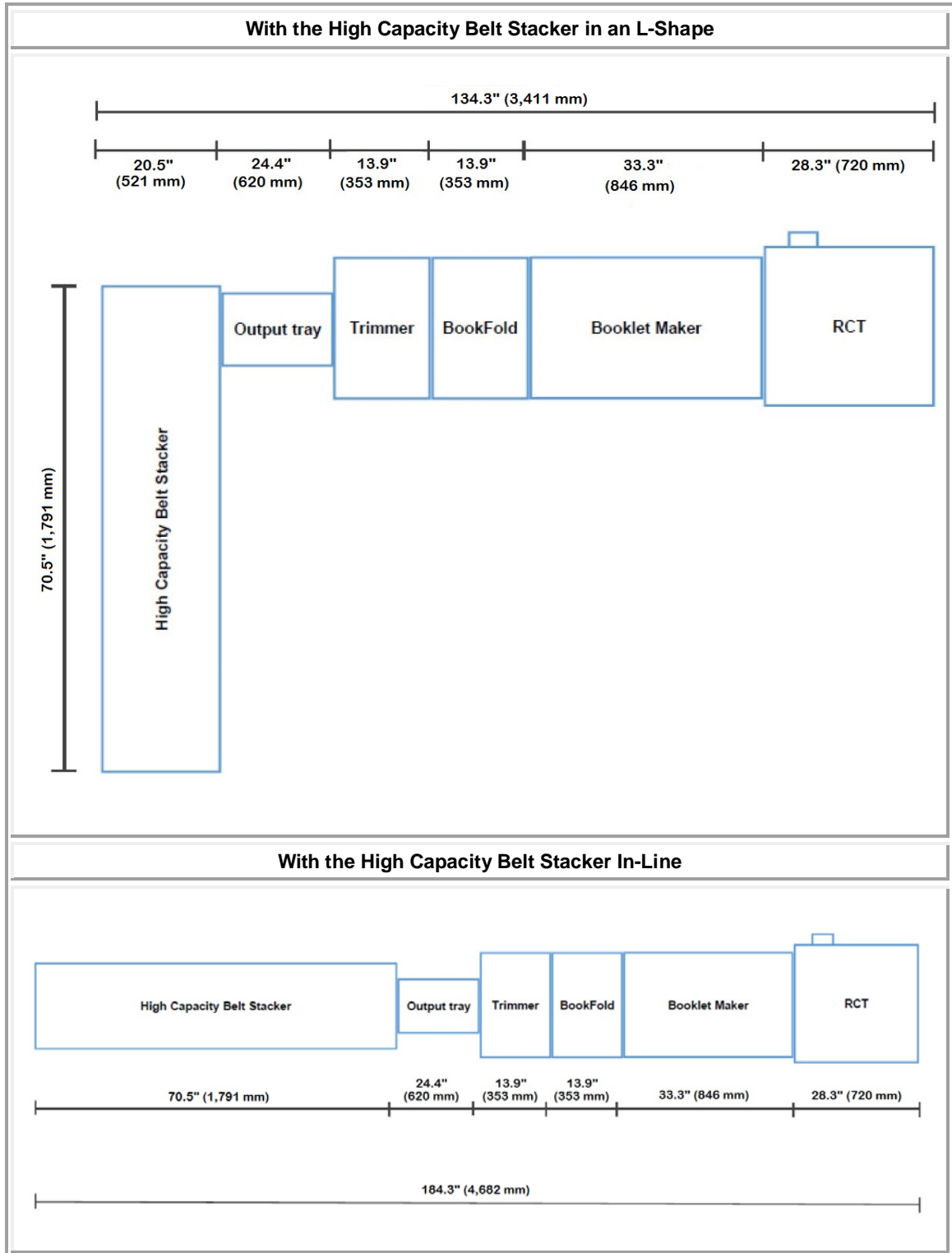
³⁸ If only the staple finisher is attached, the amount of space from the rear of the machine to a wall can be reduced to 4" (100 mm), and the amount of space around the front, left, and right sides of the machine can be reduced to 19 3/4" (500 mm).



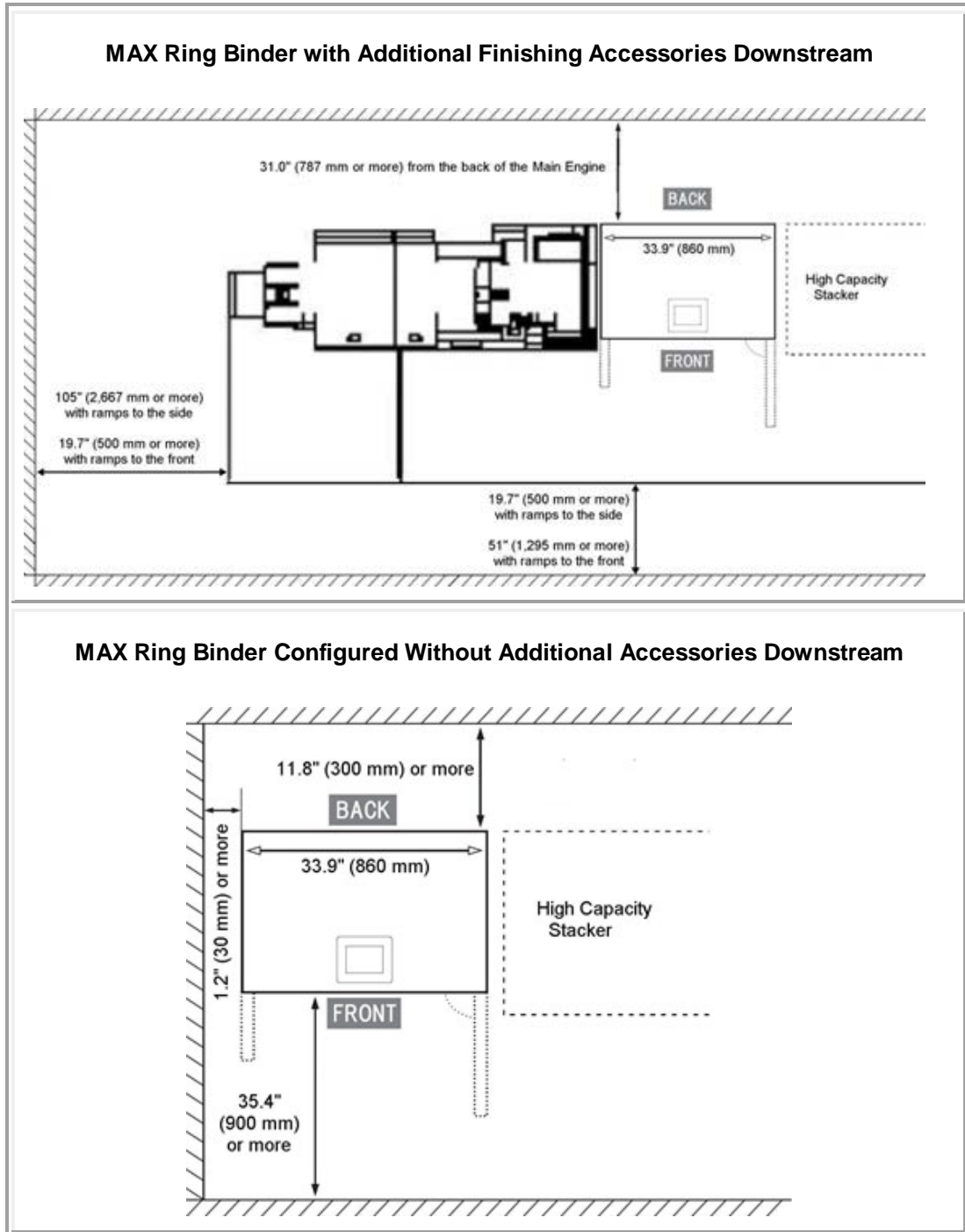
IMPORTANT

- The imagePRESS C910/C810 large configuration includes the optional Duplex Color Image Reader Unit-M1, POD Deck Lite XL-A1, Document Insertion Unit-N1, Multi Function Professional Puncher-B1, Perfect Binder-E1, High Capacity Stacker-H1, Paper Folding Unit-J1, Booklet Finisher-W1 PRO, Booklet Trimmer-F1, and Two-Knife Booklet Trimmer-A1.
- The imagePRESS C710 large configuration includes the optional Duplex Color Image Reader Unit-M1, Upright Control Panel-G1, Multi-Drawer Paper Deck-C1, Document Insertion Unit-N1, Multi Function Professional Puncher-B1, Paper Folding Unit-J1, and Booklet Finisher-AC1.
- The fully configured width of the machine includes opening space for the POD Deck Lite XL-A1 and the extended tray of the Two-Knife Booklet Trimmer.
- There is approximately 1/5" (5 mm) of space in between each accessory attached.
- When installing the Two-Knife Booklet Trimmer to the Booklet Trimmer-F1, the optional Two-Knife Booklet Trimmer Conveyer is required.
- The optional SDD Square Fold Booklet-Maker with Two-Knife Trimmer is not shown in the configuration diagrams above. If the SDD Square Fold Booklet-Maker with Two-Knife Trimmer is attached to the machine, make sure that there is approximately 62.6" (1,592 mm) of space added to the installation space and floor design.
- The optional SDD Square Fold Booklet-Maker is not shown in the configuration diagrams above. If the SDD Square Fold Booklet-Maker is attached to the machine, make sure that there is approximately 43.3" (1,100 mm) of space added to the installation space and floor design.

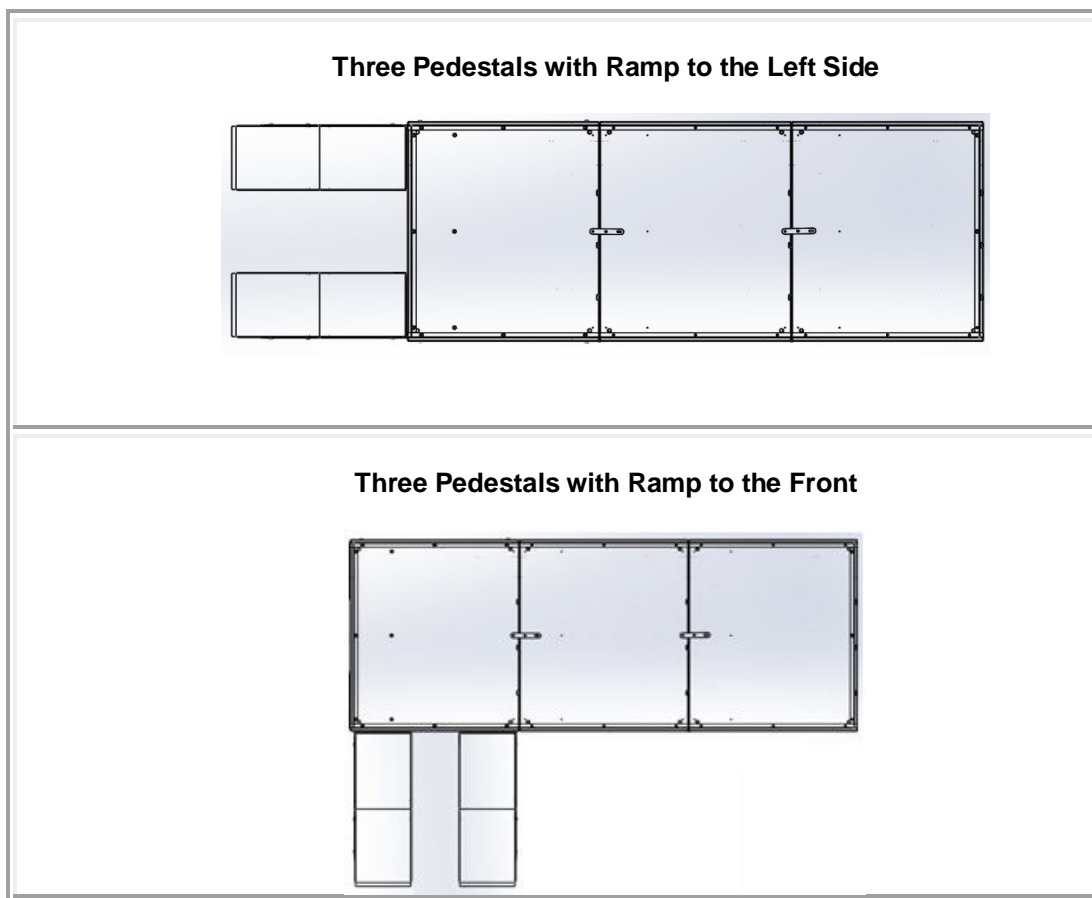
3.3.3 Plockmatic BLM50/BLM35 Installation Space Diagrams



3.3.4 MAX Ring Binder Installation Space Diagrams



Max Ring Binder Pedestal Setup

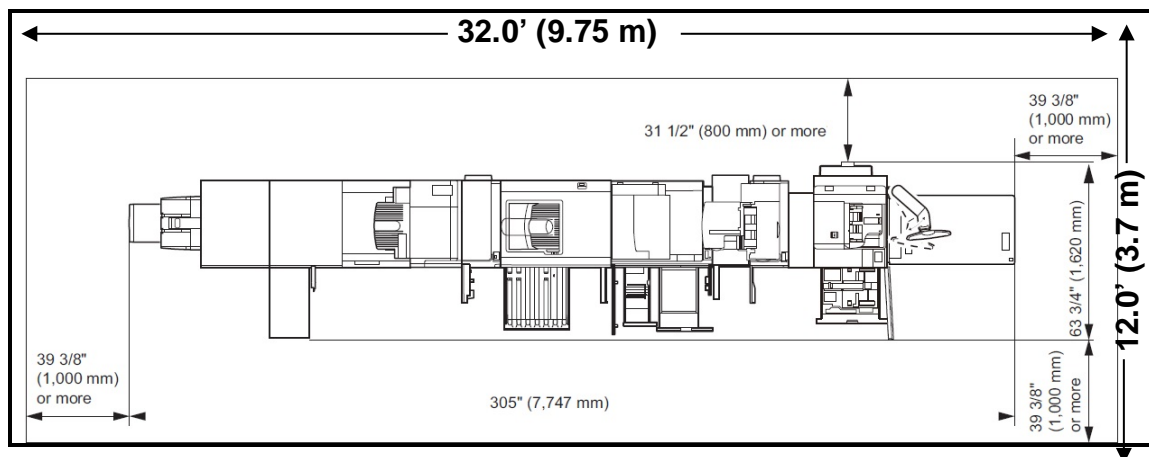


IMPORTANT

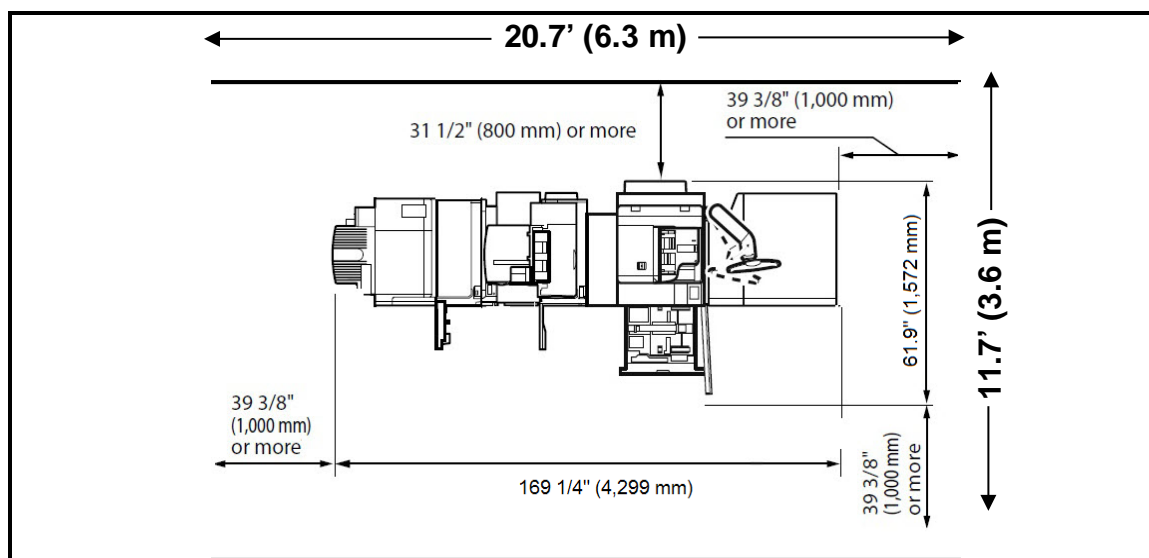
- If the MAX Ring Binder is attached to the machine, and there is Canon Finishing equipment attached after the Ring Binder, make sure that there is approximately 105" (2,667 mm) of space added to the left side of the machine. This space can be reduced to 19.7" (500 mm) if the pedestal ramps are placed in the front or back of the machine.
- If the MAX Ring Binder's pedestal ramps are required, and are attached to the front or the back of the machine, make sure to add approximately 51.2" (1,295 mm) of space to the front or back of the machine.
- The MAX Ring Binder requires the DFD Output Height 860 mm Kit.

3.4 Recommended Floor Space Requirements

For the large configuration of the imagePRESS C910 and C810, it is recommended that there be at least 32.0' (W) x 12.0' (D) of level floor space.



For the large configuration of the imagePRESS C710, it is recommended that there be at least 20.7' (W) x 11.7' (D) of level floor space.



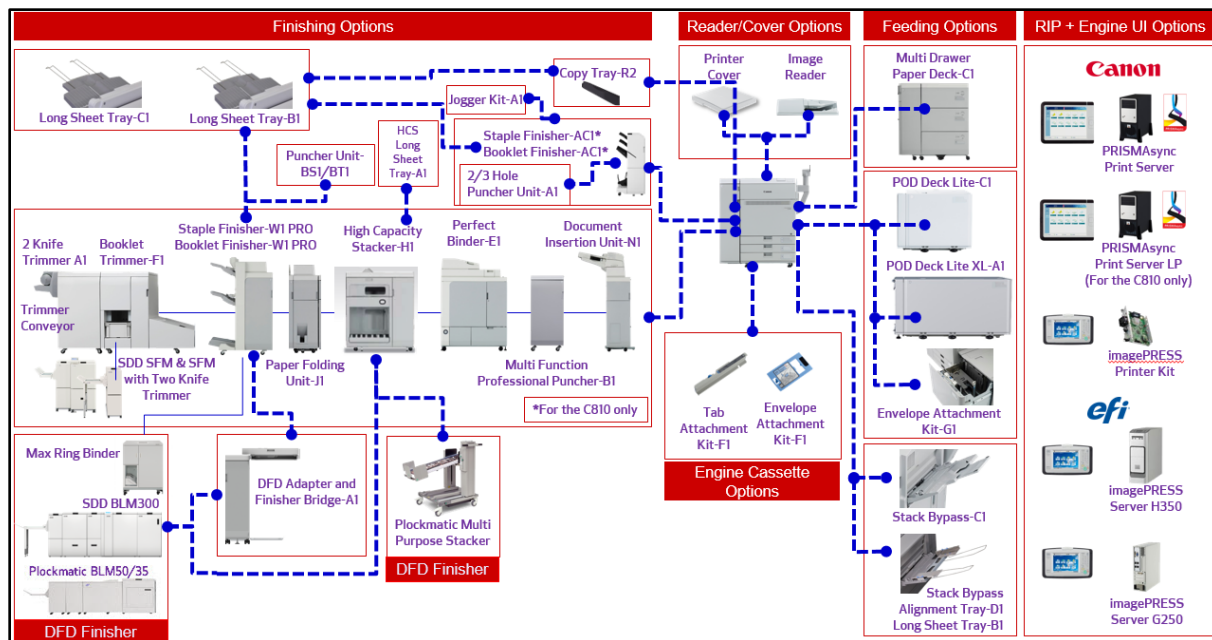
3.5 Floor Structure Requirements

The floor on which this machine is installed must have strength of at least 81.9 lb/ft² (400 kg/m²). If the floor does not have this level of strength, consult a building contractor before installing the machine.

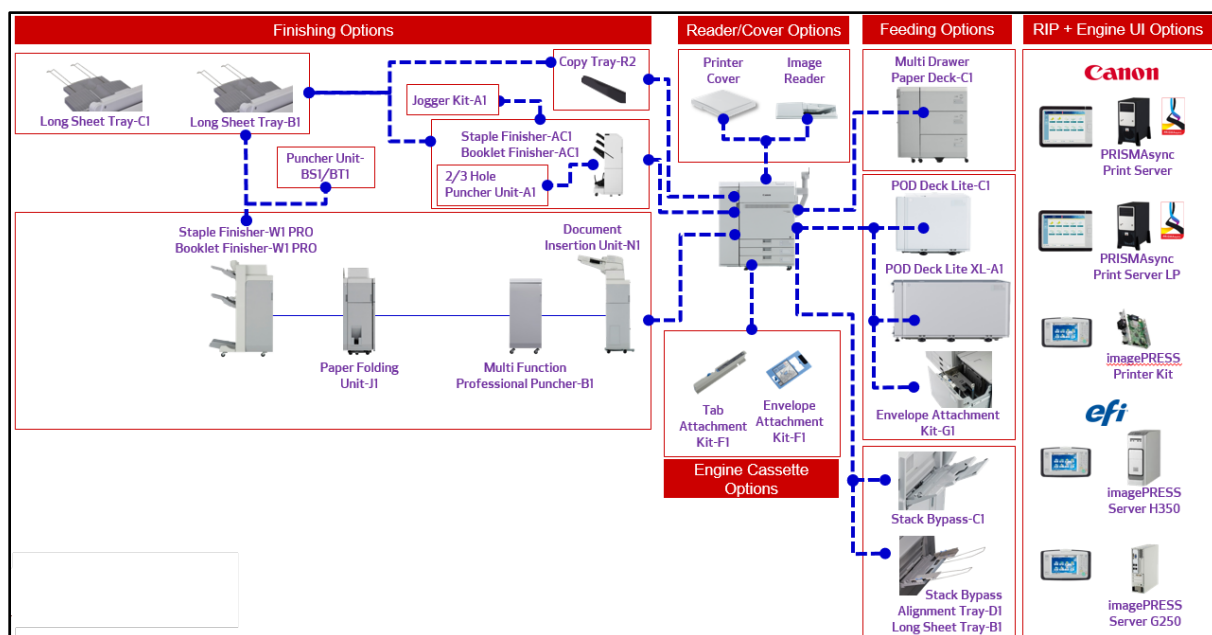
The weight of the machine is distributed on the floor through the adjusters and wheels. Do not install the machine on an unstable floor or platform.

3.6 Potential System Configurations

The figure below describes the possible configuration options that can be attached to the imagePRESS C910 and imagePRESS C810.



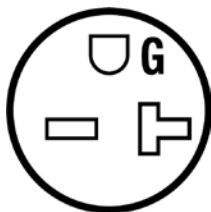
The figure below describes the possible configuration options that can be attached to the imagePRESS C710. The optional Upright Control Panel-G1 must be purchased separately.



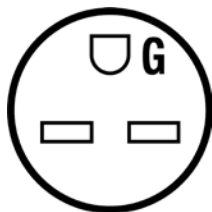
4. Power/Electrical Requirements

The imagePRESS C910, C810, and C710 main units require a dedicated, single-phase 200V - 240V/20A, NEMA 6-20R receptacle.

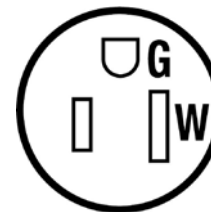
The optional Perfect Binder-E1 requires a NEMA 6-15 receptacle, and the PRISMAsync Print Server and other optional accessories require a NEMA 5-15 receptacle.



NEMA 6-20 Receptacle



NEMA 6-15 Receptacle



NEMA 5-15 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
imagePRESS C910, C810, and C710	Single-Phase 200-240V AC, 20A Outlet	NEMA 6-20	6' 6" (2 m)
PRISMAsync Print Server w/Operation Panel and Attention Light	1-120 V/15 A outlet	NEMA 5-15	13.9' (4.2 m)
imagePRESS Server H350	1-100-240V AC, 50/60 Hz, 6A	NEMA 5-15	6' (1.8 m)
imagePRESS Server G250	1-100-240V AC, 50/60 Hz, 4A	NEMA 5-15	6' (1.8 m)
Duplex Color Image Reader Unit-M1³⁹	From the main unit	—	—
POD Deck Lite-C1	1-120-127 V AC, 60 Hz, 2.2 A	NEMA 5-15	6' 6" (2 m)
POD Deck Lite XL-A1	1-100-240V AC, 50/60 Hz	NEMA 5-15	6' (1.8 m)
Multi-Drawer Paper Deck-C1	1-120-127 V AC, 60 Hz, 3.1 A	NEMA 5-15	8.5' (2.6 m)
Multi Function Professional Puncher-B1	1-115V AC, 60 Hz, 3.8 A	NEMA 5-15	6' 6" (2 m)
Booklet Finisher-W1 PRO	1-120-240V AC, 50/60 Hz, 8 A	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 125V/15 A	6' 6" (2 m)
Staple Finisher-W1 PRO	1-120-240V AC, 50/60 Hz, 8 A	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 125V/15 A	6' 6" (2 m)
High Capacity Stacker-H1	1-100-240V AC, 50/60 Hz, 2.5 A	NEMA 5-15	13' (4.2 m)
Document Insertion Unit-N1	1-100-240V AC, 50/60 Hz, 1 A	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 125V/15 A	6' 6" (2 m)

³⁹ Does not require any additional outlets.

Power Requirements for the Main Unit and Optional Accessories Table Continued

Part or Accessory	Power Supply	Power Supply Cord/Plug Specifications	Length of Power Cord
Staple Finisher-AC1 ^{22, 39}	From the main unit	—	—
Booklet Finisher-AC1 ^{22, 39}	From the main unit	—	—
2/3 Hole Puncher Unit-A1 ^{23, 39}	From the finisher	—	—
Paper Folding Unit-J1 ³⁹	From the finisher	—	—
Puncher Unit-BS1 and -BT1 ^{35,39}	From the finisher	—	—
Booklet Trimmer-F1 ³⁹	From the finisher	—	—
Stack Bypass-C1 ³⁹	From the main unit	—	—
DFD Adapter-A1 ³⁹	From the finisher	—	—
Finisher Bridge-A1 ³⁹	From the finisher	—	—
Two-Knife Booklet Trimmer-A1	1-120-127 V AC, 50/60 Hz, 4 A	NEMA 5-15	6' 6" (2 m)
Square Fold Booklet-Maker & Two-Knife Trimmer	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Square Fold Booklet-Maker	From the SDD Square Fold Booklet-Maker and Two-Knife Trimmer	—	—
Perfect Binder-E1	Single-Phase 208V AC, 60 Hz, 3 A outlet	NEMA 6-15	8.5' (2.6 m)
MAX Ring Binder	1-120 V/15 A outlet	NEMA 5-15	14.76' (4.5 m)
SDD BLM300C Professional Booklet Maker	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
SDD Rotator RTM6940	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
SDD Front Trimmer BLT6989 ³⁹	From the SDD BLM300C Professional Booklet Maker	—	—
SDD 2-Knife Trimmer STR6702 ³⁹			
SDD Long Belt Stacker BST6800 ³⁹			
SDD Short Belt Stacker BST6900 ³⁹			
Plockmatic BLM50/BLM35	1-100-240V AC, 50/60 Hz, 4A	NEMA 5-15	6' (1.8 m)
Trimmer FTR50 ³⁹	From the Plockmatic BLM50/BLM35 Professional Booklet Maker	—	—
Cover Feeder CF50 ³⁹			
Booklet Fold BF50 ³⁹			
Rotate Crease Trimmer BCT50	1-100-240V AC, 50/60 Hz, 4A	NEMA 5-15	6' (1.8 m)
High Capacity Belt Stacker BST4000-1 ³⁹	1-100-240V AC, 50/60 Hz, 4A	NEMA 5-15	6' (1.8 m)
Plockmatic Multi-Purpose Stacker ³²	1-100-240V AC, 50/60 Hz, 2A	NEMA 5-15	—

23 Can only be attached to the optional Staple Finisher-AC1 or Booklet Finisher-AC1.

22 The Staple Finisher-AC1 and Booklet Finisher-AC1 are available as part of a set item for the imagePRESS C710 and C810, which includes the Staple Finisher-AC1 or Booklet Finisher-AC1 and Power Supply-V1. The imagePRESS C710 and C810 engines must be purchased separately.

32 Available later.

35 Installed inside the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO.

39 Does not require any additional outlets.



IMPORTANT

- We recommend an additional standard 115 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 a dedicated and properly grounded outlet for the main unit. It is also strongly suggested to use dedicated and properly grounded outlets for each optional accessory. Do not use extension cords. The ground connection serves to provide the internal electronics with a reference voltage. Faulty or poor ground sources will cause this reference voltage to fall into a range that no longer serves as a reliable reference voltage. The internal logic and programming of the imagePRESS C910/C810/C710 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 imagePRESS C910/C810/C710 or any computer controlled office equipment requires.
- Before installation, confirm that all necessary receptacles are available.
- If the optional Integrated Interface & Stand-A1, which includes a furniture stand, monitor, keyboard, and mouse, is installed on the imagePRESS Server H350, an additional 115V/6 A (NEMA 5-15) receptacle is required for the monitor.
- Step-down transformers are not supported.

5. Environmental Factors and Requirements

This section describes the necessary environmental factors and requirements in which the 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 15% to 60% 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.

The optimal humidity range for storing paper and toner 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 and toner 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.

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.

5.2 Temperature Gradient

If a sudden temperature change occurs, may have an adverse effect on image positioning. Sudden temperature changes may cause the paper to bend or contract, cause the machine to malfunction, and form condensation. Every effort should be made to maintain consistent temperature and humidity levels in the operating environment at all times for the imagePRESS C910/C810/C710 Series.

If a humidifier must be used to regulate the humidity, use one that has a mineral filter on it.

5.3 Ventilation

Ensure that there is an air exchange rate of at least 2 times per hour, and at least 1,059 ft³ (30 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 the user's reference only, and are subject to change without notice for product improvement or future release.

6.1 Main Unit

Item	Specifications
Name	Canon imagePRESS C910/C810/C710
Type	Reader-Printer Separated, Console
Developing System	Dry, Dual-Component Toner Projection
Color Supported	Full Color
Resolution for Writing	Up to 2,400 dpi x 2,400 dpi
Memory	3.5 GB RAM (Standard) (1.5 GB + 2 GB)
Hard Disk⁴⁰	1 TB (Standard), (1 TB (Used Space))
Paper Weight and Type⁴¹	Paper Drawers 1, 2, and 3: Weight: 14 lb bond to 110 lb cover (52 to 300 g/m ²) Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Tab, Bond, Letterhead, Textured ⁴² , Vellum, and Envelopes ⁴³
Paper Size	Paper Drawers 1, 2, and 3: 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 ^{44, 45}
Margin	Top: Approximately 1/8" (4.0 mm) Left and Right: Approximately 1/8" (2.5 mm) Bottom: Approximately 1/8" (4.0 mm)
Warm-Up Time⁸	After Powering ON: Fewer than 6 minutes ⁹ Returning from the Sleep mode: Fewer than 6 minutes

8 Activation time may vary, depending on the environment and conditions under which the machine is being used. (At a room temperature of 68°F.)

9 If the Quick Startup Settings for Main Power mode is set to 'On', it takes approximately 7 seconds until key operations on the touch panel display are available.

40 The hard disk capacity is subject to change.

41 For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 127.

42 Only use Textured paper that weighs less than 221 g/m².

43 Standard Envelope Sizes: No. 10 (COM10), ISO-C5, DL, and Monarch.

Custom Envelope Sizes: 6" x 9", 9" x 12", and 10" x 13".

44 Standard envelope sizes require the optional Envelope Feeder Attachment-F1, which can only be installed in the paper cassettes of the main unit. or can be fed from the stack bypass.

45 Envelope sizes ISO-C5, 9" x 12", and 10" x 13" require the optional Envelope Feeder Attachment-G1, which can only be installed in the optional POD Deck Lite-C1, POD Deck Lite XL-A1, or can be fed from the stack bypass.

Main Unit Table Continued

Item		Specifications			
First Copy Output Time		Full Color: Approximately 7.7 seconds (when 'Color Priority' is selected) B&W: Approximately 6.9 seconds (when 'Black Priority' is selected)			
Maximum Imageable Area		12.3" x 29.7" (313 mm x 754 mm)			
Maximum Printable Area		12.7" x 29.7" (323 mm x 754 mm) and 12.7" x 50.8" (323 mm x 1,292 mm)			
Copy/Print Speed ^{46, 47} (20 lb bond (80 g/m ²))	B&W and Full Color	Paper Size	imagePRESS C910	imagePRESS C810	imagePRESS C710
		LTR/STMTR	90 ppm	80 ppm	70 ppm
		LTRR	69 ppm	66 ppm	58 ppm
		LGL	49 ppm	46 ppm	41 ppm
		11" x 17"	45 ppm	40 ppm	35 ppm
		12" x 18"	42 ppm	40 ppm	35 ppm
		12 5/8" x 17 3/4"	42 ppm	40 ppm	35 ppm
		13" x 19 1/4"	40 ppm	38 ppm	33 ppm
		13" x 26"	26 ppm (CL) 23 ppm (B&W)	25 ppm (CL) 24 ppm (B&W)	22 ppm
		13" x 30"	23 ppm	22 ppm	19 ppm
Paper Feeding System/ Capacity		Paper Drawers 1, 2, and 3: 550 sheets x 3 cassettes (20 lb bond (80 g/m ²))			
Multiple Prints		1 to 9,999 sheets			
Operating Noise		Approximately 58 dB			
Front-to-Back Registration		<div><div>For up to 13" x 19.2": Up to 1 mm feed Up to 1 mm cross-feed</div><div>Long Sheets (19.2" to 30"): Up to 2 mm feed Up to 2 mm cross-feed</div><div>Print mode only, automatic duplex only</div></div> <div><p>Illustration depicts standard-size (up to 13" x 19.2") media</p></div>			
Power Source		Single-Phase 208V AC, 60 Hz, 20A			
Maximum Power Consumption ⁴⁸		<div>Main Unit: Maximum: Approximately 3,520 W In Sleep Mode: Approximately 1 W</div> <div>When the Main Power Is Turned OFF: Quick Startup Settings for Main Power is set to 'Off': Approximately 0.5 W</div> <div>Quick Startup Settings for Main Power is set to 'On': Approximately 1.0 W</div>			

⁴⁶ The copy speed may vary, depending on the paper type and paper size.

⁴⁷ When copying continuously, adjustments for machine temperature or image quality may cause machine operations to pause or slow down.

⁴⁸ The power consumption may vary, depending on the environment and conditions under which the machine is being used.

Main Unit Table Continued

Item	Specifications
Dimensions (W x D x H)	With the Duplex Color Image Reader Unit-M1 and Upright Control Panel-G1: 60 1/4" ¹⁸ x 36.75" x 56 1/8" ¹⁸ (1,530 mm x 934 mm x 1,424 mm)
Weight	With the Duplex Color Image Reader Unit-M1, toner cartridges, and Upright Control Panel-G1: Approximately 697 lb (316 kg)
Installation Space (W x D)	76 7/8" x 36 3/4" (1,952 mm x 934 mm) (When the Copy Tray-R2, Duplex Color Image Reader Unit-M1, and Upright Control Panel-G1 are attached)
Altitude	13,123' (4,000 m (607.8 hPa)) maximum
Temperature while in Use	68°F to 80.6°F (20°C to 27°C)
Humidity	30% to 70% RH

¹⁸ The width is measured to the right edge of the Upright Control Panel in the standard position, and the height is measured to the top of the Upright Control Panel in the standard position.

6.2 PRISMAsync Print Servers

Item		Specifications	
		Full Print Server	LP Print Server
Server Type		External	
Operating System		Windows 10 embedded 64-bit	
CPU		Intel Core i7 4770S @ 3.1 GHz	
Memory		16 GB	
Hard Disk		3 x 2.5" SATA II, 500 GB, 7,200 RPM	
Video Board		NVidia GeForce GTS650 1 GB	
Interfaces		Ethernet 10/100/1000 Base-T, TCP/IP (LPR/LPD, 9100 Socket, SMB), Static IP/Auto IP (DHCP)	
Network/Connectivity		TCP/IP, LDAP, IPv6, SMB, IPP, SNMP V3, Job MIB, HTTP, HTTPS, Socket Printing (Port 9100), LPR/LPD	
Page Description Languages	Standard	Adobe PostScript 3 (3020)/APPE (Release 4.2), PDF 1.7, Extension Level 3 (for Acrobat 9), PDF-X, Optimized PS, Optimized PDF, PDF/VT (Level 1)	
	Optional	PPML 1.5, 2.1, and 2.2	N/A
USB Printing		PDF, PS via USB connection on the operator panel	
Print Drivers		<ul style="list-style-type: none"> Windows XP, Vista, 7, 10, Windows Server 2003, 2008 (R2), 2012 Macintosh OS X 10.6, 10.7, 10.8, 10.9, 10.10, 10.11 PPD 	
Protocols		SNMP v1, v2c, and v3, Host resources MIB, System Group MIB II, Printer MIB, Job Monitor MIB	
Fonts		136 Type 1 fonts for Roman languages User import of PS fonts via the Settings Editor Optional Adobe Asian fonts: <ul style="list-style-type: none"> Japanese: 5 Morisawa fonts (no Heisel fonts) Chinese: 2 fonts for simplified Chinese, 1 font for traditional Chinese Korean: 1 font for Korean 	
Spot Color Libraries		HKS K, HKS K 3000+, HKS N, HKS N 3000+ Pantone Goe (Uncoated/Coated), Pantone + Solid (Uncoated/Coated)-V3, Pantone + Extended Gamut Coated	
Power Source		Including the Operation Panel and Attention Light: 100-240 V, 15 A, 50 to 60 Hz	
Dimensions (H x W x D)		16.5" x 7.9" 16.9" (420 mm x 200 mm x 430 mm)	
Weight		Approximately 35 lb (16 kg)	
Security	Standard	<ul style="list-style-type: none"> DocBox, HTTPS, SNMP v3 User authentication per user role (key operator, system administrator, or service technician) Integrity Checker performs continuous monitoring for unauthorized changes TLS (without SSL) IPSec 	<ul style="list-style-type: none"> HTTPS, SNMP v3 User authentication per user role (key operator, system administrator, or service technician) Integrity Checker performs continuous monitoring for unauthorized changes TLS (without SSL) IPSec
	Optional	E-Shredding	DocBox ⁴⁹ E-Shredding

⁴⁹ Requires the optional Power Up Package.

PRISMAsync Print Servers Table Continued

Item	Specifications	
	Full Print Server	LP Print Server
Languages (19)	American English, British English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Romanian, Italian, Japanese, Norwegian, Polish, Portuguese, Simplified Chinese, Korean, Spanish, Swedish	
Options	<ul style="list-style-type: none"> • Asian Font Sets • DP Link 	<ul style="list-style-type: none"> • Asian Font Sets • Advanced Color Management Package • Power Up Package

6.2.1 USB Stick

Item		Specifications					
USB Connection Speed		USB 2.0 High-Speed certified, USB 1.1 backward compatible					
USB Stick Size		≥ 16 GB recommended					
Bootable Media Support		Yes (Mandatory)					
File System Support		Bootable NTFS and FAT32 (Intel)					
Drivers		Windows generic drivers for USB mass storage. No specific drivers or specific setup.					
Bios Recognition		USB HDD device					
USB Stick Technology		SLC (Single Level Cell) (Mandatory)					
Encryption		No hardware or data encryption software on the USB stick is allowed. ⁵⁰					
U3 Support		Not allowed.					
Biometric Support		Not allowed.					
Micro-Drive		Not allowed.					
Ready Boost Certified		Yes (Mandatory)					
Minimal Throughputs	File Size	512 B	32 KB	256 KB	2 MB	64 MB	
	Read	1.5 MB	8 MB	20 MB	23 MB	24 MB	
	Write	0.1 MB	0.8 MB	4 MB	4 MB	8 MB	
Housing		Rubber housing (shock resistant) is preferred.					
LCD Screen		Not allowed.					
Activity Indication LED		Yes					
Tested & Supported USB Sticks ⁵¹		<ul style="list-style-type: none"> • OCZ ATV – Supplier Ref#: OCZUSBATVxG⁵² • Corsair Flash Voyager GT – Supplier Ref#: CMFUSB2.0-16GBGT • Corsair Flash Voyager – Supplier Ref #: CMFUSB2.0-16GB • Patriot Xporter XT Boost – Supplier Ref#: PEFxGUSB⁵² • Patriot Xporter XT Boost – Supplier Ref#: PEFxGUSB⁵² • Kingston Data Traveler 160 – Supplier Ref #: DT160/xGB⁵² • Kingston Data Traveler R500 – Supplier Ref #: DTR500/xGB⁵² • Kingston Data Traveler Ultimate 3.0 G2 – Supplier Ref #: DTU30G2/XGB⁵² • Sony Micro Vault Click Excellence – Supplier Ref #: USxGLX⁵² • Silicon-Power Luxmini 910 – Supplier Ref #: SP0xGBUF2910V1S⁵² 					
Minimum Manufacturer Warranty		5 years					

⁵⁰ Encryption software on the USB stick is allowed only if it is possible to automatically format the stick (e.g., with the Format command), and does not involve any additional human action.

⁵¹ USB sticks that have not been tested cannot be used.

⁵² “x” is the size of the USB stick (e.g., OCZUSBATV16G = 16 GB USB stick).

6.3 imagePRESS Server H350

The imagePRESS Server H350 is built for accurate color and image quality, variable data printing, and optimum workflow versatility for professionals. It is also ideal for graphic-intensive environments that require production and business (print MIS) workflow integration via JDF (Job Definition Format). The imagePRESS Server H350 comes with standard features, such as Spot-on, Auto Trapping, Hot Folders and Virtual Printers, Image Enhance Visual Editor, and is GUI enabled. The Fiery Quick Touch panel enables various device settings, such as check and cancel the job, and a quick launch menu. It is also configurable with the optional Removable HDD Kit. For more information on the standard and optional features that can be configured with the imagePRESS Server H350, please see the documentation that comes with the imagePRESS Server H350.

The table below represents the hardware specifications for the imagePRESS Server H350 print controller.

Item	Specifications	
System and Platform	FS350 Pro, NX-Pro Gen 2	
CPU	Intel Core i5-6500, 3.2 GHz (up to 3.6 GHz with Turbo)	
Memory	8 GB (4 GB x 2)	
HDD	1 TB SATA	
OS	Microsoft Windows 10 IoT Enterprise 2016 LTSC	
Standard Features	<ul style="list-style-type: none"> • Command WorkStation6 • Spot-On • Hot Folders and Virtual Printers • Upright Control Panel 	<ul style="list-style-type: none"> • Paper Catalog • Remote Scan • JDF • X-Rite i1Pro 2 Spectrophotometer
Options	<ul style="list-style-type: none"> • Graphic Arts Package, Premium Edition • Fiery Color Profiler Suite • Fiery JobMaster • Fiery JobMaster and Impose • Fiery JobFlow • Removable HDD Kit-B5 	<ul style="list-style-type: none"> • Fiery Compose • Fiery Impose • Fiery Impose and Compose • Integrated Interface & Stand-NX GL⁵³ • Integrated Interface & Stand-NX LS⁵⁴

⁵³ Includes a furniture stand, 22" monitor, and mouse.

⁵⁴ Includes a furniture stand, 27" monitor, mouse, proximity sensor, auto-adjustable height and tilt, and optimized cable management.

6.4 imagePRESS Server G250

The imagePRESS Server G250 is built for accurate color and image quality and optimum workflow versatility for professionals. For information on the standard and optional features that can be configured with the imagePRESS Server G250, please see the documentation that comes with the imagePRESS Server G250.

The table below represents the hardware specifications for the imagePRESS Server G250 print controller.

Item	Specifications
CPU	Intel Pentium G4400, 3.3 GHz
Memory	4 GB (4 GB x 1)
HDD	500 GB SATA, 2.5"
Page Description Languages	Adobe PostScript 3 and PCL6
System Software	FS350 and Fiery E400 Platform
Supported Communication Protocols	AppleTalk, TCP/IP (Auto Protocol Switching)
OS	Debian Linux
Standard Features	<ul style="list-style-type: none"> • Command WorkStation 6 • Paper Catalog • Spot-On • Remote Scan • Hot Folders and Virtual Printers
Options	<ul style="list-style-type: none"> • Productivity Package Web Activate (Includes JDF) • Fiery Compose • Fiery Impose • Fiery Impose and Compose • Fiery Color Profiler Suite • Fiery JobFlow • X-Rite i1Pro 2 Spectrophotometer

6.5 Duplex Color Image Reader Unit-M1

Item	Specifications
Type	Printer separated, Stream Feed (Feeder), No Stream (Reader)
Original Feeding Mechanism	Automatic Document Feeder
Size and Weight of Originals	11" x 17", LGL, LTR, LTRR, STMT, and Custom Size (5" x 5 1/2" to 12" x 17" (128 mm x 139.7 mm to 304.8 mm x 432 mm) 1-Sided Scanning: 13 lb bond to 80 lb cover (50 to 220 g/m ²) 2-Sided Scanning: B&W 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 Speed⁵⁵	Copying: 1-Sided Scanning (LTR, B&W at 600 dpi): 120 sheets per minute ⁵⁶ 1-Sided Scanning (LTR, Full Color at 600 dpi): 70 sheets per minute 2-Sided Scanning (LTR, B&W at 600 dpi): 150 sheets per minute ⁵⁶ 2-Sided Scanning (LTR, Full Color at 600 dpi): 85 sheets per minute Scanning: 1-Sided Scanning (LTR, B&W and Full Color at 300 dpi): 120 sheets per minute 2-Sided Scanning (LTR, B&W at 300 dpi): 230 sheets per minute ⁵⁶ 2-Sided Scanning (LTR, Full Color at 300 dpi): 150 sheets per minute
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)
Resolution for Reading	Up to 600 dpi x 600 dpi
Number of Tones	Up to 256
Acceptable Originals	Sheet, book, three dimensional objects (up to 4.4 lb (2 kg))
Power Source	From the main unit
Dimensions (W x D x H)	25" x 23 7/8" x 10" (635 mm x 605 mm x 255 mm) (Feeder & Reader)
Weight	Approximately 84 lb (38 kg) (Feeder & Reader)

⁵⁵ The scanning speed may vary, depending on the scanning mode and original type selected.

⁵⁶ When the Speed Priority mode is selected.

6.6 POD Deck Lite-C1

Item	Specifications
Paper Size/Weight/Type⁴¹	<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 (5 1/2" x 5 7/8" to 13" x 19 1/4" (139.7 mm x 148 mm to 330.2 mm x 487.7 mm))⁵⁷</p> <p>Weight: Uncoated: 14 lb bond to 129 lb cover (52 to 350 g/m²) Coated: 22 lb bond to 129 lb cover (85 to 350 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes^{43, 44}</p>
Paper Deck Capacity	3,500 sheets (20 lb bond (80 g/m ²))
Power Source	120-127 V AC, 60 Hz, 2.2 A
Maximum Power Consumption	Approximately 480 W
Dimensions (W x D x H)³⁴	28 1/4" x 27" x 22 5/8" (717 mm x 686 mm x 574 mm)
Weight³⁴	Approximately 168 lb (76 kg)
Installation Space (W x D) (Includes the Main Unit and POD Deck Lite Attachment Kit-B1)	80 5/8" x 36 3/4" (2,049 mm x 934 mm) (When the Copy Tray-R2, Duplex Color Image Reader Unit-M1, and Upright Control Panel-G1 are attached)

³⁴ Includes the POD Deck Lite Attachment Kit-B1 and Buffer Path.

⁴¹ For more details on supported paper weights and types, see "[Media Feed Locations](#)," on p. 128.

⁴³ Standard Envelope Sizes: No. 10 (COM10), ISO-C5, DL, and Monarch.
Custom Envelope Sizes: 6" x 9", 9" x 12", and 10" x 13".

⁴⁴ Standard envelope sizes require the optional Envelope Feeder Attachment-G1.

⁵⁷ Custom paper sizes, which are smaller than 5 1/2" x 7 1/8" (139.7 mm x 182 mm), can be used only if they are registered as standard paper sizes.

6.7 POD Deck Lite XL-A1

Item		Specifications
Required Equipment		PRISMAsync R7.1 or later, imagePRESS Printer Kit, imagePRESS Server H350, or imagePRESS Server G250
Paper Size/Weight/Type⁴¹	Size	Size: 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 5 7/8" to 13" x 19 1/4" (139.7 mm x 148 mm to 330.2 mm x 487.7 mm)) and 8 1/4" x 19 1/4" to 13" x 30" (210 mm x 487.8 mm to 330.2 mm x 762 mm) ⁵⁸
	Type	Weight: Uncoated: 14 lb bond to 129 lb cover (52 to 350 g/m ²) Coated: 22 lb bond to 129 lb cover (85 to 350 g/m ²) Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes ^{43, 44, 45}
Paper Deck Capacity	Up to 19.2"	4,000 sheets (17 lb bond (64 g/m ²)) 3,500 sheets (20 lb bond (80 g/m ²))
	Up to 30"	1,000 sheets (20 lb bond (80 g/m ²))
Power Source		120-127V AC, 60 Hz, 2.4 A
Maximum Power Consumption		Approximately 480 W
Dimensions (W x D x H)³⁴		43 1/2" x 27" x 22 5/8" (1,105 mm x 686 mm x 574 mm)
Weight		Approximately 250 lb (113 kg)
Installation Space (W x D) (Includes the Main Unit and POD Deck Lite Attachment Kit-B1)		80 5/8" x 36 3/4" (2,049 mm x 934 mm) (When the Copy Tray-R2, Duplex Color Image Reader Unit-M1, and Upright Control Panel-G1 are attached)

³⁴ Includes the POD Deck Lite Attachment Kit-B1 and Buffer Pass.

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations."](#) on p. 128.

⁴³ Standard Envelope Sizes: No. 10 (COM10), ISO-C5, DL, and Monarch.
Custom Envelope Sizes: 6" x 9", 9" x 12", and 10" x 13".

⁴⁴ Standard envelope sizes require the optional Envelope Feeder Attachment-F1, which can only be installed in the paper cassettes of the main unit, or can be fed from the stack bypass.

⁴⁵ Envelope sizes ISO-C5, 9" x 12", and 10" x 13" require the optional Envelope Feeder Attachment-G1, which can only be installed in the optional POD Deck Lite-C1, POD Deck Lite XL-A1, or can be fed from the stack bypass.

⁵⁸ For paper sizes between 8 1/4" x 19 1/4" (210 mm x 487.8 mm) to 13" x 30" (330.2 mm x 762 mm), attach the fixing bracket for the size change plates.

6.8 Multi-Drawer Paper Deck-C1

Item	Specifications
Paper Size/Weight/Type⁴¹	<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 (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>Weight: Uncoated: 14 lb bond to 129 lb cover (52 to 350 g/m²) Coated: 22 lb bond to 129 lb cover (85 to 350 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum</p>
Paper Deck Capacity	2,000 sheets x 3 paper decks (20 lb bond (80 g/m ²))
Power Source	120-127V AC, 60 Hz, 3.1 A
Maximum Power Consumption	Approximately 880 W
Dimensions (W x D x H)	37 3/8" x 31 3/8" x 41" (950 mm x 797 mm x 1,040 mm)
Weight	Approximately 342 lb (155 kg)
Installation Space Includes the Main Unit (W x D)	89 7/8" x 36 3/4" (2,282 mm x 934 mm) (When the Copy Tray-R2, Duplex Color Image Reader Unit-M1, and Upright Control Panel-G1 are attached)

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations."](#) on p. 128.

6.9 Stack Bypass-C1

Item	Specifications
Paper Size/Weight/Type⁴¹	<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 51.2"¹⁰ (100 mm x 148 mm to 330.2 mm x 1,300 mm¹⁰))</p> <p>Weight: 14 lb bond to 129 lb cover (52 to 350 g/m²))</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes⁴³</p>
Paper Capacity	250 sheets (20 lb bond (80 g/m ²) or 1 1/8" (27.5 mm) in height)

¹⁰ Requires the optional Long Sheet Tray-B1.

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations."](#) on p. 128.

⁴³ Standard Envelope Sizes: No. 10 (COM10), ISO-C5, DL, and Monarch.
Custom Envelope Sizes: 6" x 9", 9" x 12", and 10" x 13".

6.10 Stack Bypass Alignment Tray-D1

Item	Specifications
Paper Size/Weight/Type ⁵⁹	See the “Stack Bypass-C1” specifications, on p. 58.
Paper Capacity	See the “Stack Bypass-C1” specifications, on p. 58
Weight	Approximately 2.4 lb (1.1 kg)

6.11 Long Sheet Tray-B1

Item	Specifications
Description	Includes long-sheet extension wires for the Stack Bypass Tray, Copy Tray-R2, and Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO to catch 13" x 30" sheets.
Paper Size/Weight/Type ⁴¹	Size: 3 7/8" x 5 7/8" to 13" x 19 1/4" (98.4 mm x 148 mm to 330.2 mm x 487.7 mm) 8 1/4" x 19 1/4" to 13" x 51 1/4" (210 mm x 487.7 mm to 330.2 mm x 1,300 mm) Weight: 14 lb bond to 129 lb cover (52 to 350 g/m ²) Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Clear Film, Labels, Bond, Coated, and Vellum
Paper Capacity	1 sheet (14 lb bond to 129 lb cover (52 to 350 g/m ²))
Dimensions (W x D X H) Includes the Main Unit	85 5/8" x 36 3/4" x 56 1/8" ¹⁸ (2,173 mm x 934 mm x 1,424 mm) (When the Copy Tray-R2, Stack Bypass Alignment Tray-D1, and Stack Bypass-C1 are attached)
Weight (Includes the Stack Bypass Alignment Tray-D1)	Approximately 3.1 lb (1.4 kg)

¹⁸ The width is measured to the right edge of the Upright Control Panel in the standard position, and the height is measured to the top of the Upright Control Panel in the standard position.

⁴¹ For more details on supported paper weights and types, see [“Media Feed Locations,”](#) on p. 128.

6.12 Long Sheet Tray-C1

Item	Specifications
Description	Includes long-sheet extension wires, and is required when the optional POD Deck Lite XL-A1 and Staple or Booklet Finisher-W1 PRO are attached.
Output Capacity	Approximately 100 sheets (20 lb bond (80 g/m ²)) in the Staple or Booklet Finisher-W1 PRO's top tray

⁵⁹ If the Basis Weight of the paper is less than 42 lb bond (156 g/m²), or the side of the paper parallel to the feeding direction is shorter than LTRR, the amount of skew correction applied to the paper will not change even if the Stack Bypass Alignment Tray-D1 is attached.

6.13 Tab Feeding Attachment-F1

Item	Specifications
Paper Size	LTR
Paper Capacity	2 3/8" (60 mm) in height (or 300 to 400 sheets)
Weight	Approximately 0.2 lb (0.1 kg)

6.14 Envelope Feeder Attachment-F1

Item	Specifications
Description	Attaches to the paper cassettes of the Main Unit.
Acceptable Envelopes	Standard Size: No. 10 (COM10), DL, and Monarch Custom Size: 6" x 9"
Loading Limit Height	Approximately 50 Envelopes
Weight	Approximately 0.1 lb (30 kg)

6.15 Envelope Feeder Attachment-G1

Item	Specifications
Description	Attaches to the optional POD Deck Lite-C1 and POD Deck Lite XL-A1.
Acceptable Envelopes	Standard Size: No. 10 (COM10), ISO-C5, DL, and Monarch Custom Size: 6" x 9" and 9" x 12", 10" x 13"
Loading Limit Height	No. 10 (COM10), ISO-C5, DL, and Custom Size: 6" x 9" and 9" x 12": Approximately 4" (100 mm) Monarch: Approximately 2 3/4" (70 mm)
Weight	Approximately 3.3 lb (1.5 kg)

6.16 Document Insertion Unit-N1

Item	Specifications
Paper Size/Weight/Type⁴¹	<p>Size: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, Custom Size (7 1/8" x 7 1/8" to 13" x 19 1/4" (182 mm x 182 mm to 330.2 mm x 487.7 mm))</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, Tab, Bond, Letterhead, Coated, Textured, Vellum</p>
Paper Capacity	Upper and Lower Tray: 200 sheets (20 lb bond (80 g/m ²)) x 2
Power Source	100-240V AC, 50/60 Hz, 1.0 A
Maximum Power Consumption	Approximately 120 W
Dimensions (W x D x H)	32 3/8" x 31 1/4" x 55 3/8" (823 mm x 793 mm x 1,407 mm)
Weight	Approximately 135 lb (61 kg)
Installation Space Including the Main Unit (W x D)	<p>105 3/8" x 36 3/4" (2,676 mm x 934 mm)</p> <p>(When the Duplex Color Image Reader Unit-M1, Upright Control Panel-G1, and Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO are attached)</p>

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

6.17 Paper Folding Unit-J1

Item	Specifications
Required Equipment	Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO
Paper Size/Weight/Type⁴¹	<p>Size:</p> <p>Z-Fold: LTRR, LGL, 11" x 17"</p> <p>C-Fold: LTRR</p> <p>Accordion Z-Fold: LTRR</p> <p>Double Parallel Fold: LTRR and LGL</p> <p>Half Fold: LTRR</p> <p>Weight: Z-, C-, Accordion Z, Half-Fold: 14 to 28 lb bond (52 to 105 g/m²)</p> <p>Double Parallel Fold: 14 to 24 lb bond (52 to 90 g/m²)</p> <p>Type: Thin, Plain, Color, Recycled, Coated, Bond, and Textured</p>
Power Source	From the finisher
Maximum Power Consumption	Approximately 150 W
Dimensions (W x D x H)	19 3/4" x 31 1/4" x 46 7/8" (502 mm x 793 mm x 1,190 mm)
Weight	Approximately 157 lb (71 kg)
Installation Space Including the Main Unit (W x D)	105 3/8" x 36 3/4" (2,676 mm x 934 mm) (When the Duplex Color Image Reader Unit-M1, Upright Control Panel-G1, and Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO are attached)

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

6.18 High Capacity Stacker-H1



IMPORTANT

- The High Capacity Stacker-H1 does not support envelope sizes smaller than 5.5" x 7.2", such as No.10 (COM10) and Monarch (even in the Pass-Through mode).
- Only one High Capacity Stacker can be configured with each engine.

Item	Specifications
Long Sheet Requirements	Requires the HCS Long Sheet Tray-C1 to output long sheets (longer than 13" x 19") to the top tray of High Capacity Stacker-H1.
Paper Size	13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC, EXECR, and Irregular Size (5.5" x 7.2" to 13" x 19.2" (140 mm x 182 mm to 330.2 mm x 487.7 mm))
Paper Weight	14 lb bond to 129 lb cover (52 to 350 g/m ²)
Paper Type	Plain, Offset, Coated, Transparency, Recycled, Preprinted, Tab, Labels, Texture, Die cuts
Paper Capacity	Approximately 6,200 sheets maximum (Including the top tray)
Number of Trays	3 trays
Tray Capacity (LTR paper (20 lb bond (80 g/m²)))	Top Tray: Up to 200 sheets (or 0.8" (20 mm) in height) Stack Tray (Internal): Up to 3,000 sheets (or 14" (355 mm) in height) Eject Tray (External): Up to 3,000 sheets (or 14" (355 mm) in height)
Stacking Modes	Straight, Offset
Interface	The optional DFD (Document Finishing Device) connects the High Capacity Stacker-H1 with various third party finishers.
Power Source	120V AC, 60 Hz, 10A
Maximum Power Consumption	Off: Less than 0.5 W Ready: Less than 15 W In Use: Less than 300 W
Dimensions (W x D x H)	Approximately 35.4" x 29.3" (49.2" ²⁵) x 44.9" (899 mm x 744 mm (1,250 mm ²⁵) x 1,140 mm)
Weight	Approximately 264.6 lb (120 kg)

²⁵ When the eject tray is extended.

6.19 Copy Tray-R2

Item	Specifications
Paper Size/Weight/Type⁴¹	<p>Size⁶⁰: 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 51.2"¹⁰ (100 mm x 148 mm to 330.2 mm x 1,300 mm¹⁰))</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, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes</p>
Tray Capacity	<p>Simplex: 250 sheets (20 lb bond (80 g/m²))</p> <p>Duplex: 250 sheets (20 lb bond (80 g/m²))</p>
Dimensions (W x D x H)	16 5/8" x 15" x 6 7/8" (422 mm x 382 mm x 175 mm)
Weight	Approximately 2.6 lb (1.2 kg)
Installation Space Including the Main Unit (W x D)	76 7/8" x 36 3/4" (1,952 mm x 934 mm) (When the Duplex Color Image Reader Unit-M1 and Upright Control Panel-G1 are attached.)

¹⁰ Requires the optional Long Sheet Tray-B1.

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

60 If the Long Sheet Tray-B1 is attached, the paper size can go from 3 7/8" x 5 7/8" to 13" x 51.2".

6.20 Staple Finisher-W1 PRO

Item	Specifications
Paper Size/Weight/Type⁴¹	<p>Size⁶⁰: 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))</p> <p>Weight: 14 lb bond to 129 lb cover (52 to 350 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes</p>

¹⁰ Requires the optional Long Sheet Tray-B1.

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

⁶⁰ If the Long Sheet Tray-B1 or -C1 is attached, the paper size can go from 3 7/8" x 5 7/8" to 13" x 51.2".



IMPORTANT

- Longer sheet sizes can only be output to Tray A. To use longer sheet sizes, set the output destination on the machine to 'Tray A'. For instructions, see the e-Manual that came with your machine.
- When the DFD Adapter and Finisher Bridge-A1 is attached to the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO, the top tray (Tray A) is removed, and only the lower tray (Tray B) of the finisher is available to output sheets. Tray B supports paper sizes of 7.16" x 7.16" to 13" x 19.2" (182 mm x 182 mm to 330.2 mm x 487.7 mm). Envelopes and small-size paper, such as STMT, are not supported.

Staple Finisher-W1 PRO Table Continued

Item	Specifications
Capacity Per Tray⁶¹	No Collating, Collate, or Group Mode
	Tray A: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMTR: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B: If the High Volume Stack mode is set to 'Off': LTR and EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 1,000 sheets (or 5 3/4" (147 mm) in height)
	If the High Volume Stack mode is set to 'On' ⁶² : LTR and EXEC: 4,000 sheets (or 19 1/4" (490 mm) in height) LTRR: 2,000 sheets (or 11 1/4" (285 mm) in height) 11" x 17" and LGL: 1,500 sheets (or 8 1/2" (216 mm) in height) 13" x 19", 12 5/8" x 17 11/16", and 12" x 18": 1,000 sheets (or 5 3/4" (147 mm) in height)
	Staple Mode
	Tray B: LTR and EXEC: 3,000 sheets/200 sets (or 16 5/8" (423 mm) in height) LTRR: 2,000 sheets/200 sets (or 11 1/4" (285 mm) in height) 11" x 17" and LGL: 1,500 sheets/200 sets (or 8 1/2" (216 mm) in height)
	No Collating, Collate, or Group Mode with Different Paper Sizes
	Tray A: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B ⁶³ : If the High Volume Stack mode is set to 'Off': LTR and EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 1,000 sheets (or 5 3/4" (147 mm) in height)
	If the High Volume Stack mode is set to 'On' ⁶² : LTR and EXEC: 4,000 sheets (or 19 1/4" (490 mm) in height) LTRR: 2,000 sheets (or 11 1/4" (285 mm) in height) 11" x 17" and LGL: 1,500 sheets (or 8 1/2" (216 mm) in height) 13" x 19", 12 5/8" x 17 11/16", and 12" x 18": 1,000 sheets (or 5 3/4" (147 mm) in height)
	Z-Fold Mode (When the Paper Folding Unit-J1 Is Attached)
	Tray A, B: 30 sheets or 10 sheets/1 set
	Half Fold Mode (When the Paper Folding Unit-J1 Is Attached)
	Tray A, B: 50 sheets

⁶¹ To stack 2,000 sheets or more (LTR paper), use Tray B first, and then use Tray A.

⁶² The maximum stack volume may vary, depending on the paper type.

⁶³ If the capacity values of the different paper sizes differ, the smaller capacity is applied to Tray B.

Staple Finisher-W1 PRO Table Continued

Item	Specifications
Maximum Stapling Capacity/Available Staple Size	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 100 sheets (20 lb bond (80 g/m²)) or stacked to a height of 1/2" (11 mm) 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (140 lb index (256 g/m²))</p> <p>11" x 17", LGL, LTRR: 50 sheets (20 lb bond (80 g/m²)) or stacked to a height of 1/4" (5.5 mm) 48 sheets (20 lb bond (80 g/m²)) + 2 sheets (140 lb index (256 g/m²))</p> <p>Corner Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC, Custom Size (8 1/4" x 7 1/8" to 11 3/4" x 17" (210 mm x 182 mm to 297 mm to 432 mm))</p> <p>Double Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC, Custom Size (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm to 432 mm))</p>
Power Source/Maximum Power Consumption	120-240V AC, 60 Hz, 8 A Approximately 500 W
Dimensions (W x D x H)	31 1/2" x 31 1/4" x 48 3/4" (800 mm x 792 mm x 1,239 mm)
Weight	Approximately 287 lb (130 kg)
Installation Space Including the Main Unit (W x D)	92" x 36 3/4" (2,335 mm x 934 mm) (When the Duplex Color Image Reader Unit-M1 and Upright Control Panel-G1 are attached.)

6.21 Booklet Finisher-W1 PRO

Item	Specifications
Paper Size/Weight/Type⁴¹	<p>Size⁶⁰: 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))</p> <p>Weight: 14 lb bond to 129 lb cover (52 to 350 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes</p>

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations."](#) on p. 128.

⁶⁰ If the Long Sheet Tray-B1 or -C1 is attached, the paper size can go from 3 7/8" x 5 7/8" to 13" x 51.2".



IMPORTANT

- Longer sheet sizes can only be output to Tray A. To use longer sheet sizes, set the output destination on the machine to 'Tray A'. For instructions, see the e-Manual that came with your machine.
- When the DFD Adapter and Finisher Bridge-A1 is attached to the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO, the top tray (Tray A) is removed, and only the lower tray (Tray B) of the finisher is available to output sheets. Tray B supports paper sizes of 7.16" x 7.16" to 13" x 19.2" (182 mm x 182 mm to 330.2 mm x 487.7 mm). Envelopes and small-size paper, such as STMT, are not supported.

Booklet Finisher-W1 PRO Table Continued

Item	Specifications
Capacity Per Tray⁶¹	No Collating, Collate, or Group Mode
	Tray A: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, STMT: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B: If the High Volume Stack mode is set to 'Off': LTR and EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 1,000 sheets (or 5 3/4" (147 mm) in height)
	If the High Volume Stack mode is set to 'On' ⁶² : LTR and EXEC: 4,000 sheets (or 19 1/4" (490 mm) in height) LTRR: 2,000 sheets (or 11 1/4" (285 mm) in height) 11" x 17" and LGL: 1,500 sheets (or 8 1/2" (216 mm) in height) 13" x 19", 12 5/8" x 17 11/16", and 12" x 18": 1,000 sheets (or 5 3/4" (147 mm) in height)
	Staple Mode
	Tray B: LTR and EXEC: 3,000 sheets/200 sets (or 16 5/8" (423 mm) in height) LTRR: 2,000 sheets/200 sets (or 11 1/4" (285 mm) in height) 11" x 17" and LGL: 1,500 sheets/200 sets (or 8 1/2" (216 mm) in height)
	No Collating, Collate, or Group Mode with Different Paper Sizes
	Tray A: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B ⁶³ : If the High Volume Stack mode is set to 'Off': LTR and EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR: 1,000 sheets (or 5 3/4" (147 mm) in height)
	If the High Volume Stack mode is set to 'On' ⁶² : LTR and EXEC: 4,000 sheets (or 19 1/4" (490 mm) in height) LTRR: 2,000 sheets (or 11 1/4" (285 mm) in height) 11" x 17" and LGL: 1,500 sheets (or 8 1/2" (216 mm) in height) 13" x 19", 12 5/8" x 17 11/16", and 12" x 18": 1,000 sheets (or 5 3/4" (147 mm) in height)
	Z-Fold Mode (When the Paper Folding Unit-J1 Is Attached)
	Tray A, B: 30 sheets or 10 sheets/1 set
	Half Fold Mode (When the Paper Folding Unit-J1 Is Attached)
	Tray A, B: 50 sheets

⁶¹ To stack 2,000 sheets or more (LTR paper), use Tray B first, and then use Tray A.

⁶² The maximum stack volume may vary, depending on the paper type.

⁶³ If the capacity values of the different paper sizes differ, the smaller capacity is applied to Tray B.

Booklet Finisher-W1 PRO Table Continued

Item	Specifications
Maximum Stapling Capacity/Available Staple Size	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 100 sheets (20 lb bond (80 g/m²)) or stacked to a height of 1/2" (11 mm) 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (140 lb index (256 g/m²))</p> <p>11" x 17", LGL, LTRR: 50 sheets (20 lb bond (80 g/m²)) or stacked to a height of 1/4" (5.5 mm) 48 sheets (20 lb bond (80 g/m²)) + 2 sheets (140 lb index (256 g/m²))</p> <p>Corner Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC, Custom Size (8 1/4" x 7 1/8" to 11 3/4" x 17" (210 mm x 182 mm to 297 mm to 432 mm))</p> <p>Double Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC, Custom Size (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm to 432 mm))</p>
Available Saddle Stitch Capacity⁶⁴/Size	<p>Saddle Stitch: 25 sheets (20 lb bond (80 g/m²))</p> <p>Saddle Folding: 5 sheets (20 lb bond (80 g/m²))</p> <p>Size: 13" x 19", 12 5/8" x 17 11/16", 12" x 18", 11" x 17", LGL, LTRR, Custom Size (8 1/4" x 11" to 13" x 19 1/4" (210 mm x 279.4 mm to 330.2 mm to 487.7 mm))</p> <p>Weight of Cover Sheet: Must be the same paper weight as the main document (14 lb bond to 129 lb cover (52 to 350 g/m²)).</p>
Power Source/Maximum Power Consumption	120-240V AC, 60 Hz, 8 A Approximately 500 W
Dimensions (W x D x H)	31 1/2" x 31 1/4" x 48 3/4" (800 mm x 792 mm x 1,239 mm)
Weight	Approximately 397 lb (180 kg)
Installation Space Including the Main Unit (W x D)	92" x 36 3/4" (2,335 mm x 934 mm) (When the Duplex Color Image Reader Unit-M1 and Upright Control Panel-G1 are attached.)

64 The available saddle stitch capacity may vary, depending on the paper type and weight.

6.22 Staple Finisher-AC1



IMPORTANT

- The Staple Finisher-AC1 can be attached to the imagePRESS C810 and C710.
- The Staple Finisher-AC1 is part of a set item with the Power Supply-V1 for the imagePRESS C710 and C810 only. Customers must purchase the imagePRESS C710 and C810 engines separately.

Item	Specifications
Paper Size/Weight/Type⁴¹	<p>Size⁶⁰: 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))</p> <p>Weight:</p> <p>Tray A, Tray B: 14 lb bond to 140 lb index (52 to 256 g/m²)</p> <p>Tray C: 14 lb bond to 110 lb cover (52 to 300 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes</p>

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

⁶⁰ If the Long Sheet Tray-B1 or -C1 is attached, the paper size can go from 3 7/8" x 5 7/8" to 13" x 51.2".



IMPORTANT

Longer sheet sizes can only be output to Tray A. To use longer sheet sizes, set the output destination on the machine to 'Tray A'. For instructions, see the e-Manual that came with your machine.

Staple Finisher-AC1 Table Continued

Item	Specifications
Capacity Per Tray	No Collating Mode, Collate, and Group Modes
	Tray A: LTR, STMTR, EXEC: 250 sheets (or 1 7/8" (47 mm) in height)
	13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, LTRR: 125 sheets (or 1" (24 mm) in height)
	Tray B: LTR, STMTR, EXEC: 250 sheets (or 1 7/8" (47 mm) in height)
	13" x 19" ⁶⁵ , 12 5/8" x 17 3/4" ⁶⁵ , 12" x 18", 11" x 17", LGL, LTRR: 125 sheets (or 1" (24 mm) in height)
	Tray C: LTR: 3,000 sheets (or 16 5/8" (423 mm) in height) ⁶⁶
	STMTR, EXEC: 1,500 sheets (or 8 1/2" (216 mm) in height)
	13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, LTRR: 1,500 sheets (or 8 1/2" (216 mm) in height)
	Staple Mode
	Tray C: LTR, EXEC: 3,000 sheets/200 sets (or 16 5/8" (423 mm) in height) ⁶⁶
	11" x 17", LGL, LTRR: 1,500 sheets/100 sets (or 8 1/2" (216 mm) in height)
	No Collating, Collate, or Group Mode with Different Paper Sizes
	Tray C: 1,500 sheets (or 8 1/2" (216 mm) in height)
	Staple Mode with Different Paper Sizes
	Tray C: 1,500 sheets/100 sets (or 8 1/2" (216 mm) in height)

⁶¹ To stack 2,000 sheets or more (LTR paper), use Tray B first, and then use Tray A.

⁶⁵ When using Thin Paper, the maximum stack volume is 30 sheets.

⁶⁶ Up to 1,500 sheets (or 8 1/2" (216 mm) in height) when thin or custom paper (lighter than 16 lb bond (59 g/m²)) is selected.

Staple Finisher-AC1 Table Continued

Item	Specifications
Maximum Stapling Capacity/Available Staple Size	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 65 sheets (24 lb bond (90 g/m²))</p> <p>11" x 17", LGL: 30 sheets (24 lb bond (90 g/m²))</p> <p>LTRR: 40 sheets (20 lb bond (80 g/m²))</p> <p>Corner Staple and Double Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC</p>
Maximum Staple-Free Stapling Capacity	11" x 17" and LTR: 5 sheets (14 to 17 lb bond (52 to 64 g/m ²))
Optional Accessory	Jogger Kit-A1: Attaches to the finisher's output tray, and aligns the output paper.
Power Source ⁶⁷	From the main unit.
Dimensions (W x D x H)	20 3/4" x 24 1/2" x 43 1/4" (527 mm x 623 mm x 1,099 mm)
Weight	Approximately 80 lb (36 kg)
Installation Space Including the Main Unit (W x D)	<p>85 3/4" x 36 3/4" (2,179 mm x 934 mm) (When the Duplex Color Image Reader-M1 and Upright Control Panel-G1 are attached.)</p> <p>90 1/4" x 36 3/4" (2,291 mm x 934 mm) (When the optional 2/3 Hole Puncher Unit-A1, Duplex Color Image Reader-M1, and Upright Control Panel-G1 are attached.)</p>

⁶⁷ Requires the Power Supply-V1.

6.23 Booklet Finisher-AC1



IMPORTANT

- The Booklet Finisher-AC1 can be attached to the imagePRESS C810 and C710.
- The Booklet Finisher-AC1 is part of a set item with the Power Supply-V1 for the imagePRESS C710 and C810 only. Customers must purchase the imagePRESS C710 and C810 engines separately.

Item	Specifications
Paper Size/Weight/Type⁴¹	Size ^{60, 68} : 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))
	Weight:
	Tray A: 14 lb bond to 140 lb index (52 to 256 g/m ²) Tray B, Tray C: 14 lb bond to 110 lb cover (52 to 300 g/m ²)
	Type: Thin, Plain, Heavy, Color, Recycled, Pre-Punched, Transparency, Clear Film, Labels, Tab, Bond, Letterhead, Coated, Textured, Vellum, and Envelopes

41 For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

60 If the Long Sheet Tray-B1 or -C1 is attached, the paper size can go from 3 7/8" x 5 7/8" to 13" x 51.2".



IMPORTANT

Longer sheet sizes can only be output to Tray A. To use longer sheet sizes, set the output destination on the machine to 'Tray A'. For instructions, see the e-Manual that came with your machine.

68 Long sheets can only be output to Tray C.

Booklet Finisher-AC1 Table Continued

Item	Specifications
Capacity Per Tray	No Collating Mode, Collate, and Group Modes
	Tray A: LTR, STMTR, EXEC: 250 sheets (or 1 7/8" (47 mm) in height)
	13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, LTRR: 125 sheets (or 1" (24 mm) in height)
	Tray B: LTR, STMTR, EXEC: 250 sheets (or 1 7/8" (47 mm) in height)
	13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, LTRR: 125 sheets (or 1" (24 mm) in height)
	Tray C: LTR: 3,000 sheets (or 16 5/8" (423 mm) in height) ⁶⁶
	STMTR, EXEC: 1,500 sheets (or 8 1/2" (216 mm) in height)
	13" x 19", 12 5/8" x 17 3/4", 12" x 18", 11" x 17", LGL, LTRR: 1,500 sheets (or 8 1/2" (216 mm) in height)
	Staple Mode
	Tray C: LTR, EXEC: 3,000 sheets/200 sets (or 16 5/8" (423 mm) in height) ⁶⁶
	11" x 17", LGL, LTRR: 1,500 sheets/100 sets (or 8 1/2" (216 mm) in height)
	No Collating, Collate, or Group Mode with Different Paper Sizes
	Tray C: 1,500 sheets (or 8 1/2" (216 mm) in height)
	Staple Mode with Different Paper Sizes
	Tray C: 1,500 sheets/100 sets (or 8 1/2" (216 mm) in height)
	Saddle Stitch Mode
	1 to 5 sheets/25 sets, 6 to 10 sheets/15 sets, 11 to 16 sheets/10 sets

⁶⁶ Up to 1,500 sheets (or 8 1/2" (216 mm) in height) when thin or custom paper (lighter than 16 lb bond (59 g/m²)) is selected.

Booklet Finisher-AC1 Table Continued

Item	Specifications
Maximum Stapling Capacity/Available Staple Size	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 65 sheets (24 lb bond (90 g/m²)) 11" x 17", LGL, LTRR: 30 sheets (24 lb bond (90 g/m²))</p> <p>Corner Staple and Double Staple Sizes: 11" x 17", LGL, LTR, LTRR, EXEC</p>
Available Saddle Stitch Capacity⁶⁴/Size	<p>Saddle Stitch:</p> <p>20 sheets (20 lb bond (80 g/m²)), (including 1 cover sheet (140 lb index (256 g/m²)))</p> <p>Saddle Folding:</p> <p>3 sheets (14 to 28 lb bond (52 to 105 g/m²))</p> <p>Size: 12" x 18", 11" x 17", LGL, LTRR, Custom Size (7 3/4" x 10 5/8" to 12" x 18" (195 mm x 270 mm to 304.8 mm x 457.2 mm))</p> <p>Cover Weight: Must be the same paper weight as the main document (14 lb bond to 129 lb cover (52 to 350 g/m²)).</p>
Maximum Staple-Free Stapling Capacity	11" x 17" and LTR: 5 sheets (14 to 17 lb bond (52 to 64 g/m ²))
Optional Accessory	Jogger Kit-A1: Attaches to the finisher's output tray, and aligns the output paper.
Power Source⁶⁷	From the main unit
Dimensions (W x D x H)	20 3/4" x 24 1/2" x 43 1/4" (527 mm x 623 mm x 1,099 mm)
Weight	Approximately 131 lb (59 kg)
Installation Space Including the Main Unit (W x D)	<p>85 7/8" x 36 3/4" (2,181 mm x 934 mm) (When the Duplex Color Image Reader-M1 and Upright Control Panel-G1 are attached.)</p> <p>90 1/4" x 36 3/4" (2,293 mm x 934 mm) (When the optional 2/3 Hole Puncher Unit-A1, Duplex Color Image Reader-M1 and Upright Control Panel-G1 are attached.)</p>

⁶⁴ The available saddle stitch capacity may vary, depending on the paper type and weight.

⁶⁷ Requires the Power Supply-V1.

6.24 Jogger Kit-A1 for the Staple or Booklet Finisher-AC1

Item		Specifications
Required Equipment		Staple Finisher-AC1 or Booklet Finisher-AC1
Paper Size	Standard	11" x 17", LGL, LTR, LTRR, EXEC
	Shift-Sort	Feed Direction: 7 1/8" to 17" (182 mm to 431.8 mm) Cross Feed Direction: 8.27" to 11.7" (210 mm to 297 mm)
	No Sort	Feed Direction: 7 1/8" to 17" (182 mm to 431.8 mm) Cross Feed Direction: 7 1/8 to 11.7" (210 mm to 297 mm)
Paper Weight	Shift-Sort	14 lb bond to 110 lb cover (52 to 300 g/m ²)
	No Sort	14 lb bond to 140 lb index (52 to 256 g/m ²)
Paper Type		Thin (52 to 63 g/m ²), Plain (64 to 105 g/m ²), Recycled, Heavy (106 to 300 g/m ²), Coated (85 to 300 g/m ²)
Maximum Stacking Capacity ⁶⁹		Plain and Heavy Paper (LTR and EXEC): Approximately 16.7" (423 mm)
Shift Amount ⁷⁰		Approximately 4/5" (20 mm)
Power Source		From the finisher
Dimensions (W x D x H)		22.7" x 6.7" x 6.1" (577 mm x 169 mm x 154 mm)
Weight		Approximately 6.7 lb (3.0 kg)

⁶⁹ For the details on the stacking capacity by paper type, size, and delivery mode, refer to the Staple Finisher-AC1 or Booklet Finisher-AC1 specifications.

⁷⁰ If the paper width is from 7 1/8" (210 mm) to 9.1" (232 mm), the alignment position is fixed, and the shift amount changes, depending on the paper width.

6.25 Puncher Unit-BS1 and Puncher Unit-BT1

Item	Specifications
Required Equipment	Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO
Paper Size/Weight/Type⁴¹	<p>Puncher Unit-BS1</p> <p>Size: Two Holes: LGL, LTRR, Custom (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm x 432 mm))</p> <p>Three Holes: 11" x 17", LTR, EXEC, Custom (9 1/2" x 7 1/8" to 11 3/4" x 17" (240 mm x 182 mm to 297 mm x 432 mm))</p> <p>Puncher Unit-BT1</p> <p>Size: Two Holes: LGL, LTRR, Custom (7 1/8" x 7 1/8" to 11 3/4" x 17" (182 mm x 182 mm to 297 mm x 432 mm))</p> <p>Four Holes: 11" x 17", LTR, EXEC, Custom (10 1/8" x 7 1/8" to 11 3/4" x 17" (257 mm x 182 mm to 297 mm x 432 mm))</p> <p>Weight: 14 lb bond to 110 lb cover (52 to 300 g/m²)</p> <p>Type: Thin, Plain, Heavy, Color, Recycled, Tab, Bond, Letterhead, Coated, and Textured</p>
Punch Hole Quantity, Hole Diameter	<p>Puncher Unit-BS1:</p> <p>Two or Three Holes: 3/8" (8 mm)</p> <p>Puncher Unit-BT1:</p> <p>Two or Four Holes: 1/4" (6.5 mm)</p>
Distance between Punch Holes	<p>Puncher Unit-BS1:</p> <p>Two holes: 2 3/4" (70 mm)</p> <p>Three holes: 4 1/4" (108 mm)</p> <p>Puncher Unit-BT1:</p> <p>Two Holes: 3 1/8" (80 mm)</p> <p>Four Holes: 3 1/8" (80 mm)</p>
Punch Waste Tray Capacity⁷¹	Approximately 6,000 sheets (20 lb bond (80 g/m ²))
Power Source	From the finisher
Dimensions (H x W x D)	Inside the Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO
Weight	Approximately 6.7 lb (3.0 kg)

⁴¹ For more details on supported paper weights and types, see ["Media Feed Locations,"](#) on p. 128.

⁷¹ The figure may differ, depending on the surrounding environment, paper type, and paper weight.

6.26 2/3 Hole Puncher Unit-A1

Item	Specifications
Description	An optional hole puncher unit for the Staple Finisher-AC1 or Booklet Finisher-AC1.
Paper Size/Weight/Type⁴¹	Size: Two Holes: 11" x 17", LGL, LTR, and LTRR Three Holes: 11" x 17" and LTR Weight: 14 lb bond to 140 lb index (52 to 256 g/m ²) Type: Thin, Plain, Heavy, Color, Recycled, Tab, Bond, Letterhead, Coated, and Textured
Punch Hole Quantity, Hole Diameter	Two Holes: 3/8" (8 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)
Punch Waste Tray Capacity	Approximately 10,000 sheets (20 lb bond (80 g/m ²))
Power Source	From the finisher
Dimensions (W x D x H)	4 1/4" x 24 1/4" x 32 1/2" (107 mm x 615 mm x 825 mm)
Weight	Approximately 17 lb (7.7 kg)
Installation Space Including the Main Unit (W x D)	90 1/4" x 36 3/4" (2,293 mm x 934 mm) (When the Booklet Finisher-AC1, Duplex Color Image Reader-M1, and Upright Control Panel-G1 are attached.)

⁴¹ For more details on supported paper weights and types, see "[Media Feed Locations.](#)" on p. 128.

6.27 Multi Function Professional Puncher-B1

Item		Specifications
Paper Size	At Bypass Feeding	Maximum: 13" (width) x 30" (feeding direction) Minimum: 4" (width) x 5.8" (feeding direction)
	At Punch	12" x 18", 11" x 17", LGL, LTR
	At Crease	13" x 19", 12" x 18", 11" x 17", LGL, LTR-R
Paper Weight ⁷²	At Bypass Feeding	Plain Paper: 13 lb bond to 130 lb cover (50 to 350 g/m ²) Coated Paper: 19 lb bond to 130 lb cover (70 to 350 g/m ²)
	At Punch	Plain Paper: 20 lb bond to 110 lb cover (75 to 300 g/m ²) Coated Paper: 32 lb bond to 110 lb cover (118 to 300 g/m ²)
	At Crease	Plain and Coated Paper: 110 lb text to 110 lb cover (162 to 300 g/m ²)
Paper Type ⁷³		Thin, Plain, Heavy, Color, Recycled, Tab, Bond, Letterhead, Coated, Textured
Punch Patterns, Die Sets (LTR) (Optional)		Plastic Comb (19 holes), Twin Loop (21 and 32 holes), Twin Loop (23 and 21 holes (Round)), Twin Loop (34 and 32 holes (Round)), Color Coil (44 holes), Velo Bind (11 holes), Loose-Leaf (3 to 5 holes), High Durability Color Coil (44 holes), High Durability Loose Leaf (3 holes), High Durability Plastic Comb (19 holes), and Crease Die
Punch Capacity		1 sheet (from 75 g/m ² to 300 g/m ²)
Punch Die Life Cycle ⁷⁴		Standard Die: 750,000 Cycles High Durability Die: 4,000,000 Cycles
Crease Die Skew		+/- 1.8 mm
Crease Die Life Cycle ⁷⁴		500,000 cycles
Power Source		100 to 127V AC, 60 Hz, 15 A
Maximum Power Consumption		Approximately 550 W
Dimensions (W x D x H)		17 1/2" x 31 1/4" x 40.9" (445 mm x 795 mm x 1,040 mm)
Weight		Approximately 224 lb (102 kg)

6.28 Card Reader-F1

Item	Specifications
Available Cards	Magnetic
Card Readout Method	Magnetic readout
Store/Replay	Replay
Power Source	From the main unit
Dimensions (H x W x D)	1 5/8" x 3 1/2" x 3 3/4" (40 mm x 88 mm x 96 mm)
Weight	Approximately 7.1 oz (200 g) (Including the attachment kit and cable)

⁷² The paper weight and paper stocks differ, depending on the selected die set.

⁷³ OHP/transparencies and film cannot be punched or creased with the Multi Function Professional Puncher-B1. Bypass is supported.

⁷⁴ Die life can vary based on paper types and weights used.

6.29 Perfect Binder-E1

Item	Specifications
PRISMAsync Requirements	PRISMAprepare and Advanced Imposition licenses
Binding Method	Case Binding
Trimming Range⁷⁵	Width ⁷⁶ : 0.26" to 1.95" (6.5 mm to 49.5 mm) Length: 0.26" to 1.6" (6.5 mm to 39.5 mm)
Booklet Size (after 3-directional cutting)⁷⁵	Width ⁷⁶ : 8.0" to 11.7" (202 mm to 297 mm) Length: 5.4" to 8.5" (138 mm to 216 mm)
Cover Sheet Size	Width ⁷⁶ : 10.1" to 13" (257 mm to 330.2 mm) Length: 14.4" to 19.2" (364 mm to 487.7 mm)
Signature Pages/Slip Sheet Size⁷⁵	Width ⁷⁶ : 10.1" to 12.6" (257 mm to 320 mm) Length: 7.2" to 9" (182 mm to 228.6 mm)
Paper Weight	Body ⁷⁷ : 14 to 43 lb bond (52 to 163 g/m ²) Cover ⁷⁸ : 24 to 80 lb bond (90 to 300 g/m ²)
Maximum Binding Capacity	14 to 16 lb bond (52 to 63 g/m ²): 30 to 200 sheets 17 to 20 lb bond (64 to 80 g/m ²): 10 to 200 sheets 20 to 28 lb bond (81 to 105 g/m ²): 10 to 150 sheets 28 to 43 lb bond (106 to 163 g/m ²): 1 to 10 sheets (slip sheet only)
Paper that Can Go through the Binder/ Through-Pass Transfer Section	Size: Width: 5.5" to 13" (139.7 mm to 330.2 mm) Length: 5.5" to 19.2" (139.7 mm to 487.7 mm) Weight ⁷⁷ : 14 lb bond to 130 lb cover (52 to 350 g/m ²) (supported in the Bypass mode only)
Glue Capacity	Approximately 0.8 lb (380 grams) (This is enough for approximately 135 booklets when binding 100-page LTR-size booklets of 17 lb bond (64 g/m ²) paper.)
Trimmer Waste Unit Capacity	When binding 100 LTR sheets and cutting them to B5 (6.9" x 9.8" (176 mm x 250 mm)), there is space for the cuttings from approximately 15 booklets.
Tray Capacity	Approximately 5" (127 mm) (This is equivalent to: 10 booklets of 100 body/slip sheets (17 lb bond (64 g/m ²)) + one cover sheet (34 lb bond (128 g/m ²)), or approximately 1,000 sheets of paper total.)
Warm Up Time	Fewer than 7.3 minutes
Power Source	208 V, 60 Hz, 2.6 A
Maximum Power Consumption	630 W
Dimensions (W x D x H)	36.3" x 31.1" x 51.25" (922 mm x 791 mm x 1,300 mm)
Weight	Approximately 679 lb (308 kg)

⁷⁵ The width can be adjusted in the range of $\pm 0.02"$ (± 5 mm), and the length can be adjusted in the range of $\pm 0.02"$ (± 0.5 mm).

⁷⁶ The width refers to the feeding edge of the paper.

⁷⁷ The paper weight may differ, depending on the main machine.

⁷⁸ Use grain short paper for the cover if the paper weight is 67 lb bond (251 g/m²) or heavier.

6.30 Booklet Trimmer-F1

Item	Specifications
Required Equipment	Booklet Finisher-W1 PRO
Margin Trimming Method	Upper knife reciprocating fore-edge
Trim Amount	0.08" to 1.10" (2 mm to 28 mm)
Maximum Number of Sheets^{79, 80}	50 sheets (20 lb bond (80 g/m ²)) 48 sheets (20 lb bond (80 g/m ²)) + 2 sheets (110 lb cover (300 g/m ²))
Acceptable Paper Sizes⁸¹	13" x 19.2", 12" x 18", 11" x 17", LGL, LTRR
Acceptable Paper Weights	14 lb bond to 129 lb cover (52 to 350 g/m ²)
Booklet Waste Tray Capacity	5,000 sheets of trimmed strips (width 0.78" (20 mm), LTR paper (20 lb bond (80 g/m ²))
Conveyor Capacity	Conveyor belt - 15 booklets (10 sheets of thick sheets without a cover)
Power Source	From the finisher
Maximum Power Consumption	Approximately 300 W
Dimensions (W x D x H)	82.5" x 31" x 40.9" (2,095 mm x 779 mm x 1,040 mm) (With conveyor and delivery tray)
Weight	Approximately 392 lb (178 kg)

79 If the cover sheet is thinner than the other sheets in the booklet, the cover sheet may be scratched. It is recommended to use a thicker sheet for the cover sheet.

80 The maximum number of sheets that can be trimmed may differ, depending on the main machine.

81 The possible trim size may change, depending on the main machine.

6.31 Two-Knife Booklet Trimmer-A1

Item	Specifications
Required Equipment	Booklet Trimmer-F1
Margin Trimming Method	Upper knife, reciprocating top-bottom
Maximum Number of Sheets^{79, 80}	50 sheets (20 lb bond (80 g/m ²)) 48 sheets (20 lb bond (80 g/m ²)) + 2 sheets (110 lb cover (300 g/m ²))
Acceptable Paper Sizes⁸¹	13" x 19.2", 12" x 18", 11" x 17", LGL, LTRR
Acceptable Paper Weights	14 lb bond to 129 lb cover (52 to 350 g/m ²)
Trimming Width	Top-bottom: 0.08" to 0.59" (2 mm to 15 mm) Minimum width of booklet in top and bottom directions: 7.48" (190 mm)
Trim Box Capacity	1,500 sheets of trimmed strips (width 0.59" (15 mm), LTR paper (20 lb bond (80 g/m ²))
Conveyor Capacity⁸²	Conveyor belt - 30 booklets (40 sheets of an LTR booklet (20 lb bond (80 g/m ²))
Power Source	120 to 127 V AC, 50/60 Hz, 4 A
Maximum Power Consumption	440 W
Dimensions (W x D x H)	21.1" x 30.4" x 41" (536 mm x 770 mm x 1,040 mm) (without conveyor and delivery trays)
Weight	Approximately 319 lb (145 kg) (without conveyor and delivery trays)

79 If the cover sheet is thinner than the other sheets in the booklet, the cover sheet may be scratched. It is recommended to use a thicker sheet for the cover sheet.

80 The maximum number of sheets that can be trimmed may differ, depending on the main machine.

81 The possible trim size may change, depending on the main machine.

82 The optional Two-Knife Booklet Trimmer Conveyor is required.

6.32 SDD Square Fold Booklet-Maker with Two-Knife Trimmer

Item	Specifications
Required Equipment	Booklet Trimmer-F1
Pass Through Width (No Trimming) (z)	Approximately 5 7/8" (150 mm) to 12 5/8" (320 mm)
Booklet Trimming	Input Width ⁸³ : Approximately 8.27" (210 mm) to 12.60" (320 mm) Output Width: Approximately 7.87" (200 mm) to 12.60" (320 mm) Input/Output Length: Approximately 4.71" (120 mm) to 9.60" (244 mm)
Acceptable Paper Weights	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Trimming Width	Each Side: 0.08" to 1.38" (2 mm to 35 mm) Together: 0.16" to 2.76" (4 mm to 70 mm)
Asymmetrical Trim (Offset Capability)	Approximately ±0.59" (15 mm)
Minimal Booklet Staple Clearance (from Top to Bottom)	Approximately 1.57" (40 mm)
Booklet Sheet Capacity	Up to 25 sheets (100 pages per booklet or 5 mm in height, whichever is less) (20 lb bond (80 g/m ²))
Maximum Productivity	Up to 1,800 booklets/hour (each booklet up to 100 pages) (20 lb bond (80 g/m ²))
Maximum Noise Level	Approximately 70 dB
Power Source	120 V AC, 60 Hz, 15 A
Maximum Power Consumption	Approximately 740 W
Dimensions (H x W x D)	Approximately 51.2" x 62.7" x 27.6" (1,300 mm x 1,592 mm x 700 mm) (with the conveyor tray fully extended)
Weight	Approximately 573 lb (260 kg)

83 If a booklet's input height is greater than 12.60" (320 mm), it must be trimmed to 12.60" (320 mm) or fewer inches (millimeters).

6.33 SDD Square Fold Booklet-Maker

Item	Specifications
Required Equipment	Booklet Trimmer-F1
Booklet Trimming	Input Width ⁸³ : Approximately 5.51.2" (140 mm) to 12.60" (320 mm) Output Width: Approximately 5.51.2" (140 mm) to 12.60" (320 mm) Input/Output Length: Approximately 4.88" (124 mm) to 9.60" (244 mm)
Acceptable Paper Weights	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Booklet Sheet Capacity	Up to 25 sheets (100 pages per booklet or 5 mm in height, whichever is less) (20 lb bond (80 g/m ²))
Maximum Productivity	Up to 1,800 booklets/hour (each booklet up to 40 pages) (20 lb bond (80 g/m ²))
Power Source	120 V AC, 60 Hz, 15 A
Maximum Power Consumption	Approximately 230 W
Dimensions (H x W x D)	44.9" x 43.3" x 23.6" (1,140 mm x 1,100 mm x 600 mm) (with the conveyor tray fully extended)
Weight	Approximately 154 lb (70 kg)

83 If a booklet's input height is greater than 12.60" (320 mm), it must be trimmed to 12.60" (320 mm) or fewer inches (millimeters).

6.34 SDD BLM300C Professional Booklet Maker

Item	Specifications
Required Equipment	High Capacity Stacker-H1 ⁸⁴ OR DFD Adapter and Finisher Bridge Unit-A1 Finisher Bridge Height Kit 1002-A1
Supported Paper size	LTRR, 11" x 17", 12" x 18", Custom Sizes: 5.5" x 9.76" (140 mm x 248 mm) to 12.6" x 18.5" (320 mm x 470 mm)
Supported Paper Weight	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Maximum Number of Sheets per Booklet	Up to 30 sheets (20 lb bond (80 g/m ²))
Maximum Staple Capacity	Up to 30 sheets (20 lb bond (80 g/m ²)), or up to 0.23" (6 mm) in height
Speed	LTRR: Up to 2,980 booklets/hour 11" x 17": Up to 2,610 booklets/hour
Noise Level	Approximately 70 dB
Power Source	120V, 15 A, NEMA 5-15P
Dimensions (H x W x D)	Operational: 45 1/4" x 35 7/8" x 27 1/2" (1,150 mm x 910 mm x 700 mm) On Pallet in Box: 51 1/4" x 47 1/4" x 31 1/2" (1,300 mm x 1,200 mm x 800 mm)
Weight	Operational: Approximately 363.8 lb (165 kg) On Pallet in Box: Approximately 474 lb (215 kg)
Temperature	Between 62.6°F (17°C) and 89.6°F (32°C)
Humidity	30% to 65% Relative Humidity

6.34.1 SDD Front Trimmer BLT6989 Specifications

Item	Specifications
Supported Paper size	LTRR, 11" x 17", 12" x 18", Custom Sizes: 5.5" x 9.76" (140 mm x 248 mm) to 12.6" x 18.5" (320 mm x 470 mm)
Supported Paper Weight	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Trim Amount	Supported: 0.08" to 0.63" (2 mm to 16 mm) Recommended: 0.16" to 0.47" (4 mm to 12 mm)
Maximum Trimmed Booklet Width	Approximately 8.66" (220 mm)
Speed	LTRR: Up to 1,965 booklets/hour 11" x 17": Up to 1,797 booklets/hour
Power Source	From the SDD BLM300C Professional Booklet Maker
Dimensions (H x W x D)	Operational: 43 3/8" x 14 1/4" x 23 5/8" (1,110 mm x 360 mm x 600 mm) On Pallet in Box: 23 3/8" x 47 1/4" x 31 1/2" (720 mm x 1,200 mm x 800 mm)
Weight	Operational: Approximately 187.4 lb (85 kg) On Pallet in Box: Approximately 264.6 lb (120 kg)

84 The DFD Interface Kit-A1 and DFD PATH-A1 (H=1002) are required when the High Capacity Stacker-H1 is attached.

6.34.2 SDD 2-Knife Trimmer STR6702 Specifications

Item		Specifications		
Required Equipment		SDD Front Trimmer BLT6989		
Booklet Size (Length) ⁸⁵		Before Trimming	Bypass	Trimmed
	Minimum	8.07" (205 mm)	5.9" (150 mm)	7.9" (200 mm)
	Maximum	13.4" (340 mm)	12.6" (320 mm)	12.6" (320 mm)
Booklet Width (X)		Approximately 2" to 9.6" (50 mm to 245 mm)		
Supported Paper Weight ⁸⁶		16 lb bond to 110 lb cover (60 to 300 g/m ²)		
Maximum Booklet Thickness		Trimming: Up to 0.2" (5 mm) Bypass: Up to 0.23" (6 mm)		
Trim Amount		Approximately 0.08" to 1.38" (2 mm to 35 mm) each side		
Asymmetrical Trim		Approximately ±0.59" (±15 mm)		
Booklet Staple Clearance from Top/Bottom (Minimal)		Approximately 1.57" (40 mm)		
Speed		LTRR: Up to 1,800 booklets/hour 11" x 17": Up to 1,800 booklets/hour		
Power Source ⁸⁷		From the SDD BLM300C Professional Booklet Maker		
Dimensions (H x W x D)		Operational: 43 3/8" x 23 5/8" x 27 1/2" (1,110 mm x 600 mm x 700 mm) On Pallet in Box: 61 7/8" x 47 1/4" x 31 1/2" (1,570 mm x 1,200 mm x 800 mm)		
Weight		Operational: Approximately 451.9 lb (205 kg) On Pallet in Box: Approximately 595.2 lb (270 kg)		

6.34.3 SDD Rotator RTM6940 Specifications

Item		Specifications		
Supported Paper size		Rotation Enabled: LTR, 9" x 12", Custom Short Edge: 8" to 9.05" (203 mm to 230 mm) Custom Long Edge: 8" to 12.6" (203 mm to 320 mm) Rotation Disabled (Bypass): 11" x 17" Custom Short Edge: 8" to 12.6" (203 mm to 320 mm), Custom Long Edge: 8" to 20" (203 mm to 508 mm)		
Supported Paper Weight		16 lb bond to 110 lb cover (60 to 300 g/m ²)		
Power Source ⁸⁷		120V, 15 A, NEMA 5-15P		
Dimensions (H x W x D)		Operational: 42 1/8" x 26 3/4" x 26 3/8" (1,070 mm x 680 mm x 670 mm) On Pallet in Box: 61 7/8" x 47 1/4" x 31 1/2" (1,570 mm x 1,200 mm x 800 mm)		
Weight		Operational: Approximately 286.6 lb (130 kg) On Pallet in Box: Approximately 440.9 lb (200 kg)		

⁸⁵ Booklet heights between 320 mm and 340 mm must be trimmed to 320 mm or less.

⁸⁶ On booklets of approximately 20 sheets or more, always use cover sheets that weigh 120 g/m² or heavier to prevent trimming deviations.

⁸⁷ Can only be connected to an approved electrical system, which is rated at a maximum of 16 A, and is protected by circuit breakers.

6.34.4 SDD Long Belt Stacker BST6800 Specifications

Item	Specifications
Booklet Length	Minimum: 7.87" (200 mm) Maximum: 13.7" (350 mm)
Supported Paper Weight	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Power Source	From the SDD BLM300C Professional Booklet Maker
Dimensions (H x W x D)	29.9" x 61.8" x 17.7" (760 mm x 1,570 mm x 450 mm)
Weight	Approximately 55 lb (25 kg)

6.34.5 SDD Short Belt Stacker BST6900 Specifications

Item	Specifications
Booklet Length	Minimum: 7.87" (200 mm) Maximum: 13.7" (350 mm)
Supported Paper Weight	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Power Source	From the SDD BLM300C Professional Booklet Maker
Dimensions (H x W x D)	29.9" x 32.3" x 17.7" (760 mm x 820 mm x 450 mm)
Weight	Approximately 44 lb (20 kg)

6.35 Plockmatic BLM50/BLM35 Professional Booklet Maker Specifications

Item	Specifications
Required Equipment	High Capacity Stacker-H1 ⁸⁸ OR DFD Adapter and Finisher Bridge Unit-A1
Supported Paper Size	12" x 18", 11" x 17", 9" x 12", LGL, LTR, LTRR, Custom Sizes: 8.1" x 10.8" (206 mm x 275 mm) to 12.6" x 18" (320 mm x 457.2 mm)
Supported Paper Weight	Uncoated: 16 lb bond to 110 lb cover (60 to 300 g/m ²) Coated: 28 lb bond to 110 lb cover (105 to 300 g/m ²)
Maximum Number of Sheets per Booklet	BLM50: Up to 50 sheets (20 lb bond (80 g/m ²)) BLM35: Up to 35 sheets (20 lb bond (80 g/m ²))
Maximum Staple Capacity	BLM50: Up to 50 sheets (20 lb bond (80 g/m ²)) BLM35: Up to 35 sheets (20 lb bond (80 g/m ²))
Speed	Maintains the engine's printing speed. The actual number of booklets produced per minute/hour, depends on the number of sheets per booklet.
Noise Level	Approximately 62 dB
Power Source	100-240V, 50 to 60 Hz, 15A, NEMA-15
Maximum Power Consumption	Approximately 250 W
Dimensions (W x D x H)	57.9" x 28.8" x 41.4" (1,470 mm x 730 mm x 1,050 mm)
Weight	Approximately 341.7 lb (155 kg)

6.35.1 Plockmatic Trimmer FTR50 Specifications

Item	Specifications
Supported Paper Size	12" x 18", 11" x 17", 9" x 12", LGL, LTR, LTRR, Custom Sizes: 8.1" x 10.8" (206 mm x 275 mm) to 12.6" x 18" (320 mm x 457.2 mm)
Supported Paper Weight	Uncoated: 16 lb bond to 110 lb cover (60 to 300 g/m ²) Coated: 28 lb bond to 110 lb cover (105 to 300 g/m ²)
Trim Amount	Default: 0.177" (4.5 mm) Minimum : 0.0394" (1 mm) Maximum: 1.0" (25 mm) ⁸⁹
Speed	Approximately 1,800 sets per hour
Power Source	From the Plockmatic BLM50/BLM35 Professional Booklet Maker
Dimensions (W x D x H)	14.2" x 28.8" ⁹⁰ x 41.4" (360 mm x 730 mm x 1,050 mm)
Weight	Approximately 150 lb (68 kg)

⁸⁸ The DFD Interface Kit-A1 and DFD PATH-B1 (H=860) are required when the High Capacity Stacker-H1 is attached.

⁸⁹ For jobs with a low sheet count, the maximum trimming width is approximately 5/8" (16 mm).

⁹⁰ Includes the cable protector. The cable protector adds approximately 3.5" (90 mm) to the depth of the machine.

6.35.2 Plockmatic Rotate Crease Trimmer RCT50 Specifications

Item	Specifications
Supported Paper Size	Cross Process Direction: Minimum: 8.1" to 10.9" (205 mm to 275 mm) Maximum: 9.1" to 12.7" (232 mm to 325 mm) Other sizes are passed through
Supported Paper Weight	Uncoated: 16 lb bond to 110 lb cover (60 to 300 g/m ²) Coated: 28 lb bond to 110 lb cover (105 to 300 g/m ²)
Power Source	100-240V, 50 to 60 Hz, 15A, NEMA-15
Dimensions (W x D x H)	28.0" x 33.8" x 42.5" (710 mm x 860 mm x 1,080 mm)
Weight	Approximately 441 lb (200 kg)

6.35.3 Plockmatic Cover Feeder CF50 Specifications

Item	Specifications
Supported Paper Size	12" x 18", 11" x 17", 9" x 12", LGL, LTR, LTRR, Custom Sizes: 8.1" x 10.8" (206 mm x 275 mm) to 12.6" x 18" (320 mm x 457.2 mm)
Supported Paper Weight	Uncoated: 16 lb bond to 90 lb cover (60 to 250 g/m ²) Coated: 28 lb bond to 90 lb cover (105 to 250 g/m ²)
Power Source	From the Plockmatic BLM50/BLM35 Professional Booklet Maker
Dimensions (W x D x H)	12.2" x 7.5" x 20.9" (310 mm x 190 mm x 530 mm)
Weight	Approximately 17.6 lb (8 kg)

6.35.4 Plockmatic Booklet Fold Module BF50 Specifications

Item	Specifications
Required Equipment	Plockmatic Trimmer FTR50
Supported Paper Size	12" x 18", 11" x 17", 9" x 12", LGL, LTR, LTRR, Custom Sizes: 8.1" x 10.8" (206 mm x 275 mm) to 12.6" x 18" (320 mm x 457.2 mm)
Supported Paper Weight	Uncoated: 16 lb bond to 110 lb cover (60 to 300 g/m ²) Coated: 28 lb bond to 110 lb cover (105 to 300 g/m ²)
Power Source	From the Plockmatic BLM50/BLM35 Professional Booklet Maker
Dimensions (W x D x H)	14.2" x 28.8" x 41.4" (360 mm x 730 mm x 1,050 mm)
Weight	Approximately 99 lb (45 kg)

6.35.5 SDD Long Belt Stacker BST6800 Specifications

Item	Specifications
Stack Capacity	Approximately 1,000 sheets (LTR) or 1,000 4-page booklets
Power Source	From the Plockmatic BLM50/BLM35 Professional Booklet Maker
Dimensions (W x D x H)	70.5" x 20.5" x Adjustable (1,791 mm x 521 mm x adjustable)
Weight	Approximately 155 lb (70 kg)

6.36 Plockmatic Multi-Purpose Stacker

The Plockmatic Multi-Purpose Stacker will be available later.

Item	Specification
Supported Devices	imagePRESS C910 imagePRESS C810
Required Equipment	High Capacity Stacker-H1 ⁸⁴ OR DFD Adapter and Finisher Bridge Unit Finisher Bridge Height Kit 1002-A1
Maximum Stack Height	For sheets less than 25.6" (600 mm), maximum stack height is approximately 11.8" (300 mm) For sheets longer than 25.6" (600 mm), maximum stack height is approximately 5.3" (135 mm)
Maximum Stack Weight	Approximately 88.2 lb (40 kg)
Supported Paper Size	8.5" x 11" (long edge), 9" x 12" (long edge), 11" x 17", 12" x 18", Custom Size (8.27" x 11" (210 mm x 280 mm) to 13" x 30" (330 mm x 762 mm))
Supported Paper Weight⁹¹	39 lb bond to 150 lb cover (148 g/m ² to 400 g/m ²)
Supported Paper Types	Plain, Coated, Recycled, and Pre-punched
Maximum Curl Level⁹²	0.2" (5 mm) flat curl, measured on a flat surface
Paper Size Change	Manual change of paper size
Side Registration Adjustment	Mechanical side guides, operator adjusted
Power source	100-240 V, 50-60 Hz, 2 A
Dimensions (H x W x D)	Approximately 41.8" x 35.4" x 26.8" (1,060 mm x 900 mm x 680 mm) Width expandable to approximately 55" (1,410 mm)
Weight	Lift Unit: Approximately 157 lb (71 kg) Docking Unit: Approximately 11 lb (5 kg)
Temperature Range	59 degrees F to 86 degrees F (15 degrees C to 30 degrees C)
Humidity Range	30% - 80% relative humidity

⁸⁴ The DFD Interface Kit-A1 and DFD PATH-A1 (H=1002) are required when the High Capacity Stacker-H1 is attached.

⁹¹ Media less than 39 lb bond (148 g/m²) may be stackable, but is highly sensitive to curl, environmental conditions, and line speed.

⁹² Stacking of thinner paper with curl, may cause the paper to jam or not stack properly.

6.37 MAX Ring Binder

Item	Specifications
Required Equipment	High Capacity Stacker-H1 ⁸⁸ OR DFD Adapter and Finisher Bridge Unit
Paper Size	LTR, Tab Paper (9" x 11")
Paper Weight	17 lb bond to 80 lb cover (64 to 216 g/m ²)
Paper Type	Plain, Heavy, Recycled, Color, Bond, Tab Paper, Coated, Transparencies, Postcard
Punch Patterns	LTR (21 holes)
Punch Hole Diameter	Approximately 1/4" (6.35 mm)
Binding Capability	Small: Up to 50 sheets with a maximum document thickness of 0.22" (5.5 mm) Large: Up to 100 sheets with a maximum document thickness of 0.43" (11 mm)
Stacking Capacity ⁹³	10 sheets: 25 books 50 sheets: 16 books 100 sheets: 11 books (max)
Cartridge Capacity	80 pieces maximum
Waste Tray Capacity	10,000 sheets (17 lb bond (64 g/m ²))
Modes	Binding Mode ⁹⁴ : Transferred papers are bound on the rear, long-edge of LTR paper. Punching Mode: Transferred papers are punched on the rear long-edge of the paper, and stacked in the stacking tray.
Power Source	120 to 127 V AC, 60 Hz, 2.8 A
Maximum Power Consumption	Approximately 400 W
Dimensions (H x W x D)	43.8" x 33.9" x 25.8" (1,113 mm x 860 mm x 655 mm)
Weight	Approximately 330 lb (150 kg)

⁸⁸ The DFD Interface Kit-A1 and DFD PATH-B1 (H=860) are required when the High Capacity Stacker-H1 is attached.

⁹³ Paper curl may affect the stacking capacity.

⁹⁴ Sheets must be fed from the long-edge, face down, and the header at the top. The trailing edge must be the binding edge.

6.38 GBC eWire Pro Wire Binding System Specifications

6.38.1 Binding Specifications

Item		Specification			
Required Equipment		Multi Function Professional Puncher-B1			
Speed		Up to 140 sheets-per-minute			
Paper Weight ⁹⁵	Plain	20 lb bond – 100 lb cover (75 g/m ² – 300 g/m ²)			
	Coated	32 lb bond – 110 lb cover (115 g/m ² – 300 g/m ²)			
	Tabbs	47 lb bond – 80 lb cover (176 g/m ² – 216 g/m ²)			
Book composition		2 covers (121 g/m ² – 300 g/m ²), body (75 g/m ² – 210 g/m ²)			
Sheet size		LTR (LEF (Long Edge Feed))			
Tabbed stock		LTR – 3, 5, 8, 10 tabs			
Die/punched hole type		eWire Round or eWire Square ⁹⁶			
Wire supply format		Continuous wire spool with paper carrier			
Book count (per spool)		1/4" wire	16,700 loops	522 books	
		5/16" wire	10,400 loops	325 books	
		3/8" wire	8,200 loops	256 books	
		7/16" wire	5,900 loops	184 books	
		1/2" wire	4,350 loops	136 books	
Bound book size (wire size, sheet capacity ^{97 98} , and max book thickness)		1/4" wire	16,700 loops	15 – 30 sheets	3 mm
		5/16" wire	10,400 loops	31 – 50 sheets	5 mm
		3/8" wire	8,200 loops	51 – 60 sheets	6 mm
		7/16" wire	5,900 loops	61 – 70 sheets	7 mm
		1/2" wire	4,350 loops	71 – 80 sheets	8 mm
Bound book drawer capacity (wire size and capacity) ⁹⁹		1/4" wire	35 books		
		5/16" wire	35 books		
		3/8" wire	35 books		
		7/16" wire	30 books		
		1/2" wire	25 books		
Warm-up time		Approximately 1.3 seconds			
Cycle up time (job start to first sheet at element)		Approximately 19 seconds			
Bind time (last sheet stacked to first book dropped)		Approximately 10 seconds			
Bind time (last sheet stacked to first sheet of next book)		Approximately 20 seconds			
Noise Level		Up to 78 dBA			
Power source		115 V, 60 Hz, 2.8A			
Power consumption		250 W or less during continuous operation			
Dimensions (H x W x D)		Approximately 42.5" x 35.9" x 31.7" (1,079 mm x 911 mm x 805 mm)			
Weight		Approximately 500 lb (226 kg)			

⁹⁵ Clear covers are not supported.

⁹⁶ Not supplied with the GBC eWire Pro Wire Binder.

⁹⁷ Sheet capacity based on 20 lb bond (75-80 g/m²) paper, less approximately 10 sheets (1 mm) to accommodate front and rear covers at a max of 110 lb cover (300 g/m²)

⁹⁸ Ten sheets of 75 – 80 g/m² paper is approximately 1 mm thick.

⁹⁹ Book drawer capacity may be slightly lower when binding books with front and rear covers that weigh less than 80 lb cover (216 g/m²). Some extra books may continue to be bound after the book drawer capacity has been reached, if sheets are already being bound by the print engine.

6.38.2 Bypass Specifications

Item	Specification
Paper Weight	16 lb bond – 130 lb cover (64 g/m ² – 350 g/m ²)
Clear Cover Weight	5 – 10 mil
Maximum Bypass Sheet Size	13" x 19.2" (330 mm x 488 mm)
Minimum Bypass Sheet Size	8" x 5.83" (203 mm x 148 mm) or 6.5" x 7.87" (165 mm x 200 mm)
Media Types ¹⁰⁰	Coated, Tab, Punched, and Clear Cover

¹⁰⁰ A cover in full black is not recommended.

6.39 DFD Adapter and Finisher Bridge Unit-A1 Specifications

The DFD Adapter and Finisher Bridge Unit-A1 are listed separately below; however, they are sold together as one unit.

The DFD Adapter and Finisher Bridge Unit-A1 can connect to the imagePRESS C910 and C810 only.



IMPORTANT

- When the DFD Adapter and Finisher Bridge-A1 is attached to the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO, the top tray (Tray A) is removed, and only the lower tray (Tray B) of the finisher is available to output sheets. Tray B supports paper sizes of 7.16" x 7.16" to 13" x 19.2" (182 mm x 182 mm to 330.2 mm x 487.7 mm). Envelopes and small-size paper, such as STMT, are not supported.
- The DFD Adapter and Finisher Bridge-A1 transports sheets to supported third party accessories. The paper size depends on the supported paper size of the connected third party accessory.

6.39.1 DFD Adapter-A1 Specifications

Item	Specification
Paper Weight	13 lb bond to 110 lb cover (50 to 300 g/m ²)
Connectivity	29.3" (745 mm) paper path height (input) 33.8" (860 mm) paper output path CAN connection
Power source	100-240V, 50-60 Hz, 2A
Dimensions (H x W x D)	Approximately 40.9" x 11.8" x 29.3" (1,040 mm x 300 mm x 745 mm)
Weight	Approximately 132 lb (60 kg)
Option	Finisher Bridge Height Kit 1002-A1 ¹⁰¹

6.39.2 Finisher Bridge-A1 Specifications

Item	Specification
Paper Weight	13 lb bond to 110 lb cover (50 to 300 g/m ²)
Requirements	DFD Adapter-A1 and Staple/Booklet Finisher-W1 PRO
Connectivity	Requires the upper tray from the Finisher-W1 PRO to be removed and replaced by the Finisher Bridge-A1.
Dimensions (H x W x D)	Approximately 5.9" x 23.6" x 29.3" (150 mm x 600 mm x 745 mm)
Weight	Approximately 66 lb (30 kg)

¹⁰¹ Required when the DFD Adapter and Finisher Bridge Unit-A1 is configured with the SDD BLM300C Professional Booklet Maker.

7. System Options and Software

The functionality of the imagePRESS C910/C810/C710 can be expanded by installing system-related optional accessories and software. This section describes the system-related optional accessories, software, and their functions.

7.1 Main Unit with Upright Control Panel and Canon Controller System Options

7.1.1 imagePRESS Printer Kit-F1

The imagePRESS Printer Kit-F1 supports PCL5c/6 emulation solutions and Adobe PostScript 3. The imagePRESS Printer Kit is also necessary to print PDF, JPEG, and TIFF files that are stored in memory media.



NOTE

- The imagePRESS Printer Kit-F1 is required to use the Job Hold function.
- The imagePRESS Printer Kit-F1 is standard equipment on the imagePRESS C710.

7.1.2 Media Librarian

The Media Librarian is a paper management application that is installed on the imagePRESS Server H350 and imagePRESS Server G250. The application enables the end-user to configure settings, register paper types, assign registered paper types to paper sources, and register favorite paper types on a GUI (Graphical User Interface). The Media Librarian is free of charge.

The Media Librarian can be installed on a separate, networked workstation (Windows 10, minimum .NET Framework 4.6, and 1280 x 768 display). Other new features include more media parameter-editing functions, ability to adjust the secondary transfer voltage, change the saddle stitch fold positions, and new authentication measures for some functions which require system administrator access.

7.1.3 Removable Hard Disk Drive Kit-AB2

The Removable Hard Disk Drive Kit-AB2 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.

7.1.4 Remote Fax Kit-A1

The Remote Fax Kit-A1 enables a user to send and receive fax documents to another machine that has a fax board installed. The machine that has the fax board installed does not need the Remote Fax Kit, and the two machines must be on the same network.



NOTE

- The Remote Fax Kit and the fax board cannot be installed together.
- To enable the functions of the Remote Fax Kit-A1, it must be activated by registering a license key.

7.1.5 3.5inch/1 TB HDD-M1

Attach the optional 3.5inch/1 TB HDD-M1 to the machine to enable HDD Mirroring. The optional HDD Data Encryption & Mirroring Kit-E3 must be attached.



NOTE

- The 3.5inch/1 TB HDD-M1 does not increase the overall storage capacity of the machine.
- If the machine has the standard 1 TB HDD, an additional optional 3.5inch/1 TB HDD-M1 is required to encrypt and back up the data using the HDD Data Encryption & Mirroring Kit-E3.

7.1.6 Universal Send PDF Security Feature Set-D1

The Universal Send PDF Security Feature Set-D1 enables the user to encrypt PDF files and set a password to send the files safely to a file server or e-mail address. It also enables the recipient of the PDF file to verify which device scanned it.

7.1.7 Universal Send PDF Advanced Feature Set-G1

The Universal Send PDF Advanced Feature Set-G1 enables the user to make Compact PDF, Trace & Smooth, Office Open XML, and Searchable PDF files.

7.1.8 Digital User Signature PDF Kit-C1

The Digital User Signature PDF Kit-C1 enables the user to add a digital user signature obtained from a certificate authority to a PDF file. This enables the recipient of a PDF file to verify which user signed it.



NOTE

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

7.1.9 HDD Data Encryption & Mirroring Kit-E3

The HDD Data Encryption & Mirroring Kit-E3 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-E3 (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 a user back up all of the data stored on the hard disk drive of the machine prior to installing the HDD Data Encryption & Mirroring Kit-E3.



NOTE

- The engine HDD and the HDD used for encryption and mirroring must be of the same storage capacity.
- If the machine has the standard 1 TB HDD, an additional optional 3.5inch/1 TB HDD-M1 is required to encrypt and back up the data using the HDD Data Encryption & Mirroring Kit-E3.
- If the standard 1 TB HDD was replaced with the optional 3.5inch/1 TB HDD-M1, an additional optional 3.5inch/1 TB HDD-M1 is required to encrypt and back up the data using the HDD Data Encryption & Mirroring Kit-E3.
- The encryption capability is Common Criteria Certified.

7.1.10 Data Erase Kit-C1

The Data Erase Kit-C1 enables the user to erase the data stored on the hard disk.

7.1.11 Encrypted Secure Print Software-D1

The Encrypted Secure Print Software-D1 enables the user to encrypt print data sent from a computer using the Secured Print function and decrypt it at the machine. This strengthens the security of print data by preventing the content of printed documents from being seen by other users, and preventing the unauthorized use of confidential information.



NOTE

To use the Encrypted Secure Print Software-D1, the optional imagePRESS Printer Kit-F1 must be installed.

7.1.12 USB Device Port-A3

The USB Device Port-A3 adds two USB ports to the machine so a user can use a 3rd party card reader or the optional Multimedia Reader/Writer-A3 for additional media support.

7.1.13 Multimedia Reader/Writer-A3

The Multimedia Reader/Writer-A3 enables a user 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-A3, the optional USB Device Port-A3 must be installed.

7.1.14 Web Access Software-H1

The Web Access Software-H1 enables the user to view Web pages from the touch panel display of the machine. If PDF files are registered on the Web page, the user can print them without using a computer. Moreover, if a Web page or special content is created, and then registered as a PDF file, the Web page or special content can be shared with other users.



NOTE

To print Web pages and PDF files using the Web Access Software-H1, the optional imagePRESS Printer Kit-F1 must be installed.

7.1.15 Access Management System Kit-B1

The Access Management System Kit-B1 enables the administrator to assign users and user groups access restrictions to entire or specific machine functions. The Access Management System works with the SSO (Single Sign-On) login service.

7.1.16 Other imagePRESS C910/C810/C710 Main Unit Accessory Options

- Voice Guidance Kit-F2
- Barcode Printing Kit-D1
- ADF Access Handle-A1

7.2 PRISMA Workflow Software

7.2.1 PRISMAdirect

PRISMAdirect streamlines the entire production process workflow. PRISMAdirect enables a customer to manage orders from anywhere and anytime, such as, inspect orders and job details, and then communicate this information to their customers.

7.2.2 PRISMAprepare

PRISMAprepare is for customers who require advanced impositioning features for complex documents, such as manuals with mixed media and tabs and mailings or books with color inserts. PRISMAprepare also provides customers with the following capabilities:

- Document preparation with full preview for production printing.
- Define settings per page for complex print jobs.
- Send print jobs to the printer.
- Send print jobs to PostScript printers on the network.

8. Safety Notification

If the High Capacity Stacker-H1 is attached to the machine and a user is operating it, please be aware of the safety notice instructions described below.

**Important Notification of High Capacity Stacker
(for Key Operator and Operator)**

Thank you for purchasing this Canon product. This notice contains important information for using the High Capacity Stacker (hereinafter referred to as "machine"). Please read the following information before operating this machine. After reading this notice, store it in a safe place for future reference.

■ **Important Safety Instructions**

This machine is for professional use. Before operating this machine, contact your local authorized Canon dealer for safety instructions and pay attention to the following instructions in order to use this machine safely.

- Install this machine in the location that keeps the machine away from users who are not given any instructions.
- Do not allow users who are not given any instructions to operate this machine.
- Operate this machine according to the instruction manuals. To avoid potential hazards, do not touch the parts of the machine that are not instructed in the manuals.
- If you intend to move the machine, even to a location on the same floor of your building, contact your local authorized Canon dealer beforehand. Do not attempt to move the machine yourself.

9. 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.

9.1 Installation Time

The time required to install the imagePRESS C910/C810/C710, 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 unpack and install the machine and optional accessories. The estimated installation times are based on a minimum of two (2) experienced technicians.

Description		Estimated Time
Main Unit		64 minutes
Upright Control Panel-G1		11 minutes
PRISMAsync Print Server		15 minutes
Operator Panel		15 minutes
Operator Attention Light		5 minutes
Duplex Color Image Reader Unit-M1		12 minutes
Printer Cover-H1		8 minutes
Stack Bypass-C1		8 minutes
Stack Bypass Alignment Tray-D1		5 minutes
Long Sheet Tray-B1	When Installed on the Finisher	4 minutes
	When Installed on the Copy Tray-R2	6 minutes
Long Sheet Tray-C1		1 minute
POD Deck Lite-C1		15 minutes
POD Deck Lite XL-A1		25 minutes
POD Deck Lite Attachment Kit-B1		9 minutes
Multi-Drawer Paper Deck-C1		20 minutes
Paper Deck Double Feeding Detection Kit-A1		12 minutes
Staple Finisher-W1 PRO		17 minutes
Booklet Finisher-W1 PRO		18 minutes
Staple Finisher-AC1 ²²		12 minutes
Booklet Finisher-AC1 ²²		13 minutes
2/3 Hole Puncher Unit-A1 ²³		8 minutes
Multi Function Professional Puncher-B1	When Connected to the Main Unit	12 minutes
	When Connected to the Document Insertion Unit	13 minutes
Puncher Unit-BS1 or Puncher Unit-BT1 ³⁵		13 minutes
High Capacity Stacker-H1		24 minutes
Document Insertion Unit-N1		15 minutes
Paper Folding Unit-J1		19 minutes

²³ Can only be attached to the optional Staple Finisher-AC1 or Booklet Finisher-AC1.

²² The Staple Finisher-AC1 and Booklet Finisher-AC1 are available as part of a set item for the imagePRESS C810 and C710, which includes the Staple Finisher-AC1 or Booklet Finisher-AC1 and Power Supply-V1. The imagePRESS C710 and C810 engines must be purchased separately.

³⁵ Installed inside the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO.

Installation Time Table Continued

Description		Estimated Time
Booklet Trimmer-F1		36 minutes
Two-Knife Booklet Trimmer-A1	When the Booklet Trimmer-F1 is already installed	19 minutes
	When the Booklet Trimmer-F1 is not installed	17 minutes
SDD Square Fold Booklet-Maker & Two-Knife Trimmer		2 hours
SDD Square Fold Booklet-Maker		2 hours
Perfect Binder-E1		45 minutes
Copy Card Reader-F1 and Copy Card Reader Attachment Kit-A2		13 minutes
Auto Gradation Sensor-A1		6 minutes
Removable HDD Kit-AB2		33 minutes
HDD Data Encryption & Mirroring Kit-E3		26 minutes
Voice Guidance Kit-F1		19 minutes
USB Device Port-A3		7 minutes
Multimedia Reader/Writer-A3		7 minutes
SDD BLM300C Professional Booklet Maker ¹⁰²		50 minutes
DFD Interface Kit (Installs inside High Capacity Stacker-H1)		60 minutes
SDD Rotator RTM6940		60 minutes
SDD Front Trimmer BLT6989		40 minutes
SDD 2-Knife Trimmer STR6702		40 minutes
SDD Long Belt Stacker BST6800 or Short Belt Stacker BST6900		15 minutes
Plockmatic BLM50/BLM35		1 hour 30 minutes
Trimmer FTR50		42 minutes
Cover Feeder CF50		45 minutes
Booklet Fold BF50		45 minutes
Rotate Crease Trimmer BCT50		2 hours
High Capacity Belt Stacker BST4000-1		1 hour
MAX Ring Binder		90 minutes
Pedestal-A1		15 minutes
Extension for Pedestal-A1		5 minutes
Plockmatic Multi-Purpose Stacker		30 minutes
DFD Adapter-A1		15 minutes
Finisher Bridge-A1		45 minutes

9.2 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.

¹⁰² Add 10 minutes to the installation time if the SDD Rotator RTM6940 is not in the configuration.

10. Consumables

Consumables are all products and materials that are consumed with regular use and cannot be reused. Such consumables include, but are not limited to, paper, chemicals, and toner. A number of factors go into the approximate life expectancy of a consumable item, including paper size and the amount of coverage per page.

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		15% to 60%
Optimal Performance Range	imagePRESS C910	40,000 to 167,000 ¹⁰³
	imagePRESS C810	30,000 to 147,000 ¹⁰³
	imagePRESS C710	5,000 to 125,000 ¹⁰³
Image Ratio	imagePRESS C910	8.5%
	imagePRESS C810	
	imagePRESS C710	

10.1 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, and fixing assembly components.

An estimated consumable parts life can be provided by a service technician to assist in the initial parts/supplies planning. A consumable part's life expectancy is directly related to usage factors, such as paper size, paper quality, environment, usage application, and machine maintenance. Therefore, consumable parts do not have a warranty, and Canon U.S.A., Inc. cannot guarantee a minimum life.

¹⁰³ Based on 20 lb, LTR size paper, and under the above optimal environmental conditions.

10.1.1 Estimated Life of Consumables

The table below states the estimated life expectancy yields based on LTR size paper. Using paper larger than LTR reduces the supply yield and parts life accordingly.



NOTE

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

Item	Part Number	Quantity	Estimated Life ¹⁰⁴ (Copies/Prints)	Remarks
imagePRESS Toner T01 Black	8066B001AA	1	56,000	8.5% image ratio
imagePRESS Toner T01 Cyan	8067B001AA	1	39,500	
imagePRESS Toner T01 Magenta	8068B001AA	1		
imagePRESS Toner T01 Yellow	B069B001AA	1		

11. Toner Bottle Yields

The black toner bottle holds approximately 3.7 lb (1,660 g) of toner, and yields approximately 56,000 impressions at 8.5% coverage on LTR size paper.

A color toner bottle holds approximately 2.3 lb (1,040 g) of toner, and yields approximately 39,500 impressions at 8.5% coverage on LTR size paper.

12. Waste Toner Yields

The imagePRESS C910/C810/C710 uses an interchangeable waste toner bottle, which collects the waste toner during the printing process.

A user should replace the waste toner bottle when approximately 90,000 LTR images (at an 8.5% image ratio) have been printed. When the Advanced Notice for Full Level Waste Toner appears, the user can print approximately 12,500 sheets of LTR paper at an 8.5% image ratio before the waste toner bottle must be replaced, and the machine stops.

When the waste toner hopper becomes completely full, the imagePRESS C910/C810/C710 stops. A user should replace the full waste toner bottle, and dispose of the toner waste only in a manner that is applicable to the law in the geographical area where the machine is located.

¹⁰⁴ The estimated life is based on LTR paper.

13. 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 Assembly	Reader Unit	400,000 scans (LTR: fixed reading) 2 million sheets (LTR: stream reading), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
	ADF	2 million sheets (LTR), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
Main Engine	C910	Approximately 10 million pages (LTR), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
	C810	Approximately 8,820,000 pages (LTR), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
	C710	Approximately 7.5 million pages (LTR), or 5 years, whichever is earlier (including when the machine is powered ON for a whole day)
PRISMAsync Print Server		Approximately 5 years

14. Optimum Monthly Product Performance

The table below describes the differences between the optimum PCV (Print Copy Volume) and maximum PCV. 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 the user's machine, see [“Environmental Factors and Requirements,”](#) on p. 45.

Monthly PCV Type	Description	Number of Prints/Copies		
		C910	C810	C710
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 stress is placed on components, and it allows time for the proper servicing and maintenance of the equipment.	40,000 to 167,000	30,000 to 147,000	5,000 to 125,000
Maximum PCV	This is the maximum number of pages the machine can produce within a one-month period. 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 to reduce a possible increase in servicing and maintenance issues.	500,000	400,000	350,000



IMPORTANT

If the machine consistently runs at or above the upper end of the optimum PCV, consider purchasing additional machines or higher volume machines.

15. Machine Reliability and Productivity

This chapter describes the reliability and productivity of the imagePRESS C910/C810/C710.



IMPORTANT

When the Productivity Mode is set to 'On', print speed increases; however, the print quality may be adversely affected.

15.1 Print Speed

The print speed of the imagePRESS C910/C810/C710 is best when a standard paper type is selected.

The table below describes the printing speeds one should expect when printing one- or two-sided documents on the indicated paper size, weight, and type.

imagePRESS C910 Print Speed Table (1 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck XL	Stack Bypass
			B&W/Color				B&W/Color
<ul style="list-style-type: none"> Thin Paper (52 to 79 g/m²) Plain Paper (80 to 105 g/m²) Heavy Paper (106 to 220 g/m²) Recycled (64 to 105 g/m²) Color (64 to 90 g/m²) Vellum (64 to 105 g/m²) Bond (64 to 105 g/m²) Tab¹⁰⁵ (151 to 220 g/m²) Pre-Punched (64 to 90 g/m²) Letterhead (151 to 180 g/m²) 	1-Sided	LTR/STMTR	90	90	90	90	77
		LTR-Tab	84	84	84	84	73
		LTRR	69	69	69	69	59
		LGL	46/49	46/49	46/49	46/49	46
		11" x 17"	45	45	45	45	38
		12" x 18"	42	42	42	42	36
		13" x 19"	40	40	40	40	34
		13" x 26"	—	—	—	23/26	— ¹⁰⁶
		13" x 30"	—	—	—	23	— ¹⁰⁶
	2-Sided	LTR/STMTR	45	45	45	45	38
		LTR-Tab	—	—	—	—	—
		LTRR	34	34	34	34	29
		LGL	23	23	23	23	23
		11" x 17"	22	22	22	22	19
		12" x 18"	21	21	21	21	18
		13" x 19"	20	20	20	20	17
		13" x 26"	—	—	—	7	— ¹⁰⁶
		13" x 30"	—	—	—	7	— ¹⁰⁶

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

imagePRESS C910 Print Speed Table Continued (2 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">• 1-Sided Coated and 1-Sided Coated Thin (85 to 128 g/m²)• 2-Sided Coated and 2-Sided Coated Thin (85 to 128 g/m²)• Matte Coated and Matte Coated Thin (85 to 128 g/m²)	1-Sided	LTR/STMTR	53	53	53	53	53
		LTR-Tab	—	—	—	—	—
		LTRR	41	41	41	41	41
		LGL	32	32	32	32	32
		11" x 17"	25	25	25	25	25
		12" x 18"	24	24	24	24	24
		13" x 19"	22	22	22	22	22
		13" x 26"	—	—	—	18	— ¹⁰⁶
	13" x 30"	—	—	—	17/18	— ¹⁰⁶	
	2-Sided	LTR/STMTR	32	32	32	32	32
		LTR-Tab	—	—	—	—	—
		LTRR	24	24	24	24	20
		LGL	16/17	16/17	16/17	16/17	16
		11" x 17"	15/16	15/16	15/16	15/16	13
		12" x 18"	15	15	15	15	13
		13" x 19"	13	13	13	13	— ¹⁰⁶
		13" x 26"	—	—	—	5/6	— ¹⁰⁶
	13" x 30"	—	—	—	5	5	
<ul style="list-style-type: none">• Heavy Paper 5 (221 to 256 g/m²)• 1-Sided Coated (129 to 180 g/m²)• 2-Sided Coated (129 to 180 g/m²)• Matte Coated (129 to 180 g/m²)• Textured (80 to 180 g/m²)• Labels¹⁰⁵• Postcard• 4 on 1 Postcard• Envelopes¹⁰⁵	1-Sided	LTR/STMTR	63	63	63	63	55
		LTR-Tab	—	—	—	—	—
		LTRR	49	49	49	49	41
		LGL	35	35	35	35	32
		11" x 17"	32	32	32	32	27
		12" x 18"	30	30	30	30	26
		13" x 19"	28	28	28	28	24
		13" x 26"	—	—	—	18	— ¹⁰⁶
	13" x 30"	—	—	—	17/18	— ¹⁰⁶	
	2-Sided	LTR/STMTR	31	31	31	31	27
		LTR-Tab	—	—	—	—	—
		LTRR	24	24	24	24	20
		LGL	16/17	16/17	16/17	16/17	16
		11" x 17"	15	15	15	15	13
		12" x 18"	15	15	15	15	13
		13" x 19"	14	14	14	14	12
		13" x 26"	—	—	—	5/6	— ¹⁰⁶
		13" x 30"	—	—	—	5	— ¹⁰⁶

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

imagePRESS C910 Print Speed Table Continued (3 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">• Heavy Paper 6/7/8¹⁰⁷ (257 to 350 g/m²)• 1-Sided Coated (181 to 350 g/m²)• 2-Sided Coated (181 to 350 g/m²)• Matte Coated (181 to 350 g/m²)• Textured 6 (181 to 220 g/m²)• Transparency	1-Sided	LTR/STMTR	45	20	45	45	38
		LTR-Tab	—	—	—	—	—
		LTRR	34	19	34	34	29
		LGL	23	18	23	23	22
		11" x 17"	22	17	22	22	19
		12" x 18"	21	16	21	21	18
		13" x 19"	20	15	20	20	17
	2-Sided	13" x 26"	—	—	—	12	— ¹⁰⁶
		13" x 30"	—	—	—	12	— ¹⁰⁶
		LTR/STMTR	22	18	22	22	19
		LTR-Tab	—	—	—	—	—
		LTRR	14	13	14	14	14
		LGL	11	12	11	11	11
		11" x 17"	10	9	10	10	9
		12" x 18"	10	10	10	10	9
		13" x 19"	10	9	10	10	8
		13" x 26"	—	—	—	4	— ¹⁰⁶
		13" x 30"	—	—	—	4	— ¹⁰⁶
Textured 7/8 (221 to 300 g/m ²)	1-Sided	LTR/STMTR	33	33	33	33	33
		LTR-Tab	—	—	—	—	—
		LTRR	25	25	25	25	25
		LGL	20	20	20	20	20
		11" x 17"	16	16	16	16	16
		12" x 18"	15	15	15	15	15
		13" x 19"	14	14	14	14	14
		13" x 26"	—	—	—	—	—
	2-Sided	13" x 30"	—	—	—	—	—
		LTR/STMTR	16	16	16	16	16
		LTR-Tab	—	—	—	—	—
		LTRR	12	12	12	12	12
		LGL	10	10	10	10	10
		11" x 17"	8	8	8	8	8
		12" x 18"	7	7	7	7	7
		13" x 19"	7	7	7	7	7
		13" x 26"	—	—	—	—	—
		13" x 30"	—	—	—	—	—

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

¹⁰⁷ Media that is over 129 lb cover (350 g/m²) may not achieve the indicated productivity.

imagePRESS C810 Print Speed Table (1 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">Thin Paper (52 to 79 g/m²)Plain Paper (80 to 105 g/m²)Heavy Paper (106 to 220 g/m²)Recycled (64 to 105 g/m²)Color (64 to 90 g/m²)Vellum (64 to 105 g/m²)Bond (64 to 105 g/m²)Tab¹⁰⁵ (151 to 220 g/m²)Pre-Punched (64 to 90 g/m²)Letterhead (151 to 180 g/m²)	1-Sided	LTR/STMTR	80	80	80	80	77
		LTR-Tab	80	80	80	80	73
		LTRR	66	66	66	66	59
		LGL	46/47	46/47	46/47	46/47	42
		11" x 17"	41	41	41	41	38
		12" x 18"	40	40	40	40	36
		13" x 19"	38	38	38	38	34
		13" x 26"	—	—	—	24/25	— ¹⁰⁶
	13" x 30"	—	—	—	22	— ¹⁰⁶	
	2-Sided	LTR/STMTR	41	41	41	41	38
		LTR-Tab	—	—	—	—	—
		LTRR	33	33	33	33	29
		LGL	23	23	23	23	21
		11" x 17"	20	20	20	20	19
		12" x 18"	20	20	20	20	18
		13" x 19"	19	19	19	19	17
		13" x 26"	—	—	—	7	— ¹⁰⁶
	13" x 30"	—	—	—	7	— ¹⁰⁶	
<ul style="list-style-type: none">1-Sided Coated and 1-Sided Coated Thin (85 to 128 g/m²)2-Sided Coated and 2-Sided Coated Thin (85 to 128 g/m²)Matte Coated and Matte Coated Thin (85 to 128 g/m²)	1-Sided	LTR/STMTR	53	53	53	53	53
		LTR-Tab	—	—	—	—	—
		LTRR	41	41	41	41	41
		LGL	31	31	31	31	31
		11" x 17"	25	25	25	25	25
		12" x 18"	24	24	24	24	24
		13" x 19"	22	22	22	22	22
		13" x 26"	—	—	—	17	— ¹⁰⁶
	13" x 30"	—	—	—	16	— ¹⁰⁶	
	2-Sided	LTR/STMTR	30	30	30	30	27
		LTR-Tab	—	—	—	—	—
		LTRR	23	23	23	23	20
		LGL	15	15	15	15	13
		11" x 17"	15	15	15	15	13
		12" x 18"	14	14	14	14	12
		13" x 19"	13	13	13	13	12
13" x 26"		—	—	—	5/6	— ¹⁰⁶	
13" x 30"	—	—	—	5	— ¹⁰⁶		

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

imagePRESS C810 Print Speed Table Continued (2 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">• Heavy Paper 5 (221 to 256 g/m²)• 1-Sided Coated (129 to 180 g/m²)• 2-Sided Coated (129 to 180 g/m²)• Matte Coated (129 to 180 g/m²)• Textured (80 to 180 g/m²)• Labels¹⁰⁵• Postcard• 4 on 1 Postcard• Envelopes¹⁰⁵	1-Sided	LTR/STMTR	61	61	61	61	55
		LTR-Tab	—	—	—	—	—
		LTRR	47	47	47	47	41
		LGL	32	32	32	32	31
		11" x 17"	30	30	30	30	26
		12" x 18"	29	29	29	29	26
		13" x 19"	29	29	29	29	26
		13" x 26"	—	—	—	17	— ¹⁰⁶
	13" x 30"	—	—	—	16	— ¹⁰⁶	
	2-Sided	LTR/STMTR	30	30	30	30	27
		LTR-Tab	—	—	—	—	—
		LTRR	23	23	23	23	20
		LGL	15	15	15	15	15
		11" x 17"	15	15	15	15	13
		12" x 18"	14	14	14	14	13
		13" x 19"	13	13	13	13	12
		13" x 26"	—	—	—	5/6	— ¹⁰⁶
	13" x 30"	—	—	—	5	— ¹⁰⁶	

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

imagePRESS C810 Print Speed Table Continued (3 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">• Heavy Paper 6/7/8¹⁰⁷ (257 to 350 g/m²)• 1-Sided Coated (181 to 350 g/m²)• 2-Sided Coated (181 to 350 g/m²)• Matte Coated (181 to 350 g/m²)• Textured 6 (181 to 220 g/m²)• Transparency¹⁰⁵	1-Sided	LTR/STMTR	42	20	42	42	38
		LTR-Tab	—	—	—	—	—
		LTRR	33	19	33	33	29
		LGL	21	18	21	21	21
		11" x 17"	21	17	21	21	18
		12" x 18"	20	15	20	20	18
		13" x 19"	19	15	19	19	17
		13" x 26"	—	—	—	11	— ¹⁰⁶
	2-Sided	13" x 30"	—	—	—	11	— ¹⁰⁶
		LTR/STMTR	21	18	21	21	19
		LTR-Tab	—	—	—	—	—
		LTRR	18	17	18	18	15
		LGL	10	11	10	10	10
		11" x 17"	10	10	10	10	9
		12" x 18"	10	9	10	10	9
		13" x 19"	9	9	9	9	8
		13" x 26"	—	—	—	4	— ¹⁰⁶
		13" x 30"	—	—	—	4	— ¹⁰⁶
Textured 7/8 (221 to 300 g/m ²)	1-Sided	LTR/STMTR	33	33	33	33	33
		LTR-Tab	—	—	—	—	—
		LTRR	25	25	25	25	25
		LGL	20	20	20	20	20
		11" x 17"	16	16	16	16	16
		12" x 18"	15	15	15	15	15
		13" x 19"	14	14	14	14	14
		13" x 26"	—	—	—	—	—
	2-Sided	13" x 30"	—	—	—	—	—
		LTR/STMTR	16	16	16	16	16
		LTR-Tab	—	—	—	—	—
		LTRR	12	12	12	12	12
		LGL	10	10	10	10	10
		11" x 17"	8	8	8	8	8
		12" x 18"	7	7	7	7	7
		13" x 19"	7	7	7	7	7
		13" x 26"	—	—	—	—	—
		13" x 30"	—	—	—	—	—

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

¹⁰⁷ Media that is over 129 lb cover (350 g/m²) may not achieve the indicated productivity.

imagePRESS C710 Print Speed Table (1 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">Thin Paper (52 to 79 g/m²)Plain Paper (80 to 105 g/m²)Heavy Paper (106 to 220 g/m²)Recycled (64 to 105 g/m²)Color (64 to 90 g/m²)Vellum (64 to 105 g/m²)Bond (64 to 105 g/m²)Tab¹⁰⁵ (151 to 220 g/m²)Pre-Punched (64 to 90 g/m²)Letterhead (151 to 180 g/m²)	1-Sided	LTR/STMTR	70	70	70	70	69
		LTR-Tab	70	70	70	70	65
		LTRR	60	60	60	60	54
		LGL	42	42	42	42	37
		11" x 17"	36	36	36	36	34
		12" x 18"	36	36	36	36	33
		13" x 19"	34	34	34	34	31
		13" x 26"	—	—	—	16/17	— ¹⁰⁶
	13" x 30"	—	—	—	15	— ¹⁰⁶	
	2-Sided	LTR/STMTR	36	36	36	36	34
		LTR-Tab	—	—	—	—	—
		LTRR	30	30	30	30	26
		LGL	20	20	20	20	18
		11" x 17"	18	18	18	18	17
		12" x 18"	18	18	18	18	16
		13" x 19"	17	17	17	17	15
		13" x 26"	—	—	—	7	— ¹⁰⁶
	13" x 30"	—	—	—	6	— ¹⁰⁶	
<ul style="list-style-type: none">1-Sided Coated and 1-Sided Coated Thin (85 to 128 g/m²)2-Sided Coated and 2-Sided Coated Thin (85 to 128 g/m²)Matte Coated and Matte Coated Thin (85 to 128 g/m²)	1-Sided	LTR/STMTR	46	46	46	46	46
		LTR-Tab	—	—	—	—	—
		LTRR	36	36	36	36	36
		LGL	28	28	28	28	28
		11" x 17"	22	22	22	22	22
		12" x 18"	20	20	20	20	20
		13" x 19"	19	19	19	19	19
		13" x 26"	—	—	—	16/17	— ¹⁰⁶
	13" x 30"	—	—	—	15	— ¹⁰⁶	
	2-Sided	LTR/STMTR	26	26	26	26	23
		LTR-Tab	—	—	—	—	—
		LTRR	20	20	20	20	18
		LGL	15	15	15	15	14
		11" x 17"	13	13	13	13	11
12" x 18"		12	12	12	12	11	
13" x 19"	11	11	11	11	10		
13" x 26"	—	—	—	5/4	— ¹⁰⁶		
13" x 30"	—	—	—	4	— ¹⁰⁶		

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

imagePRESS C710 Print Speed Table Continued (2 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">• Heavy Paper 5 (221 to 256 g/m²)• 1-Sided Coated (129 to 180 g/m²)• 2-Sided Coated (129 to 180 g/m²)• Matte Coated (129 to 180 g/m²)• Textured (80 to 180 g/m²)• Labels¹⁰⁵• Postcard• 4 on 1 Postcard• Envelopes¹⁰⁵	1-Sided	LTR/STMTR	53	53	53	53	47
		LTR-Tab	—	—	—	—	—
		LTRR	41	41	41	41	36
		LGL	32	32	32	32	28
		11" x 17"	26	26	26	26	23
		12" x 18"	25	25	25	25	22
		13" x 19"	23	23	23	23	21
		13" x 26"	—	—	—	16/17	— ¹⁰⁶
	13" x 30"	—	—	—	15	— ¹⁰⁶	
	2-Sided	LTR/STMTR	30	30	30	30	27
		LTR-Tab	—	—	—	—	—
		LTRR	23	23	23	23	20
		LGL	15	15	15	15	15
		11" x 17"	15	15	15	15	13
		12" x 18"	14	14	14	14	13
		13" x 19"	13	13	13	13	12
		13" x 26"	—	—	—	5/6	— ¹⁰⁶
	13" x 30"	—	—	—	5	— ¹⁰⁶	

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

imagePRESS C710 Print Speed Table Continued (3 of 3)

Paper Type	Mode	Size	Productivity (ppm)				
			Cassettes of Main Unit	Multi-Drawer Paper Deck	POD Deck Lite	POD Deck Lite XL	Stack Bypass
<ul style="list-style-type: none">• Heavy Paper 6/7/8¹⁰⁷ (257 to 350 g/m²)• 1-Sided Coated (181 to 350 g/m²)• 2-Sided Coated (181 to 350 g/m²)• Matte Coated (181 to 350 g/m²)• Textured 6 (181 to 220 g/m²)• Transparency¹⁰⁵	1-Sided	LTR/STMTR	36	20	36	36	36
		LTR-Tab	—	—	—	—	—
		LTRR	33	19	33	33	29
		LGL	21	18	21	21	18
		11" x 17"	18	17	18	18	18
		12" x 18"	18	15	18	18	18
		13" x 19"	18	15	18	18	17
	2-Sided	13" x 26"	—	—	—	11	— ¹⁰⁶
		13" x 30"	—	—	—	9	— ¹⁰⁶
		LTR/STMTR	18	18	18	18	18
		LTR-Tab	—	—	—	—	—
		LTRR	14	13	14	14	14
		LGL	10	10	10	10	9
		11" x 17"	9	9	9	9	9
		12" x 18"	9	9	9	9	9
		13" x 19"	9	9	9	9	8
		13" x 26"	—	—	—	4	— ¹⁰⁶
		13" x 30"	—	—	—	4	— ¹⁰⁶
Textured 7/8 (221 to 300 g/m ²)	1-Sided	LTR/STMTR	33	33	33	33	33
		LTR-Tab	—	—	—	—	—
		LTRR	25	25	25	25	25
		LGL	18	18	18	18	18
		11" x 17"	16	16	16	16	16
		12" x 18"	15	15	15	15	15
		13" x 19"	14	14	14	14	14
		13" x 26"	—	—	—	—	—
	2-Sided	13" x 30"	—	—	—	—	—
		LTR/STMTR	16	16	16	16	16
		LTR-Tab	—	—	—	—	—
		LTRR	12	12	12	12	12
		LGL	9	9	9	9	9
		11" x 17"	8	8	8	8	8
		12" x 18"	7	7	7	7	7
		13" x 19"	7	7	7	7	7
		13" x 26"	—	—	—	—	—
		13" x 30"	—	—	—	—	—

¹⁰⁵ Tab Paper, Transparencies, Labels, and Envelopes can only print in the 1-Sided mode.

¹⁰⁶ Long-sheet paper from the Stack Bypass can only be fed one sheet at a time.

¹⁰⁷ Media that is over 129 lb cover (350 g/m²) may not achieve the indicated productivity.


IMPORTANT

The copy/print speeds in the tables above may not be achieved if the user copies/prints in the conditions below:

- If the average toner coverage, of any color, is less than 2%.
- If 20 to 28 lb bond (80 to 105 g/m²) coated paper and greater than 67 lb cover (181 g/m²) paper are used at the same time.
- If 28 to 34 lb bond (106 to 127 g/m²) coated paper and greater than 140 lb index (257 g/m²) paper are used at the same time.
- If papers of differing lengths are fed together at the same time.
- If the main document is copied/printed as one-sided and the cover and sheet insertions are copied/printed as two-sided while bookbinding.
- If a saddle stitched booklet with one or two sheets is created.
- If tab paper and other paper types are used at the same time.
- If the feeding direction of the paper length is 18" (457.2 mm) or more, while creating a saddle stitched booklet.

15.2 Mixed Media Productivity

The imagePRESS C910/C810/C710 is capable of processing jobs that contain mixed media; however, the machine's productivity may be reduced if one or more of the following print conditions occur during a job run:

- Using different media
- Using single- and double-sided printing
- Inserting tab paper
- Inserting paper from the Document Insertion Unit-N1
- Using different image magnifications for both sides of a sheet
- An image that is printing is very large
- Saddle-folding only one sheet
- Stapling heavy paper
- A large print job is running and the finisher switches from the tray that is full to another tray.

15.3 Mixed Paper Weight Job Productivity

The imagePRESS C910/C810/C710 is capable of processing jobs that contain multiple media types. However, during the processing of jobs with mixed paper weights, the machine adjusts its fixing temperature, resulting in a printing delay.

15.4 Paper and Toner Replacement

The user can maintain productivity by removing, replacing, and refilling the paper and toner (only if the message to replace these items is displayed), while the machine is running.

The paper drawers can also be opened and refilled during operation. The drawer that is being used by the machine during production, however, must not be opened as it will cause a paper jam. Once the job completes, or the machine switches to another drawer, the empty drawer can be opened, allowing the user 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 (only if made available by a service technician) while a job is printing. The imagePRESS C910/C810/C710 has a large toner hopper, making it possible for the machine to run longer with no bottle. The user 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.

16. Media Usage/Compatibility

The imagePRESS C910/C810/C710 maintains reliable, predictable, and high-quality output. Consistency of the output is dependent on knowing and compensating for variables of a print job. The imagePRESS C910/C810/C710 incorporates many control systems which compensate for environmental and print process conditions. Another variable is the print media. Knowing the characteristics of the media facilitates optimal print output.

16.1 Canon Controller Media Characteristics by Media Library Parameters

The table below describes the standard media library parameters when the Canon Controller and UI are attached.

Characteristics	Parameters
Name	Enter the name of the paper.
Category	Select the category of the paper.
Basis Weight	Select the weight of the paper in g/m ² .
Size	Enter the size of the paper.
Finish	Select the finish of the paper (e.g., Uncoated or 1-Sided Coated).
Type	Select the type of paper (e.g., Normal, Tab Paper, or Pre-punched Paper).
Color	Specify the color of the paper.
2nd Side if 2-Sided Page	Select whether to print on the back side of the custom paper type.
Adjust Creep Correction	Specify the correction adjustment for each page in a booklet.
Curl Correction Level ¹⁰⁸	Specify how to correct the amount of curl ¹⁰⁹ .
Adjust Image Position ¹⁰⁸	Adjust the printed image position if it is misaligned or distorted. Specify the settings below.
Lead Edge Alignment	Specify how to adjust the front side and back side image alignment at the lead edge of the paper toward the feeding direction.
Left Edge Alignment	Specify how to adjust the front side and back side image alignment at the left edge of the paper toward the feeding direction.
Zoom	Specify how to adjust the front and back side zoom ratio of an image.
Skew Correction	Specify how to adjust the angle of the paper as it is fed.
Corr. Image Misalignment	Specify how to adjust the image shape by adjusting the left of the paper to the feeding direction.
Corr. Distort. (Trapezoid)	Specify how to adjust the image position by making the length of the right and left sides of the printing area equal when the image printed looks like a trapezoid.
Corr. Distort. (Parallelogram)	Specify how to adjust the image position by equalizing the length from the 'a' and 'g' marks to the lead edge of the paper when the image printed looks like a parallelogram.

¹⁰⁸ These settings are available when custom paper is registered, and they do not have to be enabled by a service technician.

¹⁰⁹ It is recommended to adjust the values in small increments, as increasing the value too much may cause paper jams.

The table below describes the media library parameters that must be enabled by a service technician when the Canon Controller and UI are attached.

Characteristics	Parameters
Adj. Ppr Separation Fan Level	Specify how to adjust the paper separation fan output from optional POD Deck Lite-C1 and Multi-Drawer Paper Deck-C1.
Adjust Paper Curve	Adjust the paper curve setting when the printed image looks like a trapezoid. Increase the paper curve value to correct a distorted image. Decrease the setting value to correct the paper from creasing, curving marks, or curled edges.
Adj. Paper Realignment Speed	Adjust the speed for adjusting the image position.
Correct Image for Scratching	Select 'On' ¹¹⁰ for this setting to improve image quality if paper, which has been stored in a low-temperature environment, is being used.
Adjust Lead/Tail Margins	Adjust the lead and tail end margins if the output paper is folded or bent at the corner, or if paper jams occur.
Toner Amount Reduct. Mode	Adjust the total amount of toner used for each paper type. Select 'On' for this setting to reduce the total amount of toner used, while retaining the CMYK values specified in the Color Balance mode.
Adj. Secondary Transfer Volt.	Adjust this setting to correct blurred images. ¹¹¹
Adjust Antistatic Bias	Adjust this setting if the image is blurred or a paper jam occurs in the transfer unit. Decrease the antistatic bias value to remove static electricity from the ITB (Intermediate Transfer Belt).
Adjust ITB Image Clearing	Specify how to adjust the toner residue on the ITB that may transfer to the paper.
Adjust Gloss/Fine Black ¹⁰⁹	Specify how to adjust the glossiness and fine black print on a custom paper type.
Change Fold/Stitch Position	Adjust the saddle fold/stitch position if the folds of the paper are not exactly in the middle of the booklet.
Adj. Saddle Stitch Fold Pos.	Adjust the position of the folds in a booklet, if the stitches appear in the center of a booklet, but the folds do not appear in the center.
Adjust Saddle Fold Position	Adjust the position of the saddle folds in the center of the paper.
Adjust Hole Punch Position	Depending on the paper type, adjust the position of the punch holes.
Corr. Tail End Toner Applic.	Adjust the amount of toner applied to the tail-end of the paper.
Adjust Fixing Speed	Adjust the fixing speed if long originals, envelopes, thin paper, or paper that has absorbed moisture is being used to improve paper curl and creasing.
Adjust Fixing Pressure	Adjust the fixing pressure if adjusting the fixing speed did not work.
Auto Adj. L/R Edge Alignment	Adjust to prevent the printed image from being misaligned vertically, as seen from the paper feeding direction.
Adj. Primary Transfer Voltage	Adjust to prevent blurred images that may occur if paper with a longer width is used after copying/printing a large amount of paper with a shorter width. For example, using 11" x 17" paper after LTRR paper.

¹⁰⁹ It is recommended to adjust the values in small increments, as increasing the value too much may cause paper jams.

¹¹⁰ If the Correct Image for Scratching mode is set to 'On', it may affect the print speed of the machine.

¹¹¹ Adjusting the Secondary Transfer Voltage setting may affect the 'Adjust ITB Image Clearing' and 'Corr. Tail End Toner Applic' settings. Readjust these settings, if necessary.

16.2 PRISMAsync Print Servers Media Characteristics by Media Catalog Parameters

During the installation of the PRISMAsync Print Server, the initial system settings and defaults are defined via the Web-based Settings Editor. The Settings Editor is needed to add new media to the media catalog, adjust the color management settings, and define color pre-sets.

The table below describes the standard media library characteristics and parameters when the PRISMAsync Print Server is attached.

Characteristic	Parameter
Name	Set the name of the media.
Type	Set the brand name of the paper.
Size	Select the size of the paper from the drop-down list, including custom size paper.
Width (0.1 mm)	Specify the width of the custom paper in millimeters or inches.
Length (0.1 mm)	Specify the length of the custom paper in millimeters or inches.
Tab sheet	Select the check box to use tab paper, and then enter the cycle length (how many tabs in one set).
Insert	Select the check box to use the paper as a sheet insertion, and then enter the cycle length (how many sheet insertions in a set).
Cycle length	Set the value 1 to N. Where "N" is the number of sheets in one cycle. Must specify the cycle length when specifying tab sheets or sheet insertions.
Punch count	Specify how many holes are in the pre-punched paper.
Weight (g/m ²)	Specify the weight of the paper in g/m ² or lb.
Color	Specify the color of the paper. This setting acts as an identifier to display the color of the paper on the operation panel.
RGB color	Specify the RGB color value (0-255) for identification purposes on the operation panel.
Media family	Specify the media family to which the custom paper belongs (e.g., Coated, Uncoated).
Surface type	Specify the type of paper (e.g., Vellum, Coated_1-sided, Embossed).
Shape	Specify the paper's shape (e.g., Normal, Envelope, or Letterhead).

16.3 Media Specific Adjustments for the PRISMAsync Print Servers

The media specific adjustments are for customers who are running operations from the PRISMAsync Print Server and want to precisely adjust the image quality and front-to-back registration per paper type that is registered in the machine.

The following settings can be manually adjusted by customers through the Settings Editor > Media > select a registered media type > Printer adjustment. However, if media adjustments must be made, it is recommended to first use the Image Location Wizard from the machine's operator panel.

The table below describes the Printer adjustment settings and each setting's description.

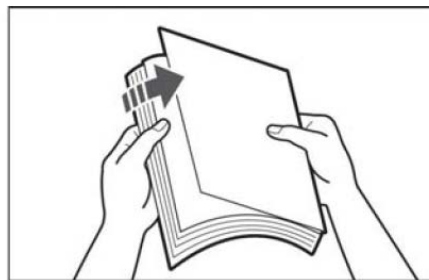
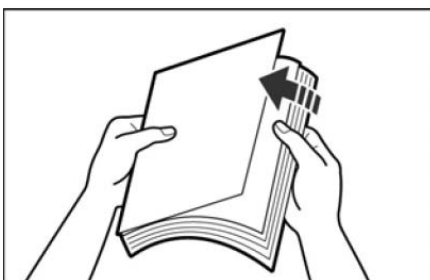
Setting	Description
General	
Punch hole position adjustment (mm or inch)	Make a fine adjustment to the punch hole position. Increase the value to move the punch holes down, and Decrease the value to move the punch holes up.
Saddle stitch position adjustment (mm or inch)	Move the stitch position toward the intended center of the booklet. Increase the value to shift the position to the right. Decrease the value to shift the position to the left.
Saddle fold position adjustment (mm or inch)	Adjust the position of the folds in a booklet, if the stitches appear in the center of a booklet, but the folds do not appear in the center.
Saddle stitch fold position adjustment (mm or inch)	Make a fine adjustment to the saddle stitch fold position.
Advanced	
Output face down Output face up	Make a fine adjustment to the paper curl level when the output is face down or face up in millimeters or inches.
Gloss and Fine black adjustment	Specify how to adjust the glossiness and fine black print on a custom paper type.
Automatic correction of alignment of left and right side edges	Adjust to prevent the printed image from being misaligned vertically, as seen from the paper feeding direction.
Fixing speed	Adjust the fixing speed if long originals, envelopes, thin paper, or paper that has absorbed moisture is being used to improve paper curl and creasing.
Fixing pressure	Adjust the fixing pressure if adjusting the fixing speed did not work.
Paper separation fan level	Adjust the amount of air to improve the media separation in the input trays. Decrease the value when the high-density areas are not printed evenly, or when paper curl is exceptionally high due to lack of moisture, media characteristics, and variable humidity. Increase the value when paper jams occur frequently, or in case of high-temperature and humidity conditions.
Antistatic bias	Adjust this setting if the image is blurred or a paper jam occurs in the transfer unit. Decrease the antistatic bias value to remove static electricity from the ITB.
Toner amount	Adjust the total amount of toner used for each paper type. Select the check box to reduce the total amount of toner used.
Image clear level adjustment	Specify when automatic cleaning is not sufficient to remove the toner residue from the transfer belt. Increase the value to improve the conditions. If this does not work, decrease the Secondary transfer voltage setting.

Setting	Description
Paper curve	Adjust the paper curve setting when the printed image looks like a trapezoid. Increase the paper curve value to correct a distorted image. Decrease the setting value to correct the paper from creasing, curving marks, or curled edges.
Paper realignment speed	Adjust the speed for adjusting the image position.
Paper reversal distance	Adjust the paper reversal distance.
Lead margin and Tail margin	Adjust the lead and tail end margins if the output paper is folded or bent at the corner, or if paper jams occur.
Correct image for scratching	Select the check box to improve image quality if paper, which has been stored in a low-temperature environment, is being used.
Registration: Front and Back	
X shift (mm or inch)	Make a fine adjustment to enable printing with the correct alignment of the image from the leading edge of the paper in the feed direction.
Y shift (mm or inch)	Make a fine adjustment to enable printing with the correct alignment of the image from the side edge of the paper perpendicular to the feed direction.
X elongation (0.01%)	Make a fine adjustment to the image size in the feed direction.
Y elongation (0.01%)	Make a fine adjustment to the image size perpendicular to the feed direction.
Bottom skew	Correct the alignment of the image.
Left-hand and Right-hand skew	Correct the alignment of the image.
Trapezoid height	Adjust the height of an image that looks like a trapezoid.
Trapezoid bottom and Trapezoid top	Adjust the bottom and top of an image that looks like a trapezoid.
Diamond shape length	Adjust the length of a diamond-shaped image.
Diamond shape bottom and Diamond shape top	Adjust the bottom and top of a diamond-shaped image.
Tail end white patch correction threshold	Make an adjustment to improve the white patch/fading at the tail end of the paper when printing 2-sided documents. Select negative values if fading in high-density areas appear. Select positive values if white areas appear.
Amount	Specify a value to improve image quality when printing in the 2-Sided mode and the media is curled.
Secondary transfer voltage ¹¹²	If blurred images occur, adjust the voltage that transfers toner to the paper. Decrease the value when (1) thin paper is used, (2) tiny white spots appear in low-density areas, (3) white spots appear in high-density areas, and (4) the used paper has a rough surface, such as embossed paper, and white spots appear on the concave side. Increase the value when (1) thick paper is used, (2) density is low in all areas of the paper, (3) uneven, glossy areas occur in high-density images, and (4) Outlines in high-density images blur.

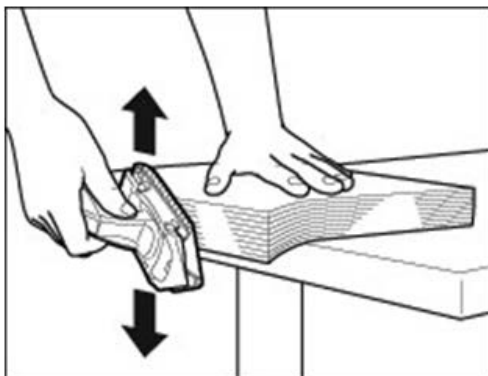
¹¹² It is recommended to adjust this setting in small steps, and then check the output after each adjustment.

16.4 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.



- When you cut paper, the cutting sides of the paper must be made smooth. Use an abrasive to make the four cutting sides smooth. Otherwise, streaks may appear on the image, paper feeding may be affected, part life may be reduced, or service calls may increase. Make sure to put the paper on a flat table to use the abrasive, and move the abrasive perpendicular to the paper approximately three times.

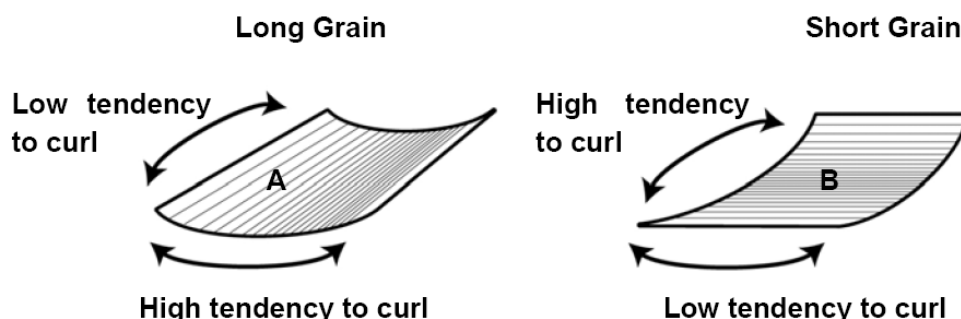


16.5 Paper Grain and Curl

Paper grain and curl can dramatically affect the reliability of machines that use an electrostatic process, like the imagePRESS C910/C810/C710. 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 that use 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 imagePRESS C910/C810/C710 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 multi-purpose tray or 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 thinner than 105 g/m², we recommend using paper with a grain perpendicular to the feeding direction of the paper.

16.6 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 when feeding paper from a location other than the multi-purpose tray. If paper is fed from the multi-purpose tray, place the paper with the factory mill cut sides facing to the left (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. 126.
- The best results for color consistency and front-to-back registration are obtained by using factory mill cut, digital compatible paper.

16.7 Media Feed Locations

The table below represents the available paper sizes and feed locations. The Stack Bypass-C1, POD Deck Lite-C1, POD Deck Lite XL-A1 Multi-Drawer Paper Deck-C1, and Document Insertion Unit-N1 are optional.

✓: Available – : Unavailable

Paper Size		Width x Length	Paper Source					
			Paper Drawers	Stack Bypass	POD Deck Lite	POD Deck Lite XL	Multi-Drawer Paper Deck	Doc. Insert. Unit
13" x 51.2"		13" x 51.2"	—	✓ ²	—	—	—	—
13" x 30"		13" x 30"	—	✓ ^{2, 113}		✓	—	—
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"	✓	✓	✓	✓	✓	✓
Custom Size		4" x 5 7/8" to 13" x 19 1/4"	✓ ¹¹⁴	✓ ¹¹⁵	✓ ¹¹⁴	✓ ^{114,116}	✓ ¹¹⁷	✓ ¹¹⁸
Envelope	ISO-C5	6 3/8" x 9" (162 mm x 229 mm)	✓	✓	✓	✓	—	—
	No. 10 COM10	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)	✓	✓	✓	✓	—	—
	Custom Size ¹¹⁹	6" x 9", 9" x 12" 10" x 13"	✓	✓ ¹¹⁵	✓	✓	—	—

² Long sheets, from 30" to 51.2", may require someone to manually input sheets into the engine and retrieve the printed sheets from the Finisher or High Capacity Stacker.

¹¹³ Requires the optional Long Sheet Tray-B1.

¹¹⁴ Custom paper sizes can only be fed from this paper source if they are between 4" x 5 7/8" to 13" x 19 1/4".

¹¹⁵ If the optional Staple Finisher-W1 PRO or Booklet Finisher-W1 PRO is attached, paper whose length or width is less than 7 1/8" can only be output from tray A of the finisher.

¹¹⁶ Custom paper sizes from 4" x 5 7/8" to 13" x 30" can be fed from this paper source.

¹¹⁷ 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".

¹¹⁸ Custom paper sizes can only be fed from this paper source if they are between 7 1/8" x 7 1/8" and 13" x 19 1/4".

¹¹⁹ Envelopes whose size is between 4" x 5 7/8" to 13" x 19 1/4" can also be fed; however, the image may not be printed correctly.

17. Responsibility Matrix

Action	Responsibility	
	Customer	Dealer
Ensure adequate space and power to properly install 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 either the imagePRESS Printer Kit-F1, imagePRESS Server G250, H350, or PRISMAsync Print Server.		
Ensure network configuration, and confirm that the device is attached to the network.		
Install client workstation network software.		
Load additional fonts (as required).		
Order and replace, as necessary, customer replaceable items (i.e., drums, 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 an Auto Gradation Adjustment once a day (only if the imagePRESS Printer Kit-F1, imagePRESS Server H350, or imagePRESS Server G250 is attached).		
Perform a Media family calibration for color consistency once a day (only if the PRISMAsync Print Server is attached).		

Primary customer applications for using this equipment:

Special considerations or performance limitations:

I have received a copy of this document.

Customer:

Sales Person:
