imagePRESS C10000VP/C8000VP

Customer Expectations Document

Version 19

Engineering Services and Solutions Division

Business Imaging Communications Group, Canon U.S.A., Inc.

Contents

IMPORTANT

The purpose of this Customer Expectations Document is to explain the current features and capabilities of the imagePRESS C10000VP/C8000VP, 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).

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1. Introduction

The Canon imagePRESS C10000VP/C8000VP Customer Expectations Document contains information about the features and capabilities of the Canon imagePRESS C10000VP/C8000VP. This document should be used as part of the presale and preinstallation planning processes to help clarify the requirements and responsibilities associated with supporting, owning, and operating the imagePRESS C10000VP/C8000VP. It is also recommended that those interested in purchasing the imagePRESS C10000VP/C8000VP have, and familiarize themselves with, the information in this document prior to making their purchase.

Version 19 updates requirements when using the Perfect Binder-E1 with the PRISMAsync print controller.

2. Product Overview

The Canon imagePRESS C10000VP/C8000VP brings the following capabilities to users in high- and mid-volume production environments, including commercial printers, quick printers, transaction printers, and CRD customers:

- Printing speeds of up to 100 ipm (images per minute, LTR) for the imagePRESS C10000VP and 80 ipm for the imagePRESS C8000VP. Copying speeds reach up to 100 ipm after the first copy set is output.
- Optional integrated 10.5” full-color touch screen operation panel for the total system.
- One media catalog for the total system.
- High-image quality on various media with a large image area, keeps the color consistent and durable.
- Prints up to 2,400 x 2,400 dpi (dots per inch)[1].
- Vacuum feed, active registration, dual fusing systems, and decurler technologies ensure reliable media handling from 16 lb bond to 130[2] lb cover (60 to 350 g/m^2).
- Digital light indicators on the paper trays (main unit and POD Decks) show paper levels, allowing the operator to refill prior to need and keep the press in constant operation.
- Optional PRISMAsync controller offers scheduling feedback software for production planning on the user interface for up to 8 hours.
- Integration with third-party accessories, such as the SDD BLM300C Professional Booklet Maker and the MAX Ring Binder.

1 The maximum RIP resolution for sheets longer than 19.2” (488 mm) is 600 x 600 dpi.
2 For a list of validated stocks between 130 lb Cover and 150 lb Cover (351 g/m^2 to 400 g/m^2), please consult the imagePRESS C10000VP Series Specialty Media Handling Guide, Version 4 or later.

2.1 Summary of Functions

Function		imagePRESS
Print Speed (LTR)		imagePRESS C10000VP: 100 ipm imagePRESS C8000VP: 80 ipm
Scan/Copy Speed with Optional DADF (LTR)	300 dpi	2-sided: Black-and-White: Up to 200 ipm Color: Up to 140 ipm 1-sided: Black-and-White: Up to 120 ipm Color: Up to 120 ipm
	600 dpi	2-sided: Black-and-White: Up to 120 ipm Color: Up to 70 ipm 1-sided: Black-and-White: Up to 120 ipm Color: Up to 70 ipm
DADF		Optional duplex automatic document feeder
DADF Capacity		300 sheets (20 lb bond (80 g/m²))
Engine Resolution		2,400 x 2,400 dpi[1]
Gradations		256 levels
Paper Size	Minimum	7 1/8” x 7 1/8”
	Maximum	13” x 19.2”
Paper Weight	Drawers	Uncoated: 16 lb bond to 130 lb cover (60 to 350 g/m²) Coated: 18 lb bond to 130[2] lb cover (70 to 350 g/m²)
Maximum Imageable Area		12.7” x 19” (323 mm x 482.7 mm)[3]
HDD Capacity		1 TB
Printer Memory		3.5 GB
Controller		PRISMAsync Color Controller EFI imagePRESS Server B5100/B4100
Security		E-Shredding license enabled on the PRISMAsync controller
Copy		Optional with the Color Image Reader-K1
Scan[4]		Scanning license enabled on the PRISMAsync controller.
Print		Standard
Network		Standard Ethernet 10/100/1000 Base-TX

1 The maximum RIP resolution for sheets longer than 19.2” (488 mm) is 600 x 600 dpi.

2 For a list of validated stocks between 130 lb Cover and 150 lb Cover (351 g/m² to 400 g/m²), please consult the imagePRESS C10000VP Series Specialty Media Handling Guide, Version 4 or later.

3 The maximum guaranteed print size is 12.6” x 19” (320.6 mm x 482.7 mm).

4 Requires the optional Duplex Color Image Reader-K1.

2.2 Offset Press vs. Digital imagePRESS

Offset printing is a technique that transfers (or “offsets”) an inked image from a plate to a rubber blanket, and then to the printing surface. This enables the offset press to maintain a consistent and high image quality over long print runs because the plate never touches the paper. The process requires a substantial investment in equipment and setup time to achieve these results.

A **digital press** uses an electrostatic process to produce “offset-like” image quality at a fraction of the cost of an offset press. In the imagePRESS C10000VP/C8000VP digital press, the drum is imaged; the toner is applied, and then transferred to the ITB (Intermediate Transfer Belt). The ITB then transfers all four toner colors to the paper in one single pass. The small toner particle size captures a greater color gamut space, closer to that of an offset press.

2.3 PRISMAsync Controller

The imagePRESS C10000VP/C8000VP can be powered by the PRISMAsync Color Print Controller.

The PRISMAsync controller seamlessly enables the customer to streamline their workflow and turnout more work in less time with the following features:

- Scheduler - Plan-ahead functionality for multiple jobs simultaneously. The scheduler only shows an estimated job completion time, not the actual time it may take to complete a job. The actual job completion time may vary, depending on mixed media jobs, mixplex jobs, selected Finishing settings, and color adjustments.
- A waiting and scheduled jobs queue and printed jobs archive.
- One queue and job management for printing and copying.
- Streaming (spooling, RIPing, printing, and cleaning up simultaneously).
- Multiple standard and customizable workflow profiles.
- Media-based operation with PRISMA media catalog.
- PRISMAsync controller settings are accessible via a Web browser.
- Professional high-speed and accurate color processing achieved with the Adobe ACE (Adobe Color Engine) color management module and dedicated GPU (Graphics Processor Unit).
- Calibration per media family and halftone.
- Spot color editing, including CMYK value definition for spot color tints.
- CMYK curve editing per media family and halftone.
- RGB editing – Adjust the brightness, contrast, and color to reach the quality of the scanned or printed image.
- USB printing and Scan to USB functionality. To use the Scan to USB function, the Scanning license must be activated, and the optional Color Image Reader-H1 must be attached to the machine.
- Unlimited color preset definitions for reuse.
- Workflow automation via SMB, LPR (Line Printer Request) queues, and PDF/PS hot folders, as well as driver templates.
- Standard E-Shredding and Scanning licenses. To use the Scanning function, the optional Duplex Image Reader-K1 must be attached to the machine.
- Standard X-Rite i1 Spectrophotometer.
- Perfect binding support with the optional Perfect Binder-E1 using PRISMAprepare and Advanced Imposition software.
- Remote Manager to view and control multiple PRISMAsync-driven devices.
- Forward jobs directly from one PRISMAsync engine to another PRISMAsync engine
- Support for Adobe APPE (V4.2) for Native PDF Printing
- Connect to a shared printer without the need to install it.

2.3.1 New PRISMAsync V6.1 Features

The upgraded PRISMAsync controller has the following new features:

- **Media family calibration based on normal halftone** – Allows for a single halftone calibration printout based on the normal halftone, instead of three separate halftone calibration printouts.

- **G7 Greyscale verification** – A new wizard in the User Interface provides G7 greyscale verification without the need for external tooling.

- **Media Family calibration improvements** – Provides feedback on differences between measured colors and reference colors, and indicates the required amount of calibration as a comparison for future print runs.

- **Detailed view of new output profiles** – Gives color-aware customers the capability to recognize accuracy of created output profiles based on various supplied charts and graphs.

- **Color validation** – Verifies whether or not the supplied media can provide the correct colors as compared to minimum standards.

- **Improved Security** – The PRISMAsync Remote Manager has several new security features to make it more secure, and a key operator can set a remote assistance timeout.

- **JDF/JMF Open Interface** – Connects to third part workflows (Agfa Apogee certified connection).

- **PRISMAlytics improvements** – Color and Black-and-White clicks are now delineated in the displays, trends and calibrations are available in detail, and jobs can start printing before the entire print job is RIPped.

- **64-bit Page Description Language** – PDF (along with PDF2PS and PS2PDF converters) are updated to 64-bit architecture.

- **Copy Automated Workflow** – Creates a new automated workflow based on an existing workflow.

- **Improved Job Handling** – Various updates to the User Interface allow for greater control and display of queued print jobs.

- **Smart Card login** – Login credentials can be supplied by a smart card (consult your service organization for the latest list of support cards and readers).

2.3.2 PRISMAsync Standard Software

This section describes the software bundle that is packaged with the PRISMAsync controller[5].

- Scheduler
- Remote Manager
- Multiple Queue
- Scan-to-File
- PostScript and PDF
- Streaming
- Accounting
- Trapping
- PPML
- E-Shredding
- PRISMAlytics Dashboard
- Advanced Color Management
- DocBox
- Page Programmer

2.3.3 PRISMAsync Optional Software

This section describes software packages that are separately licensed for the PRISMAsync controller.

- Integrity Checker
- DPLink
- PRISMAprepare
- PRISMAdirect
- PRISMAproduction

IMPORTANT

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.

NOTE

PRISMAprepare and Advanced Imposition are required to support the Perfect Binder-E1 with the PRISMAsync controller.

5 Remote Viewer is not available on the PRISMAsync Mark V for the imagePRESS C10000VP/C8000VP.

2.3.4 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. 44.

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 controller.

2.3.5 PRISMAsync Firmware Updates

It is recommended that a technician use a specific kind of USB stick to upgrade or restore the PRISMAsync controller 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. 44.

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 controller 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 controller, 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.

2.4 imagePRESS B4100 Controller

The imagePRESS C10000VP/C8000VP can be controlled by EFI's imagePRESS B4100 Controller.

IMPORTANT

The imagePRESS B4100 controller (or the imagePRESS B4000 controller with the software upgrade kit) requires print engine firmware update to 25.31 or higher.

2.4.1 New imagePRESS B4100 Features

The updated EFI controller for the imagePRESS C10000VP/C8000VP has the following new features:

- **Windows 10 IoT Enterprise (64 Bit) Support**
- **Support for the Booklet Trimmer F1**
- **Support for the BDT VX370+ Long Sheet Feeder**
- **Automated Calibration and Profiling** – The Inline Spectroscopic Sensors (ILS) can be used for color calibration and color profile creation. Instead of using an i1Pro Spectrophotometer to complete tasks, the imagePRESS will automatically measure and create custom output profiles.
- **Black Point Compensation** – Enables the operator to control the print quality in shadow areas by scaling input colors and optimally using the dynamic range of the printer's black reproduction capabilities.
- **Default Setting for Black Overprint** – To help ensure the highest quality of all elements is achieved, the default setting for Black Overprint is set to Text/Graphics. This setting will help ensure proper knock out parameters when printing thin lines and small text.
- **Expanded Tab Paper Margin** – The top, bottom and right side margins are set to a minimum of 2.5 mm (the left side margin remains 4.0 mm). The reduced margin provides end-users a larger print area for text on the tab bank.

- **Blank Page Insertion** – Compose or Job Master enables end-users to insert blank page(s) to a job without disrupting the imposition or the remaining pages. This method removes the need to submit jobs with blank pages.

- **Media Librarian** – (Optional) Configure settings for and register paper types, assign registered paper types to paper sources, and register favorite paper types using a simple GUI (Graphical User Interface).

  Version 2.0 allows Media Librarian to 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 secondary transfer voltage, change saddle stitch fold positions, and new authentication measures for some functions which require system administrator access.

2.4.2 imagePRESS B4100 Option/Utility Compatibility

Option/Utility	imagePRESS B4100 Server
Fiery Compose	Standard
Fiery Impose	Standard
Graphic Arts Package	Standard
Media Librarian	Optional
Graphic Arts Package, Premium Edition	Optional
Fiery Job Master	Optional
FACI Kit	Optional
Removable HDD	Optional

2.5 imagePRESS B5100 Controller

The imagePRESS C10000VP/C8000VP can also be controlled by EFI's imagePRESS B5100 Controller.

2.5.1 imagePRESS B5100 Features

The EFI controller for the imagePRESS C10000VP/C8000VP has the following features:

- All updated features as incorporated into the imagePRESS B4100 Print Controller.
- **Hyper RIP** – Process print job on four processor cores simultaneously, increasing processing speeds by up to 55%.
- **Faster VDP (Variable Data Printing)** – The additional speed of the imagePRESS B5100 allows maximum productivity for complex VDP jobs. The imagePRESS B5100 Server is up to 61% faster than the B4100.
- **Support for the BDT VX370+ Long Sheet Feeder**
- **Media Librarian** – (Optional) Configure settings for and register paper types, assign registered paper types to paper sources, and register favorite paper types using a simple GUI (Graphical User Interface).

  Version 2.0 allows Media Librarian to 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 secondary transfer voltage, change saddle stitch fold positions, and new authentication measures for some functions which require system administrator access.

2.4.2 imagePRESS B5100 Option/Utility Compatibility

Option/Utility	imagePRESS B5100 Server
Fiery Compose	Standard
Fiery Impose	Standard
Graphic Arts Package	Standard
Media Librarian	Optional
Graphic Arts Package, Premium Edition	Standard
Fiery Job Master	Optional
FACI Kit	Standard
Removable HDD	Optional

2.6 Notes on the Engine's Hard Disk

Always turn OFF the machine by activating the automatic shutdown sequence. For more information, see the *Canon imagePRESS C10000VP/C8000VP User Manual*. Never turn OFF the system with the main power switch. Turning the machine OFF via the main power switch may negatively impact the performance and life of the engine's hard drive, and destroy any data being processed at the time of shut down.

IMPORTANT

Make sure to replace the hard disk with Canon Genuine Service Parts (not store bought) at the same time. Canon U.S.A., Inc. does not guarantee operation if non Canon Genuine Service Parts are used.

2.7 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, etc.).

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

- Tighter control of the temperature and humidity will result in tighter color consistency in the device.
- The device must be properly maintained, which includes performing preventative maintenance as scheduled.
- 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.
- The customer can also maintain proper color calibration on the device by performing a Shading Correction and Auto 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 Auto Gradation Adjustment daily. The media for optimal color control should be 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 PRISMAsync controller.

Best Practices: While working, Color Management must be implemented with consistency. This, along with a stable environment and a well-maintained system, will make the customer's ability to achieve color reproducibility more efficient. Discipline and consistency are the keys.

2.8 Professional Input/Output Accessories

The imagePRESS C10000VP/C8000VP features many input and output accessories that allow customers working in office environments to complete large jobs directly from the machine. For more information on the input and output accessories that can be attached to the machine, see "Specifications," on p. 39.

Input Accessories

- POD Deck-D1 (x2)
- POD Deck Lite-C1
- Duplex Color Image Reader-K1
- Long Sheet Tray-A1
- BDT VX 370+ Long Sheet Feeder

Finishing (Output) Accessories

- Booklet Trimmer-D1
- Booklet Trimmer-F1
- Two-Knife Booklet Trimmer-A1
- Multi Function Professional Puncher-A1
- High Capacity Stacker-H1 (x2) (HCS Long Sheet Tray-A1 optional)
- Finisher-AN1/Saddle Finisher-AN2 with Inner Puncher (Long Sheet Tray-C1 optional, if equipped with BDT VX 370+ Long Sheet Feeder)
- Insertion Unit-N1
- Paper Folding Unit-J1
- Perfect Binder-E1
- SDD Square Fold Booklet Maker
- SDD Square Fold Booklet Maker with Two-Knife Trimmer
- SDD BLM300C Professional Booklet Maker (Requires the High Capacity Stacker-H1)
- MAX Ring Binder (Requires the High Capacity Stacker-H1)
- Plockmatic BLM 50/35 Professional Booklet Maker (Requires the High Capacity Stacker-H1)
- Plockmatic Multi-Purpose Stacker (requires the High Capacity Stacker-H1, HCS Long Sheet Tray-A1, DFD PATH-B1 (H=860), and DFD Interface Kit-A1)

IMPORTANT

- The Booklet Trimmer-D1 and Booklet Trimmer-F1 cannot be installed together.
- Only the Saddle Finisher-AN2 or Finisher-AN1 can be installed. They cannot be installed together.
- The Finisher-AN1 and Saddle Finisher-AN2 can be equipped with the Long Sheet Tray-C1 to hold output, if also equipped with the BDT VX 370+ Long Sheet Feeder.
- The Booklet Trimmer-D1/F1 and Two-Knife Booklet Trimmer-A1 require the Saddle Finisher-AN2.
- The Booklet Trimmer-F1 with the imagePRESS server requires a server software upgrade kit.
- The Paper Folding Unit-J1 requires the Finisher-AN1 or the Saddle Finisher-AN2.
- Only the SDD Square Fold Booklet Maker or SDD Square Fold Booklet Maker with Two-Knife Trimmer can be installed. They cannot be installed together.
- The SDD Square Fold Booklet Maker and SDD Square Fold Booklet Maker with Two-Knife Trimmer require the Booklet Trimmer-D1/F1.
- If the SDD Square Fold Booklet Maker or SDD Square Fold Booklet Maker with Two-Knife Trimmer is connected to the Booklet Trimmer-F1, the Booklet Trimmer-F1 firmware must be updated to the latest version.
- The MAX Ring Binder requires the High Capacity Stacker-H1, and the Ring Binder must be the final in-line accessory attached to the machine when paired with the PRISMAsync controller (prior to PRISMAsync 5.2). Finishing devices after the Ring Binder are supported by the imagePRESS controllers.
- The SDD BLM300C Professional Booklet Maker requires the High Capacity Stacker-H1, has several options that enhance the booklet maker's finishing system, such as a 2-knife trimmer and square fold device, and the BLM300C finishing system must be the final in-line accessory attached to the machine.
- The Plockmatic BLM 50/35 Professional Booklet Maker requires the High Capacity Stacker-H1.
- The MAX Ring Binder and SDD BLM300C cannot be installed together.
- The Long Sheet Tray-A1 cannot be used with any POD Deck-D1.
- The BDT Long Sheet Feeder and a second POD Deck-D1 cannot be installed together.
- The Plockmatic BLM 50/35 Professional Booklet Maker and MAX Ring Binder cannot be installed together.
- 150 lb cover (400 g/m^2) paper can only be fed using the main unit paper decks and the POD Deck-D1, and can only be output to the High Capacity Stacker-H1 or the top tray of the Finisher-AN1/Saddle Finisher-AN2. Pass through is supported on all other Canon-branded accessories.
- Staple, saddle stitch, and other finishing functions are not available for 150 lb cover (400 g/m^2) paper with the Finisher-AN1/Saddle Finisher-AN2. Only output to the top tray is supported.
- The Plockmatic Multi-Purpose Stacker requires the High Capacity Stacker-H1, HCS Long Sheet Tray-A1, DFD PATH-B1 (H=860), and DFD Interface Kit-A1.
- PRISMAprepare and Advanced Imposition are required to support the Perfect Binder-E1 with the PRISMAsync controller.

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[6] w/o Operation Panel	101.8”	2,586 mm	45.4”	1,152 mm	57.4”	1,456 mm
Main Unit w/Operation Panel & Attention Light	101.8”	2,586 mm	45.4”	1,152 mm	68.9”	1,750 mm
PRISMAsync Controller	7.9”	200 mm	16.9”	430 mm	16.5”	420 mm
imagePRESS B5100/B4100 Controller	8.5”	215 mm	19”	483 mm	19.1	485 mm
Duplex Color Image Reader Unit-K1	24.9”	633 mm	23.2”	588 mm	7.05”	179 mm
POD Deck Lite-C1	25.8”	656 mm	27”	686 mm	22.4”	570 mm
POD Deck-D1	38.7”	982 mm	31.2”	792 mm	43.1”	1,095 mm
Long Sheet Tray-A1	26.2”	666 mm	24.5”	621 mm	18.8”	479 mm
BDT VX 370+ Long Sheet Feeder	51.2”	1,300 mm	38.6”	980 mm	38.4”	975 mm
Registration Unit	42.7”	1,085 mm	23.6”	600 mm	33.1”	840 mm
Multi Function Professional Puncher-A1	17.5”	445 mm	31.2”	792 mm	40.9”	1,040 mm
Perfect Binder-E1	36.3”	922 mm	31.1”	791 mm	53.5”	1360 mm
Finisher-AN1	31.2”	792 mm	48.8”	1,239 mm	31.5”	800 mm
Saddle Finisher-AN2	31.2”	792 mm	48.8”	1,239 mm	31.5”	800 mm
High Capacity Stacker-H1	35.4”	899 mm	29.3”	745 mm	40.9”	1,040 mm
Booklet Trimmer-D1	62”	1,575 mm	30.3”	770 mm	40.9”	1,040 mm
Booklet Trimmer-F1	82.5”	2,095 mm	30.7”	779 mm	40.9”	1,040 mm
Two-Knife Booklet Trimmer-A1	21.1”	536 mm	30.3”	770 mm	40.9”	1,040 mm
Document Insertion Unit-N1	13.2”	336 mm	31.2”	793 mm	55.4”	1,407 mm
Paper Folding Unit-J1	13.2”	336 mm	31.2”	793 mm	46.9”	1,190 mm
SDD Square Fold Booklet Maker	43.3”	1,100 mm	14.2”	360 mm	45”	1,140 mm
SDD Square Fold Booklet Maker with Two-Knife Trimmer	62.6”	1,592 mm	27.6”	700 mm	51”	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 Square Fold SFM6904	14.2”	360 mm	23.6”	600 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
MAX Ring Binder	33.9”	860 mm	25.8”	655 mm	43.8”	1,113 mm

6 The Marking Engine, Fixing Station, and Power Supply Unit all make up what is hereinafter referred to as the “Main Unit.”

Dimensions (cont'd)

Unit	Width		Depth		Height	
Plockmatic BLM 50/35 [7,8]	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	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	
Plockmatic Multi-Purpose Stacker	35.4[9]:	900 mm[9]	26.8"	680 mm	41.8"	1,060 mm

7 Includes the optional Belt Stacker and Cable Protector.

8 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.

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

3.2 Weight

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

Unit	Weight	
Main Unit	2,645 lb	1,200 kg
Operation Panel	9.3 lb	4.2 kg
PRISMAsync Controller	35 lb	16 kg
imagePRESS B5100/B4100 Controller	43.4 lb	19.7 kg
Duplex Color Image Reader Unit-K1	59.3 lb	26.9 kg
POD Deck Lite-C1	168 lb	76 kg
POD Deck-D1	551 lb	250 kg
POD Deck-D1 + Secondary POD Deck-D1	1,058 lb	480 kg
Long Sheet Tray-A1	33 lb	15 kg
Tab Feeding Attachment-E1	0.2 lb	0.1 kg
BDT VX 370+ Long Sheet Feeder	881.9 lb	400 kg
Registration Unit	264.5 lb	120 kg
Multi Function Professional Puncher-A1	225 lb	102 kg
Perfect Binder-E1	679 lb	308 kg
Finisher-AN1	291 lb	132 kg
Saddle Finisher-AN2	406 lb	184 kg
Puncher Unit-BT1[10]	6.6 lb	3 kg
Puncher Unit-BS1[10]	6.6 lb	3 kg
High Capacity Stacker-H1	265 lb	120 kg
Booklet Trimmer-D1	335 lb	152 kg
Booklet Trimmer-F1	392 lb	178 kg
Two-Knife Booklet Trimmer-A1	320 lb	145 kg
Document Insertion Unit-N1[11]	135 lb	61 kg
Paper Folding Unit-J1	157 lb	71 kg
SDD Square Fold Booklet Maker	157 lb	71 kg
SDD Square Fold Booklet Maker with Two-Knife Trimmer	573 lb	260 kg
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 Square Fold SFM6904	143.3 lb	65 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
MAX Ring Binder	330 lb	150 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	117 lb	53 kg
Rotate Crease Trimmer BCT50	463 lb	210 kg
Belt Stacker BST4000-1	154 lb	70 kg
Plockmatic MPS Lift Unit	157 lb	71 kg
Plockmatic MPS Docking Unit	11 lb	5 kg

10 Installed inside the optional Finisher-AN1 or Saddle Finisher-AN2.
11 Includes the Inserter Option Controller Kit-A1.

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 is large enough for the proper servicing and maintenance of the equipment, and ensure that issues, such as ventilation, odors, and dust accumulation are not a concern.

IMPORTANT

- Keep the back of the machine, with all of its doors and access panels open, at least 31.5” (800 mm) away from a wall.
- Keep the front and sides of the machine, with all of its doors and access panels open, at least 19.7” (500 mm) away from a wall.
- The floor must be level (with no bows) for the stabilization and support of the machine.
- The minimum doorway opening that the machine passes through prior to installation must be at least 36” wide.
- The minimum elevator depth used to transport the machine prior to installation must be at least 56”.
- At least 44 3/4” (1,135 mm) in width is necessary to negotiate turns prior to installation.
- The machine should not be moved once it is in place.

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

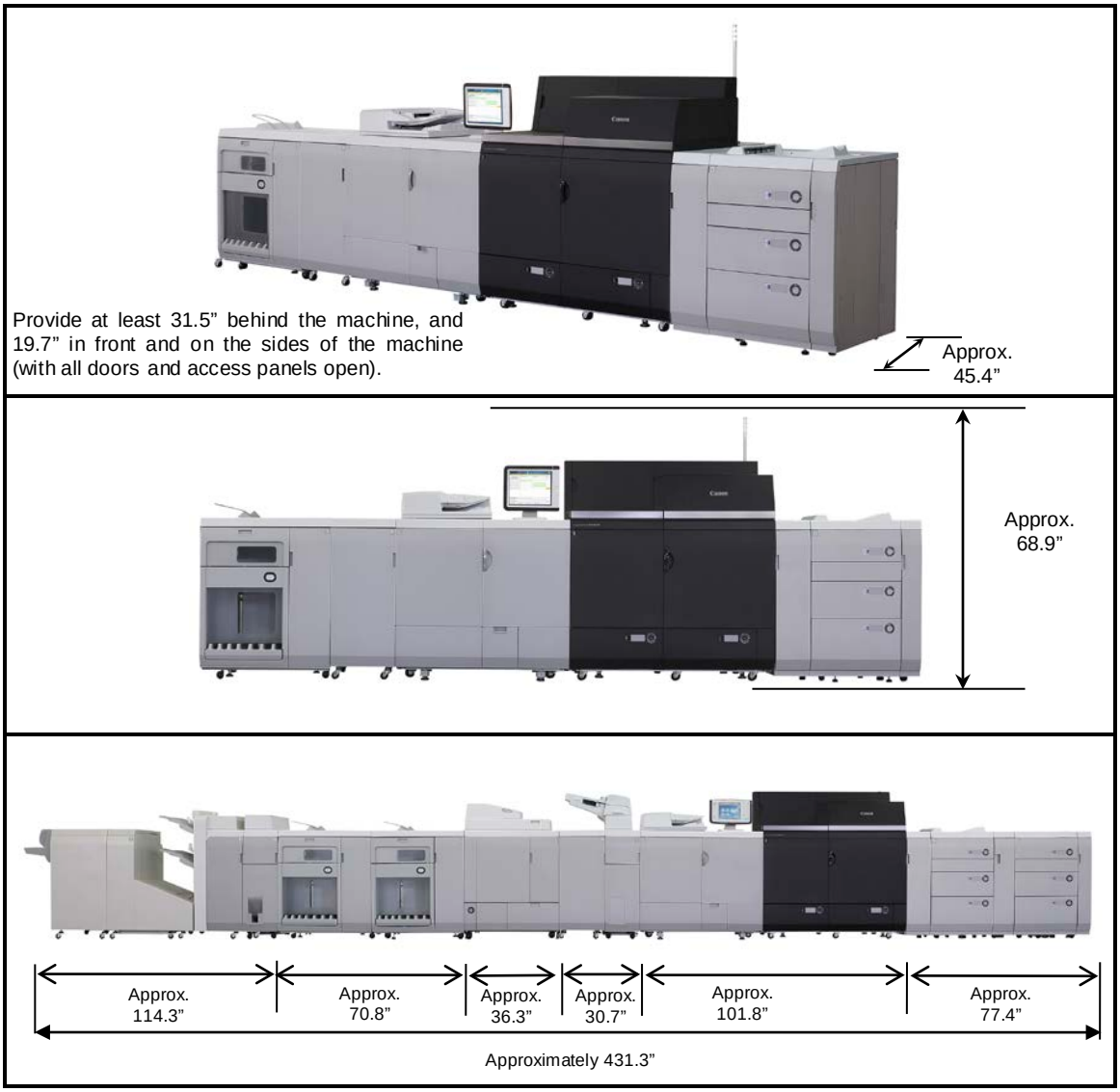
The following table represents the minimum width that is necessary to turn hallway corners and transport the machine and accessories to their final installation site.

Equipment	Dimensions When Transporting (Width x Depth)	Minimum Corridor Width Required
Marking Engine	56 3/8” x 43 1/2” (1,432 mm x 1,105 mm)	90 7/8” (2,309 mm)
POD Deck D1	38 5/8” x 31 1/4” (982 mm x 792 mm)	69 3/8” (1,762 mm)
Multi Function Professional Puncher-A1	31 3/8” x 17 1/2” (795 mm x 445 mm)	55 5/8” (1,411 mm)
Finisher-AN1	31 1/2” x 31 x 1/4” (800 mm x 792 mm)	64” (1,626 mm)
Saddle Finisher-AN2		
High-Capacity Stacker-H1	35 3/8” x 29 3/8” (899 mm x 745 mm)	65 5/8” (1,668 mm)
Booklet Trimmer-D1	62” x 30 3/8” (1,575 mm x 770 mm)	88 3/4" (2,254 mm)
Two-Knife Booklet Trimmer-A1	21 1/8” x 30 3/8” (536 mm x 770 mm)	56 5/8” (1,439 mm)
Booklet Trimmer-F1	53 1/2" x 31 1/8” (1,360 mm x 790 mm)	79 5/8” (2,023 mm)

NOTE

The Marking Engine, Fixing Station, and Power Supply Unit are transported separately.

3.3.2 Dimensions Diagrams

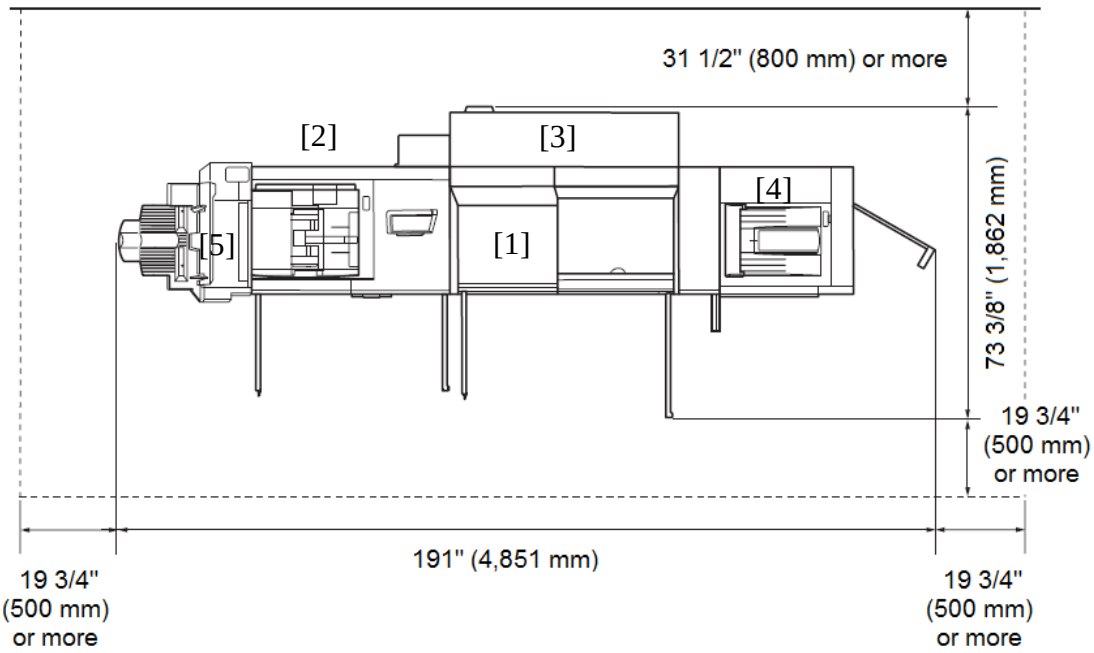


3.3.3 Installation Space Diagrams

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

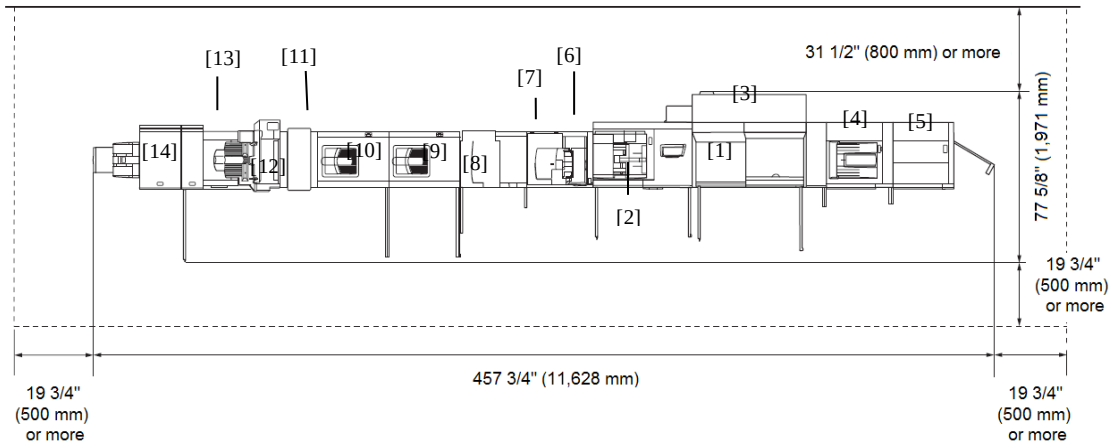
There must be enough space around the machine. The following diagrams show the minimum dimensions; whenever possible, make sure there will be more space than indicated.

The optional Duplex Reader-K1, POD Deck-D1, and Finisher-AN1 are attached.



[1] Marking Engine	[4] POD Deck-D1
[2] Duplex Reader-K1	[5] Finisher-AN1
[3] Power Supply Unit	

Large Configuration

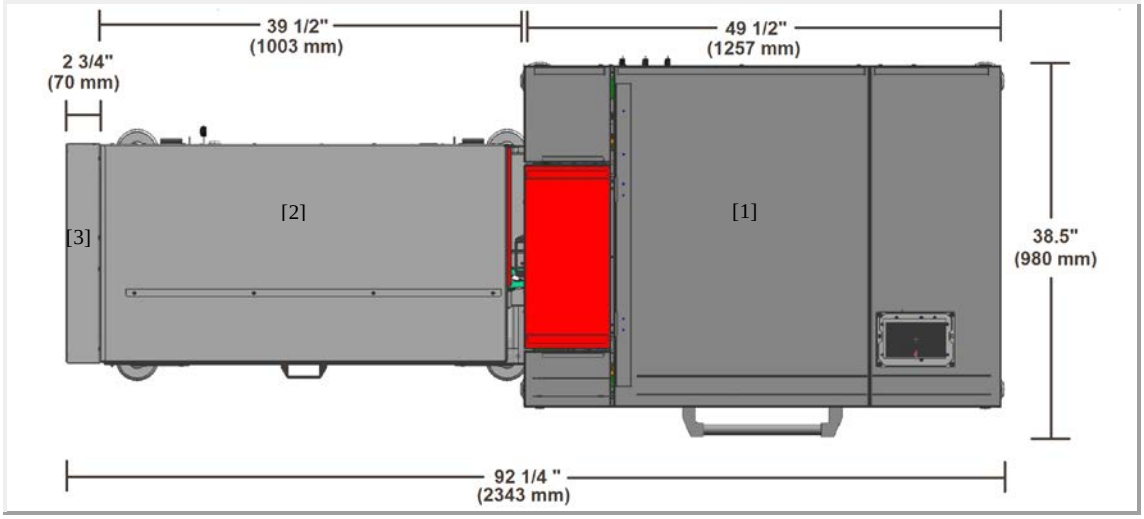


[1] Marking Engine	[8] Perfect Binder-E1
[2] Duplex Reader-K1	[9] High Capacity Stacker-H1
[3] Power Supply Unit	[10] Secondary High Capacity Stacker-H1
[4] POD Deck-D1	[11] Paper Folding Unit-J1
[5] Secondary POD Deck-D1	[12] Saddle-Finisher-AN2
[6] Document Insertion Unit-N1	[13] Booklet Trimmer-D1
[7] Multi Function Professional Puncher-A1	[14] Two-Knife Booklet Trimmer-A1

IMPORTANT

- The large configuration includes 1-POD Deck-D1, 1-Secondary POD Deck-D1, the Main Unit (Marking Engine and Power Supply Unit), Duplex Reader-K1, Document Insertion Unit-N1, Multi Function Professional Puncher-A1, Perfect Binder-E1, Two (2) High Capacity Stacker-H1, Paper Folding Unit-J1, Saddle Finisher-AN2, Booklet Trimmer-D1, and Two-Knife Booklet Trimmer-A1.
- The fully configured width of the machine includes opening space for the POD Deck door and the extended tray of the Two-Knife Booklet Trimmer.
- There is approximately 1/5” (5 mm) of space between each of the following attached accessories: Two-Knife Booklet Trimmer-A1, Booklet Trimmer-D1, Finisher-AN1, Saddle Finisher-AN2, Paper Folding Unit-J1, Perfect Binder E1, Document Insertion Unit-N1, POD Deck-D1, Secondary POD Deck-D1, POD Deck Lite-C1, Multi Function Professional Puncher-A1, and High Capacity Stacker-H1.
- For the Booklet Trimmer-F1, include an additional 20.5” (520 mm) in width to the entire configuration.

BDT VX 370+ Long Sheet Feeder with Registration Unit

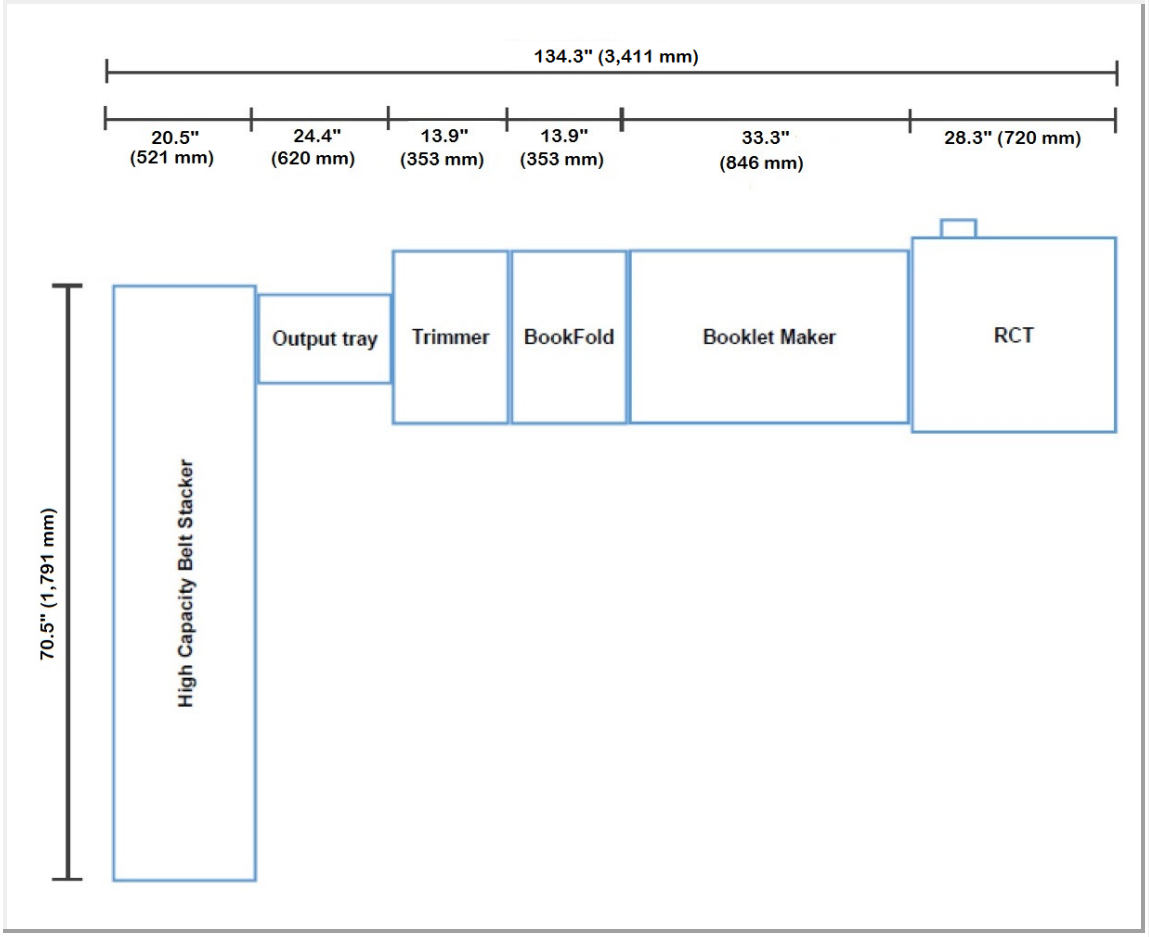


[1] BDT VX 370+ Long Sheet Feeder Frame and Cart	[3] interconnect Module
[2] Registration Unit	

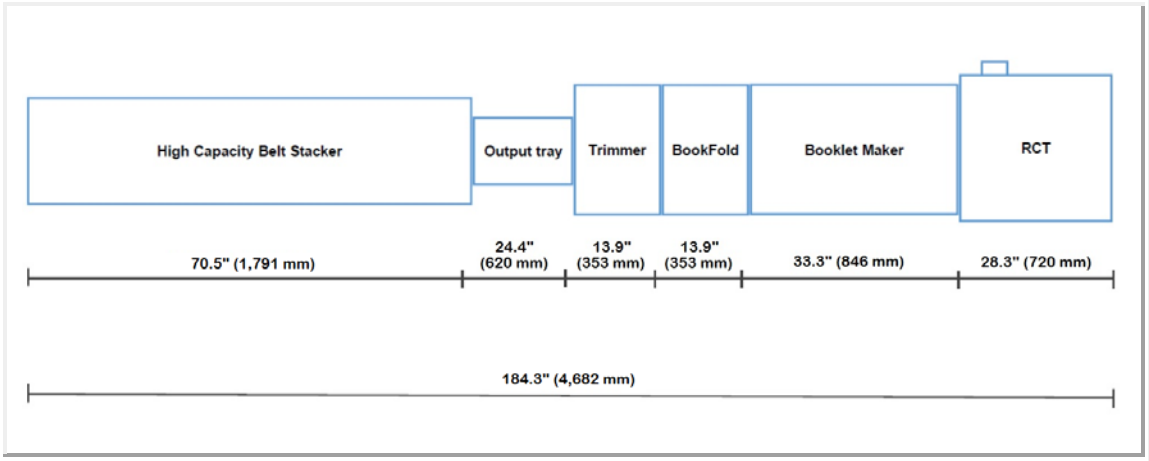
IMPORTANT

- The total length of the BDT Long Sheet Feeder system includes the Feeder Unit, the Registration Unit, and the Interconnection Module.
- The Interconnect Module connects between the POD Deck and the Registration Unit.
- Include an additional 3 1/2" (90 mm) to the length of the POD Deck to account for the different interface module required to connect to the Interconnect Module.

Plockmatic BLM 50/35 With the High Capacity Belt Stacker in an L-Shape

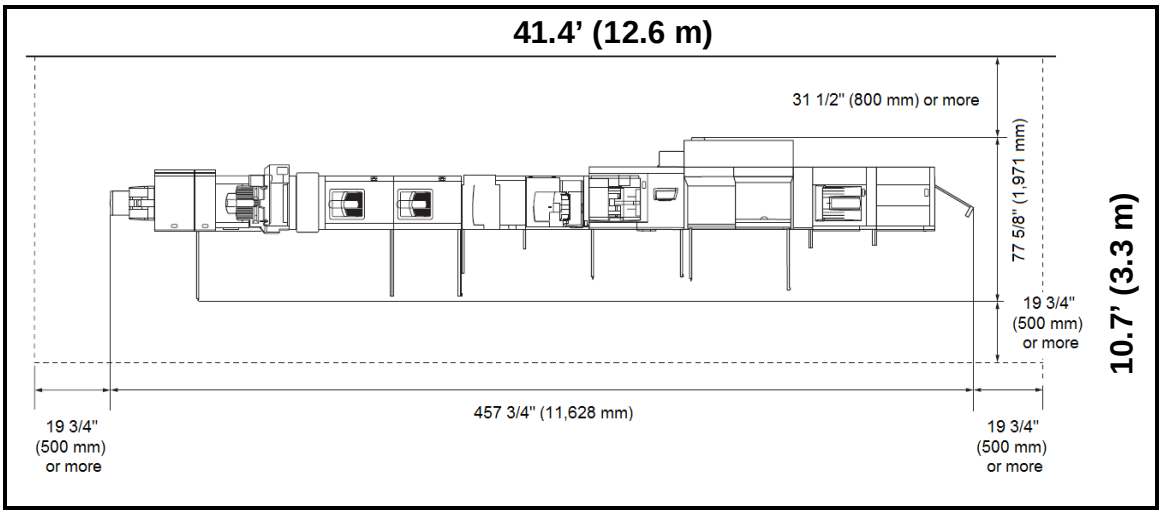


With the High Capacity Belt Stacker In-Line



3.4 Recommended Floor Space Requirements

For the large configuration of the imagePRESS C10000VP/C8000VP, it is recommended that there be at least 41.4’ (W) x 10.7’ (D) of level floor space.



IMPORTANT

- The imagePRESS C10000/8000VP was created to be modular in design. Floor space, budget, monthly copy/print volume, and applications will determine which configuration works best.
- Some type of finishing option (Saddle Finisher-AN2, Finisher-AN1, or High Capacity Stacker-H1) 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 41.2” (1,046 mm) of space added to the installation space and floor design.
- The MAX Ring Binder requires the High Capacity Stacker-H1.
- The Ring Binder must be the final in-line accessory attached to the machine when paired with the PRISMAsync controller (prior to PRISMAsync 5.2). Finishing devices after the Ring Binder are supported by the imagePRESS controllers.
- The SDD BLM300C Professional Booklet Maker requires the High Capacity Stacker-H1, has several options that enhance the booklet maker’s finishing system, such as a 2-knife trimmer and square fold device, and the BLM300C finishing system must be the final in-line accessory attached to the machine.
- The Plockmatic BLM 50/35 Professional Booklet Maker requires the High Capacity Stacker-H1.
- The MAX Ring Binder and SDD BLM300C cannot be installed together.
- The MAX Ring Binder and Plockmatic BLM 50/35 cannot be installed together.

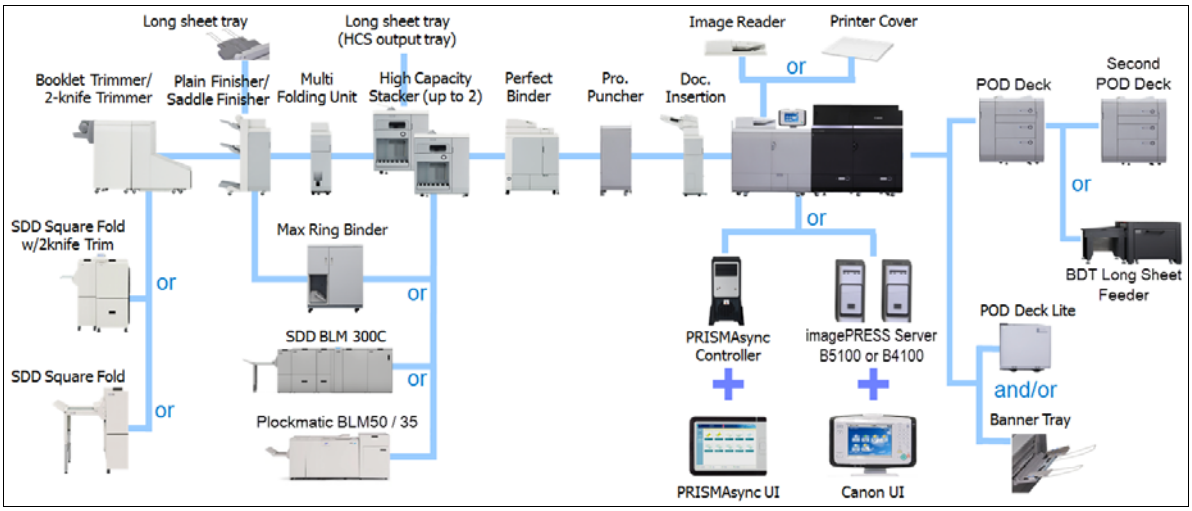
3.5 Floor Structure Requirements

The floor on which this machine is installed must have strength of at least 92.2 lb/ft^2 (450 kg/m^2). 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 configurations options that can be attached to the imagePRESS C10000VP/C8000VP.



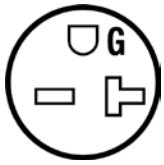
IMPORTANT

The imagePRESS B4000 is no longer available for purchase. It has been replaced by the imagePRESS B4100. The imagePRESS B5000 is no longer available for purchase. It has been replaced by the imagePRESS B5100. The imagePRESS Bx000 servers can be upgraded to Bx100 functionality with a separate software upgrade kit.

4. Power/Electrical Requirements

The imagePRESS C10000VP/C8000VP requires NEMA L21-30 and NEMA 6-20 receptacles for the main unit and proper operation.

NEMA L21-30 Receptacle



NEMA 6-20 Receptacle

Each POD Deck-D1 and Perfect Binder-E1 requires a NEMA 6-15 receptacle.

NEMA 6-15 Receptacle

The PRISMAsync controller, imagePRESS B5100/B4100 controller, BDT VX 370+ Long Sheet Feeder, Multi Function Professional Puncher-A1, Finisher-AN1, Saddle Finisher-AN2, High Capacity Stacker-H1, Two-Knife Trimmer-A1, Document Insertion Unit-N1, SDD Square Fold Booklet Maker, SDD Square Fold Booklet Maker with Two-Knife Trimmer, SDD BLM300C Professional Booklet Maker, SDD Rotator RTM6940, Plockmatic BLM 50/35 Booklet Maker, Rotate Crease Trim Module, BST-4000-1 Belt Stacker module, Plockmatic Multi-Purpose Stacker, and MAX Ring Binder require a NEMA 5-15 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
Main Unit	3 Phase 208 V/30 A outlet Y Configuration	NEMA L21-30	9.8' (3 m)
	Single Phase 208 V/20 A outlet	NEMA 6-20	6.6' (2 m)
PRISMAsync Controller w/Operation Panel and Attention Light	1-120 V/15 A outlet	NEMA 5-15	13.9' (4.2 m)
imagePRESS B5100/B4100 Controller	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Duplex Color Image Reader-K1	From the main unit	—	—
POD Deck Lite-C1	1-120 V/15 A outlet	NEMA 5-15	6.6' (2 m)
POD Deck-D1	1-208 V/15 A outlet per deck	NEMA 6-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6.6' (2 m)
BDT VX 370+ Long Sheet Feeder	1-120 V/15 A outlet	NEMA 5-15	
Registration Unit[14]	From the BDT Feeder	—	—
Multi Function Professional Puncher-A1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Perfect Binder-E1	1-208V/15 A outlet[12] 1-200-240V/15A outlet[13]	NEMA 6-15	8.5' (2.6 m)
Finisher-AN1	1-120 V/15 A outlet	NEMA 5-15	6.6' (2 m)
Saddle Finisher-AN2	1-120 V/15 A outlet	NEMA 5-15	6.6' (2 m)
High Capacity Stacker-H1	1-120 V/15 A outlet per stacker	NEMA 5-15	13.8' (4.2 m)
Booklet Trimmer-D1[14]	From the finisher	—	—
Booklet Trimmer-F1[14]	From the finisher	—	—
Two-Knife Trimmer-A1	1-120 V/15 A outlet	NEMA 5-15	6.6' (2 m)
Document Insertion Unit-N1	1-120 V/15 A outlet	NEMA 5-15	6.6' (2 m)
Paper Folding Unit-J1[14]	From the finisher	—	—
SDD Square Fold Booklet Maker	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
SDD Square Fold Booklet Maker with Two-Knife Trimmer	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 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[14]	From the SDD BLM300C Professional Booklet Maker	—	—
SDD 2-Knife Trimmer STR6702[14]			
SDD Square Fold SFM6904[14]			
SDD Long Belt Stacker BST6800[14]			
SDD Short Belt Stacker BST6900[14]			
MAX Ring Binder	1-120 V/15 A outlet	NEMA 5-15	14.76' (4.5 m)

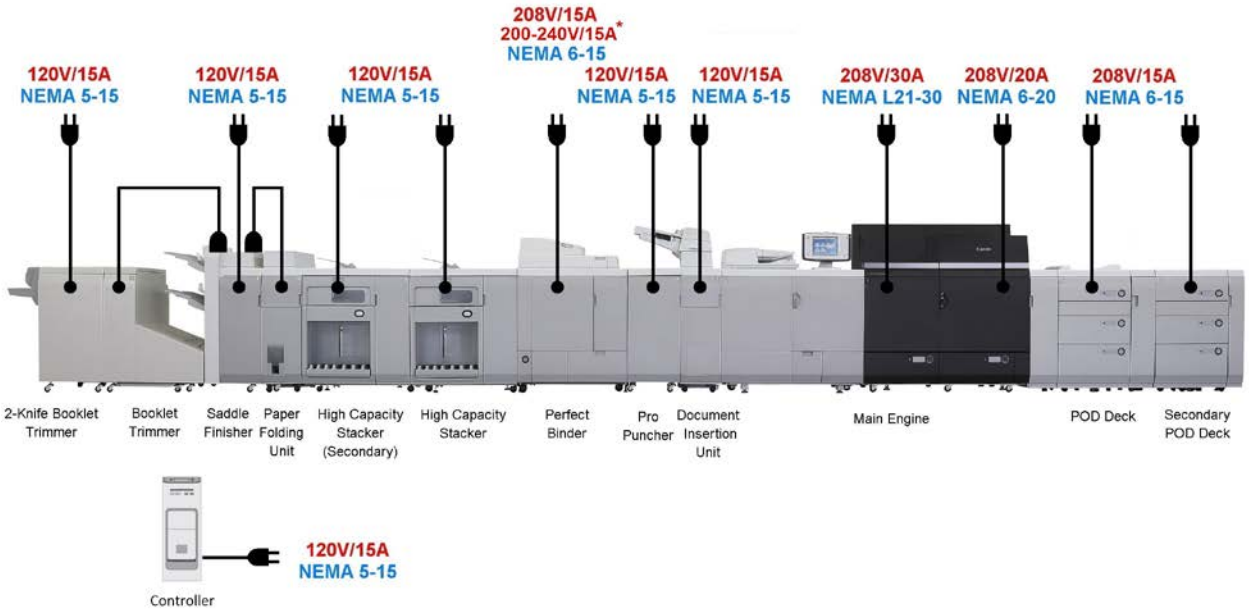
12 For all Perfect Binder-E1 before serial numbers starting with WBX01000-.
13 For all Perfect Binder-E1 for serial numbers starting with WBX01000- and after.
14 Does not require any additional outlets.

Power Requirements (cont'd)

Part or Accessory	Power Supply	Power Supply Cord/Plug Specifications	Length of Power Cord
Plockmatic BLM50/BLM35[15]	1-100-240V AC, 50/60 Hz, 4A	NEMA 5-15	6' (1.8 m)
Trimmer FTR50	From the Plockmatic BLM50/BLM35 Professional Booklet Maker	—	—
Cover Feeder CF50			
Booklet Fold BF50			
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	1-100-240V AC, 50/60 Hz, 4A	NEMA 5-15	6' (1.8 m)
Plockmatic Multi-Purpose Stacker	1-100-240V AC, 50/60 Hz, 2A	NEMA 5-15	

15 Canon USA strongly suggests that the power receptacle for the BLM 50/35 Professional Booklet Maker is connected to a separate breaker from the power receptacle for the Rotator Module. This is necessary to maintain adequate current for the Professional Booklet-Maker and each of the modules.

The following illustration shows the voltage requirements of the optional accessory items.



* 208V for serial numbers prior to WBX01000-, 200-240V for serial numbers starting with WBX01000- and after.

IMPORTANT

- Phase converters and step down transformers are not supported.
- 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 C10000VP/C8000VP 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 C10000VP/C8000VP or any computer controlled office equipment requires.
- Before installation, confirm that all necessary receptacles are available.

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.

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). Make sure to maintain a constant temperature and humidity within this range. Otherwise, there is a risk that productivity, paper feeding, image quality, and reliability 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 space heater, stove, or portable air conditioner, should be avoided.

The optimal humidity range for storing paper is 15% to 60% RH (Relative Humidity) with a room temperature of 68°F to 80.6°F (20°C to 27°C). Storing paper in a location that does not meet these specifications may affect paper feeding and image quality. For example, if the humidity is too high, paper curling and paper jams will increase. If the humidity is too low, paper may shrink or lose resistance, and toner will not adhere to the paper as well.

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. In order to avoid these issues, control the temperature gradient so that it does not exceed 18° F per hour (10° C per hour). Every effort should be made to maintain consistent temperature and humidity levels in the operating environment at all times for the imagePRESS C10000VP/C8000VP.

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 3,885 ft^3 (110 m^3) 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. Make 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 C10000VP/C8000VP
Type	Console
Drum	Photosensitive OPC Drum x 4
Color Supported	Full Color
Engine Resolution	Up to 2,400 dpi x 2,400 dpi[1]
Reading Resolution	Up to 600 dpi x 600 dpi
Number of Gradations	256
Memory	3.5 GB (standard)
Hard Disk	1 TB
Paper Size/Weight/Type	Size: 13" x 19", 12" x 18", LGL, LTR, LTRR, STMTR, EXEC, and Custom Size (7 1/8" x 7 1/8" to 13" x 19 13/64" (182 mm x 182 mm to 330.2 mm x 487.7 mm)) Weight: 16 lb bond to 130[2] lb cover (60 to 350 g/m^2) Type: Thin, Recycled, Plain, Heavy, Color Paper, Vellum Paper, bond, Texture, Coated, Pre-punched, Label, Tracing Paper, and Film[16]
Margin	Top Margin: 1/8" (2.5 mm) Left and Right Margins: 1/8" (2.5 mm) Bottom Margin: 1/8" (2.5 mm)
Warm-Up Time	After Powering ON: Fewer than 7 minutes Returning from the Sleep mode: Fewer than 7 minutes Activation time may vary, depending on the conditions under which the machine is being used. (In all cases, at a room temperature of 68°F.)
First Output Time	Approximately 25 seconds
Maximum Imageable Area	12.7" x 19" (323 mm x 482.7 mm) [17]
MEAP Support	No

1 The maximum RIP resolution for sheets longer than 19.2" (488 mm) is 600 x 600 dpi.
2 For a list of validated stocks between 130 lb Cover and 150 lb Cover (351 g/m^2 to 400 g/m^2), please consult the imagePRESS C10000VP Series Specialty Media Handling Guide, Version 4 or later.

16 OHP/transparencies and film cannot be punched or creased with the Multi Function Professional Puncher-A1. Bypass is supported.
17 The maximum guaranteed print size is 12.6" x 19" (320.6 mm x 482.7 mm).

Main Unit Table Continued

Item	Specifications	
Copy/Print Speed (except when paper is fed from the optional Long Sheet Tray-A1)	13” x 19”	Approximately: 51.0 sheets/minute (C10000VP) 38.9 sheets/minute (C8000VP) (16 lb bond to 81 lb cover (60 to 220 g/m^2)) Approximately: 44.7 sheets/minute (C10000VP) 35.6 sheets/minute (C8000VP) (81 to 130[2] lb cover (220 to 350 g/m^2))
	12” x 18”	Approximately: 53.5 sheets/minute (C10000VP) 40.9 sheets/minute (C8000VP) (16 lb bond to 81 lb cover (60 to 220 g/m^2)) Approximately: 47.2 sheets/minute (C10000VP) 37.6 sheets/minute (C8000VP) (81 to 130[2] lb cover (220 to 350 g/m^2))
	LGL	Approximately: 66.5 sheets/minute (C10000VP) 51.6 sheets/minute (C8000VP) (16 to 28 lb bond (60 to 105 g/m^2)) Approximately: 47.6 sheets/minute (C10000VP) 38.0 sheets/minute (C8000VP) (28 lb bond to 63 lb cover (106 to 170 g/m^2)) Approximately: 35.7 sheets/minute (C10000VP) 28.6 sheets/minute (C8000VP) (63 to 130[2] lb cover (171 to 350 g/m^2))
	LTR	Approximately: 100.0 sheets/minute (C10000VP) 80.0 sheets/minute (C8000VP) (16 lb bond to 130[2] lb cover (60 to 350 g/m^2))
	LTRR	Approximately: 81.4 sheets/minute (C10000VP) 63.7 sheets/minute (C8000VP) (16 to 28 lb bond (60 to 105 g/m^2)) Approximately: 60.6 sheets/minute (C10000VP) 48.4 sheets/minute (C8000VP) (28 lb bond to 63 lb cover (106 to 170 g/m^2)) Approximately: 45.5 sheets/minute (C10000VP) 36.4 sheets/minute (C8000VP) (63 to 130[2] lb cover (171 to 350 g/m^2))
	EXEC	Approximately: 112.7 sheets/minute (C10000VP) 90.1 sheets/minute (C8000VP) (16 to 28 lb bond (60 to 105 g/m^2)) Approximately: 104.3 sheets/minute (C10000VP) 83.4 sheets/minute (C8000VP) (28 lb bond to 63 lb cover (106 to 170 g/m^2)) Approximately: 87.3 sheets/minute (C10000VP) 69.8 sheets/minute (C8000VP) (63 to 130[2] lb cover (171 to 350 g/m^2))
	The copy/print speeds above may not be achieved if the user copies/prints in the conditions below: • If different paper types are used at the same time • If different paper sizes are used at the same time • If copying/printing as one- and two-sided documents at the same time. For example, the main document is copied/printed as one-sided, and the cover and sheet insertions are copied/printed as two-sided while bookbinding.	

2 For a list of validated stocks between 130 lb Cover and 150 lb Cover (351 g/m^2 to 400 g/m^2), please consult the imagePRESS C10000VP Series Specialty Media Handling Guide, Version 4 or later.

Main Unit Table Continued

Item	Specifications
Paper Feeding System/ Capacity	Up to 1,000 sheets x 2 paper decks (20 lb bond (80 g/m^2))
Multiple Copies	1 to 9,999 sheets
Power Source	3-phase, 5-wire 208 V AC, 60 Hz, 30 A (one power cord) Single-phase, 3-wire 208 V AC, 60Hz, 20 A (one power cord)
Maximum Power Consumption	Maximum: Approximately 14 kW In Sleep Mode: Approximately 120 W
Noise	Printing: Approximately 84 dB
Dimensions (H x W x D)	Without Operation Panel: 57 3/8" x 101 7/8" x 45 3/8" (1,456 mm x 2,586 mm x 1,152 mm) With Operation Panel and Attention Light: 68 7/8" x 101 7/8" x 45 3/8" (1,750 mm x 2,586 mm x 1,152 mm)
Weight	Approximately 2,645 lb (1,200 kg)
Installation Space (W x D)	101 7/8" x 45 3/8" (2,586 mm x 1,152 mm) (main unit only) 133 1/2" x 45 3/8" (3,391 mm x 1,152 mm) (when the optional POD Deck-D1 and Finisher-AN1 are attached) 173" x 73 3/8" (4,391 mm x 1,862 mm) (when clearing paper jams, and when the optional POD Deck-D1 and Finisher-AN1 are attached)
Altitude	13,123' (4,000 m (607.8 hPa)) maximum
Temperature while in Use	68 to 80.6°F (20 to 27°C)
Humidity	15 to 60% RH

6.2 PRISMAsync 6.1 Controller

Item	Specifications
Server Type	External
Operating System	Windows 10 embedded 64 bit
Processor	Intel Core i7 4770S @ 3.1 GHz
GPU	NVidia GeForce GTS650 1 GB
Memory	16 GB
Hard Disk	3 x 2.5" SATA II, 500 GB, 7,200 RPM
Interface	Ethernet 10/100/1000 Base-T, TCP/IP (LPR/LPD, 9100 Socket, SMB), Static IP/Auto IP (DHCP)
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) • PPML 1.5, 2.1, and 2.2
USB Printing	PDF, PS via USB connection on the operator panel
Print Drivers	• Windows XP, Vista, 7, Windows Server 2003, 2008 (R2), 2012. Win 10 • 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: • 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), including 336 new colors released in 2012, and 84 colors released in 2014

PRISMAsync 6.1 Controller Table Continued

Item	Specifications
Power Source	Including the Operation Panel and Attention Light: 100-240 V, 15 A, 50 to 60 Hz
Maximum Power Consumption	Including the Operation Panel and Attention Light: Maximum: Approximately 181 W Running: Approximately 165 W Ready: Approximately 130 W Sleep Mode: Approximately 117 W
Dimensions (H x W x D)	16.5” x 7.9” x 16.9” (420 mm x 200 mm x 430 mm)
Weight	Approximately 35 lb (16 kg)
Security	Standard: • HTTPS, SNMP v3 • User authentication per user role (key operator, system administrator, or service technician) Optional: • Integrity Checker performs continuous monitoring for unauthorized changes
Languages	American English, British English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Japanese, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish
Options	• Asian font sets: Korean, Japanese, Simplified Chinese, Traditional Chinese • Integrity Checker-C1 • DP Link-F1

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 data encryption software on the USB stick is allowed.[18]				
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[19]		• OCZ ATV – Supplier Ref#: OCZUSBATVxG[20] • Corsair Flash Voyager GT – Supplier Ref#: CMFUSB2.0-16GBGT • Corsair Flash Voyager – Supplier Ref #: CMFUSB2.0-16GB • Patriot Xporter XT Boost – Supplier Ref#: PEFxGUSB[20] • Patriot Xporter XT Boost – Supplier Ref#: PEFxGUSB[20] • Kingston Data Traveler 160 – Supplier Ref #: DT160/xGB[20] • Kingston Data Traveler R500 – Supplier Ref #: DTR500/xGB[20] • Kingston Data Traveler Ultimate 3.0 G2 – Supplier Ref #: DTU30G2/XGB[20] • Sony Micro Vault Click Excellence – Supplier Ref #: USxGLX[20] • Silicon-Power Luxmini 910 – Supplier Ref #: SP0xGBUF2910V1S[20]				
Minimum Manufacturer Warranty		5 years				

18 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.
19 USB sticks that have not been tested cannot be used.
20 "x" is the size of the USB stick (e.g., OCZUSBATV16G = 16 GB USB stick).

6.3 imagePRESS B5100 Controller

Item	Specifications
Platform	QX100-8
CPU	2 x Intel Hex Core Xeon ES-2637 V4 3.5 GHz with Turbo
Motherboard	Intel Grantley EP Chipset
Memory	16 GB (4 x 4GB) DDR4, 2133 MHz, PC4-17000, Registered ECC
Hard Disk Drive	1 x 500 GB SATA for OS 2 x 1 TB RAID array for RAID “0” SATA array
Graphics Board	NVidia GeForce 8400GS (DVI only, no VGA support)
USB Port	6 ports (2 USB 3.0 front, 2 USB 3.0 front, 2 USB 2.0 rear)
Power Supply Unit	Sparkle 500 W with switch
Video I/F	DDI-O8
Operating System	Microsoft Windows 10 IoT Enterprise 2016 LTSB

6.4 imagePRESS B4100 Controller

Item	Specifications
Platform	PRO90-5
CPU	Intel Core i7 4770, 3.1 GHz with Turbo
Motherboard	Intel Q87 Express chipset
Memory	4GB (2 x 2 GB) DDR3, 1333 MHz, Unbuffered non-ECC
Hard Disk Drive	1 TB SATA
Graphics Board	Intel integrated on CPU, VGA interface
USB Port	6 USB 3.0 (2 front, 4 rear) 2 USB 2.0 (2 rear)
Power Supply Unit	Sparkle 350 W with switch
Video I/F	DDI-O8
Operating System	Microsoft Windows 10 IoT Enterprise 2016 LTSB

6.5 POD Deck-D1

Item	Specifications
Paper Feeding Method	Air separation method with suction feeding
Paper Sizes	A3S, A4L, A4S, B4S, B5L, B5S, 13” x 19”, 12” x 18”, 11” x 17”, LGLS, LTRL, LTRS, EXEL, EXES, SRA3, 8KS, 16K, 13" x 19.2" (330.2mm x 487.7mm), Custom: 7.2” x 7.2” (182 mm x 182 mm) - 13" x 19.2" (330.2 mm x 487.7mm)
Paper Materials	Uncoated Paper (16 lb bond - 130 lb cover, 60 - 350 g/m^2)) Coated Paper (18 lb bond - 130[21] lb cover (70 - 350 g/m^2)) , Recycled paper, Color paper, OHP/ Transparency, Label, Film, Textured paper, Bond paper, Pre-punched paper, Vellum paper (Tab Feeding attachment-C1 is required for Tab Paper)
Tray Capacity	Without Tab Feeding Attachment-C1 Top two drawers: 1,000 sheets (20 lb bond, 80 g/m^2) Bottom drawer: 2,000 sheets (20 lb bond, 80 g/m^2) With Tab Feeding Attachment-C1 All drawers: Less than 500 sheets (20 lb bond, 80 g/m^2)
Power Source	200 – 208 V AC, 50/60 Hz, 15.0 A
Maximum Power Consumption	1,000 W
Dimensions (H x W x D)	43.1” x 38.7“ x 31.2“ (1,095 mm x 982 mm x 792 mm)
Weight	Approximately 551lb (250 kg)

6.6 POD Deck Lite-C1

Item	Specifications
Paper Feeding Method	Retard and air assist method
Paper Sizes	A3S, A4L, A4S, B4S, B5L, B5S, 13” x 19”, 12” x 18”, 11” x 17”, LGLS, LTRL, LTRS, EXEL, EXES, SRA3 Custom: 7.2” x 7.2” (182 mm x 182 mm) - 13" x 19.2" (330.2 mm x 487.7mm)
Paper Materials	Uncoated Paper (16 lb bond - 130 lb cover (60 - 350 g/m^2)) Coated Paper (18 lb bond - 130 lb cover (70 - 350 g/m^2)) , Recycled paper, Color paper, OHP/ Transparency, Label, Film, Textured paper, Bond paper, Pre-punched paper, Vellum paper, Tab Paper)
Tray 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	480 W
Dimensions (H x W x D)	22.4” x 25.8” x 27.0” (570 mm x 656 mm x 686 mm)
Weight	Approximately 150 lb (68 kg)

21 The POD Deck-D1 supports specific 150 lb (400 g/m2) media. Refer to the Specialty Media Handling Guide for more information.

6.7 Tab Feeding Attachment-E1

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

6.8 Long Sheet Tray-A1

Item	Specifications
Tray Capacity	1 sheet (20 lb bond, 80 g/m^2)
Paper Sizes[1]	Custom 8.3" x 19.2" (210 mm x 487.8 mm) – 13" x 30" (330.2 mm x 762 mm)
Paper Weight	Uncoated: 16 lb bond – 140 lb index (60 g/m^2 – 256 g/m^2) Coated: 17 lb bond – 140 lb index (70 g/m^2 – 256 g/m^2)
Paper Type	Thin paper, plain paper, heavy paper, recycled paper, color paper, transparency, film, label paper, coated paper, texture paper, bond paper, letterhead, and vellum paper
Dimensions (H x W x D)	18.8" x 26.2" x 24.5" (479 mm x 666 mm x 621 mm)
Weight	Approximately 33 lb (15 kg)
Output Capacity	Finisher/Saddle Finisher Top Tray: 100 sheets (20lb bond) HCS Top Tray: 100 sheets (20lb bond), HCS Long Sheet Tray-A1 required

1 The maximum RIP resolution for sheets longer than 19.2" (488 mm) is 600 x 600 dpi.

6.9 Duplex Color Image Reader-K1

Item		Specifications
Tray Capacity		300 sheets (20 lb bond (80 g/m^2))
Scan Speed	**300 dpi**	2-sided: Black-and-White: Up to 200 ipm Color: Up to 140 ipm 1-sided: Black-and-White: Up to 120 ipm Color: Up to 120 ipm
	600 dpi	2-sided: Black-and-White: Up to 120 ipm Color: Up to 70 ipm 1-sided: Black-and-White: Up to 120 ipm Color: Up to 70 ipm
Supported Paper Sizes		Statement to 11" x 17"
Supported Paper Weights		13 lb bond to 80 lb cover (50 g/m^2 to 216 g/m^2)
Dimensions (H x W x D)		7.05" x 24.9" x 23.2" (179 mm x 633 mm x 588 mm)
Weight		Approximately 61.7 lb (28kg)

6.10 BDT VX 370+ Long Sheet Feeder

Item		Specifications
Supported Print Controllers		imagePRESS B5100/B4100 imagePRESS B5000/B4000 with software upgrade kit PRISMAsync 5.2 and up
Capacity		5,000 sheets (20 lb bond, 75 g/m^2)
Media Output Height		Approximately 29.5” (745 mm) from bottom
Supported Paper Sizes		11” x 19.3” to 13” x 30 “ (330 mm x 490 mm to 330 mm x 762 mm)
Supported Paper Weights		16 lb bond to 130 lb cover (60 g/m^2 to 350 g/m^2)
Print Speed	**C10000VP**	**16 lb bond to 80 lb cover (60 g/m^2 to 216 g/m^2)** Face up: 28 ipm (30” (762 mm)), 33 ipm (26” (660 mm)) Face down: 22 ipm (30” (762 mm)), 25 ipm (26” (660 mm)) **81 lb cover to 130 lb cover (219 g/m^2 to 350 g/m^2)** Face up: 23 ipm (30” (762 mm)), 26 ipm (26” (660 mm)) Face down: 22 ipm (30” (762 mm)), 25 ipm (26” (660 mm))
	C8000VP	**16 lb bond to 80 lb cover (60 g/m^2 to 216 g/m^2)** Face up: 23 ipm (30” (762 mm)), 26 ipm (26” (660 mm)) Face down: 18 ipm (30” (762 mm)), 21 ipm (26” (660 mm)) **81 lb cover to 130 lb cover (219 g/m^2 to 350 g/m^2)** Face up: 18 ipm (30” (762 mm)), 21 ipm (26” (660 mm)) Face down: 18 ipm (30” (762 mm)), 21 ipm (26” (660 mm))
Duplex		Manual
Machine Lifecycle		Approximately 25,000,000 single sheets
Maximum Noise Level		Approximately 75 dBA
Power Source		90V – 260V, 47Hz – 63Hz, 14A
Dimensions (H x W x D)		38.4” x 51.2” x 38.6” (975 mm x 1,300 mm x 980 mm)
Weight		Approximately 881.8 lb (400 kg)

6.11 BDT Registration Unit

Item	Specifications
Supported Media	Same as supported by BDT VX 370+ Long Sheet Feeder
Power Source	From the BDT VX 370+ Feeder
Dimensions (H x W x D)[22]	33.1” x 42.7” x 23.6” (840 mm x 1,085 mm x 600 mm)
Weight	Approximately 264.5 lb (120 kg)

22 Dimensions do not include the Interconnection Module required for connection to the POD Deck.

6.12 High Capacity Stacker-H1

Item	Specifications
Paper Sizes	7.2” x 7.2” (182 mm x 182 mm) - 13" x 19.2" (330.2 mm x 487.7 mm)
Paper Weight	Uncoated Paper (16 lb bond - 130 lb cover (60 - 350 g/m^2)) Coated Paper (18 lb bond - 130[23] lb cover (70 - 350 g/m^2)) , Recycled paper, Color paper, OHP/ Transparency, Label, Film, Textured paper, Bond paper, Pre-punched paper, Vellum paper, Tab Paper
Stack Capacity	Approximately 6,200 sheets maximum, including the top tray, 20 lb bond (80 g/m^2)
Power Source	100 – 240 V AC, 50/60 Hz, 2.5 A
Maximum Power Consumption	300 W
Dimensions (H x W x D)	40.9” x 35.4” x 29.3” (1,040 mm x 899 mm x 745 mm)
Weight	Approximately 697 lb (120 kg)

23 The High Capacity Stacker-H1 supports specific 150 lb (400 g/m2) media. Refer to the Specialty Media Handling Guide for more information.

6.13 Finisher-AN1, Saddle Finisher-AN2

Item	Specifications
Paper Weight	Staple mode: 16 lb bond to 110 lb cover (60 to 300 g/m^2) Saddle Stitch mode: 16 lb bond to 110 lb cover (60 to 300 g/m^2) Shift mode: 16 lb bond to 120 lb cover (60 to 325 g/m^2) Upper tray collect only: 16 lb bond to 150 lb cover (60 to 400 g/m^2)
Capacity Per Tray	No Collating, Collate, Group Mode (Non-coated Paper) Upper Tray: 1,000 sheets Z-hold: 10 sheets per 1 set or 30 sheets Half-hold: 50 sheets Lower Tray: Small size (Letter): 2,000 sheets Mid. Size (Letter-R): 1,000 sheets Large size (11” x 17”, LGL): 1,000 sheets Over Large size (13” x 19”, 12” x 18”): 1,000 sheets If the high capacity mode is ON, Small size (Letter): 4,000 sheets (20 lb bond) Small size (Letter): 3,000 sheets (>20 lb bond) Mid. Size (Letter-R): 2,000 sheets Large size (11” x 17”, LGL): 1,500 sheets Over Large size (13 “ x 19”, 12” x 18”): 1,000 sheets Coated paper: 1,000 sheets Z-hold: 10 sheets per 1 set or 30 sheets Half-hold: 50 sheets
Optional Output Tray	Long Sheet Tray-C1 when also equipped with the BDT VX 370+ Long Sheet Feeder
Maximum Stapling Capacity	LTR, Exe: 100 sheets (20 lb bond, 80gsm) or 98 sheets (20 lb bond, 80gsm)＋2 sheets (200gsm), plus 11mm or less paper thickness (depends on gsm and media) A3, B4, A4S, LDR, LGL, LTRS: 50 sheets (20 lb bond, 80gsm) or 48 sheets (20 lb bond, 80gsm)＋2 sheets (200gsm), plus 5.5mm or less paper thickness (depends on gsm and media).
Available Staple Size	Corner/Double Stapling 11” x 17”, LGL, LTRR, EXEC, LTR, Custom size (8.27” x 11” – 13” x 19.2”) (210 mm x 279.4 mm – 330.2 mm x 487.7 mm)
Available Saddle Stitch Size	11” x 17”, LGL, LTRR, 12” x 18”, 13” x 19”, Custom size (8.3” x 11” – 13” x 19.2“) (210 mm x 279.4 mm - 330.2 mm x 487.7 mm)
Saddle Stitch Paper Weight	Cover: 16 lb bond – 110 lb cover (64-300 g/m^2) Body : 16 lb bond – 80 lb cover (60-220 g/m^2)
Saddle Stitch Staple Capacity	2-25 sheets (20 lb bond (80 g/m^2)), 2-15 sheets (80.1-105 g/m^2), 2-5 sheets (105.1 – 209 g/m^2), 2-4 sheets (209.1 – 220 g/m^2) paper including one cover sheet
Saddle Stitch Tray Capacity	Maximum 30 sets (depends on size and bunch number)
Saddle Stitch Folding Method	Roller pressure folding (Saddle Press can be applied)
Non-staple Folded Bunch Capacity	5 sheets (when paper is over 221 g/m^2, it decreases to 1 sheet)
Power Source	120 – 240 V AC, 50/60 Hz, 8 A
Maximum Power Consumption	500 W
Dimensions (H x W x D)	31.5” x 31.2” x 48.8” (800 mm x 792 mm x 1,239 mm)
Weight	Approximately 397lb (180kg)

6.14 Puncher Unit-BS1

Item	Specifications
Hole Punching System	Press punch system
Number of Holes/Diameter	2 holes: 3/8" (8 mm) 3 holes: 3/8" (8 mm)
Distance Between Holes	2 holes: 2 3/4" (70 mm) 3 holes: 4 1/4" (108 mm)
Paper Size Support	2 holes: LGL, LTR-R, Custom size (182 mm x 182 mm – 297 mm x 432 mm) 3 holes: 11" x 17", LTR, Custom size (182 mm x 182 mm – 297 mm x 432 mm)
Punch Waste Tray Capacity	Approximately 4,500 sheets (20 lb bond, 80 g/m^2)
Productivity	100%
Durability	1,000,000 sheets, 100,000 sheets (Thick paper ratio is 10%)
Dimensions (H x W x D)	Inside the finisher

6.15 Puncher Unit-BT1

Item	Specifications
Hole Punching System	Press punch system
Number of Holes/Diameter	2 holes: 1/4" (6.5 mm) 4 holes: 1/4" (6.5 mm)
Distance Between Holes	2 holes: 3 1/8" (80mm) 4 holes: 3 1/8" (80mm)
Paper Size Support	2 holes: LGL, LTR-R, Custom size (182 mm x 182 mm – 297 mm x 432 mm) 4 holes: 11" x 17", LTR, Custom size (182 mm x 182 mm – 297 mm x 432 mm)
Punch Waste Tray Capacity	Approximately 6,000 sheets (20 lb bond, 80 g/m^2)
Productivity	100%
Durability	1,000,000 sheets, 100,000 sheets (Thick paper ratio is 10%)
Dimensions (H x W x D)	Inside the finisher

6.16 Booklet Trimmer-D1

Item	Specifications
Paper Size	LTR-R, 11” x 17”, LGL, 12” x 18”, 13” x 19”, Custom size (up to 330.2 mm x 487.7 mm)
Paper Weight	Non-coated Paper: 16 lb bond to 110 lb cover (60 g/m^2 – 300 g/m^2) Coated Paper: 17 lb bond to 110 lb cover (70 g/m^2 – 300 g/m^2)
Number of Sheets	25 sheets/100 pages: Uncoated 16 lb bond to 20 lb bond (60 g/m^2 – 80 g/m^2) 15 sheets/60 pages: Uncoated 24 lb bond to 28 lb bond (80 g/m^2 – 105 g/m^2) 5 sheets/40 pages: Uncoated 28 lb bond to 110 lb index (105 g/m^2 – 209 g/m^2) 4 sheets/16 pages: Uncoated 110 lb Index (209 g/m^2) 10 sheets/ 40pages: Coated 18 lb bond to 20 lb bond (70 g/m^2 – 80 g/m^2) 15 sheets/ 60pages: Coated 20 lb bond (80 g/m^2) 10 sheets/ 40pages: Coated 20 lb bond to 90 lb text (80 g/m^2 -128 g/m^2) 5 sheets/40 pages: Uncoated 90 lb index to 110 lb index (128 g/m^2 – 209 g/m^2) 4 sheets/16 pages Uncoated 110 lb index (209 g/m^2) 1 sheet for cover can be used (16lb Bond to 11 lb Cover (64 g/m^2 to 300 g/m^2)). Cover weight needs to be thicker than body weight.
Trimming Width	0.08” - 0.79” (2 mm – 20 mm)
Waste Tray Capacity	Approximately 1,500 sheets of 20 mm-width trimmed piece
Conveyer Tray Capacity	30 booklets
Durability	3 Million booklets or 5 years
Cutter Durability	50K Booklets Trim
Productivity	4.58 sec/booklet (1-20 sheets) 5.0 sec/booklet (21-25 sheets)
Processing Speed	Follow the binding speed of Finisher-AB1/Saddle Finisher-AB2
Power Source	From the finisher
Maximum Power Consumption	300 W
Dimensions (H x W x D)	40.9” x 62” x 30.3” (1,040 mm x 1,575 mm x 770 mm)
Weight	Approximately 335 lb (152 kg)

6.17 Booklet Trimmer-F1

Item	Specifications
imagePRESS Server	imagePRESS B5100/B4100 imagePRESS server B4000/B5000 requires software upgrade kit
Margin Trimming Method	Upper knife reciprocating fore-edge
Trim Amount	0.08” to 1.10” (2 mm to 28 mm)
Maximum Number of Sheets[24], [25]	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 Sizes[26]	13” x 19.2”, 12” x 18”, 11” x 17”, LGL, LTRR
Acceptable Paper Weights	14 lb bond to 110 lb cover (52 to 300 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) 47.2” x 31” x 40.9” (1,200 mm x 779 mm x 1,040 mm) (Without conveyor and delivery tray)
Weight	Approximately 392 lb (178 kg)

24 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.
25 The maximum number of sheets that can be trimmed may differ, depending on the main machine.
26 The possible trim size may change, depending on the main machine.

6.18 Two-Knife Booklet Trimmer-A1

Item	Specifications
Paper Size	LTR-R, 11” x 17”, LGL, 12” x 18”, 13” x 19, Custom size (8.27” x 11” – 13” x 19.2” ((210 mm x 279.4 mm - 330.2 mm x 487.7 mm))
Paper Weight	Cover: 16 lb bond to 110 lb cover (64 g/m^2 – 300 g/m^2) Body: 16 lb bond to 80 lb cover (60 g/m^2 – 220 g/m^2)
Number of Sheets	25 sheets/100 pages: Uncoated 16 lb bond to 20 lb bond (60 g/m^2 – 80 g/m^2) 15 sheets/60 pages: Uncoated 24 lb bond to 28 lb bond (80 g/m^2 – 105 g/m^2) 5 sheets/40 pages: Uncoated 28 lb bond to 110 lb index (105 g/m^2 – 209 g/m^2) 4 sheets/16 pages: Uncoated 110 lb Index (209 g/m^2) 10 sheets/ 40pages: Coated 18 lb bond to 20 lb bond (70 g/m^2 – 80 g/m^2) 15 sheets/ 60pages: Coated 20 lb bond (80 g/m^2) 10 sheets/ 40pages: Coated 20 lb bond to 90 lb text (80 g/m^2 -128 g/m^2) 5 sheets/40 pages: Uncoated 90 lb index to 110 lb index (128 g/m^2 – 209 g/m^2) 4 sheets/16 pages Uncoated 110 lb index (209 g/m^2) 1 sheet for cover can be used (16lb Bond to 11 lb Cover (64 g/m^2 to 300 g/m^2)). Cover weight needs to be thicker than body weight.
Trimming Width	0.08” - 0.59” (2 mm – 15 mm)*1*2
Waste Tray Capacity	Approximately 1,500 sheets of 15 mm-width trimmed piece
Conveyer Tray Capacity	30 booklets
Durability	3 Million booklets or 5 years
Cutter Durability	50K Booklets Trim
Productivity	4.58 sec/booklet (1-20 sheets) 5.0 sec/booklet (21-25 sheets)
Power Source	120 – 127 V AC, 50/60 Hz, 4 A
Maximum Power Consumption	440 W
Dimensions (H x W x D)	40.9” x 21.1” x 30.3” (1,040 mm x 536 mm x 770 mm)*4*5
Weight	Approximately 335 lb (152 kg)

*1 Each width of top and bottom edge.
*2 Minimum length in top and bottom direction: 7.48” (190 mm).
*3 Two-Knife Booklet Trimmer-A1 does not have conveyer tray. Conveyer tray must be used from Trimmer-D1/F1.
*4 Dimensions of conveyer tray are not included.
*5 0.2” (5 mm) needs to be added to the width when it is connected to the Booklet Trimmer-C1.

6.19 Multi Function Professional Puncher-A1

Item		Specifications
Die Sets (LTR)		Loose Leaf 3-Hole, Loose Leaf 5-Hole, Velo Bind 11-Hole, Plastic Comb 19-Hole, Twin Loop 21-Hole, Twin Loop 32-Hole, Color Coil 44-Hole, High Durability Color Coil 44-Hole, High Durability Loose Leaf 3-Hole, High Durability Plastic Comb 19-Hole, and Crease
Punch	**Paper Size**	LTRR, LGL, 11” x 17”, 12” x 18”
	Paper Weight and Type[16]	Uncoated Paper: 20 lb bond – 110 lb cover (75 – 300 g/m^2) Coated Paper: 80 lb text – 110 lb cover (118 – 300 g/m^2)
	Waste Tray Capacity	70,000 sheets or more of 80 g/m^2 paper with four hole punch
	Die Life Cycle[27]	Standard Die: 750,000 cycles High Durability Die: 4,000,000 cycles
Crease	**Paper Size**	LTR, LGL, 11” x 17”, 12” x 18”, 13” x 19”
	Paper Weight and Type[16]	Coated and Uncoated Paper: 110 lb text – 110 lb cover (162 – 300 g/m^2)
	Skew	+/- 1.8 mm
	Die Life Cycle[27]	500,000 cycles
Power Source		115 V AC, 60 Hz, 3.8 A
Maximum Power Consumption		550 W
Dimensions (H x W x D)		40.9” x 17.5” x 31.2” (1,040 mm x 445 mm x 792 mm)
Weight		Approximately 225 lb (102 kg)

16 OHP/transparencies and film cannot be punched or creased with the Multi Function Professional Puncher-A1. Bypass is supported.

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

6.20 Perfect Binder-E1

Item	Specifications
Bookbinding Thickness	10-200 sheets or up to approximately 1 inch (25 mm)
Bookbinding Method	Hot glue at spine with wraparound cover
Book Size	5.4” x 11.5” – 8.5” x 11.7” (138 mm x 293 mm – 216 mm x 297 mm)[28]
Cover Sheet Size	14.3” x 10.1” – 19.2” x 13” (364 mm x 257 mm – 487.7mm x 330.2 mm)[28] [29]
Contents Sheet Size	7.2” x 10.1 – 9” x 12.6” (182 mm x257 mm - 228.6 mm x 320 mm)
Paper Weight	Contents (bond): 17 lb – 21 lb (64-80 g/m^2): 10-200 sheets 21 lb – 28 lb (81-105 g/m^2): 10-150 sheets 26 lb – 43 lb (106-163 g/m^2): 1-10 sheets (slip sheet only) Cover: 33 lb – 111 lb (91-300 g/m^2)
Margin Trimming	3 side or no trimming Side: 0.3” x 2” (6.5 mm x 49.5 mm) Top & Bottom: 0.3” x 1.6” (6.5 mm x 39.5 mm)
Tray Capacity	10 books of 100 sheets contents 25 books of 10 sheets contents
Warm-up Time	Less than 440 seconds
Power Source	208 V AC, 60 Hz, 3.0 A[12] 200-240V AC, 50/60Hz, 3.0A[13]
Maximum Power Consumption	630 W
Dimensions (H x W x D)	53.5” x 36.3” x 31.1” (1,360 mm x 922 mm x 791 mm)
Weight	Approximately 697lb (316kg)
PRISMAsync Requirements	PRISMAprepare and Advanced Imposition are required if PRISMAsync controller is attached.

12 For all Perfect Binder-E1 before serial numbers starting with WBX01000-
13 For all Perfect Binder-E1 for serial numbers starting with WBX01000- and after

6.21 Insertion Unit-N1

Item	Specifications
Paper Size	11" x 17", 12" x 18", 13” x 19”, LGL, LTR, LTR-R, EXE, Custom Size (7.2” x 7.2”(182.9 mm x 182.9 mm) - 13" x 19.2" (330.2 mm x 487.7 mm))
Paper Weight	18 lb bond – 110 lb cover (60 g/m^2 – 300 g/m^2)
Paper Type	Uncoated, Coated, Recycled paper, Color paper, Tab paper, Textured paper, Pre-punched paper, Vellum, Bond paper
Paper Capacity	200 sheets × 2 (20 lb bond (80 g/m^2))
Waste Tray Capacity	70,000 sheets or more of 80 g/m^2 paper with four hole punch
Power Source	100 – 240 V AC, 50/60 Hz, 1.0 A
Maximum Power Consumption	120 W
Dimensions (H x W x D)	55.4” x 13.2” x 31.2” (1,407 mm x 336 mm x 793 mm)[30]
Weight	Approximately 134lb (61kg)

28 Different specifications for using imagePRESS server.
29 Sheet vertical to horizontal ratio should be 1 to 1.25 – 1.5.
30 Listed width is the floor space occupied when connected with other accessories. Total accessory width, including the trays, is 29” (736 mm).

6.22 Paper Folding Unit-J1

Item	Specifications
Folding Method	Roller pressure contact method (demand processing while feeding paper)
Paper Size	Z-Fold: LTRR, LGL, and 11” x 17” C-Fold: LTRR Accordion Z-Fold: LTRR Double Parallel Fold: LTRR and LGL Half Fold: LTRR
Paper Weight	Z-Fold: 14 lb bond to 28 lb bond (52 g/ m^2 to 105 g/m^2) C-Fold: 14 lb bond to 28 lb bond (52 g/m^2 to 105 g/m^2) Accordion Z-Fold: 14 lb bond to 28 lb bond (52 g/m^2 to 105 g/m^2) Double Parallel Fold: 14 lb bond to 24 lb bond (52 g/m^2 to 90 g/m^2) Half Fold: 14 lb bond to 28 lb bond (52 g/m^2 to 105 g/m^2)
Paper Type	Thin, plain, recycled, color, bond, and coated
Paper Output	Z fold, Half fold : Finisher tray C fold, Accordion Z fold, Double Parallel Fold: Folding unit output tray
Output Capacity	Loading height: 2.36” (60mm) C-fold, Accordion Z-Fold: equivalent to 40 sheets Double Parallel Fold: equivalent to 25 sheets
Power Source	From the finisher
Maximum Power Consumption	150 W
Dimensions (H x W x D)	46.9” x 13.2” x 31.2” (1,190 mm x 336 mm x 793 mm)
Weight	Approximately 157 lb (71 kg)

6.23 SDD Square Fold Booklet Maker

Item	Specifications
Input Accessory	Booklet Trimmer-D1/F1 is required.
Booklet Trimming	Input Width: Approximately 5.51” (140 mm) to 12.60” (320 mm) Output Width: Same as Input 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 (20 lb bond (80 g/m^2))
Maximum Productivity	Up to 1,800 booklets/hour (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)	Approximately 45” x 43.3” x 14.2” (1,140 mm x 1,100 mm x 360 mm) (with the conveyor fully extended)
Weight	Approximately 154 lb (70 kg)

6.24 SDD Square Fold Booklet Maker with Two-Knife Trimmer

Item	Specifications
Input Accessory	Booklet Trimmer-D1/F1 is required.
Pass Through Width (No Trimming)	Approximately 8.27” (210 mm) to 12.60” (320 mm)
Booklet Trimming	Input Width*1: 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 (20 lb bond (80 g/m^2))
Maximum Productivity	Up to 800 booklets/hour (up to 100 pages (20 lb bond (80 g/m^2))
Power Source	120 V AC, 60 Hz, 15 A
Maximum Power Consumption	Approximately 740 W
Dimensions (H x W x D)	Approximately 51” x 62.6” x 27.6” (1,300 mm x 1,592 mm x 700 mm) (With the conveyor full extended)
Weight	Approximately 573 lb (260 kg)

*1 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.

6.25 SDD BLM300C Professional Booklet Maker

Item	Specifications
Input Accessory	High Capacity Stacker-H1 is required.
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

6.20.1 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)

6.20.2 SDD 2-Knife Trimmer STR6702 Specifications

Item		Specifications		
Booklet Size (Length)*1		**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*2		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*3		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)		

*1 Booklet heights between 320 mm and 340 mm must be trimmed to 320 mm or less.
*2 On booklets of approximately 20 sheets or more, always use cover sheets that weigh 120 g/m^2 or heavier to prevent trimming deviations.
*3 Can only be connected to an approved electrical system, which is rated at a maximum of 16 A, and is protected by circuit breakers.

6.20.3 SDD Square Fold SFM6904 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)
Speed	LTRR: Up to 1,800 booklets/hour 11” x 17”: Up to 1,800 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 143.3 lb (65 kg) On Pallet in Box: Approximately 220.5 lb (100 kg)

6.20.4 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[*1]	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)

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

6.20.5 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)

6.20.6 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)

6.26 MAX Ring Binder

Item	Specifications
Input Accessory	High Capacity Stacker-H1 is required.
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[31]	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[32]: 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)/ Weight	43.8" x 33.9" x 25.8" (1,113 mm x 860 mm x 655 mm) Approximately 330 lb (150 kg)

31 Paper curl may affect the stacking capacity.
32 Sheets must be fed by the long edge, face down, header up, and the trailing edge is the binding edge.

6.27 Plockmatic BLM50/BLM35 Professional Booklet Maker Specifications

Item	Specification
Standard Paper sizes	8.5 x 11”, 8.5” x 14”, 9” x 12”, 11” x 17”, 12” x 18”
Supported Paper sizes	8.1” x 10.8” (206 mm x 275 mm) to 12.6” x 18.1” (320 mm x 459 mm)
Supported Paper Weight	16 lb bond – 115 lb cover (64 g/m^2 - 300 g/m^2) Uncoated 28 lb bond - 115 lb cover (105 g/m^2 – 300 g/m^2) Coated
Input/Output sheets (Stapled)	2 – 50 sheets or 2 – 35 sheets (20 lb bond (80 g/m^2))
Input/Output sheets (Non-stapled)	1 – 2 sheets (folded)
Belt Stacker Capacity	2 sheets: 200 sets 8 sheets: 70 sets 15 sheets: 35 sets 20 sheets: 25 sets 30 sheets: 15 sets 35 sheets: 15 sets 40 sheets: 10 sets 45 sheets: 10 sets 50 sheets: 10 sets Based on 20 lb bond (80 g/m^2)
Maximum Speed	Up to 1,800 booklets/hour
Noise Level	Up to 62dB
Off-line use	Yes
Power source[15]	100-230 V ±10 % 50-60 Hz
Power consumption	250 W or less during continuous operation
Dimensions (H x W x D)	Approximately 41 3/8” x 57 7/8” x 28 3/4” (1,050 mm x 1,470 mm x 730 mm)
Weight	Approximately 341 lb (155 kg)

*15 Canon USA strongly suggests that the power receptacle for the BLM 50/35 Professional Booklet Maker is connected to a separate breaker from the power receptacle for the Rotator Module. This is necessary to maintain adequate current for the Professional Booklet-Maker and each of the modules.

6.27.1 Plockmatic Trimmer FTR50 Specifications

Item	Specification
Default Trim Length	11/64” (4.5 mm)
Minimum trimming	0.0394” (1 mm), recommended minimum is 0.098” (2.5 mm)[33]
Maximum trimming	5/8” (16 mm) per cut[34]
Off-line use	Yes, with Booklet Maker
Weight	Approximately 150 lb (68 kg)
Dimensions (H x W x D)	Approximately 41 3/8" x 14” x 28 3/4" (1,050 mm x 360 mm x 730 mm)
Power source:	From the Booklet Maker

33 When trimming SRA3 (450 mm), minimum trimming is 5 mm. When trimming 18”, minimum trimming is 9 mm.
34 Trim larger than 5/8” (16 mm) causes the trimmer to make multiple cycles, reducing system speed in some applications. Multiple cuts also affect the lifetime of the machine.

6.27.2 Plockmatic Rotate Crease Trimmer RCT50 Specifications

Item	Specification
Maximum paper width	Approximately 13” (330 mm)
Rotator	Width: Approximately 10.9” to 12.7” (275 mm to 325 mm) Length: Approximately 8.1” to 9.1” (205 mm to 232 mm)
Minimum bleed trim	Approximately 5 mm
Maximum bleed trim	Approximately 30 mm
Maximum asymmetric bleed trim	Approximately ± 5 mm
Off-line use	No
Power source[15]	100-230V ± 10%, 50-60 Hz
Power consumption	Approximately 300W continuous, 400W maximum
Dimensions (H x W x D)	Approximately 42 1/2” x 28” x 33 3/4” (1,080 mm x 710 mm x 860 mm)
Weight	463 lb (210 kg)

*15 Canon USA strongly suggests that the power receptacle for the BLM 50/35 Professional Booklet Maker is connected to a separate breaker from the power receptacle for the Rotator Module. This is necessary to maintain adequate current for the Professional Booklet-Maker and each of the modules.

6.27.3 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)

6.27.4 Plockmatic Booklet Fold Module BF50 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)
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)

6.27.5 Plockmatic Belt Stacker BST4000-1 Specifications

Item		Specification
Speed		Variable
Overlap		Adjustable
Capacity	**8.3” x 11.7”**	Up to 1,000 (2 sheet booklets, 20 lb bond (80 g/m^2))
	11.7’ x 16.5”	Up to 500 (2 sheet booklets, 20 lb bond (80 g/m^2))
Side Guides		Adjustable 14” (0 to 357 mm)
Weight		154 lb (70 kg)
Dimensions [35]	**Table height**	25 “ to 41.7” (635 mm to 1,060 mm)
	Width	20.5” (521 mm)
	Length	70.5” (1,791 mm)
Power source		100 – 240V, 50 – 60Hz, 1A
Power consumption		70W or less

35 Input height is Table height + 2.4” (60 mm) + Control Unit + 14” (350 mm) for end stacking tray.

6.28 Plockmatic Multi-Purpose Stacker Specifications

Item	Specification
Required Equipment	High Capacity Stacker-H1 HCS Long Sheet Tray-A1 DFD Interface Kit-A1 DFD PATH-B1 (H=860)
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 Weight[36]	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 Level[37]	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, 2A
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

36 Media less than 39 lb bond (148 g/m^2) may be stackable but is highly sensitive to curl, environmental conditions, and line speed.

37 Stacking of thinner paper with curl will cause more frequent jams and poorer stack quality.

7. System Options and Software

The functionality of the imagePRESS C10000VP/C8000VP 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 Universal Send Options

7.1.1 Color Universal Send Kit-AB1

The Color Universal Send Kit[38] enables the user to send scanned documents via e-mail or I-fax, as well as send scanned data to be stored in file servers or User Inboxes.

A URL Send feature enables scanned documents to be stored on the device while it sends only the URL of the document to a recipient for retrieval. This eliminates electronic jams and full e-mail inboxes.

7.1.2 Universal Send Advanced Feature Set-G1

The Universal Send PDF Advanced Feature Set[38] enables the user to make Compact PDF, Trace & Smooth, and Searchable PDF files.

38 Not available with the PRISMAsync controller configuration.

7.2 Data Security Options

7.2.1 Universal Send Security Feature Set-D1

The Universal Send PDF Security Feature Set[39] enables the user to encrypt PDF files and set a password to send them safely to a file server or e-mail address. It also enables the recipient of the PDF file to verify which device scanned it.

7.2.2 Removable HDD Kit-AM1

The Removable HDD Kit enables the hard disk of the machine to be removed while the machine's power is turned OFF. 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.

7.2.3 HDD Data Erase Kit-C1

The HDD Data Erase Kit[39] enables the user to erase the data stored on the hard disk.

7.2.4 3.5" 250 GB HDD Kit-Q1

Use the optional 3.5 inch/250 GB HDD-Q1 with the Removable HDD Kit-AM1.

NOTE
- The 3.5 inch/250 GB HDD-Q1 is necessary if a user wants to perform HDD Mirroring
- The 3.5 inch/250 GB HDD-Q1 does not increase the overall storage capacity of the machine.

39 Not available with the PRISMAsync controller configuration.

7.2.5 HDD Data Encryption & Mirroring Kit-E1

The HDD Data Encryption & Mirroring Kit-E1 encrypts all image data and device settings before storing it on the hard drive. The mirroring function also provides redundancy when utilized with an additional hard disk drive of the same storage capacity. This maintains system uptime and preserves company data in the instance of a hard drive failure.

IMPORTANT

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

NOTE

The engine HDD and the HDD used for encryption and mirroring must be of the same storage capacity.

7.3 Accessibility Options

7.3.1 Voice Guidance Kit-F2

The Voice Guidance Kit[38] allows users to hear audible voice navigation instructions when using the machine.

7.3.2 ADF Access Handle-A1

The ADF Access Handle allows seated users to open and close the feeder with more ease.

7.4 PRISMAdirect

PRISMAdirect is a workflow management solution designed for in-plant print centers, print shops and commercial printers to manage order intake, facilitate order management, help reduce overhead costs and enable faster turnaround time. PRISMAdirect includes an order management dashboard and an optional Webshop module to enable higher productivity.

7.5 Remote Operator Software

The Remote Operator Software allows a user to operate the imagePRESS C10000VP/C8000VP control panel via a computer from a remote location.

8. Installation Review

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

8.1 Installation Time

The time required to install the imagePRESS C10000VP/C8000VP 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.

IMPORTANT

- Set up time may vary due to the following conditions:
  - Forklift availability and its operator
  - Narrow hallways, or a need to remove doors to enter rooms
  - Uneven or damaged floors making leveling the equipment difficult and time consuming
- With the aforementioned conditions in mind, an installation of only the main unit can take between 4 to 6 hours. If accessories are included in the installation, the times in the table on the following page must be added.

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 for the ADF/reader and one (1) experienced technician for the other components.

Description	Estimated Time
imagePRESS C10000VP/C8000VP – Main Unit	127 minutes*1
Upright Control Panel-F1	9.9 minutes
Duplex Color Image Reader Unit-K1	32.4 minutes without Exhaust Duct 35 minutes with Exhaust Duct
Printer Cover-K1	5.8 minutes
POD Deck Lite-C1	15 minutes
POD Deck-D1	41.4 minutes
Long Sheet Tray-A1	26.6 minutes
BDT VX 370+ Long Sheet Feeder with Registration Unit and Interconnect Module	300 minutes
Finisher-AN1	13.4 minutes
High Capacity Stacker-H1	22 minutes
Saddle Finisher-AN2	17.6 minutes
Multi Function Professional Puncher-A1	10.4 minutes
Perfect Binder-E1	45 minutes
Booklet Trimmer-D1	36.4 minutes
Booklet Trimmer-F1	36 minutes
Two-Knife Booklet Trimmer-A1	26.1 minutes when conveyor is connected 23.2 minutes when conveyer is not connected
Document Insertion Unit-N1	19.2 minutes
Paper Folding Unit-J1	18.8 minutes
SDD Square Fold Booklet Maker	120 minutes
SDD Square Fold Booklet Maker with Two-Knife Trimmer	120 minutes
SDD BLM300C Professional Booklet Maker*2	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 Square Fold SFM6904	30 minutes
SDD Long Belt Stacker BST6800 or Short Belt Stacker BST6900	15 minutes
MAX Ring Binder	90 minutes

*1 Time includes 10 minutes to install the Secondary Transfer Belt, shipped in separate package.
*2 Add 10 minutes to the installation time if the SDD Rotator RTM6940 is not in the configuration

Estimated Installation Time (cont'd)

Description	Estimated Time
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
Plockmatic Multi-Purpose Stacker	30 minutes

8.2 Customer Responsibilities

Item	Comment
Identify location for equipment.	Area meets installation 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.

9. Customer Productivity Program

The CPP (Customer Productivity Program) enables owners of the imagePRESS C10000VP/C8000VP the ability to perform proactive maintenance and self-service on their machine.

The Operator Maintenance mode is embedded in the PRISMAsync and imagePRESS B5100/B4100 controllers, and guides only key operators with the skills and knowledge to perform preventative maintenance with an interactive instructional application.

The benefits of the CPP are maximized uptime, higher monthly print volume, reduced dealer service calls, and optimized machine performance. Consult the servicing dealer for program details.

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 Per Month	imagePRESS C10000VP 100,000 to 450,000*1 imagePRESS C8000VP 80,000 to 360,000*1
Image Ratio	48% total: 12% each color

*1 Based on 28 lb LTR size paper, and under the above optimal environmental conditions.

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.

10.1.1 Estimated Life of Consumables

The tables below state the estimated life expectancy yields based on A4 size paper. Using paper larger than A4 reduces the supply yields and parts life accordingly.

NOTE

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

Drum

Item	Item Number	Quantity	Estimated Yield (A4 @ 10% Image Ratio) (Copies/Prints)*1
Photosensitive Drum D02 (CMYK)	8533B001AA	4 (1 for each color and black)	2,000,000

*1 The Actual yield may vary, depending upon many factors including, without limitation, monthly copy volume, environment, type of image printed, customer handling of the equipment, and paper type (heavy, coated, etc.).

Toner

Item	Item Number	Quantity	Estimated Yield (A4) (Copies/Prints)*1
Toner T02 Black	8529B001AA	1	39,500
Toner T02 Cyan	8530B001AA	1	40,000
Toner T02 Magenta	8531B001AA	1	40,000
Toner T02 Yellow	8532B001AA	1	40,000

*1 The actual consumption of toner varies, depending on saturation, coverage of original, paper type, and job mode.

Starter Toner

Item	Item Number	Quantity	Estimated Yield (A4) (Copies/Prints)
iPR C10000VP/C8000VP Starter Black	8534B001AA	1	3,000,000
iPR C10000VP/C8000VP Starter Cyan	8535B001AA	1	3,000,000
iPR C10000VP/C8000VP Starter Magenta	8536B001AA	1	3,000,000
iPR C10000VP/C8000VP Starter Yellow	8537B001AA	1	3,000,000

11. Toner Container and Hopper Unit Capacities

A toner container holds approximately 1,600 grams of toner. The hopper unit holds approximately 2,100 grams.

12. Waste Toner Yields

The waste toner bottle collects the waste toner during the printing process.

The operator should replace the waste toner bottle with the provided spare bottle when the message indicating that the waste toner bottle is near full is displayed (at approximately 40,000 LTR prints). The waste toner bottle is full at approximately 50,000 LTR prints.

The waste toner bottle may be replaced while the machine is running since collected waste toner can be accumulated temporarily in the waste toner buffer (up to approximately 7,200 sheets of LTR paper). When the waste toner buffer becomes full, the imagePRESS C10000VP/C8000VP stops.

The dealer should empty 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.

Upon replacement of the waste toner bottle, any accumulated toner in the waste toner buffer empties into the new waste toner bottle.

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 Life
Reader Unit (Optional)	Reader: Approximately 400,000 scans ADF: Approximately 2,000,000 sheets (LTR)
Printer*1	imagePRESS C10000VP: Approximately 27,000,000 sheets (LTR)*2 or 5 years, whichever is earlier imagePRESS C8000VP: Approximately 21,600,000 sheets (LTR)*2 or 5 years, whichever is earlier
PRISMAsync Controller	Approximately 5 years

*1 A high-durability parts change is required at approximately 9,000,000 sheets.
*2 The machine will continue operating after approximately 27 million sheets; however, performance, copy quality, maintenance costs, etc. cannot be guaranteed.

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 machine, see "Environmental Factors and Requirements," on p. 37.

Monthly PCV Type	Description	Number of LTR Prints/Copies
Optimum PCV	This is the print/copy volume range that the equipment was intended to run on a regular basis to maintain a high level of performance and print/copy quality. Running the equipment within this range ensures that no undue stress is placed on components, and it allows time for the proper servicing and maintenance of the equipment.	imagePRESS C10000VP 100,000 to 450,000 imagePRESS C8000VP 80,000 to 360,000
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.	imagePRESS C10000VP 1,500,000 imagePRESS C8000VP 1,200,000

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 C10000VP/C8000VP.

15.1 Machine Reliability and Service Call Ratio

The service call ratio varies, depending on the total print volume, installation environment, image ratio, paper size, and paper type.

		CMP*1 Type 1	CMP*1 Type 2	CRD*2
Usage Factors	**Monthly Print Volume**	120,000	200,000	120,000
	Print Volume Over a 5 Year Maintenance Agreement	7,200,000	12,000,000	7,200,000
	Color Ratio	90%		
	Large/Heavy Paper Ratio	80%		50%
		50%		30%
	Toner Coverage for Each Color	12%		
	Media Type	100% Plain Paper		
	Configuration (Main Unit and Accessories)	• Main Unit • Duplex Color Image Reader Unit-K1 • 1-POD Deck-D1 • Saddle Finisher-AN1 • High Capacity Stacker-H1		
Labor	**Work Time*3**	143 Minutes		
	Travel Time*4	30 Minutes		
Service	**Average CBV*5**	34,131	45,491	38,052
	Visit Ratio*6	3.52	4.40	3.15

*1 CMP (Commercial Print)
*2 CRD (Central Reproduction Department)
*3 The Work Time (minutes per visits) is the average amount of time a service technician needs to service a machine. This number may vary, depending on the service technician's experience and the service required during each site visit.
*4 The Travel Time (minutes per visits) is the average amount of time a service technician needs to travel from site to site. This number may vary, depending on the local service map.
*5 The Average CBV (Copies Between Visits) is the estimated number of total sheets between service visits. The CBV takes into account all service visits throughout the term of the maintenance agreement. The actual CBV may vary, depending on the MCV (Monthly Copy Volume), large paper ratio, and service required.
*6 The Visit Ratio is the estimated number of service visits per month.

15.2 Print Speed

One of the key features of the imagePRESS C10000VP/C8000VP is its print speed technology. The imagePRESS C10000VP/C8000VP maintains print speed regardless of paper weight. For example, a letter-sized sheet of bond paper weighing 16 lb (60 g/m^2) will print at 100 ipm on the imagePRESS C10000VP. Also, the same sized sheet at 120 lb cover (325 g/m^2) will print at 100 ipm on the imagePRESS C10000VP.

The tables below describe the printing speeds one should expect when printing one- or two-sided documents on the indicated paper size and type. Refer to the Specialty Media Handling Guide for supported media.

Expected Print Speeds for the imagePRESS C10000VP

Paper Size	Paper Weight[2] (g/m^2)	1-Sided Face Up (ipm)	1-Sided Face Down (ipm)	2-Sided (ipm)
EXEC[40]	60 – 105	112.7	101.3	102.9
	106 – 170	104.3	101.3	102.9
	171 – 350	87.3	87.3	87.3
LTR[40]	60 – 105	100.0	100.0	100.0
	106 – 170	100.0	100.0	100.0
	171 – 350	100.0	100.0	100.0
EXECR	60 – 105	84.5	84.5	84.5
	106 – 170	63.4	63.4	63.4
	171 – 350	47.7	47.7	47.7
LTRR	60 – 105	81.4	81.4	73.4
	106 – 170	60.6	60.6	60.6
	171 – 350	45.5	45.5	45.5
LGL	60 – 105	66.5	66.5	60.1
	106 – 170	47.6	47.6	47.6
	171 – 350	35.7	35.7	35.7
LDR	60 – 105	56.2	56.2	56.2
	106 – 220	56.2	56.2	56.2
	221 – 350	50.0	50.0	50.0
SRA3	60 – 105	54.2	54.2	54.2
	106 – 220	54.2	54.2	54.2
	221 – 350	47.8	47.8	47.8
12” x 18”	60 – 105	53.5	53.5	53.5
	106 – 220	53.5	53.5	53.5
	221 – 350	47.2	47.2	47.2
13” x 19”	60 – 105	51.0	49.7	51.0
	106 – 170	51.0	49.7	51.0
	171 – 350	44.7	44.7	44.7
13” x 19.2”	60 – 105	50.5	48.8	50.5
	106 – 170	50.5	48.8	50.5
	171 – 350	44.2	44.2	44.2

2 For a list of validated stocks between 130 lb Cover and 150 lb Cover (351 g/m^2 to 400 g/m^2), please consult the imagePRESS C10000VP Series Specialty Media Handling Guide, Version 4 or later.

40 When printing is output to the top tray of the High Capacity Stacker, the maximum print speed is 90 ipm.

Expected Print Speeds for the imagePRESS C8000VP

Paper Size	Paper Weight[2] (g/m^2)	1-Sided Face Up (ipm)	1-Sided Face Down (ipm)	2-Sided (ipm)
EXEC	60 – 105	90.1	90.1	90.1
	106 – 170	83.4	83.4	83.4
	171 – 350	69.8	69.8	69.8
LTR	60 – 105	80.0	80.0	80.0
	106 – 170	80.0	80.0	80.0
	171 – 350	80.0	80.0	80.0
EXECR	60 – 105	66.3	66.3	54.2
	106 – 170	50.8	50.8	50.8
	171 – 350	38.1	38.1	38.1
LTRR	60 – 105	63.7	63.7	54.1
	106 – 170	48.4	48.4	48.4
	171 – 350	36.4	36.4	36.4
LGL	60 – 105	51.6	51.6	51.0
	106 – 170	38.0	38.0	38.0
	171 – 350	28.6	28.6	28.6
LDR	60 – 105	43.1	43.1	43.1
	106 – 220	43.1	43.1	43.1
	221 – 350	40.0	40.0	40.0
SRA3	60 – 105	41.5	41.5	41.5
	106 – 220	41.5	41.5	41.5
	221 – 350	38.2	38.2	38.2
12” x 18”	60 – 105	40.9	40.9	40.9
	106 – 220	40.9	40.9	40.9
	221 – 350	37.6	37.6	37.6
13” x 19”	60 – 105	38.9	38.9	38.9
	106 – 170	38.9	38.9	38.9
	171 – 350	35.6	35.6	35.6
13” x 19.2”	60 – 105	38.6	38.6	38.6
	106 – 170	38.6	38.6	38.6
	171 – 350	35.3	35.3	35.3

2 For a list of validated stocks between 130 lb Cover and 150 lb Cover (351 g/m^2 to 400 g/m^2), please consult the imagePRESS C10000VP Series Specialty Media Handling Guide, Version 4 or later.

IMPORTANT

The print speeds in the table above may not be achieved if the user prints in the conditions below:

– If a job uses different paper types and weights.
– If a job includes simplex and duplex print requirements.
– If a job includes a cover or insertion from the insertion unit.
– If a job uses long sheets from the BDT Long Sheet Feeder.
– If a job uses different paper sizes.
– If a job uses a mix of staples and non-staples.
– If a job averages less than 2% density for each color.

15.3 Mixed Media Productivity

The imagePRESS C10000VP/C8000VP 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 paper with different paper weights
- Using paper with different paper sizes
- 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
- The amount of paper in the POD Deck-D1 falls below 100 sheets
- 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.

15.4 Paper, Toner, and Waste Toner Replacement

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

The paper trays can also be opened and refilled during operation. The tray that is being utilized by the machine during production, however, will be locked. Once the job completes, or the machine switches to another tray, the empty tray unlocks, allowing the operator to prepare for the next job, and add more paper. No productivity is affected, and jobs finish quicker. The drawers will not always run dry when switching.

Similar to the paper, the toner bottle may be removed and replaced while a job is printing. The imagePRESS C10000VP/C8000VP has a large toner hopper, making it possible for the machine to run much longer without replacing the toner bottle right away. Therefore, productivity and image quality are not affected, and jobs finish in the same amount of time.

Finally, the waste toner bottle is required to be replaced when full. However, this bottle may be removed while the machine is running. Therefore, the operator will remain productive, and not notice any changes in speed or quality.

16. Media Usage/Compatibility

The imagePRESS C10000VP/C8000VP 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 C10000VP/C8000VP 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 Media Characteristics by Media Library Parameters

The table below describes the standard media library characteristics and parameters.

Characteristics	Parameters
Name	Set the name of the media.
Basis Weight	Set the basis weight of the paper
Size	Select the size of the paper from the drop-down list, including custom size paper.
Finishing type	Set the surface texture of the paper
Type	Set the brand name of the paper.
Color	Specify the color of the paper. This setting acts as an identifier to display the color of the paper on the operation panel.
Second side of two-sided page	Specify whether the back (second) side of the media is previously printed or not
Creep correction	Change the creep (displacement) correction for each page in a booklet
Curl correction level	Adjust the curl correction level for the paper type
Adjust paper conveyance (2-sided)	Make an adjustment if the corners of thin or plain paper fold or bend during duplex printing
Adjust image position	Adjust the printed image position on the paper, or correct misalignment and distortion
Adjust lead/tail margins	For some paper types, small margins make it harder to remove the paper from the fixing unit roller surface. That can result in folded/bent corner, paper feed issues, and decreased print quality.

16.2 Image Quality Adjustment Settings

The Image Quality Adjustment settings are for customers who want to make fine adjustments to the printed image. The Image Quality Adjustment settings must be enabled by a service technician. For more information on specifying the Image Quality Adjustment settings, see the *Operation Information User Manual* included with the machine.

The following settings can be adjusted through the Settings/Registration > Adjustment/Maintenance > Adjust Image Quality menu:

- Automatic gradation adjustment
- Density correction
- Color mismatch correction
- Zoom fine adjustment
- Color balance
- White gap correction
- Adjust fixing unit temperature
- Uneven gloss correction
- Special smoothing
- Automatic color tone correction
- Shading correction
- Make color more vivid
- Dither settings
- Color cast correction
- Uneven image gloss correction (duplex)
- Low temperature environment mode
- Adjust drum temperature

16.3 Action Adjustment Settings

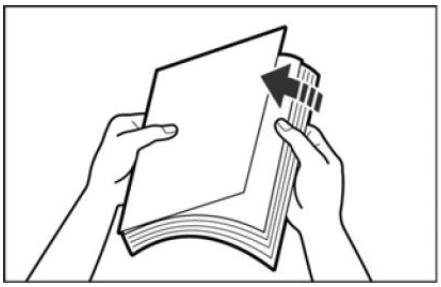
The Action Adjustment settings are for customers who want to make fine adjustments to the copy and print finish settings. The Action Adjustment settings must be enabled by a service technician. For more information on specifying the Action Adjustment settings, see the *Operation Information User Manual* included with the machine.

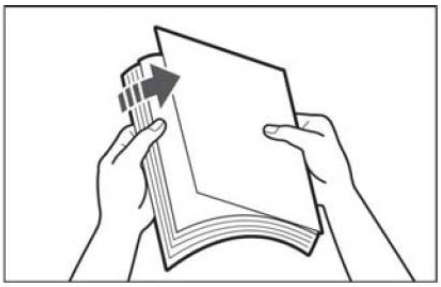
The following settings can be adjusted through the Settings/Registration > Adjustment/Maintenance > Adjust Action menu:

- Saddle stitch staple repositioning
- Saddle stitch fold placement adjustment
- Speed/-precision priority for double staple
- Perfect binding finishing size fine adjustment
- Adjusting the paper folding position
- Paper alignment when stapling
- Changing the finisher output priority settings (thin)
- Saddle stitch position adjustment
- Double staple width adjustment
- Adjusting the trimming width
- Adjusting the amount of glue for perfect binding
- Curl correction for each paper deck
- Paper alignment on finisher tray A/B
- Switch saddle fold mode

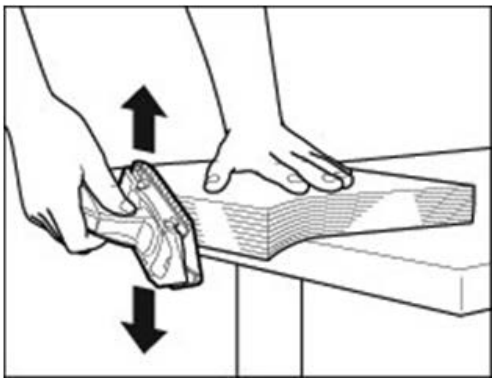
16.4 Paper Handling and Storage

- The permissible humidity range for paper storage is 15% to 60% (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 Selecting the Correct Media

Canon U.S.A., Inc. publishes a Specialty Media Handling Guide for the imagePRESS C10000VP/C8000VP series, which provides detailed information on approved media. Major topics in this document include:

- Acceptable Paper
- Problems Caused by Paper Curl
- Storing/Editing Irregular Paper Types
- Acceptable Paper Type List

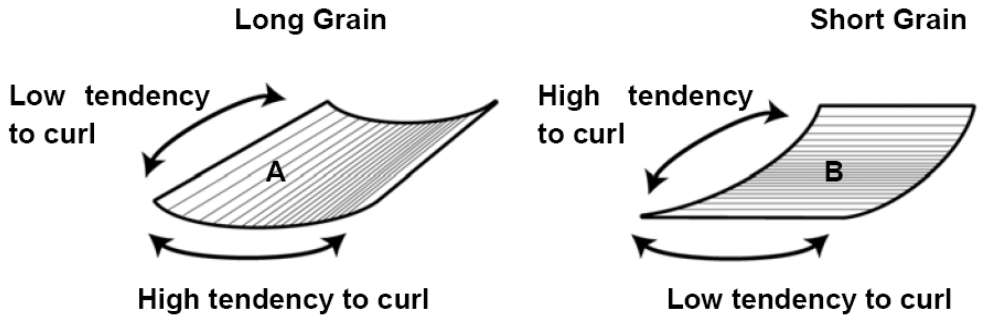
To obtain the Specialty Media Handling Guide, contact a local authorized Canon dealer for details.

16.6 Paper Grain and Curl

Paper grain and curl can dramatically affect the reliability of machines utilizing an electrostatic process like the imagePRESS C10000VP/C8000VP. Paper used in an offset press is usually cut for short edge feeding. This type of paper is not as reliable as paper made for machines utilizing an electrostatic process, which is cut for long edge feeding. Also, the composition of electrostatic paper is different from offset paper, and produces better quality results in a digital press machine. When selecting paper for the imagePRESS C10000VP/C8000VP, select paper intended for use in electrostatic machines, such as laser printers and copiers.

If paper jams or poor print quality occur when paper is fed from the optional stack bypass or paper decks, 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/m^2, we recommend using paper with a grain perpendicular to the feeding direction of the paper.
- If 12 point, 243 g/m^2 paper is used in the Saddle Stitch mode, it is best to use paper that is cross-grained. Thick, long grain paper does not fold as easily. Cross-grained paper is more flexible, resulting in a smoother crease along the direction of the fold.

16.7 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 stack bypass. If paper is fed from the stack bypass, 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. 87.
- The best results for color consistency and front-to-back registration are obtained by using factory mill cut, digital compatible paper.

16.8 Paper Sizes and Feed Location Chart

The table below represents the available paper sizes and feed locations. The POD Decks, POD Deck Lite, Long Sheet Tray, BDT Long Sheet Feeder, and Document Insertion Unit are optional.

✓: Available –: Unavailable

Paper Size	Width x Length	Paper Source[41]					
		Paper Deck of the Main Unit	POD Deck-D1/ Secondary POD Deck-D1	POD Deck Lite-C1	Long Sheet Tray-A1	BDT Long Sheet Feeder	Document Insertion Unit-N1
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[42]	7 1/8” x 7 1/8” to 13” x 19.2” (182 mm x 182 mm to 330.2 mm x 487.7 mm)	✓	✓	✓[43]	–	–	✓
Custom Size (when selecting Long Sheet Tray)	8 1/3” x 19 1/4” to 13” x 30” (210 mm x 487.7 mm to 330.2 mm x 762 mm)	–	–	–	✓	–	–
Custom Size (when selecting Long Sheet Feeder)	13” x 19 1/4” to 13” x 30” (330.2 mm x 487.7 mm to 330.2 mm x 762 mm)					✓	

41 150 lb cover (400 g/m^2) paper can only be fed using the main unit paper decks and the POD Deck-D1.
42 If the Finisher-AN1/Saddle Finisher-AN2 is attached, custom paper sizes which are smaller than 13” x 19 1/4” (330.2 mm x 487.7 mm) can be output.
43 Custom paper sizes can only be fed if they are between 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).

17. Responsibility Matrix

Please discuss this Responsibility Matrix with your customer and check off who owns each action in the table below.

	Responsibility	
Action	**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 PRISMAsync controller.		
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., drum cartridges, toner, etc.).		
Order and replace the waste toner container, as necessary.		
Provide technical support.		
Provide on-site support.		
Establish an installation file of a typical job, and retain for future reference.		
Perform Shading Correction once a day.*1		
Perform Auto Gradation Adjustment once a day.*1		
Perform a Media family calibration for color consistency once a day.*1		

*1 For more information, see “Maintenance and Calibration,” in the *Operating Information User Manual* included with the machine.

Primary customer applications for using this equipment:

_____

_____

_____

Special considerations or performance limitations:

_____

_____

_____

I have received a copy of this document.

_____

Customer: _____

Sales Person: _____