



imagePRESS C7010VPS

Customer Expectations Document

Version 4



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

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IMPORTANT

The purpose of this Customer Expectations Document is to explain the current features and capabilities of the imagePRESS C7010VPS, 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 C7010VPS Customer Expectations Document contains information about the features and capabilities of the Canon imagePRESS C7010VPS. 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 C7010VPS. It is also recommended that those interested in purchasing the imagePRESS C7010VPS have, and familiarize themselves with, the information in this document prior to making their purchase.

2. Product Overview

The Canon imagePRESS C7010VPS is the first co-development product of Canon and Océ. This machine integrates Canon's imagePRESS engine and accessories with Océ's PRISMAsync controller and operation management.

The Canon imagePRESS C7010VPS brings the following capabilities to users in a high-volume, mid-production office environment, including commercial printers, Print-for-Pay, graphic arts, direct mail, and CRD customers:

- Printing speeds of up to 70 ppm (pages per minute) (LTR, Color and Black-and-White). Copying speeds reach up to 70 ppm after the first copy set is output.
- One integrated 15" 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 1,200 x 1,200 dpi (dots per inch).
- Scans in up to 600 x 600 dpi, and then outputs the image in up to 1,200 x 1,200 dpi interpolated resolution. This results in higher quality characters, smoother corners, and cleaner gradient transitions. Text appears sharper, and graphics appear clear and detailed.
- Vacuum feed, active registration, dual fusing systems, and decurler technologies ensure reliable media handling from 16 lb bond to 120 lb cover (60 to 325 g/m²).
- PRISMAsync controller offers scheduling feedback software for production planning on the user interface for up to 8 hours.
- Operator's attention light with adjustable "warn-ahead" timing.

2.1 Summary of Functions

Function		imagePRESS C7010VPS
Print Speed (LTR)	B&W	70 ppm
	Color	
Scan Speed with Optional Color Image Reader and DADF (LTR)	Scan to file	2-Sided: 15 ipm (images per minute), 1-Sided: 25 ipm
	Copy	First Set, 1-Sided: 25 ipm, 2-Sided: 15 ipm Following Sets: Output at full engine speed
DADF		Optional duplex automatic document feeder
DADF Capacity		100 sheets (20 lb bond (80 g/m ²))
Engine Resolution		1,200 x 1,200 dpi
Gradations		256 levels
Paper Size	Minimum	7 1/8" x 7 1/8"
	Maximum	13" x 19.2"
Paper Weight	Drawers	16 lb bond to 120 lb cover (60 to 325 g/m ²)
	Stack Bypass	17 lb bond to 140 lb index (64 to 256 g/m ²)
Maximum Imageable Area		12.7" x 19" (323 mm x 482.7 mm) ^{*1}
HDD Capacity		80 GB x 2 (scanning)
Printer Memory		1.5 GB
Controller		Standard Océ PRISMAsync Color Controller
Security		Standard with E-Shredding license enabled on the PRISMAsync controller
Copy		Optional with the Color Image Reader-H1
Scan ^{*2}		Standard with Scanning license enabled on the PRISMAsync controller.
Print		Standard
Network		Standard Ethernet 10/100/1000 Base-TX

*1 The maximum guaranteed print size is 12.6" x 19" (320.6 mm x 482.7 mm).

*2 Requires the optional Color Image Reader-H1.

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 C7010VPS 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 C7010VPS is powered by Océ's 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^{*1}.
- RGB editing^{*1} – Adjust the brightness, contrast, and color to reach the quality of the scanned or printed image.
- USB printing and Scan to USB functionality^{*1}. 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 Color Image Reader-H1 must be attached to the machine.
- Standard X-Rite i1 Spectrophotometer.
- Standard Océ PRISMAprepare one (1) concurrent user license (includes the first year of maintenance and one (1) license for Adobe Acrobat Professional V9).
- Perfect binding support with the optional Perfect Binder-B1 via PRISMAprepare software or printer driver^{*1}.

^{*1} PRISMAsync Firmware Version 1.3 or later is required to use this feature.

2.3.1 PRISMAsync Standard Software

This section describes the software bundle that is packaged with the PRISMAsync controller. The bundle combines the Scan to file, E-Shredding, and PRISMAprepare licenses in one license file that must be installed on the PRISMAsync controller.

Scan to file: The scanning license supports the following scan to file destinations: FTP, e-mail, hold queue, waiting jobs, and PRISMAaccess.

E-Shredding: E-Shredding ensures that printed files are deleted and overwritten completely from the PRISMAsync controller and imagePRESS engine.

Available erase options within E-Shredding are:

- Gutmann - All jobs on the system are erased in 35 overwrite passes.
- US DOD 5220.22m, 8-306.d - All jobs on the system are erased in three overwrite passes.
- Custom - The end-user can define the number of overwrite passes manually.

The hard disk random erase functionality (Data Erase Kit) is part of the E-Shredding license.



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.

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

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

2.3.2 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. 31.

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.

2.3.3 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. 31.



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 Notes on the Engine's Hard Disks

The imagePRESS C7010VPS engine has two hard disks to realize high-speed data transfer by striping – a set of data is divided and written onto both hard disks simultaneously.

Always turn OFF the machine by activating the automatic shutdown sequence. For more information, see the *Canon imagePRESS C7010VPS, C6010VPS, and C6010S 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 drives.

If one of the two hard drives is damaged, it is necessary to replace both drives, as the imagePRESS C7010VPS system software is spanned over both drives.



IMPORTANT

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

2.5 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 consistent with Hammermill 28 lb color laser.
- Some customers may want to incorporate a Color Management workflow that consists of not only the above, but also utilizes the Color and Imaging features included with the 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.

2.6 Professional Input/Output Accessories

The imagePRESS C7010VPS 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. 27.

Input Accessories

- POD Deck-A1/Secondary POD Deck-A1
- Paper Deck-AC1
- Color Image Reader-H1
- DADF-R1
- Stack Bypass-A1

Finishing (Output) Accessories

- Professional Puncher-B1 & Professional Puncher Integration Unit-A1
- High Capacity Stacker-C1 (x 2)
- High Capacity Stacker-F1 (Requires PRISMAsync Firmware Version 2.1)
- Saddle Finisher-AJ2
- Finisher-AJ1
- Puncher Unit-BB1
- Booklet Trimmer-D1
- Two-Knife Booklet Trimmer-A1
- Document Insertion Unit-C1
- Perfect Binder-B1 (Requires PRISMAsync Firmware Version 1.3)
- SDD (Smart Dedicated Design) Square Fold Booklet-Maker with Two-Knife Trimmer



IMPORTANT

- Only the Saddle Finisher-AJ2 or Finisher-AJ1 can be installed. They cannot be installed together.
- Only the Two-Knife Booklet Trimmer-A1 or SDD Square Fold Booklet-Maker with Two-Knife Trimmer can be installed.
- The Booklet Trimmer-D1 requires the Saddle Finisher-AJ2. The Two-Knife Booklet Trimmer-A1 requires the Booklet Trimmer-D1, the Perfect Binder-B1 requires either the Finisher-AJ1 or Saddle Finisher-AJ2, and the SDD Square Fold Booklet-Maker with Two-Knife Trimmer requires the Booklet Trimmer-D1.
- Only one High Capacity Stacker-F1 can be attached to the machine.
- The High Capacity Stacker-C1 and High Capacity Stacker-F1 cannot be installed together.
- The Feeder DADF-R1 requires the Color Image Reader-H1.

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 ^{*1} w/o Operation Panel	101.8"	2,586 mm	45.4"	1,152 mm	52.4"	1,330 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
POD Deck-A1	38.7"	982 mm	31.2"	792 mm	43.1"	1,095 mm
POD Deck-A1 & Secondary PODDeck-A1	70.6"	1,793 mm	31.2"	792 mm	43.1"	1,095 mm
Paper Deck-AC1	23.7"	601 mm	24.4"	621 mm	22.4"	570 mm
Stack Bypass-A1 ^{*4}	15.7"	398 mm	21.4"	544 mm	13.4"	339 mm
Color Image Reader-H1	28.8"	732 mm	23.4"	595 mm	4.1"	105 mm
DADF-R1	25.4"	646 mm	22.4"	570 mm	5.6"	143 mm
Professional Puncher-B1 & Professional Puncher Integration Unit-A1	22.0"	560 mm	31.2"	792 mm	40.9"	1,040 mm
High Capacity Stacker-C1	33.9"	860 mm	30.1"	765 mm	48.8"	1,240 mm
High Capacity Stacker-F1	35.4"	899 mm	29.3"	745 mm	40.9" ^{*7}	1,040 mm ^{*7}
Saddle Finisher-AJ2 ^{*3}	41.7"	1,060 mm	31.2"	792 mm	46.5"	1,180 mm
Finisher-AJ1 ^{*2}	35.0"	890 mm	31.2"	792 mm	46.5"	1,180 mm
Puncher Unit-BB1	Part of the Finisher-AJ1 or Saddle Finisher-AJ2					
Booklet Trimmer-D1 ^{*2} & Saddle Finisher-AJ2 ^{*3}	74.4"	1,890 mm	31.2"	792 mm	46.5"	1,180 mm
Booklet Trimmer-D1, Two-Knife Booklet Trimmer-A1, & Saddle Finisher-AJ2	95.7"	2,431 mm	31.2"	792 mm	46.5"	1,180 mm
Document Insertion Unit-C1	24.6"	625 mm	26.3"	667 mm	8.4"	213 mm
Perfect Binder-B1 ^{*5}	36.3"	922 mm	31.1"	791 mm	53.5"	1,360 mm
Square Fold Booklet-Maker & Two-Knife Trimmer ^{*6}	62.3"	1,582 mm	51.1"	1,298 mm	51.0"	1,295 mm

*1 The Marking Engine, Sub Station, and Power Station Unit all make up what is hereinafter referred to as the "Main Unit."

*2 The expansion tray is attached.

*3 The auxiliary booklet tray is attached.

*4 The auxiliary tray is extended.

*5 Includes the document insertion unit.

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

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

3.2 Weight

The 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
Operator's Attention Light	2.2 lb	1 kg
POD Deck-A1	551 lb	250 kg
Secondary POD Deck-A1	507 lb	230 kg
Paper Deck-AC1	112 lb	51 kg
Stack Bypass-A1	11.9 lb	5.4 kg
Color Image Reader-H1	38.5 lb	17.5 kg
DADF-R1	48.5 lb	22 kg
Professional Puncher-B1	176 lb	80 kg
Professional Puncher Integration Unit-A1	88 lb	40 kg
High Capacity Stacker-C1	478 lb	217 kg
High Capacity Stacker-F1	264.6 lb	120 kg
Saddle Finisher-AJ2	397 lb	180 kg
Finisher-AJ1	287 lb	130 kg
Puncher Unit-BB1 ^{*1}	7 lb	3 kg
Booklet Trimmer-D1	335 lb	152 kg
Two-Knife Booklet Trimmer-A1	320 lb	145 kg
Document Insertion Unit-C1	37.5 lb	17 kg
Perfect Binder-B1 ^{*2}	697 lb	316 kg
Square Fold Booklet-Maker & Two-Knife Trimmer	573 lb	260 kg

*1 Installed inside the optional Finisher-AJ1 or Saddle Finisher-AJ2.

*2 Includes the document insertion unit.

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 to its final installation site.

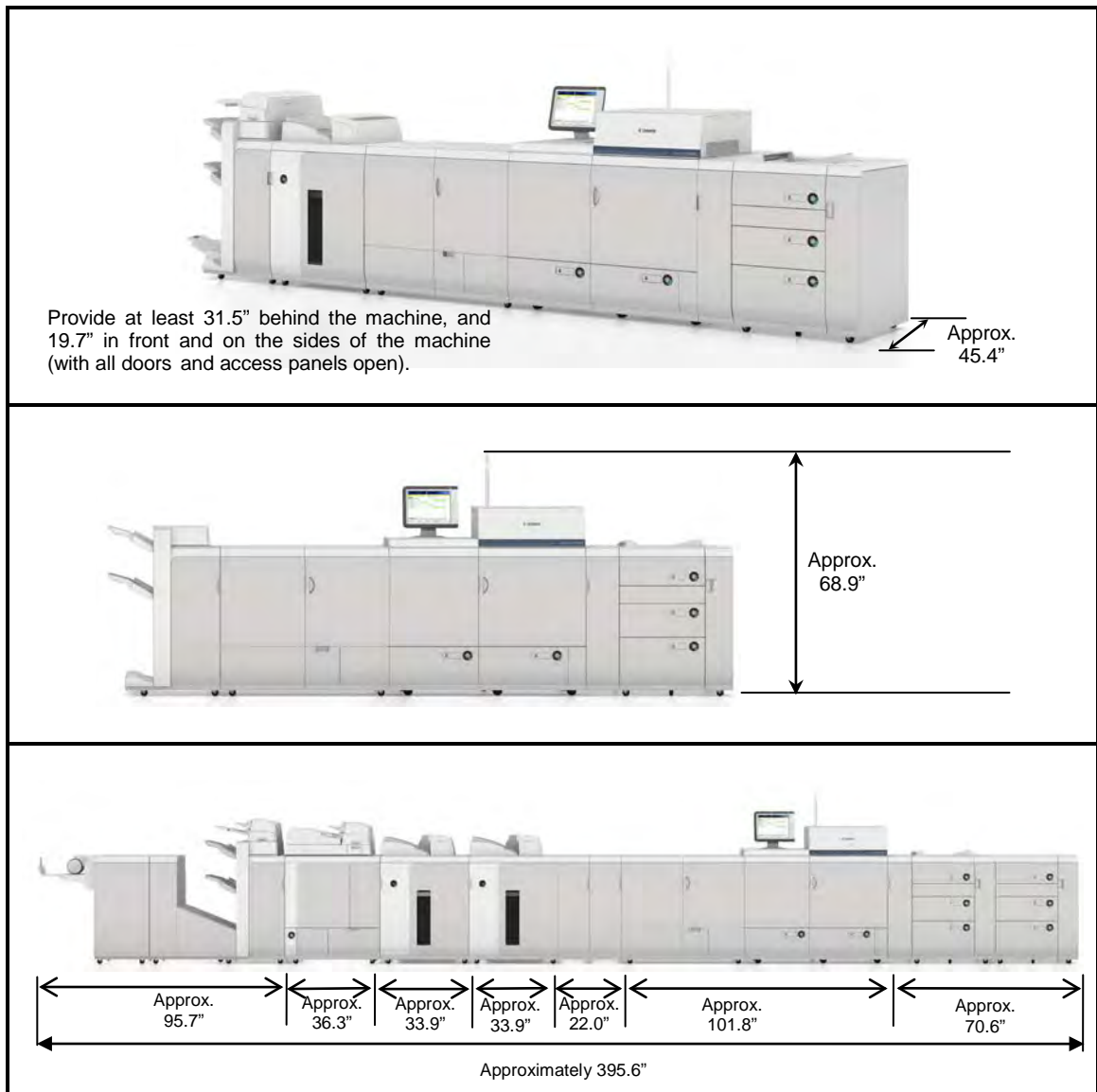
Equipment	Dimensions When Transporting (Width x Depth)	Minimum Corridor Width Required
Marking Engine	54 3/4" x 43 1/2" (1,390 mm x 1,105 mm)	89 5/8" (2,276 mm)
Sub Station	47 1/4" x 31 1/8" (1,200 mm x 792 mm)	76 1/4" (1,938 mm)
Power Station Unit	54 1/2" x 8 1/8" (1,383 mm x 227 mm)	74 7/8" (1,902 mm)
POD Deck-A1	38 5/8" x 31 1/4" (982 mm x 792 mm)	69 3/8" (1,762 mm)
Secondary POD Deck-A1	31 1/4" x 29 3/8" (792 mm x 745 mm)	62 1/2" (1,587 mm)
Professional Puncher-B1	12" x 31 1/4" (305 mm x 792 mm)	53 1/8" (1,349 mm)
Professional Puncher Integration Unit-A1	9 7/8" x 31 1/4" (250 mm x 792 mm)	52 3/8" (1,331 mm)
High Capacity Stacker-C1	33 7/8" x 30 1/8" (860 mm x 765 mm)	65" (1,651 mm)
Saddle Finisher-AJ2	41 5/8" x 31 1/4" (1,060 mm x 792 mm)	64" (1,626 mm)
Finisher-AJ1	35" x 31 1/4" (890 mm x 792 mm)	64" (1,626 mm)
Booklet Trimmer-D1	62" x 31 1/4" (1,575 mm x 792 mm)	88 3/4" (2,254 mm)
Two-Knife Booklet Trimmer-A1	30 3/8" x 31 1/4" (770 mm x 792 mm)	56 5/8" (1,439 mm)
Document Insertion Unit-C1	24 5/8" x 26 1/4" (625 mm x 667 mm)	55 5/8" (1,414 mm)
Perfect Binder-B1	36 5/16" x 31 1/8" (922 mm x 791 mm)	67 1/2" (1,715 mm)



NOTE

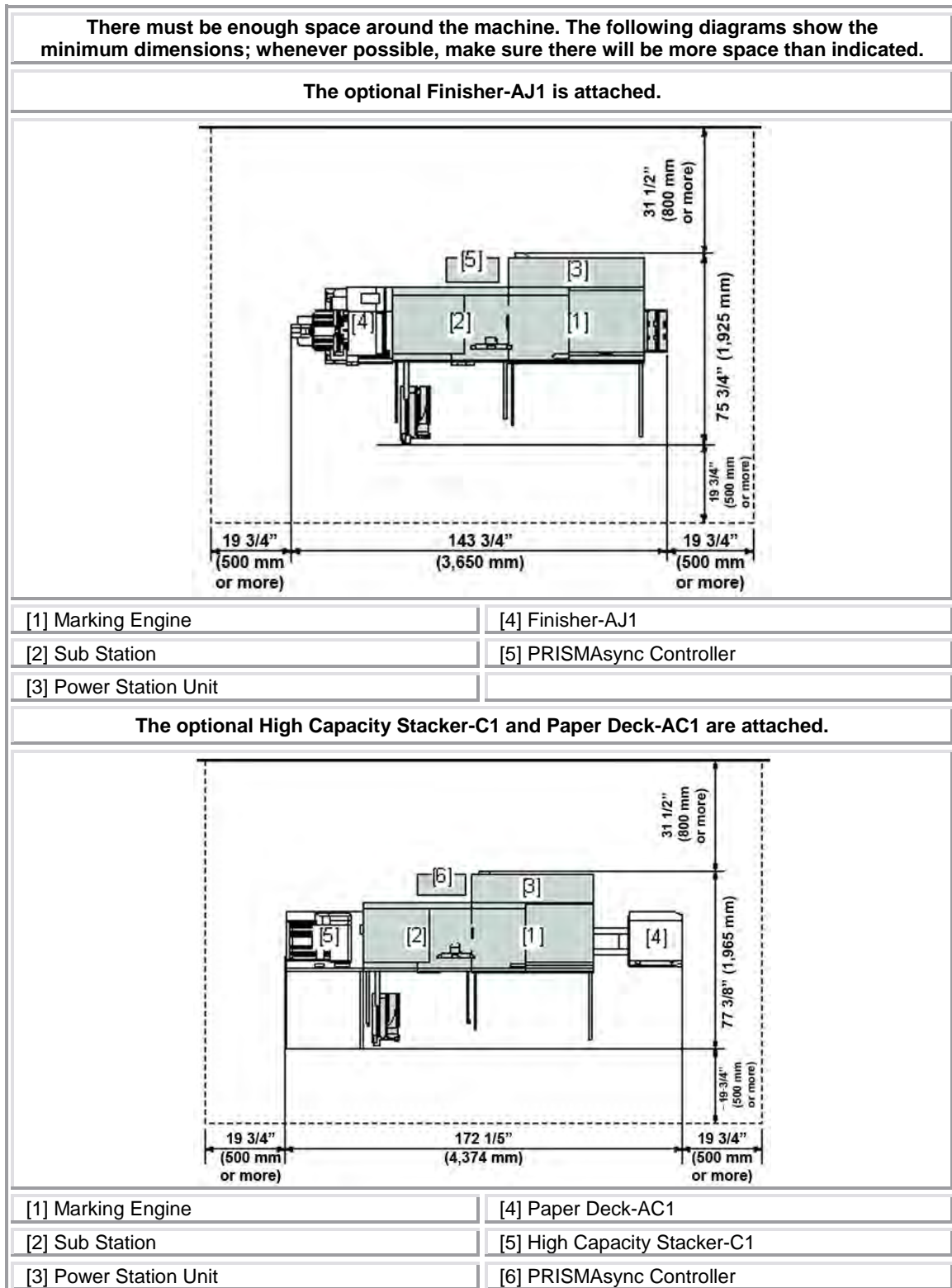
The Marking Engine, Sub Station, and Power Station Unit are transported separately.

3.3.2 Dimensions Diagrams

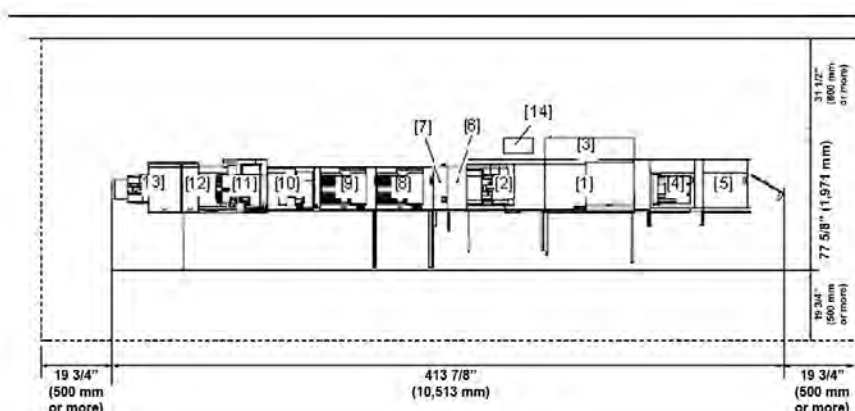


3.3.3 Installation Space Diagrams

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



Maximum Configuration



[1] Marking Engine	[8] High Capacity Stacker-C1
[2] Sub Station ^{*1}	[9] High Capacity Stacker-C1 (Secondary)
[3] Power Station Unit	[10] Perfect Binder-B1
[4] POD Deck-A1	[11] Finisher-AJ1/Saddle Finisher-AJ2
[5] Secondary POD Deck-A1	[12] Booklet Trimmer-D1
[6] Professional Puncher-B1	[13] Two-Knife Booklet Trimmer-A1
[7] Professional Puncher Integration Unit-A1	[14] PRISMAsync Controller

*1 The Sub Station is shown with the optional Color Image Reader-H1 and DADF-R1 on top.

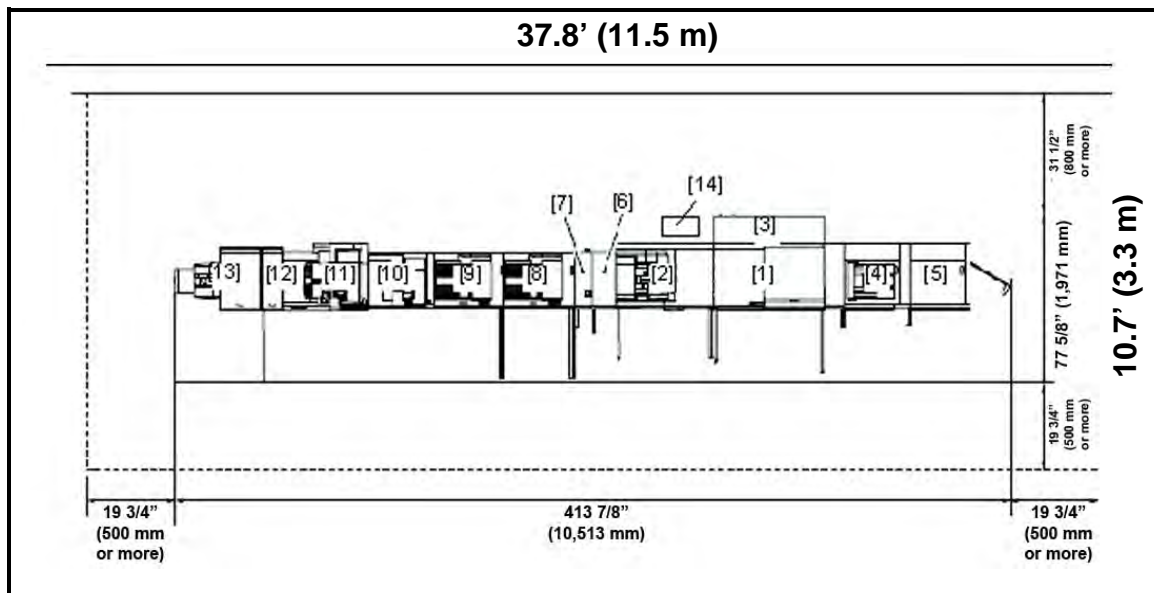


IMPORTANT

- The maximum configuration (fully configured machine) includes 1-POD Deck-A1, 1-Secondary POD Deck-A1, the Main Unit (Marking Engine, Sub Station, and Power Station Unit), PRISMAsync Controller, Color Image Reader-H1, DADF-R1, Professional Puncher-B1 and Professional Puncher Integration Unit-A1, 2-High Capacity Stackers-C1, Perfect Binder-B1, Saddle Finisher-AJ2, 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.
- 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 optional High Capacity Stacker-F1 is not shown in the configuration diagrams above. If the High Capacity Stacker-F1 is attached to the machine, make sure that there is approximately 35.4" (899 mm) of space added to the installation space and floor design.
- There is approximately 1/5" (5 mm) of space between each of the following attached accessories: the High Capacity Stacker-C1 or High Capacity Stacker-F1, Perfect Binder-B1, Finisher-AJ1 or Saddle Finisher-AJ2, Booklet Trimmer-D1, and SDD Square Fold Booklet-Maker with Two-Knife Trimmer.

3.4 Recommended Floor Space Requirements

For a fully configured imagePRESS C7010VPS, it is recommended that there be at least 37.8' (W) x 10.7' (D) of level floor space.



IMPORTANT

- The imagePRESS C7010VPS was created to be modular in design. Floor space, budget, monthly copy/print volume, and applications will determine which configuration works best.
- 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.
- If the High Capacity Stacker-F1 is attached to the machine, make sure that there is approximately 35.4" (899 mm) of space added to the installation space and floor design.
- Some type of finishing option (Saddle Finisher-AJ2, Finisher-AJ1, High Capacity Stacker-C1, or High Capacity Stacker-F1) is required.
- Any configuration of up to 1-POD Deck-A1, 1-Secondary POD Deck-A1, and 2-High Capacity Stackers-C1 may be attached to the machine at once.
- Only one High Capacity Stacker-F1 can be attached to the machine.

3.5 Floor Structure Requirements

The floor on which this machine is installed must have strength of at least 92.2 lb/ft² (450 kg/m²). If the floor does not have this level of strength, consult a building contractor before installing the machine.

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

4. Power/Electrical Requirements

The imagePRESS C7010VPS requires a NEMA L21-30 receptacle for the main unit and proper operation.



NEMA L21-30 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)
PRISMAsync Controller w/Operation Panel and Attention Light	1-120 V/15 A outlet	NEMA 5-15	13.9' (4.2 m)
POD Deck-A1^{*1}	1-208 V/15 A outlet (regardless of the number of POD Decks connected)	NEMA 6-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6' (1.8 m)
Paper Deck-AC1^{*2}	From the main unit	—	—
Color Image Reader-H1^{*2}	From the main unit	—	—
DADF-R1^{*2}	From the main unit	—	—
High Capacity Stacker-C1^{*3}	1-120 V/15 A outlet (regardless of the number of stackers connected)	NEMA 5-15	6' (1.8 m)
High Capacity Stacker-F1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Professional Puncher-B1 & Professional Puncher Integration Unit-A1^{*4}	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Saddle Finisher-AJ2	1-120 V/15 A outlet	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6' (1.8 m)
Finisher-AJ1	1-120 V/15 A outlet	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6' (1.8 m)
Documentation Insertion Unit-C1^{*2}	From the finisher	—	—
Puncher Unit-BB1^{*2}	From the finisher	—	—
Booklet Trimmer-D1	From the finisher	—	—
Stack Bypass-A1^{*2}	From the main unit	—	—
Two-Knife Booklet Trimmer-A1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Perfect Binder-B1	1-208 V/15 A outlet	NEMA 6-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	9' (3 m)
Square Fold Booklet-Maker & Two-Knife Trimmer^{*5}	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
External Start Interface Kit for the SDD Two-Knife Trimmer	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)

*1 The Secondary POD Deck-A1 draws power from the POD Deck-A1.

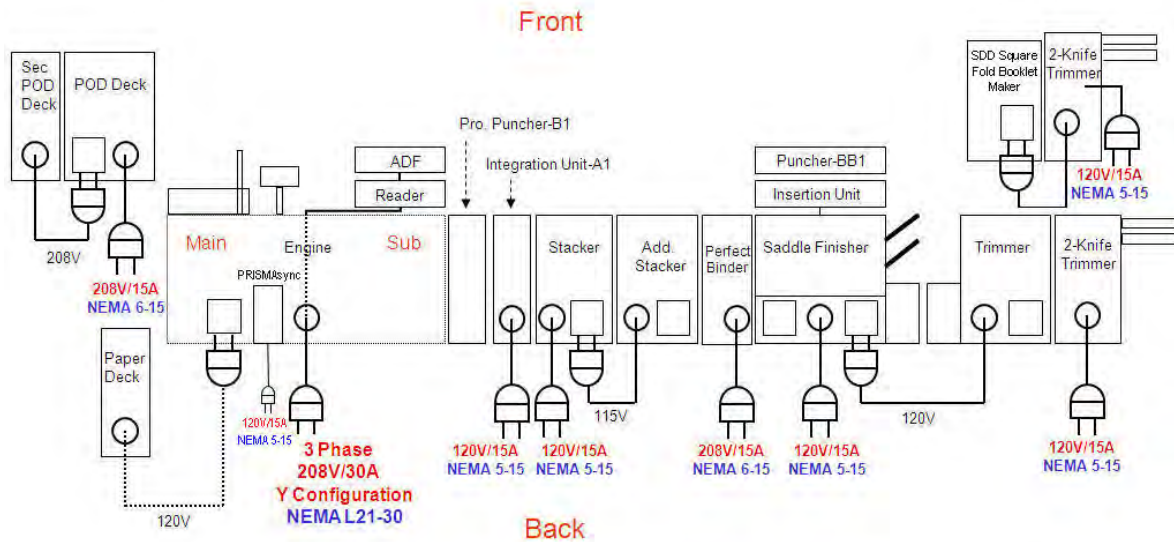
*2 Does not require any additional outlets.

*3 If a second High Capacity Stacker-C1 is connected, the second stacker draws power from the first stacker.

*4 The Professional Puncher Integration Unit-A1 provides the Professional Puncher-B1 with power.

*5 The SDD Two-Knife Trimmer provides the SDD Square Fold Booklet-Maker with power.

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



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 C7010VPS 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 C7010VPS 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 30% to 70% 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 30% to 70% RH (Relative Humidity) with a room temperature of 68°F to 80.6°F (20°C to 27°C). Storing paper in a location that does not meet these specifications may affect paper feeding and image quality. For example, if the humidity is too high, paper curling and paper jams will increase. If the humidity is too low, paper may shrink or lose resistance, and toner will not adhere to the paper as well.

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 affect on image positioning. Sudden temperature changes may cause the paper to bend or contract, cause the machine to malfunction, and form condensation. Every effort should be made to maintain consistent temperature and humidity levels in the operating environment at all times for the imagePRESS C7010VPS.

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 1.5 times per hour, and at least 3,885 ft³ (110 m³) of space in the location where the machine will be installed.

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

5.4 Elevation Limitations

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

5.5 Lighting

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

5.6 Sunlight

Avoid installing the machine in direct sunlight. Direct sunlight has adverse effects on toner consistency and image quality. If direct sunlight is unavoidable, use curtains to shade the machine. 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 C7010VPS
Type	Console
Drum	Photosensitive OPC Drum x 4
Color Supported	Full Color
Engine Resolution	Up to 1,200 dpi x 1,200 dpi
Reading Resolution	Up to 600 dpi x 600 dpi
Number of Gradations	256
Memory	1.5 GB (standard)
Hard Disk	80 GB x 2
Paper Size/Weight/Type	Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Irregular 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 120 lb cover (60 to 325 g/m ²) Thickness: Fewer than 350 µm Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum
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 33 seconds
Maximum Imageable Area	12.7" x 19" (323 mm x 482.7 mm) ^{*1}
Front-to-Back Registration Tolerance	Active Registration: Up to ± 0.5 mm Tolerance simplex/first side duplex printing: Up to ±0.5 mm in feed direction and cross-feed direction Tolerance second side automatic duplex printing: Up to ±0.5 mm in feed direction and cross-feed direction Front-to-back alignment can vary up to a maximum of 1 mm in feed direction, 1 mm in cross-feed direction, and 1.4 mm diagonally.

*1 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 Stack Bypass-A1)	13" x 19" Approximately 33.6 sheets/minute (16 lb bond to 80 lb cover (60 to 209 g/m ²)) Approximately 31.3 sheets/minute (80 to 120 lb cover (210 to 325 g/m ²))
	12" x 18" Approximately 35.7 sheets/minute (16 lb bond to 80 lb cover (60 to 209 g/m ²)) Approximately 33.1 sheets/minute (80 to 120 lb cover (210 to 325 g/m ²))
	11" x 17" Approximately 37.6 sheets/minute (16 lb bond to 80 lb cover (60 to 209 g/m ²)) Approximately 35.0 sheets/minute (80 to 120 lb cover (210 to 325 g/m ²))
	LGL Approximately 41.8 sheets/minute (16 to 28 lb bond (60 to 105 g/m ²)) Approximately 33.3 sheets/minute (28 lb bond to 63 lb cover (106 to 170 g/m ²)) Approximately 25.1 sheets/minute (63 to 120 lb cover (171 to 325 g/m ²))
	LTR Approximately 70.0 sheets/minute (16 lb bond to 120 lb cover (60 to 325 g/m ²))
	LTRR Approximately 53.2 sheets/minute (16 to 28 lb bond (60 to 105 g/m ²)) Approximately 42.4 sheets/minute (28 lb bond to 63 lb cover (106 to 170 g/m ²)) Approximately 31.9 sheets/minute (63 to 120 lb cover (171 to 325 g/m ²))
	EXEC Approximately 71.6 sheets/minute (16 lb bond to 63 lb cover (60 to 170 g/m ²)) Approximately 61.1 sheets/minute (63 to 120 lb cover (171 to 325 g/m ²))
	The copy/print speeds above may not be achieved if the user copies/prints in the conditions below: <ul style="list-style-type: none"> • 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. • If a saddle stitched booklet is created using one or two sheets • If paper whose length of the feeding direction is 18" (457.2 mm) or more is used, while creating a saddle stitched booklet.
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)
Maximum Power Consumption	Maximum: Approximately 8.5 kW In Sleep Mode: Approximately 187 W (including the PRISMAsync controller, operation panel, and attention light)
Noise	Printing: Approximately 82 dB Standby: Approximately 75.7 dB
Dimensions (H x W x D)	Without Operation Panel: 52 3/8" x 101 7/8" x 45 3/8" (1,330 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)

Main Unit Table Continued

Item	Specifications
Installation Space (W x D)	<p>101 7/8" x 45 3/8" (2,586 mm x 1,152 mm) (main unit only)</p> <p>182 5/8" x 45 3/8" (4,638 mm x 1,152 mm) (when the optional POD Deck-A1 and Saddle Finisher-AJ2 are attached)</p> <p>111 1/4" x 73 3/8" (2,826 mm x 1,862 mm) (when clearing paper jams, main unit only)</p> <p>201 1/4" x 73 3/8" (5,111 mm x 1,862 mm) (when clearing paper jams, and when the optional POD Deck-A1 and Saddle Finisher-AJ2 are attached)</p>
Altitude	13,123' (4,000 m (607.8 hPa)) maximum
Temperature while in Use	68 to 80.6°F (20 to 27°C)
Humidity	30 to 70% RH

6.2 PRISMAsync Controller

Item	Specifications
Server Type	External
Operating System	Windows XP SP3
Processor	Intel QuadCore i7
GPU	nVidia GeForce GTS450
Memory	4 GB
Hard Disk	3 x 3.5" SATA II, 250 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	Adobe PostScript 3 (3019), PDF 1.7, Extension Level 3 (for Acrobat 9); PDF-X, Optimized PS, Optimized PDF
Print Drivers	<ul style="list-style-type: none"> Windows Vista, Windows 7 (32- and 64-bit) Macintosh OS X 10.4, 10.5, 10.6 (32-bit) PPD
Protocols	SNMP v1, v2c, and v3, Host resources MIB, System Group MIB II, Printer MIB, Job Monitor MIB, LDAP
Fonts	<p>136 Type 1 fonts for Roman languages</p> <p>User import of PS fonts via the Settings Editor</p> <p>Optional Adobe Asian fonts:</p> <ul style="list-style-type: none"> Japanese: 5 Morisawa fonts (no Heisel fonts) Chinese: 2 fonts for simplified Chinese, 1 font for traditional Chinese Korean: 1 font for Korean
Spot Color Libraries	HKS K, HKS K 3000+, HKS N, HKS N 3000+ Pantone Goe (Uncoated/Coated), Pantone+ Solid (Uncoated/Coated)

PRISMAsync 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" 16.9" (420 mm x 200 mm x 430 mm)
Weight	Approximately 35 lb (16 kg)
Security	E-Shredding, HTTPS, SNMP v3 Password protection per user role (key operator, system administrator, service technician)
Languages	American English, British English, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Japanese
Options	Remote Viewer License, Asian font sets: Korean, Japanese, Simplified Chinese, Traditional Chinese

6.2.1 USB Stick

Item		Specifications					
USB Connection Speed		USB 2.0 High-Speed certified, USB 1.1 backward compatible					
USB Stick Size		≥ 2 GB, 4 GB is 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.* ¹					
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* ²		<ul style="list-style-type: none"> • OCZ ATV – Supplier Ref#: OCZUSBATVxG*³ • Corsair Flash Voyager GT – Supplier Ref#: CMFUSB2.0-16GBGT • Patriot Xporter XT Boost – Supplier Ref#: PEFxGUSB*³ 					
Minimum Manufacturer Warranty		5 years					

*¹ 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.

*² USB sticks that have not been tested cannot be used.

*³ "x" is the size of the USB stick (e.g., OCZUSBATV4G = 4 GB USB stick).

6.3 Color Image Reader-H1

Item	Specifications
Type	Flatbed
Image Sensor	CCD
Resolution for Reading	Up to 600 dpi x 600 dpi
Acceptable Originals	Sheet, book, three dimensional objects (up to 4.4 lb (2 kg))
Paper Sizes	11" x 17", LGL, LTR, LTRR, STMT, STMTR, or EXEC
Power Source/ Consumption	From the main unit. 140 W maximum
Dimensions (H x W x D)	4 1/8" x 28 7/8" x 23 1/2" (105 mm x 732 mm x 595 mm) (excluding the document feeder)
Weight	Approximately 38.5 lb (17.5 kg) (excluding the document feeder)

6.4 Feeder (DADF-R1)

Item	Specifications
Original Feeding Mechanism	Automatic Document Feeder
Size and Weight of Originals	<p>Original Supply Tray: 11" x 17", LGL, LTR, LTRR, or STMT (STMT originals cannot be placed horizontally (STMTR).) 1-sided scanning: 13 to 57 lb bond (50 to 216 g/m²) 2-sided scanning: 13 to 57 lb bond (50 to 216 g/m²) for LTR, and 13 to 53 lb bond (50 to 200 g/m²) for 11" x 17", LGL, and LTRR</p> <p>SADF Tray: 11" x 17", LGL, LTR, LTRR, or STMT (STMT originals cannot be placed horizontally (STMTR).) 10 to 57 lb bond (38 to 216 g/m²)</p>
Original Tray Capacity	<p>Original Supply Tray: 100 sheets (20 lb bond (80 g/m²))</p> <p>SADF Tray: 1 sheet</p>
Original Replacement Speed	<p>Copying: 50 sheets/minute (LTR)</p> <p>Scanning: 80 sheets/minute^{*1} maximum (LTR at 300 dpi)</p> <p>^{*1} The original replacement speed may vary, depending on the scanning mode and original type.</p>
Scan Speed	<p>Scan to file: Simplex: 25 ipm, Duplex: 15 ipm</p> <p>Copy: First Set Simplex: 25 ipm, Duplex: 15 ipm Following Sets: Output at full engine speed</p>
Power Source/Consumption	From the main unit. 100 W maximum
Dimensions (H x W x D)/Weight	<p>5 5/8" x 25 1/2" x 22 1/2" (143 mm x 646 mm x 570 mm)</p> <p>Approximately 48.5 lb (22 kg) (excluding the output tray)</p>

6.5 POD Deck-A1/Secondary POD Deck-A1

Item	Specifications
Paper Size/Weight/Type	<p>Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Irregular 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))</p> <p>Weight: 16 lb bond to 120 lb cover (60 to 325 g/m²)</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated, Texture Paper, Vellum</p>
Paper Deck Capacity	<p>Upper and Middle Decks: 1,000 sheets x 2 paper decks (20 lb bond (80 g/m²))</p> <p>Lower Deck: 2,000 sheets x 1 paper deck (20 lb bond (80 g/m²))</p>
Power Source	<p>POD Deck-A1: 200 to 208 V AC, 50/60 Hz, 6 A</p> <p>Secondary POD Deck-A1: From POD Deck-A1 (200 to 240 V AC, 50/60 Hz, 2.8 A)</p>
Maximum Power Consumption	<p>POD Deck-A1 Only: 750 W</p> <p>POD Deck-A1 + Secondary POD Deck-A1: 1,380 W</p>
Dimensions (H x W x D)/Weight	<p>POD Deck-A1 Only: 43 1/8" x 38 5/8" x 31 1/4" (1,095 mm x 982 mm x 792 mm) (including the escape tray) Approximately 551 lb (250 kg)</p> <p>POD Deck-A1 + Secondary POD Deck-A1: 43 1/8" x 70 5/8" x 31 1/4" (1,095 mm x 1,793 mm x 792 mm) (including the escape tray) Approximately 1,058 lb (480 kg)</p>

6.6 Paper Deck-AC1

Item	Specifications
Paper Size/Weight/Type	<p>Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, or LTRR</p> <p>Weight: 17 lb bond to 110 lb cover (64 to 300 g/m²)</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated, Texture Paper, Vellum</p>
Paper Deck Capacity	3,500 sheets (20 lb bond (80 g/m ²))
Power Source	From the main unit.
Maximum Power Consumption	280 W (including the deck heater)
Dimensions (H x W x D)/Weight	<p>22 1/2" x 23 5/8" x 24 1/2" (570 mm x 601 mm x 621 mm)</p> <p>Approximately 112.4 lb (51 kg)</p>

6.7 Stack Bypass-A1

Item	Specifications
Paper Size/Weight/Type	<p>Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC, and Irregular Size (5 31/64" x 7 1/8" to 13" x 19 13/64" (139.7 mm x 182 mm to 330.2 mm x 487.7 mm))</p> <p>Weight: 17 lb bond to 140 lb index (64 to 256 g/m²)</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated^{*1}, Texture Paper, Vellum</p>
Paper Capacity	100 sheets (20 lb bond (80 g/m ²))

*1 Place coated paper one sheet at a time into the stack bypass.

6.8 Tab Feeding Attachment-C1

Item	Specifications
Paper Size	LTR
Paper Capacity	300 to 400 sheets (27 lb bond (100 g/m ²)) (or 1 3/4" (45 mm) in height)
Paper Holder Size	10 5/8" (270 mm)
Dimensions (H x W x D)/ Weight	4 3/4" x 10 7/8" 14 5/32" (121 mm x 277 mm x 360 mm) Approximately 2.6 lb (1.2 kg)

6.9 Professional Puncher-B1 and Professional Puncher Integration Unit-A1

Item	Specifications
Paper Size	LTR, Tab Paper (9" x 11")
Paper Weight	The paper weight and paper stocks differ, depending on the selected die set. Plain Paper: 20 lb bond to 80 lb cover (75 to 216 g/m ²) Coated Paper: 32 lb bond to 80 lb cover (120 to 216 g/m ²)
Paper Type	Thin, Plain, Heavy, Recycled, Color, Bond, Tab Paper, Coated, Texture, and Vellum
Punch Patterns	Plastic Comb Binding (19 holes), Twin Loop Binding (32 holes), Twin Loop Binding (21 holes), Color Coil Binding (44 holes), Velo Bind (11 holes), Loose-Leaf Binding (3 holes), Loose-Leaf Binding (5 holes), ProClick Binding (32 holes)
Waste Tray Capacity	Varies by die set type. 25,000 sheets maximum (3-hole die set, 20 lb bond (80 g/m ²))
Power Source	120 to 127 V AC, 60 Hz, 5.5 A
Maximum Power Consumption	Professional Puncher-B1: 310 W Professional Puncher Integration Unit-A1: 130 W
Dimensions (H x W x D)/ Weight	41" x 22" x 31 1/2" (1,040 mm x 560 mm x 800 mm) Approximately 258 lb (117 kg)

6.10 Finisher-AJ1

Item	Specifications
Paper Size/Weight/Type	<p>Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC, and Irregular Size (5 31/64" x 7 1/8" to 13" x 19 13/64" (139.7 mm x 182 mm to 330.2 mm x 487.7 mm))</p> <p>Weight: 16 lb bond to 120 lb cover (60 to 325 g/m²)</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum</p>
Capacity Per Tray	<p>No Collating Mode</p> <p>Tray A:</p> <p>If the High Volume Stack Mode is set to 'Off': 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>If the High Volume Stack Mode is set to 'On': (The maximum stack volume may vary, depending on the paper type.) LTR, LTRR, STMTR, EXEC: 3,000 sheets (or 16 5/8" (423 mm) in height) 11" x 17", LGL: 1,500 sheets (or 8 1/2" (216 mm) in height)</p> <p>Tray B:</p> <p>LTR, LTRR, EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 13" x 19", 12" x 18", 11" x 17", LGL: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>Collate or Group Mode</p> <p>Tray A:</p> <p>If the High Volume Stack Mode is set to 'Off': 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>If the High Volume Stack Mode is set to 'On': (The maximum stack volume may vary, depending on the paper type.) LTR, LTRR, STMTR, EXEC: 3,000 sheets (or 16 5/8" (423 mm) in height) 11" x 17", LGL: 1,500 sheets (or 8 1/2" (216 mm) in height)</p> <p>Tray B:</p> <p>LTR, LTRR, EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 12" x 18", 11" x 17", LGL: 1,000 sheets (or 5 3/4" (147 mm) in height)</p>

Finisher-AJ1 Table Continued

Item	Specifications
Capacity Per Tray Continued	Staple Mode
	Tray A:
	11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)
	Tray B:
	LTR, LTRR, EXEC: 2,000 sheets/100 sets (or 11 1/4" (285 mm) in height) 11" x 17", LGL: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)
	No Collating Mode with Different Paper Sizes:
	Tray A:
	Regardless of the High Volume Stack Mode:
	13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B:
	13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Collate or Group Mode with Different Paper Sizes:
	Tray A:
	Regardless of the High Volume Stack Mode:
	12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B:
	12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Staple Mode with Different Paper Sizes:
	Tray A:
	11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)
	Tray B:
	11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)

Finisher-AJ1 Table Continued

Item	Specifications
Max. Stapling Capacity/Available Staple Size	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 100 sheets (20 lb bond (80 g/m²)) or Heavy paper stacked less than 1/2" (11 mm) high 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (110 lb cover (300 g/m²))</p> <p>11" x 17", LGL, LTRR: 50 sheets (20 lb bond (80 g/m²)) or Heavy paper stacked less than 1/4" (5.5 mm) high 48 sheets (20 lb bond (80 g/m²)) + 2 sheets (110 lb cover (300 g/m²))</p> <p>Corner Stapling: 11" x 17", LGL, LTR, LTRR, EXEC Double Stapling: 11" x 17", LGL, LTR, LTRR, EXEC</p>
Power Source	120 to 127 V AC, 60 Hz, 8 A
Maximum Power Consumption	450 W
Dimensions (H x W x D)/Weight	<p>46 1/2" x 31 1/2" (35"^{*1}) x 31 1/4" (1,180 mm x 800 mm (890 mm^{*1}) x 792 mm) Approximately 286.6 lb (130 kg)</p> <p>^{*1} When the extension tray is pulled out.</p>

6.11 Saddle Finisher-AJ2

Item	Specifications
Paper Size/Weight/Type	<p>Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC, and Irregular Size (5 31/64" x 7 1/8" to 13" x 19 13/64" (139.7 mm x 182 mm to 330.2 mm x 487.7 mm))</p> <p>Weight: 16 lb bond to 120 lb cover (60 to 325 g/m²)</p> <p>Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum</p>
Capacity Per Tray	<p>No Collating Mode</p> <p>Tray A:</p> <p>If the High Volume Stack Mode is set to 'Off': 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>If the High Volume Stack Mode is set to 'On': (The maximum stack volume may vary, depending on the paper type.) (When the optional Booklet Trimmer-D1/optional Booklet Trimmer-D1 and Two-Knife Booklet Trimmer-A1 are attached, the High Volume Stack Mode is not available.) LTR, LTRR, STMTR, EXEC: 3,000 sheets (or 16 5/8" (423 mm) in height) 11" x 17", LGL: 1,500 sheets (or 8 1/2" (216 mm) in height)</p> <p>Tray B:</p> <p>LTR, LTRR, EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 13" x 19", 12" x 18", 11" x 17", LGL: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>Collate or Group Mode</p> <p>Tray A:</p> <p>If the High Volume Stack Mode is set to 'Off': 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)</p> <p>If the High Volume Stack Mode is set to 'On': (The maximum stack volume may vary, depending on the paper type.) LTR, LTRR, STMTR, EXEC: 3,000 sheets (or 16 5/8" (423 mm) in height) 11" x 17", LGL: 1,500 sheets (or 8 1/2" (216 mm) in height)</p> <p>Tray B:</p> <p>LTR, LTRR, EXEC: 2,000 sheets (or 11 1/4" (285 mm) in height) 12" x 18", 11" x 17", LGL: 1,000 sheets (or 5 3/4" (147 mm) in height)</p>

Saddle Finisher-AJ2 Table Continued

Item	Specifications
Capacity Per Tray Continued	Staple Mode
	Tray A: (When the optional Booklet Trimmer-D1/optional Booklet Trimmer-D1 and Two-Knife Booklet Trimmer-A1 are attached, stapled output cannot be sorted to Tray A.)
	11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)
	Tray B:
	LTR, LTRR, EXEC: 2,000 sheets/100 sets (or 11 1/4" (285 mm) in height) 11" x 17", LGL: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)
	No Collating Mode with Different Paper Sizes:
	Tray A:
	Regardless of the High Volume Stack Mode:
	13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B:
	13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Collate or Group Mode with Different Paper Sizes:
	Tray A:
	Regardless of the High Volume Stack Mode:
	12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Tray B:
	12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets (or 5 3/4" (147 mm) in height)
	Staple Mode with Different Paper Sizes:
	Tray A:
	11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)
	Tray B:
	11" x 17", LGL, LTR, LTRR, EXEC: 1,000 sheets/100 sets (or 5 3/4" (147 mm) in height)

Saddle Finisher-AJ2 Table Continued

Item	Specifications
Max. Stapling Capacity/Available Staple Size	<p>When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.)</p> <p>LTR, EXEC: 100 sheets (20 lb bond (80 g/m²)) or Heavy paper stacked less than 1/2" (11 mm) high 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (110 lb cover (300 g/m²))</p> <p>11" x 17", LGL, LTRR: 50 sheets (20 lb bond (80 g/m²)) or Heavy paper stacked less than 1/4" (5.5 mm) high 48 sheets (20 lb bond (80 g/m²)) + 2 sheets (110 lb cover (300 g/m²))</p> <p>Corner Stapling: 11" x 17", LGL, LTR, LTRR, EXEC Double Stapling: 11" x 17", LGL, LTR, LTRR, EXEC</p>
Available Saddle Stitch Capacity/Size	<p>Saddle stitch: 25 sheets (20 lb bond (80 g/m²)) Saddle fold: 5 sheets (20 lb bond (80 g/m²)) Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTRR, and Irregular Size (8 1/4" x 11" to 13" x 19 13/64" (210 mm x 279.4 mm to 330.2 mm x 487.7 mm))</p> <p>Weight of cover sheet: (17 lb bond to 110 lb cover (64 to 300 g/m²)) (The available number of sheets for saddle stitching may decrease, depending on the paper weight or paper type.)</p>
Power Source	120 to 127 V AC, 60 Hz, 8 A
Maximum Power Consumption	450 W
Dimensions (H x W x D)/Weight	<p>46 1/2" x 31 1/2" (41 3/4"^{*1}) x 31 1/4" (1,180 mm x 800 mm (1,060 mm^{*1}) x 792 mm) Approximately 396.8 lb (180 kg)</p> <p>^{*1} When the auxiliary booklet tray is pulled out.</p>

6.12 Puncher Unit-BB1

Item	Specifications
Paper Size/Weight/Type	Size: 11" x 17", LGL ^{*1} , LTR, LTRR ^{*1} , or EXEC Weight: 16 lb bond to 73 lb cover (60 to 200 g/m ²) Type: Thin, Plain, Heavy, Recycled, Color, Bond Paper, Tab Paper, Coated, Texture Paper *1 For two holes only.
Punch Hole Quantity, Hole Diameter	Two holes: 3/8" (8 mm) Three holes: 3/8" (8 mm)
Distance between Punch Holes	Two holes: 2 3/4" (70 mm) Three holes: 4 1/4" (108 mm)
Paper Size in Which Holes Can be Punched	Two holes: LGL and LTRR Three holes: 11" x 17" and LTR
Punch Waste Tray Capacity	When approximately 6,000 ^{*1} sheets of paper have been punched. *1 This number may vary, depending on the surrounding environment, paper type, and paper weight.
Power Source	From the finisher.
Weight	Approximately 6.6 lb (3 kg) inside the finisher

6.13 Document Insertion Unit-C1

Item	Specifications
Paper Size/Weight/Type	Upper Tray: LTR, LTRR, EXEC, and Irregular Size (7 1/8" x 7 1/8" to 11 11/16" x 13" (182 mm x 182 mm to 297 mm x 330.2 mm)) Lower Tray: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Irregular 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 110 lb cover (60 to 300 g/m ²) Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Coated, Texture Paper, Vellum
Paper Capacity	Upper Tray: 200 sheets (20 lb bond (80 g/m ²)) Lower Tray: 200 sheets (20 lb bond (80 g/m ²))
Power Source/Maximum Power Consumption	From the finisher. 72 W
Dimensions (H x W x D)/Weight	8 3/8" x 24 5/8" x 26 1/4" (213 mm x 625 mm x 667 mm) Approximately 37.4 lb (17 kg)

6.14 High Capacity Stacker-C1

Item	Specifications
Paper Size	Stack Tray: 11" x 17", 12" x 18", 13" x 19", LGL, LTR, LTRR, EXEC, Tab Paper (LTR) ^{*1} , and Irregular Size (8 1/2" x 7 1/8" to 13" x 19 13/64" (216 mm x 182 mm to 330.2 mm x 487.7 mm)) Proof Tray: 11" x 17", 12" x 18", 13" x 19", LGL, LTR, LTRR, EXEC, STMTR, Post Card, Tab Paper (LTR), and Irregular Size (5 1/2" x 7 1/8" to 13" x 19 13/64" (139.7 mm x 182 mm to 330.2 mm x 487.7 mm))
Paper Capacity	6,000 sheets maximum
Number of Trays	2 trays
Tray Capacity	Proof Tray: 1,000 sheets Stack Tray: 5,000 sheets ^{*2}
Paper Size/Weight	Size: 13" x 19.2" maximum Weight: 16 lb bond to 120 lb cover (60 to 325 g/m ²)
Stacking Modes	Straight, Offset
Power Source	120 to 127 V, 50/60 Hz, 7 A
Maximum Power Consumption	300 W
Dimensions (H x W x D)/ Weight	48 7/8" x 33 7/8" x 30 1/8" (1,240 mm x 860 mm x 765 mm) Approximately 478.5 lb (217 kg)

*1 Outputting tab paper to the High Capacity Stacker's Proof Tray may improve stacking performance.

*2 The maximum stack capacity may differ, depending on the content or paper type. The maximum stack capacity is limited to 2,000 sheets when EXEC paper is used.

6.15 High Capacity Stacker-F1

Item	Specifications
Paper Size	Top Tray, Stack Tray, Eject Tray: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC, EXECR, Custom Size: 5 1/2" x 7 1/8" to 13" x 19 13/64" (140 mm x 182 mm to 330.2 mm x 487.7 mm)
Paper Weight	14 lb bond to 120 lb cover (50 to 325 g/m ²)
Tray Capacity	Top Tray: 200 sheets (20 lb bond (80 g/m ²)) or stacked up to 0.8" (20 mm) Stack Tray (Internal): 3,000 sheets (20 lb bond (80 g/m ²)) or stacked up to 14" (355 mm) Eject Tray (External): 3,000 sheets (20 lb bond (80 g/m ²)) or stacked up to 14" (355 mm)
Stacking Modes	Straight, Offset
Power Source	120 to 127 V, 60 Hz, 10 A, NEMA 5-15
Maximum Power Consumption	300 W
Dimensions (W x D x H)	35.4" x 29.3" x 40.9" (899 mm x 745 mm x 1,040 mm) 35.4" x 49.2" x 40.9" (899 mm x 745 mm x 1,250 mm) (When the eject tray is extended)
Weight	Approximately 264.6 lb (120 kg)

6.16 Booklet Trimmer-D1

Item	Specifications
Margin Trimming Method	Upper knife reciprocating fore-edge
Trim Amount	0.08" to 0.78" (2 mm to 20 mm)
Maximum Number of Sheets^{*1}	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	13" x 19.2", 12" x 18", 11" x 17", LGL, LTRR
Acceptable Paper Weights	16 lb bond to 120 lb cover (60 to 325 g/m ²)
Booklet Waste Tray Capacity	1,500 sheets of trimmed strips (width 0.78" (20 mm), LTR paper (20 lb bond (80 g/m ²))
Conveyor Capacity	Conveyor belt - 30 booklets (or 40 sheets of an LTR booklet (20 lb bond (80 g/m ²))
Power Source	From the finisher.
Maximum Power Consumption	300 W
Dimensions (H x W x D)/ Weight	41" x 62" x 30 3/8" (1,040 mm x 1,575 mm x 770 mm) (without conveyor and delivery tray) Approximately 335 lb (152 kg)

*1 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.

6.17 Two-Knife Booklet Trimmer-A1

Item	Specifications
Margin Trimming Method	Upper knife, reciprocating top-bottom
Maximum Number of Sheets ^{*1}	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	13" x 19.2", 12" x 18", 11" x 17", LGL, LTRR
Acceptable Paper Weights	16 lb bond to 120 lb cover (60 to 325 g/m ²)
Trimming Width	Top-bottom: 0.08" to 0.59" (2 mm to 15 mm) Minimum width of booklet in top and bottom directions: 7.48" (190 mm)
Trim Box Capacity	1,500 sheets of trimmed strips (width 0.59" (15 mm), LTR paper (20 lb bond (80 g/m ²)))
Conveyor Capacity ^{*2}	Conveyor belt - 30 booklets (or 40 sheets of an LTR booklet (20 lb bond (80 g/m ²)))
Power Source	120 to 127 V AC, 50/60 Hz, 4 A
Maximum Power Consumption	440 W
Dimensions (H x W x D)/ Weight	41" x 21.1" x 30.4" (1,040 mm x 536 mm x 770 mm) (without conveyor and delivery trays) Approximately 319 lb (145 kg) (without conveyor and delivery trays)

*1 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.

*2 The Two-Knife Booklet Trimmer-A1 does not come with a conveyor tray. It can only be used with the optional Booklet Trimmer-D1's conveyor tray. Therefore, the conveyor capacity is the same as the booklet trimmer's conveyor tray.

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

Item	Specifications
Input Accessory	Booklet Trimmer-D1 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)	51" x 62.3" x 51.1" (1,295 mm x 1,582 mm x 1,298 mm) (with the conveyor tray fully 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.

6.19 Perfect Binder-B1

Item	Specifications
Binding Method	Hot glue at spine with wraparound cover
Cutting Method	Stack rotation 3-direction or 1-direction (fore-edge) cutting No cutting is also available.
Booklet Thickness	Approximately 0.1" to 1" (1 mm to 25 mm) (not including covers)
Booklet Size (after 3-direction cutting)*¹	Width: ^{*2} 8" to 11.7" (203 mm to 297 mm) Length: 5.4" to 8.5" (138 mm to 216 mm)
Cutting Range*¹	Width: ^{*2} 0.6" to 3.06" (13 mm to 79 mm) Length: 0.3" to 1.9" (6.5 mm to 49.5 mm)
Cover Sheet Size	Width: ^{*2} 10.1" to 13" (257 mm to 330.2 mm) Length: 14.4" to 19.2" (364 mm to 487.7 mm)
Body/Slip Sheet Size*¹	Width: ^{*2} 10.1" to 12.6" (257 mm to 320 mm) Length: 7.2" to 9" (182 mm to 228.6 mm)
Paper Weight	Body: 16 to 43 lb bond (60 to 163 g/m ²) Cover: ^{*3} 24 to 80 lb bond (90 to 300 g/m ²)
Maximum Binding Capacity	16 lb bond (60 g/m ²): 30 to 200 sheets 17 to 20 lb bond (64 to 80 g/m ²): 10 to 200 sheets 20 to 28 lb bond (81 to 105 g/m ²): 10 to 150 sheets 28 to 43 lb bond (106 to 163 g/m ²): 1 to 10 sheets (slip sheet only)
Margin Trimming	Three Sides or No Trimming Side: 0.26" x 1.9" (6.5 mm x 49.5 mm) Top/Bottom: 0.26" x 1.5" (6.5 mm x 39.5 mm)
Paper that Can Go through the Binder/Pass-Through Transfer Section	Size: Depends on the printer specifications Weight: 16 lb bond to 120 lb cover (60 to 325 g/m ²)
Glue Capacity	Approximately 0.8 lb (380 grams) (This is enough for approximately 135 booklets when binding 100 sheets of LTR-size booklets of 17 lb bond (64 g/m ²) paper.)
Trimmer Waste Unit Capacity	When binding 100 LTR sheets and cutting them to B5 (6.9" x 9.8" (176 mm x 250 mm)), there is space for the cuttings from approximately 15 booklets.
Tray Capacity	Approximately 5" (127 mm) (This is equivalent to: 10 booklets of 100 body/slip sheets (17 lb bond (64 g/m ²)) + one cover sheet (34 lb bond (128 g/m ²)), or approximately 1,000 sheets of paper total.)
Warm Up Time	Fewer than 7 minutes
Power Source	208 V, 60 Hz, 2.6 A
Maximum Power Consumption	623 W
Dimensions (H x W x D) with Insertor	53.5" x 36.3" x 31.1" (1,360 mm x 922 mm x 791 mm) (including the document insertion unit)
Weight	Approximately 697 lb (316 kg)

*¹ The width can be adjusted in the range of $\pm 0.03"$ (± 1 mm), and the length can be adjusted in the range of $\pm 0.01"$ (± 0.5 mm).

*² The width refers to the feeding edge of the paper.

*³ Use grain short paper for the cover if the paper weight is 67 lb bond (251 g/m²) or higher.

7. System Options and Software

The functionality of the imagePRESS C7010VPS 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 Remote Viewer

The Remote Viewer license enables users to access the status window of the machine remotely from any computer on the same network. The remote information that is provided includes:

- The current machine status.
- A fixed timeline of up to 30 minutes with a moving bar below it that shows the time left for all print jobs to complete.

7.2 Asian Font Sets

The Asian Font Sets provide up to five Asian fonts, such as Korean, Traditional Chinese, Simplified Chinese, and Japanese.

7.3 PRISMAaccess

The optional PRISMAaccess software enables users to manage print jobs from print submission to finishing, as well as maintain control over print costs via online PDF previews, cost estimation, cost quotation, and budget approval. With PRISMAaccess, users can also link to PRISMAprepare, link to all production printers, and link to a local reprint archive.

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 C7010VPS 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.

Description	Estimated Time
Main Unit	130 minutes
PRISMAsync Controller	15 minutes
Operation Panel	15 minutes
Operator Attention Light	5 minutes
POD Deck-A1	35 minutes
Secondary POD Deck-A1	50 minutes
Paper Deck-AC1	15 minutes
High Capacity Stacker-C1	30 minutes
High Capacity Stacker-F1	60 minutes
Finisher-AJ1/Saddle Finisher-AJ2	15 minutes
Professional Puncher-B1 + Professional Puncher Integration Unit-A1	15 minutes
Booklet Trimmer-D1	30 minutes
Color Image Reader-H1	50 minutes
DADF-R1	20 minutes
Document Insertion Unit-C1	20 minutes
Stack Bypass-A1	15 minutes
Puncher Unit-BB1	25 minutes
Two-Knife Booklet Trimmer-A1	10 minutes
Perfect Binder-B1	60 minutes
SDD Square Fold Booklet-Maker + Two-Knife Trimmer	120 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 C7010VPS the ability to perform proactive maintenance and self-service on their machine.

The Operator Maintenance mode is embedded in the PRISMAsync controller, 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	30% to 70%
Optimal Performance Range Per Month	70,000 to 300,000 ^{*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 LTR size paper. Using paper larger than LTR 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.

Toner

Item	Part Number	Quantity	Estimated Yield (LTR @ 10% Image Ratio) (Copies/Prints)	Estimated Yield (LTR @ 12% Image Ratio) (Copies/Prints)	Remarks
IPQ-2 Black Toner	0436B003AA	1	35,500	30,000	8.75% image ratio: Approx. 40,000 ^{*1} sheets
IPQ-2 Cyan Toner	0437B003AA	1	35,500	30,000	
IPQ-2 Magenta Toner	0438B003AA	1	35,500	30,000	
IPQ-2 Yellow Toner	0439B003AA	1	35,500	30,000	

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

Starter Toner

Item	Part Number	Quantity	Estimated Yield (LTR) (Copies/Prints)	Estimated Yield (11" x 17" @ 80%) (Copies/Prints)	Estimated Yield (11" x 17" @ 50%) (Copies/Prints)
Black Starter (Developer)	0440B001AA	1	750,000	416,667	500,000
Cyan Starter (Developer)	0441B001AA	1	750,000	416,667	500,000
Magenta Starter (Developer)	0442B001AA	1	250,000	138,889	166,667
Yellow Starter (Developer)	0443B001AA	1	750,000	416,667	500,000

11. Toner Container and Hopper Unit Yields

A toner container holds approximately 1,700 grams of toner, and will yield approximately 30,000 impressions at 12% coverage.

The hopper unit holds approximately 2,000 grams, and will yield approximately 40,000 impressions at 8.75% coverage.

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 60,000 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 20,000 sheets of LTR paper). When the waste toner buffer becomes full, the imagePRESS C7010VPS 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)	Approximately 1,000,000 sheets (LTR)
Printer ^{*1}	Approximately 18,000,000 sheets (LTR) ^{*2} or 5 years, whichever is earlier
Stack Bypass-A1 (Optional)	Approximately 1,000,000 sheets (LTR)
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 18 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. 25.

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.	70,000 to 300,000
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.	1,000,000



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 C7010VPS.

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.

Usage Factors	Monthly Print Volume		120,000	80,000	50,000
	Print Volume Over a 5 Year Maintenance Agreement		7,200,000	4,800,000	3,000,000
	Color Ratio		90%		
	Large/Heavy Paper Ratio	CMP ^{*1}	80%		
		CRD ^{*2}	50%		
	Toner Coverage for Each Color		12%		
	Media Type		100% Plain Paper		
Labor	Configuration (Main Unit and Accessories)		<ul style="list-style-type: none"> • Main Unit • PRISMAsync Controller • 1-POD Deck • Saddle Finisher 		
	Work Time ^{*3}		170 Minutes		
	Travel Time ^{*4}		30 Minutes		
Service	Average CBV ^{*5}	CMP ^{*1}	22,600	19,500	16,300
		CRD ^{*2}	29,780	23,800	18,300
	Visit Ratio ^{*6}	CMP ^{*1}	5.3	4.1	3.1
		CRD ^{*2}	4.0	3.4	2.7

*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 C7010VPS is its print speed technology. The imagePRESS C7010VPS maintains print speed regardless of paper weight. A letter-sized sheet of bond paper weighing 16 lb (60 g/m²) will print at 70 ppm. Also, the same sized sheet at 120 lb cover (325 g/m²) will print at 70 ppm.

Most stocks will maintain their speed regardless of their weight. However, a decrease in print speed may be experienced when using heavier weight paper stocks narrower than 8.5" x 11". The fixing rollers cannot disperse the heat uniformly when paper smaller than 11" (LTR and LGL) is run through the machine. This also may cause blistering and image deformity.

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

Paper Size	Paper Weight (g/m ²)	1-Sided (ppm)			2-Sided (ppm)		
		Main Unit w/POD Deck	Side Paper Deck ^{*1}	Stack Bypass	Main Unit w/POD Deck	Side Paper Deck ^{*1}	Stack Bypass
STMTR	60 – 105	N/A	N/A	50.0	N/A	N/A	N/A
	106 – 170	N/A	N/A	50.0	N/A	N/A	N/A
	171 – 325	N/A	N/A	41.3	N/A	N/A	N/A
EXEC	60 – 105	71.6	71.6	50.0	71.6	71.6	50.0
	106 – 170	71.6	71.6	50.0	71.6	71.6	50.0
	171 – 325	61.1	61.1	50.0	61.1	61.1	50.0
LTR	60 – 105	70.0	70.0	50.0	70.0	70.0	50.0
	106 – 170	70.0	70.0	50.0	70.0	70.0	50.0
	171 – 325	70.0	70.0	50.0	70.0	70.0	50.0
EXECR	60 – 105	55.8	N/A	N/A	45.0	N/A	N/A
	106 – 170	44.4	N/A	N/A	44.4	N/A	N/A
	171 – 325	33.4	N/A	N/A	33.4	N/A	N/A
LTRR	60 – 105	53.2	53.2	38.6	45.0	45.0	38.6
	106 – 170	42.4	42.4	38.6	42.4	42.4	38.6
	171 – 325	31.9	31.9	31.9	31.9	31.9	31.9
LGL	60 – 105	41.8	41.8	30.4	41.8	41.8	30.4
	106 – 170	33.3	33.3	30.4	33.3	33.3	30.4
	171 – 325	25.1	25.1	25.1	25.1	25.1	25.1
11" x 17"	60 – 105	37.6	37.6	25.0	37.6	37.6	25.0
	106 – 220	37.6	37.6	25.0	37.6	37.6	25.0
	221 – 325	35.0	35.0	25.0	35.0	35.0	25.0
12" x 18"	60 – 105	35.7	35.7	23.6	35.7	35.7	23.6
	106 – 220	35.7	35.7	23.6	35.7	35.7	23.6
	221 – 325	33.1	33.1	23.6	33.1	33.1	23.6

*1 The paper weight is changed from 60 to 105 g/m² to 64 to 105 g/m², and from 171 to 325 g/m² to 171 to 300 g/m².

Print Speed Table Continued

Paper Size	Paper Weight (g/m ²)	1-Sided (ppm)			2-Sided (ppm)		
		Main Unit w/POD Deck	Side Paper Deck ^{*1}	Stack Bypass	Main Unit w/POD Deck	Side Paper Deck ^{*1}	Stack Bypass
13" x 19"	60 – 105	33.6	33.6	22.4	33.6	33.6	22.4
	106 – 220	33.6	33.6	22.4	33.6	33.6	22.4
	221 – 325	31.3	31.3	22.4	31.3	31.3	22.4
13" x 19.2"	60 – 105	33.3	33.3	22.1	33.3	33.3	22.1
	106 – 220	33.3	33.3	22.1	33.3	33.3	22.1
	221 – 325	31.0	31.0	22.1	31.0	31.0	22.1
LTR-Tab	60 – 105	66.9	N/A	47.8	N/A	N/A	N/A
	106 – 170	66.9	N/A	47.8	N/A	N/A	N/A
	171 – 325	66.9	N/A	47.8	N/A	N/A	N/A

^{*1} The paper weight is changed from 60 to 105 g/m² to 64 to 105 g/m², and from 171 to 325 g/m² to 171 to 300 g/m².



IMPORTANT

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

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

15.3 Mixed Media Productivity

The imagePRESS C7010VPS 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 single and double-sided printing
- Inserting tab paper
- Inserting paper from the Document Insertion Unit-C1
- Using different image magnifications for both sides of a sheet
- The amount of paper in the Paper Deck-AC1 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 Two Hour Unattended Operation

The imagePRESS C7010VPS was designed for true production environments. With its productivity and reliability enhancements and technologies, the machine can run up to two hours with no operator intervention. Before beginning an unattended run, the operator should check the following conditions:

1. The paper decks must be full (2-POD Decks, 2-High Capacity Stackers; any paper weight).
2. Toner coverage area averages 10% for each color.
3. Toner bottles are full.
4. Both stackers are empty.

Any simplex or duplex job may be produced without any operator intervention during the two hours. Also, if a two-sided job on LTR paper (or any larger size paper) is running, only 1-POD Deck-A1 and 1-High Capacity Stacker-C1 are required.

15.5 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 C7010VPS 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 C7010VPS 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 C7010VPS 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.
Type	Set the brand name of the paper.
Size	Select the size of the paper from the drop-down list, including custom size paper.
Width	Specify the width of the custom paper in millimeters or inches.
Length	Specify the length of the custom paper in millimeters or inches.
Tab sheet	Select the check box to use tab paper, and then enter the cycle length (how many tabs in one set).
Insert	Select the check box to use the paper as a sheet insertion, and then enter the cycle length (how many sheet insertions in a set).
Cycle length	Set the value 1 to N. Where “N” is the number of sheets in one cycle. Must specify the cycle length when specifying tab sheets or sheet insertions.
Punch count	Specify how many holes are in the pre-punched paper.
Weight	Specify the weight of the paper in g/m ² or lb.
Color	Specify the color of the paper. This setting acts as an identifier to display the color of the paper on the operation panel.
RGB Color	Specify the RGB color value (0-255) for identification purposes on the operation panel.
Media family	Specify the media family to which the custom paper belongs (e.g., Coated, Uncoated, custom).
Media type	Specify the type of paper (e.g., Vellum, Coated, Textured).
Advanced: Grain direction	Specify the paper's fiber direction (e.g., Horizontal (Short grain) or Vertical (Long grain)).

16.2 Media Specific Adjustments

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

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

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

Setting	Description
Registration: Front and Back	
X shift (mm or inch)	Make a fine adjustment to enable printing with the correct alignment of the image from the leading edge of the paper in the feed direction. (From ± 50 mm in 0.1 mm increments)
Y shift (mm or inch)	Make a fine adjustment to enable printing with the correct alignment of the image from the side edge of the paper perpendicular to the feed direction. (From ± 50 mm in 0.1 mm increments)
X elongation (0.01%)	Make a fine adjustment to the image size in the feed direction. (From $\pm 1\%$ in 0.01% increments)
Y elongation (0.01%)	Make a fine adjustment to the image size perpendicular to the feed direction. (From $\pm 1\%$ in 0.01% increments)
Skew	Make a fine adjustment to the skew tolerance of the image. (From ± 2 in 1 increments)
Back lead edge alignment auto correction	Select the check box to have the machine automatically adjust the back lead edge alignment of the image.
Finishing	
Saddle stitch position adjustment	Make a fine adjustment to the saddle stitch position if the saddle stitch position is slightly offset from the center of the paper in millimeters or inches.(From ± 2.00 mm)
Saddle stitch fold position adjustment	Make a fine adjustment to the saddle stitch fold position if the saddle fold is not exactly in the center of the paper in millimeters or inches. (From ± 2.00 mm)
Punch hole position adjustment	Make a fine adjustment to the hole punch position on the paper in millimeters or inches. (From ± 2.00 mm)

Printer Adjustment Settings Table Continued

Setting	Description
Advanced	
Decurl Output face down Output face up	Make a fine adjustment to the paper curl level when the output is face down or face up in millimeters or inches. (From ± 15 levels)
Gloss adjustment	Make a fine adjustment to the paper gloss. (From ± 2 levels)
Separate	Make an adjustment to the paper separation fan level if feeding or uneven transfer problems from the optional side paper deck occur. (From 1 to 7 levels)
Image clear level adjustment	Improves the ITB's cleaning performance. (From ± 10 levels)
Secondary transfer voltage Front/Back	Make an adjustment to the secondary transfer bias (on the front and back sides of the paper) if any faulty images with uneven densities or color fading appears. (From ± 10 levels)
Trail end white patch correction Front/Back: Threshold/Amount	Make an adjustment to improve the white patch/fading at the trail end of the paper. Threshold: From ± 10 levels Amount: From ± 20 levels

16.3 Print Quality Adjustment Settings

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

The following settings can be adjusted through the Settings Editor > Preferences > System adjustments menu:

- Fixing roller auto refresh level
- Tail end color fading/graininess correction
- Fixing temperature mode switch^{*2}
- Uneven gloss correction
- Color cast correction^{*1}
- White gap correction
- Low temperature environment mode^{*3}

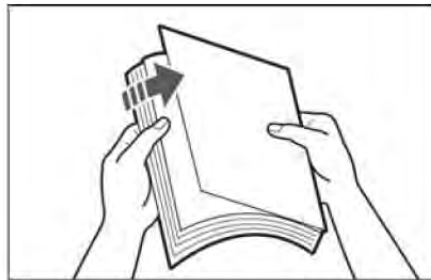
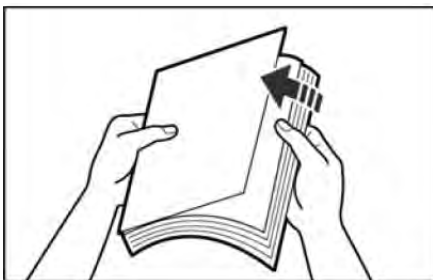
^{*1} Correct color casting per color (Cyan, Magenta, Yellow, and Black).

^{*2} A decrease in productivity may occur if a job contains different paper thicknesses or types. Productivity may be improved by setting the Fixing temperature mode switch setting to one of the Productivity Priority modes.

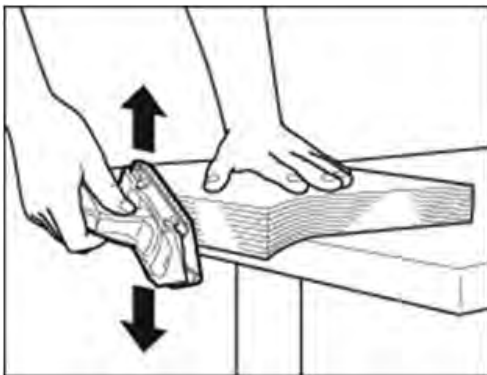
^{*3} If printing on heavy paper in an L/L environment, the fixing for the first 10 or more pages may be insufficient if the pages contain high-density images. Slowing the print speed for a certain duration in a low-temperature environment may improve any fixing issues.

16.4 Paper Handling and Storage

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



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



16.5 Selecting the Correct Media

Canon U.S.A., Inc. publishes a Specialty Media Handling Guide for the imagePRESS C7010VPS's predecessor series, imagePRESS C7000VP 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

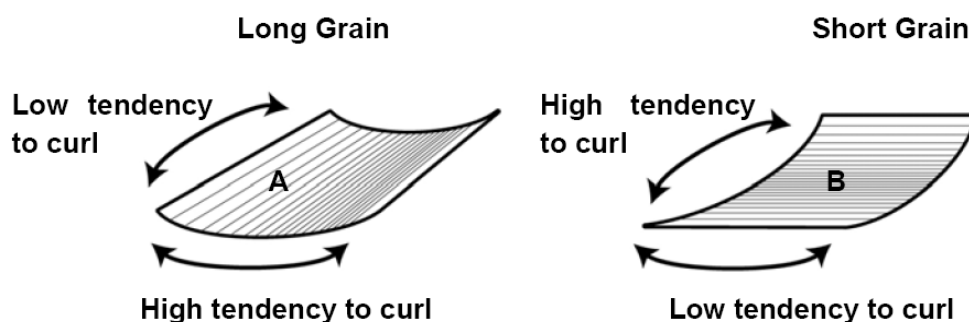
To obtain the Specialty Media Handling Guide, contact a local authorized Canon dealer for details.

16.6 Paper Grain and Curl

Paper grain and curl can dramatically affect the reliability of machines utilizing an electrostatic process like the imagePRESS C7010VPS. 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 C7010VPS, 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/m², we recommend using paper with a grain perpendicular to the feeding direction of the paper.
- If 12 point, 243 g/m² 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. 66.
- 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 Stack Bypass-A1, POD Decks, Paper Deck-AC1, and Document Insertion Unit-C1 are optional.

✓: Available —: Unavailable

Paper Size	Width x Length	Paper Source					
		Paper Decks of the Main Unit	Stack Bypass-A1	POD Deck-A1/Secondary POD Deck-A1	Paper Deck-AC1	Document Insertion Unit-C1 Upper Tray	Document Insertion Unit-C1 Lower Tray
13" x 19"	13" x 19"	✓	✓	✓	✓	—	✓
12" x 18"	12" x 18"	✓	✓	✓	✓	—	✓
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"	✓	✓	✓	—	✓	✓
Irregular Size 1	12" x 7 1/8" to 13" x 19.2" (304.9 mm x 182 mm to 330.2 mm x 487.7 mm)	✓	✓	✓	—	—	✓
Irregular Size 2	7 1/8" x 7 1/8" to 12" x 19.2" (182 mm x 182 mm to 304.8 mm x 487.7 mm)	✓	✓	✓	—	✓ ^{*1}	✓
Irregular Size 3	5 31/64" x 7 1/8" to 7 11/64" to 19.2" (139.7 mm x 182 mm to 181.9 mm to 487.7 mm)	—	✓	—	—	—	—

*1 Only the irregular size (7 1/8" x 7 1/8" to 11 11/16" x 13" (182 mm x 182 mm to 297 mm x 330.2 mm) can be loaded.

17. Responsibility Matrix

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

Action	Responsibility	
	Customer	Dealer
Ensure adequate space and power to properly install machine.		
Verify floor strength and level.		
Ensure that the equipment can be delivered to the site, and that the path is clear and unobstructed.		
Unpack all delivered items.		
Install all system hardware.		
Connect all system components.		
Install printer files and 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 Chapter 11, "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:
