

Canon



imagePRESS
imagePRESS C7010VPS
imagePRESS C6010VPS
imagePRESS C6010S



Service Guide



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imagePRESS C6010S



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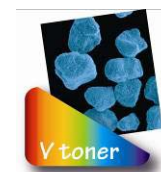
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I. Product Overview and Configuration

A. Overview

The imagePRESS C7010VPS, imagePRESS C6010VPS and imagePRESS C6010S (the imagePRESS C7010VPS Series) are full-scale digital press devices designed to produce high-color image quality and high-productivity. The imagePRESS C7010VPS Series is the first co-developed product between Canon and Océ. These digital press devices integrate the imagePRESS engine and accessories with the Océ PRISMAsync Controller and operation management.

The imagePRESS C7010VPS Series includes the following configurations:

- The **imagePRESS C7010VPS**: a Segment 5 device that prints and copies color and black & white (B&W) sheets at speeds of up to 70 ppm (pages-per-minute).
- The **imagePRESS C6010VPS** and **imagePRESS C6010S**: Segment 4 devices that prints and copies Color and B&W sheets at speeds of up to 60 ppm.

The imagePRESS C7010VPS Series digital presses are intended for:

Facility	imagePRESS		
	C7010VPS	C6010VPS	C6010S
Commercial printers looking to expand their services and revenue opportunities while offering customers exceptional print quality.	✓	✓	
Quick printers and digital printers that want to increase production volume by offering enhanced image quality on a greater variety of paper stocks.	✓	✓	
In-plant Central Reproduction Department (CRD) facilities that need to maintain control over color printing costs, quality, and turnaround time.	✓	✓	
Print-for-pay environments using mainly small size plain uncoated paper		✓	✓

The imagePRESS C7010VPS Series prints images at up to 1,200dpi (dots per inch) x 12,00dpi with 256 halftones resolution.

The imagePRESS C7010VPS Series ships standard with two paper trays with a capacity of up to 1,000 sheets each. The paper trays handle a variety of paper weights (16 lb bond to 120 lb cover) and paper sizes (7.2" x 7.2"¹ up to 13" x 19.2").

In addition to the two standard trays, the imagePRESS C7010VPS Series can also be configured with up to two (2) optional POD Decks that hold up to 4,000 sheets each in three trays (two (2) trays hold up to 1,000 sheets and the third tray holds up to 2,000 sheets). With the addition of two (2)

¹ If the Stack Bypass is installed the minimum page size is 5.5" x 7.2".

POD Decks the imagePRESS C7010VPS Series supports up to 10,000-sheets.



Canon's V Toner is oil-free and utilizes exceptionally small particles that contain micro-dispersed wax, so toner fixes evenly and lays flat, resulting in sharp, vivid, dense images and a smooth finish that looks and feels like offset printing. The higher resolution produces fine images, higher quality characters, smooth corners, cleaner gradient transitions, and the text looks sharper.

Built-in Automatic Press Calibration sets the proper color densities without operator intervention, while Canon's Advanced Developer technology maintains a constant supply of fresh developer to ensure color consistency from side to side, page to page, and job to job. Real-Time Calibration measures color density levels in real-time and automatically makes any necessary adjustments to help ensure that the first print matches the last, and every one in-between.

The imagePRESS C7010VPS Series digital presses are equipped with the ARCnet (Attachable Resource Computer Network) communication cable to connect ARCnet compatible accessories to the main engine unit. ARCnet communication provides reliable, efficient communication between the main unit and the accessories without a communication delay.

Table 1 – Model Comparison

Item	imagePRESS		
	C7010VPS	C6010VPS	C6010S
Print Speed (LTR, Color/B&W)	Up to 70 ppm ²	Up to 60 ppm ²	Up to 60 ppm ³ - 60 to 135 g/m ² Up to 52 ppm - 136 to 220 g/m ² Up to 40 ppm - 221 to 325 g/m ²
First Copy Time (Color/B&W)	Up to 33 seconds		
Drum Life	Up to 850,000 sheets	Up to 740,000 sheets	Up to 660,000 sheets ⁴
Toner Yield	Up to 35,500 sheets @ 10% image duty	Up to 35,500 sheets @ 10% image duty	Up to 35,500 sheets @ 10% image duty
Pickup Capacity	Standard: Up to 2,000 sheets @ 20 lb bond (80 g/m ²) paper Maximum: Up to 10,000 sheets @ 20 lb bond (80 g/m ²) paper (not including Stack Bypass)		
Stack Bypass (optional)	Up to 100 sheets @ 20 lb bond (80 g/m ²) paper, Separation Retard Roller type Note: Coated paper has to be placed one by one.		
Duplexing Method	Through-pass duplexing (with the Optional DADF-R1 attached)		
Supported Paper Size	POD Deck/Paper Deck: B5/B5R to 13" x 19.2" (330mm x 487mm) Stack Bypass: A5R/STMTR to 13" x 19.2" (330 mm x 487 mm)		
Supported Paper Weight	POD Deck/Paper Deck/Cassette/Duplex: 16 lb bond to 120 lb cover (60 to 325 g/m ²) Stack Bypass: 17 lb bond to 140 lb cover 64 g/m ² to 256 g/m ²		
Warm-up Time	Up to 7 minutes		Up to 11 minutes
Weight	Approximately 2645 lb (1,200kg) (Printer only)		
Dimensions (W x D x H)	With the Operator Attention Light: 101.8" x 45.4" x 68.9" (2,586 x 1,152 x 1,750 mm) Without the Operator Attention Light 101.8" x 45.4" x 52.4" (2,586 x 1,152 x 1,330 mm)		
Power Supply	Three-phase AC208V/24A/50, 60Hz (NEMA L21-30)		Single-phase AC208V/24A/50, 60Hz (NEMA L14-30)
Maximum Power Consumption (Main Unit)	Up to 8.5 kW		Up to 6 kW

² Maintains print speed regardless of paper weight. Based on LTR sized paper.

³ Speed is based on LTR sized paper. Print speed slows when using heavier paper.

⁴ Drum life changes based on media type; Approximately 570,000 sheets @ 52ppm and Approximately 480,000 sheets @ 40ppm

B. Configuration

Note: Configurations shown are for reference purposes only and are subject to change without notice. Please refer to the Dealer Price List on the [ISG Central website](#) for the most up-to-date item numbers.

Table 2 – Product Configuration

Item	Item Number ⁵
 <p>imagePRESS C7010VPS shown</p>	
imagePRESS C7010VPS ⁶	4480B027AB
imagePRESS C6010VPS ⁶	4481B023AB
imagePRESS C6010S ⁶	4482B019AB
Hardware Accessories	
Professional Puncher-B1 with Professional Puncher Integration Unit-A1	2825B004AA
Plastic Comb 19-Hole Punch LTR-A1 ⁷	3028B001AA
Twin Loop 21-Hole Punch LTR-A1 ⁷	3028B002AA
Twin Loop 32-Hole Punch LTR-A1 ⁷	3028B003AA
Color Coil 44-Hole Punch LTR-A1 ⁷	3028B004AA
Velo Bind 11-Hole Punch LTR-A1 ⁷	3028B005AA
Loose Leaf 3-Hole Punch LTR-A1 ⁷	3028B006AA
Loose Leaf 5-Hole Punch LTR-A1 ⁷	3028B022AA
Pro Click 32-Hole Punch LTR-A1 ⁷	3028B021AA
High Durability Plastic Comb 19- Hole Punch LTR-A1 ⁷	3028B033AA
High Durability Color Coil 44-Hole Punch LTR-A1 ⁷	3028B034AA
High Durability Loose Leaf 3-Hole Punch LTR-A1 ⁷	3028B035AA
Booklet Trimmer-D1	2898B001AA
Two-Knife Booklet Trimmer-A1	2827B002AA
Color Image Reader-H1 Set ⁸	0468B006AA
Perfect Binder-B1 with Document Insertion Unit ^{9,10}	2467B005AA
Document Insertion Unit-C1 Set ^{9,11}	0518B002AA

⁵ Item Numbers and Part Numbers are subject to change without notice.

⁶ Includes the main engine, fixing station, power supply unit, Océ PRISMAsync Controller, Operation Panel, Operator Attention Light, one (1) license for E-Shredding-A1, one (1) license for Scanning-A1, X-Rite i1 Spectrophotometer, one (1) concurrent license for PRISMAprepare (includes 1 year of software maintenance), one (1) license for Adobe Acrobat Professional version 10.

⁷ Optional Punch die for Professional Puncher-B1. Only one die can be installed at a time. Please check the appropriate product reference materials for information regarding life expectancy of the die.

⁸ The set includes the Color Image Reader-H1 and Reader Attachment Kit-A1. Requires the Platen Cover Type K or DADF-R1.

⁹ Finisher-AJ1 or Saddle Finisher-AJ2 is required.

¹⁰ PRISMAsync Firmware Version 1.3 or later is required to use the Perfect Binder-B1.

Item	Item Number ⁵
Stack Bypass-A1	1399B001AA
DADF-R1	0470B002AC
Platen Cover Type K	1121B001AA
ADF Access Handle-A1	1095B001AA
Paper Deck-AC1	1873B002AA
POD Deck-A1	1400B001AA
Secondary POD Deck-A1	1400B005AA
Finisher-AJ1	4491B002AA
Saddle Finisher-AJ2	4492B002AA
High Capacity Stacker-C1	1741B002AB
Stacker Dolly-A1	1091B001AA
Convenience Stapler-A1	1348V957
Tab Feeding Attachment-C1	2389B001AA
Puncher Unit-BB1	3109B002AA
Square Fold Booklet-Maker with Two-Knife Trimmer	6357B001AA
System Options	
Fontset Simplified Chinese-A1	5637B002AA
Fontset Traditional Chinese-A1	5638B002AA
Fontset Japanese-A1	5635B002AA
Fontset Korean-A1	5636B002AA
Remote Viewer-A1	5633B002AA
USB Flash Drive (for the USB Key and USB Stick)	1060084290
Consumables	
IPQ-2 Black Toner	0436B003AA
IPQ-2 Cyan Toner	0437B003AA
IPQ-2 Magenta Toner	0438B003AA
IPQ-2 Yellow Toner	0439B003AA
IPQ-2 Drum	0444B003AA
Black Starter	0440B001AA
Cyan Starter	0441B001AA
Magenta Starter	0442B001AA
Yellow Starter	0443B001AA
Staple-N1 (For Finisher-AJ1 or Saddle Finisher-AJ2)	1007B001AA
Staple-P1 (For Saddle Finisher-AJ2)	1008B001AA
Software	
Océ PRISMAprepare V5 - 1 Concurrent user	5437B001AA
Océ PRISMAprepare V5 - 2 Concurrent users	5437B002AA
Océ PRISMAprepare V5 - 3 Concurrent users	5437B003AA
Océ PRISMAprepare V5 - 4 Concurrent users	5437B004AA
Océ PRISMAprepare V5 - 5 Concurrent users	5437B005AA
Océ PRISMAprepare V5 - 6 Concurrent users	5437B006AA
Océ PRISMAprepare V5 - 7 Concurrent users	5437B007AA

¹¹ Document Insertion Unit-C1 and Attachment kit.

Item	Item Number ⁵
Océ PRISMAprepare V5 - 8 Concurrent users	5437B008AA
Océ PRISMAprepare V5 - 9 Concurrent users	5437B009AA
Océ PRISMAprepare V5 - 10 Concurrent users	5437B010AA
Océ PRISMAprepare V5 ext 1 to 2 Concurrent users	5440B001AA
Océ PRISMAprepare V5 ext 2 to 3 Concurrent users	5440B002AA
Océ PRISMAprepare V5 ext 3 to 4 Concurrent users	5440B003AA
Océ PRISMAprepare V5 ext 4 to 5 Concurrent users	5440B004AA
Océ PRISMAprepare V5 ext 5 to 6 Concurrent users	5440B005AA
Océ PRISMAprepare V5 ext 6 to 7 Concurrent users	5440B006AA
Océ PRISMAprepare V5 ext 7 to 8 Concurrent users	5440B007AA
Océ PRISMAprepare V5 ext 8 to 9 Concurrent users	5440B008AA
Océ PRISMAprepare V5 ext 9 to 10 Concurrent users	5440B009AA
Océ PPV5 - 1 Automation Concurrent user	5657B001AA
Océ PPV5 - 2 Automation Concurrent user	5657B002AA
Océ PPV5 - 3 Automation Concurrent user	5657B003AA
Océ PPV5 - 4 Automation Concurrent user	5657B004AA
Océ PPV5 - 5 Automation Concurrent user	5657B005AA
Océ PPV5 - 6 Automation Concurrent user	5657B006AA
Océ PPV5 - 7 Automation Concurrent user	5657B007AA
Océ PPV5 - 8 Automation Concurrent user	5657B008AA
Océ PPV5 - 9 Automation Concurrent user	5657B009AA
Océ PPV5 - 10 Automation Concurrent user	5657B010AA
Océ PPV5 Automation ext 1 to 2 Concurrent users	5658B001AA
Océ PPV5 Automation ext 2 to 3 Concurrent users	5658B002AA
Océ PPV5 Automation ext 3 to 4 Concurrent users	5658B003AA
Océ PPV5 Automation ext 4 to 5 Concurrent users	5658B004AA
Océ PPV5 Automation ext 5 to 6 Concurrent users	5658B005AA
Océ PPV5 Automation ext 6 to 7 Concurrent users	5658B006AA
Océ PPV5 Automation ext 7 to 8 Concurrent users	5658B007AA
Océ PPV5 Automation ext 8 to 9 Concurrent users	5658B008AA
Océ PPV5 Automation ext 9 to 10 Concurrent users	5658B009AA
PRISMAprepare NFR for Dealer Showroom Set (4 years) ¹²	6275B002AB
Océ PRISMAaccess Central Server	5444B001AA
Océ PRISMAaccess 1 Operator Console	5445B001AA
Océ PRISMAaccess 2 Operator Consoles	5445B002AA
Océ PRISMAaccess 3 Operator Consoles	5445B003AA
Océ PRISMAaccess 4 Operator Consoles	5445B004AA
Océ PRISMAaccess 5 Operator Consoles	5445B005AA
Océ PRISMAaccess 6 Operator Consoles	5445B006AA
Océ PRISMAaccess 7 Operator Consoles	5445B007AA
Océ PRISMAaccess 8 Operator Consoles	5445B008AA
Océ PRISMAaccess 9 Operator Consoles	5445B009AA
Océ PRISMAaccess 10 Operator Consoles	5445B010AA

¹² Includes one (1) concurrent license for PRISMAprepare, one (1) license for Adobe Acrobat Professional version 10. CUSA offers a 4 year license of PRISMAprepare v5 license NFR CP but the license needs renewal every 12 months.

Item	Item Number ⁵
Océ PRISMAaccess 1 Submission Server	5451B001AA
Océ PRISMAaccess 2 Submission Servers	5451B002AA
Océ PRISMAaccess 3 Submission Servers	5451B003AA
Océ PRISMAaccess 4 Submission Servers	5451B004AA
Océ PRISMAaccess 5 Submission Servers	5451B005AA
Océ PRISMAaccess ext. 1 to 2 Consoles	5454B001AA
Océ PRISMAaccess ext. 2 to 3 Consoles	5454B002AA
Océ PRISMAaccess ext. 3 to 4 Consoles	5454B003AA
Océ PRISMAaccess ext. 4 to 5 Consoles	5454B004AA
Océ PRISMAaccess ext. 5 to 6 Consoles	5454B005AA
Océ PRISMAaccess ext. 6 to 7 Consoles	5455B001AA
Océ PRISMAaccess ext. 7 to 8 Consoles	5455B002AA
Océ PRISMAaccess ext. 8 to 9 Consoles	5455B003AA
Océ PRISMAaccess ext. 9 to 10 Consoles	5455B004AA
Océ PRISMAaccess ext. 1-2 Submission Servers	5456B001AA
Océ PRISMAaccess ext. 2-3 Submission Servers	5456B002AA
Océ PRISMAaccess ext. 3-4 Submission Servers	5456B003AA
Océ PRISMAaccess ext. 4-5 Submission Servers	5456B004AA
Océ PRISMAaccess ext. 1-2 Submission Servers	5456B001AA
Océ PRISMAaccess Accounting	5446B001AA
Océ PRISMAaccess Quotation	5447B001AA
Océ PRISMAaccess Budget Approval	5448B001AA
Océ PRISMAaccess Archive Module	5449B001AA
Adobe Acrobat Professional v10 ^{13,14}	5659B002AA
Quite Imposing ¹³	6066B001AA
Enfocus Pitstop Professional v9 ¹³	6065B001AA

¹³ Adobe Acrobat Version 9 must be installed on each Personal Computer (PC) that will utilize a license of e Océ PRISMAprepare and/or Océ PRISMAaccess software.

¹⁴ Adobe Acrobat Professional, Enfocus Pitstop Professional and Quite Imposing on the Canon USA Dealer Price List can only be ordered with Océ PRISMAprepare and/or Océ PRISMAaccess.

II. Features

A. Océ PRISMAsync Controller



The imagePRESS C7010VPS Series is integrated with the Océ PRISMAsync controller. The PRISMAsync controller enables the end-user to define all media and color settings once and use them throughout the prepress and printing process. Capable of operating in both Windows and Macintosh environments the PRISMAsync controller is capable of handling multiple complex color print jobs. The graphical user interface includes a job scheduler to display every queued job, providing an overview of work scheduled for the day. The Océ PRISMAsync controller runs on a Windows XPe Operating System and comes equipped with an Intel QuadCore i7 processor, three (3) 250 GB HDs, and 4 GB of memory.

Benefits of the Océ PRISMAsync Controller:

- Fully integrated digital front-end provides intuitive production management
- Task-based and unified workflow for efficient resource allocation
- Media handling with media-driven operation
- Efficient productivity with unique scheduling tool
- Considerable processing power
- Advanced intelligent color management for high-quality documents
- The Océ PRISMAprepare software the allows the end-user to preview documents onscreen

B. Operator Panel



The imagePRESS C7010VPS Series is integrated with an Operator Panel with a unique graphical user interface for end-user and service technician accessibility.

The Super VGA high-resolution TFT screen utilizes large on-screen buttons for easy navigation.

The Operator Panel allows the end-user to view and access job information, manage print jobs, monitor the status of print jobs, and monitor the status of the imagePRESS digital press. In addition, with the touch of a button the end-user has the ability to stop the imagePRESS engine or place the imagePRESS engine into a sleep mode. The service technician has access to view and manage system information.

The Operator Panel supports a USB interface for memory media integration and device support. Océ PRISMAprepare software installed on the PRISMAsync controller enables the end-user to preview documents from the Operator Panel.

C. Operator Attention Light



The Operator Attention Light is mounted on top of the imagePRESS and helps the end-user to monitor the status of the imagePRESS digital press from a distance.

The light's colors match the printer status displayed on the dashboard of the Operator Panel.

- Red - The machine has stopped. Operator attention is required. (i.e. a required media type is not available or an error has occurred.)
- Orange - The machine will stop soon (i.e. required media is low). Operator attention is required soon. The orange light illuminates when the machine reaches a specified warning time. The warning time can be set by the end-user in the "System" view of the operator panel.
- Green - The machine is busy printing. Operator attention is not required.
- No color - The machine is idle. There are no jobs scheduled for printing.

D. CMYK Curve Editing

An end-user key operator, end-user system administrator or service technician can edit the CMYK curves per media family/halftone combination from the Operator Panel. Once the curves have been edited the new settings are valid for all jobs that are printed from that point. PRISMAsync Firmware Version 1.3 or later is required to use this feature.

E. RGB Editing

When scanning an imperfect original an end-user operator can adjust the image to reach the desired output. Brightness, Contrast and Color can be adjusted from the Operator Panel to set the desired look of the copy or the original at hand. PRISMAsync Firmware Version 1.3 or later is required to use this feature.

F. USB Printing & Scan-to USB

If a USB storage device is connected to the Operator Panel the 'USB Ready' and 'Scan to USB' buttons are active. USB printing is available as a standard function. Scan-to-USB (as all scan-to-file functionality) is enabled when the Scanning-A1 license is installed. PRISMAsync Firmware Version 1.3 or later is required to use this feature.

III. Accessories and Advanced Options

A. Accessory Options

1. Stack Bypass-A1

The Stack Bypass can hold sizes from 5.5" x 7.2" to 13 x 19.2" and 17 lb bond to 140 lb cover 64 g/m² to 256 g/m². Custom sized paper is also supported.

Note: The print speed from the Stack Bypass is different from the drawers. Since the Stack Bypass does not have a remaining paper sensor, the imagePRESS digital press has to make sure the next sheet is loaded in the Stack Bypass just before drawing images on the drums. This causes the print speed from the Stack Bypass to be slower than from the drawers.

2. DADF-R1

The DADF-R1, a duplexing automatic document feeder, handles jobs that rely on the processing of originals. The DADF-R1 has a paper capacity of up to 100 sheets (20 lb bond (80g/m²)) of originals. The DADF-R1 supports paper sizes of 11" x 17", LGL, LTR, LTRR, and STMT in weights from 13 lb bond to 80 lb cover.

3. Color Image Reader-H1

The Color Image Reader-H1 scans originals up to 11" x 17" at a maximum resolution of 600 dpi.

4. POD Deck-A1/Secondary POD Deck-A1

Similar to the two standard paper drawers, the POD Deck-A1 has three paper decks. The upper and middle decks hold up to 1,000 sheets each, and the lower deck holds up to 2,000 sheets. All three trays are equipped with suction feeding, Enhanced Air Assist technology, and Double Sheet Detection. Each paper drawer is equipped with a digital light indicator that displays the paper levels. The POD Deck-A1 will hold supported media in any paper drawer. The maximum paper capacity for the imagePRESS C7010VPS Series including the two standard paper drawers and two (2) POD Decks connected is approximately 10,000 sheets.

5. Paper Deck-AC1

The Paper Deck-AC1 attaches to the lower right side of the main unit (with no POD Decks installed), and has a paper capacity of up to 3,500 sheets. The Paper Deck-AC1 supports paper sizes of up to 13" x 19" in weights ranging from 17 lb bond to 110 lb cover. The Paper Deck-AC1 is equipped with an elevator tray that raises and lowers the paper to help ensure smooth feeding into the imagePRESS digital press.

6. Tab Feeding Attachment-C1

The Tab Feeding Attachment-C1 installs directly on the top of the bottom plate of the Main Unit paper drawer or POD Deck paper drawer and ensures reliable feeding of tab paper.

7. High Capacity Stacker-C1

The High Capacity Stacker-C1 provides large stacking capabilities of up to 5,000 sheets with a 1,000 sheet proof tray located on top. The Stacker neatly stacks all supported paper stock on a removable dolly. This rolling removable dolly makes it simple to transport large amounts of output to off-line finishing devices. Two stackers may be connected at the same time, doubling the number of sheets up to 10,000 sheets.

8. Perfect Binder-B1

This advanced accessory provides users the ability to create perfect bound books in-line. This powerful binding capability is a perfect solution for Quick Printers, CRD, or Commercial Print environments. This is an in-line Perfect Binder, which provides high quality document binding for up to 200 sheets (20 lb bond (80g/m²)) with a cover sheet that can be fed through an Insertion Unit. The Perfect Binder utilizes hot glue technology, and 3-side trimming for a high-quality finished product. The Insertion Unit is standard with the Perfect Binder-B1 and gives users the ability to insert up to 200 pre-printed cover sheets or insert sheets.

The Finisher-AJ1 or Saddle Finisher-AJ2 is required to install the Perfect Binder-B1.

9. Finisher-AJ1 and Saddle Finisher-AJ2

Both the Finisher-AJ1 and Saddle Finisher-AJ2 offer high-end finishing options with greater stacking capacities (up to 5,000 sheets), advanced stapling options, and two standard output trays. These finishers also have functions of the multi-position corner-stapling and double-stapling for up to 100 sheets. The Saddle Finisher-AJ2 has the Saddle Stitch Booklet Finishing capability for up to 25 sheets or 100 imaged sides.

10. Puncher Unit-BB1

The Puncher Unit-BB1 installed inside of the Finisher-AJ1 and Saddle Finisher-AJ2 provides 2-hole and 3-hole punch capabilities for paper stocks up to 110 lb Index. This option supports 2-hole punching for LGL and LTR-R paper and 3-hole punching for 11" x 17" and LTR. The finisher's paper path has sensors to detect the paper size for accurate hole-punching. The Puncher Unit-BB1 offers a 5,000 sheet punch waste tray capacity, minimizing the need for users to frequently empty the waste tray.

11. Document Insertion Unit-C1

This Document Insertion Unit-C1 installed directly on top of the Finisher-AJ1 and Saddle Finisher-AJ2 provides the end-user with the option to insert pre-printed cover sheets into a saddle stitch job. Document Insertion Unit-C1 is used to insert cover sheets only and is not for sheet insertions. The upper tray and lower tray have a capacity of up to 200 sheets each.

12. Professional Puncher-B1 with Integration Unit-A1

The Professional Puncher-B1 provides users the ability to handle a variety of punching patterns. The punching patterns are available as die sets that can easily be purchased and replaced by the user. The Professional Puncher provides the user the ability to create off-line plastic spiral bound books and supports LTR size paper only and stocks up to 80 lb Cover. The High Durability Die set has the capability to punch 4-million times on paper (20 lb bond). The following punch patterns are available:

- Plastic Comb Binding (19-Hole)
- Twin Loop Binding (32-Hole)
- Twin Loop Binding (21-Hole)
- Velo Bind (11-Hole)
- Loose leaf Binding (3-Hole)
- Loose leaf Binding (5-Hole)
- Color Coil Binding (44 Hole)
- Pro Click (32-Hole)
- High Durability Plastic Comb (19-Hole)
- High Durability Color Coil (44-Hole)
- High Durability Loose Leaf (3-Hole)

13. Booklet Trimmer-D1

The Booklet trimmer-D1 attaches to the Booklet Tray of the Saddle Finisher-AJ2 and provides front trimming of saddle-stitch bookbinding jobs. The open end of finished booklets can be trimmed up to 100 pages (approximately 25 [11" x 17"] sheets) to deliver a flush, even edge. After the booklets are trimmed, they are delivered to an output tray through a conveyor belt, in which the loading capacity is 30 books (equivalent of up to 2,400 two-sided pages).

14. Two-Knife Booklet Trimmer-A1

The Two-Knife Booklet Trimmer-A1 attaches to the Booklet Trimmer-D1 and provides 2-side trimming of a saddle stitch booklet job in addition to the front trimming of the Booklet Trimmer-D1. With both trimmers installed, an end-user has an in-line solution to create full color brochures without margins. Single sheet trimming is not supported.

The Booklet Trimmer-D1 and the Saddle Finisher-AJ2 are required to install the Two-Knife Booklet Trimmer-A1.

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

The Square Fold Booklet-Maker with Two-Knife Trimmer is an in-line finishing solution attached to the Booklet Trimmer-D1 to create a full bleed printing and booklet making system for a wide range of on-demand applications.

Booklets (reports, brochures, manuals, policy documents, etc.) can be quickly printed and finished in one streamlined operation without the need for additional handling or finishing steps in between. The 2-Knife Trimmer is capable of trimming up to 25 sheets (80 g/m², 100 pages booklet) (or 5 mm whichever is less).

The Square Fold Booklet-Maker provides a professional square back finishing look to saddle stitch booklets; similar to a bound book. The Two-Knife Trimmer is capable of trimming booklets to a width of approximately 7.87" (200 mm) up to 12.6" (320 mm).

Refer to the Square Fold Booklet-Maker with Two-Knife Trimmer Service Support Guide for more details.

16. Océ PRISMAprepare

The Océ PRISMAprepare is an all-in-one job preparation client application for document makeready from composition through production. PRISMAprepare can be used to collect and combine PDF documents from a variety of digital and analog sources into one document with multiple sections. PRISMAprepare can be used to clean up pages from digital or hard copy sources, enhance documents, assign media attributes, create inserts, or optimize image color brightness and saturation.

PRISMAprepare allows the end-user to preview every step in the preparation process on screen, eliminating the need for hard copy proofing. The integrated color management capabilities enable the end-user to modify color brightness and saturation, replace, change or modify colors and access PANTONE Matching System and HKS¹⁵ spot color libraries.

PRISMAprepare is device-independent. The end-user can print PDF files to any device.

One (1) license of PRISMAprepare ships standard with the imagePRESS C7010VPS Series Digital Press. Additional licenses are available for purchase. One year of software maintenance is included with the license of PRISMAprepare. Extended maintenance is available for purchase. Adobe Acrobat Version 9 or Version 10 must be installed on each Personal Computer (PC) that will utilize a license of Océ PRISMAprepare.

¹⁵ HKS is an abbreviation of three German color manufacturers: Hostmann-Steinberg Druckfarben, Kast + Elinger Druckfarben, and H. Schmincke & Co.

17. E-shredding-A1

The E-shredding software license allows the end-user to securely erase jobs from the imagePRESS C7010VPS Series and the Océ PRISMAsync controller. This prevents unauthorized people from accessing deleted jobs. This functionality is interesting for government institutions, law firms and other customers with an increased demand for data security. Available erase options within e-shredding are:

- Gutmann - All jobs on the imagePRESS C7010VPS Series and the Océ PRISMAsync controller are erased in 35 overwrite passes.
- US DOD 5220.22m, 8-306.d - All jobs on the imagePRESS C7010VPS Series and the Océ PRISMAsync controller are erased in three (3) overwrite passes.
- Custom - The end-user can define the number of overwrite passes manually.

The hard disk random erase functionality (Data Erase Kit), which is available for the imagePRESS C7010VPS Series, is part of the e-shredding license.

Note: 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.

18. Scanning-A1

The scanning license enables the scan-to-file function. Supported scan-to-file destinations include FTP, e-mail and PRISMAaccess.

B. System Options

1. Océ PRISMAaccess

The optional Océ PRISMAaccess is a job submission and print management application for a printshop or printroom. The Océ PRISMAaccess job submission and print management application enables end-user customers to submit jobs to a printroom directly from their desktops via a web interface, downloadable driver or e-mail . Communication features include automated e-mail notification and a personalized overview of jobs in production to update the end-user customer on the status of orders. Adobe Acrobat Version 9 or Version 10 must be installed on each PC that will utilize a license of Océ PRISMAaccess.

2. Remote Viewer-A1

The Remote Viewer license enables the end-user to access the status window of the Océ PRISMAsync controller remotely from any computer in the same network. The remote viewer is accessed by typing 'http://[printer name or IP address]/remoteinfo' to the address bar of an internet browser. The remote information provided includes:

- The current status, displaying the same status bar visible on the Operator Panel.
- A fix timeline of 30 minutes with a moving bar below it showing the time left for all scheduled print jobs to be finished.

C. Productivity Options

1. Customer Expectations Document

The Canon imagePRESS C7010VPS, imagePRESS C6010VPS, and imagePRESS C6010S Customer Expectations Documents (CEDs) contain information about the features and capabilities of the Canon imagePRESS C7010VPS Series.

The purpose of the CED is to explain the current features and capabilities of the imagePRESS C7010VPS Series, and address the customer's expectations before he/she purchases the machine.

These documents should be used as part of the pre-sale, and pre-installation planning process to help clarify the requirements and responsibilities associated with owning and operating the imagePRESS C7010VPS Series. It is also recommended that those interested in purchasing the imagePRESS C7010VPS Series have, and familiarize themselves with, the information in these documents prior to making their purchase.

The CEDs are available on the e-Support center website.

2. Durability Enhancement Program

The Canon USA Durability Enhancement Program (DEP) provides an efficient, cost effective method by which dealerships can assist their high volume customers in enhancing the performance life of their imagePRESS C7010VPS Series device as usage extends up to the device's Estimated Performance Standard (EPS) of 18,000,000 sheets (LTR) or five (5) years, whichever comes first. The DEP is recommended for customers who will use the imagePRESS C7010VPS Series.

The DEP program suggests a series of parts to be replaced when the total print volume of the machine exceeds nine (9) million prints (LTR-size).

The details of this program will be released by Canon USA as a "Durability Enhancement Program Guide" and will be located on the ISG Central website. The DEP Technical Procedures will be located on e-Support.

3. The Customer Productivity Program

The optional Customer Productivity Program for the imagePRESS C7010VPS Series is a program offered by the servicing dealer to provide imagePRESS C7010VPS Series customers with the ability to improve the uptime and productivity of their digital press. Key Operators, trained by the servicing dealer, would be permitted to perform proactive maintenance (parts replacement, cleaning & adjustment), self-service and print quality diagnostics on their imagePRESS C7010VPS Series Digital Press guided by an interactive software application built into the Océ PRISMAsync Controller and operated remotely from an end-user's PC.

The Customer Productivity Program materials (Dealer Guide, Customer Guide, Key Operator Service Manual and Training Materials) are not available at the time of launch.

4. Remote Support Services

The imagePRESS C7010VPS Series Digital Press does not support the following services:

- imageWARE Remote
- imageWARE Enterprise Management Console
- NAVI (Diagnostic troubleshooting when connected to the Digital Press, Service Mode access and Engine Reporting Capability)

The supported services are subject to change.

IV. Dealer Sales/Service Authorization

To become authorized to service and maintain the imagePRESS C7010VPS Series a dealership must have:

- Two (2) technicians who have successfully completed the following:
 - The imagePRESS C7010VP Series Training Program (the imagePRESS C7000VP/C6000VP/C6000 Series Blended training program and the imagePRESS C7010VP/C6010VP/C6010 Update Training Program)
 - The PRISMAsync 3 day Hardware Training Program. (formally known as the imagePRESS C7010VPS Series Hardware Training Program)
- One (1) Systems Engineer who has successfully completed the following:
 - The imagePRESS C7000VP Systems Training Program.
 - The PRISMA Systems Training which includes PRISMA prepare and PRISMAaccess (formally known as imagePRESS C7010VPS Systems Training Program)

By meeting these requirements, a dealer can be confident that their service department has the skills and knowledge needed to be successful in servicing and supporting the imagePRESS C7010VPS Series.

V. Educational Training

A. The PRISMAsync Hardware Training Program

1. Training Overview

The PRISMAsync Hardware Training Program is designed for technicians that have successfully completed the imagePRESS C7010VP Series Training Program. The PRISMAsync Hardware Training Program provides comprehensive training on the PRISMAsync controller. This program consists of an online course, and a three (3) day hands-on activity filled classroom that includes a final examination. All technicians who will service and support the imagePRESS C7010VPS Series devices are required to successfully complete this course to ensure they are ready to support these products and customers.

PRISMAsync Hardware Training Program (Table 3)

Course Name	Course Code	Required
PRISMAsync On-line Training	091PC7010VPS00O	Yes
PRISMAsync Hardware Classroom Training	19IPC7010VPS01C	Yes

2. Training Topics

The PRISMAsync Hardware Training Program specifically focuses on:

- Product Overview, Configuration & Specifications
- Key Operations and Service Modes Using the PRISMAsync controller
- Print Engine Differences & Similarities
- PRISMAsync Features, Functions and Printing

3. Prerequisites

To become eligible to take the PRISMAsync Hardware Training Program, a technician must have successfully completed the imagePRESS C7000VP/C6000VP/C6000 Blended Training Program and the imagePRESS C7010VP Update Program.

B. The PRISMA Systems Training which includes PRISMA prepare and PRISMAaccess

1. Training Overview

The PRISMAsync Systems Training which includes PRISMA prepare and PRISMA access (formally known as imagePRESS C7010VPS Systems Training Program) is designed for systems engineers that will have the responsibility to support the PRISMAsync Series Print Servers. The PRISMA Systems course will focus on the differences in the hardware between the PRISMAsync controller and the previous controllers. The training program also includes comprehensive training on the Océ PRISMAaccess and Océ PRISMAprepare applications that support the PRISMAsync controller.

PRISMA Systems Training Program (Table 4)

Course Name	Course Code	Required
PRISMAsync On-line Training	091PC7010VPS00O	Yes
PRISMA Systems Training (including PRISMAprepare and PRISMAaccess)	19IP7010VPSS01C	Yes

2. PRISMAsync Five Day Systems Program

This systems course is a blended program with an online course and a five (5) day a hands-on activity filled classroom course that includes a final examination. All systems engineers who will service and support the imagePRESS C7010VPS Series devices are required to successfully complete this course to ensure they are prepared to support these products and customers.

The PRISMAsync Five Day Systems Training Program specifically focuses on the most prominent areas:

- Product Overview, Configuration & Specifications
- Key Operations and Media Library with the PRISMAsync controller
- Print Engine Differences & Similarities
- PRISMAsync Features, Functions and Printing
- PRISMAsync Workflow
- PRISMAsync Color Management
- PRISMAaccess Installation and Configuration
- PRISMAaccess Workflow
- PRISMAaccess Administration
- PRISMAprepare Installation and Configuration
- PRISMAprepare Workflow
- PRISMAprepare Administration

3. Prerequisites

There are no prerequisites required, but imagePRESS C7000VP Systems Training is desirable.

C. Accessory Training Modules

The online modules below are designed to teach the theory and operation, which will provide Technicians with the complete knowledge required for the setup and servicing of the Two-Knife Booklet Trimmer-A1 and the Professional Puncher-B1.

Note: Only those technicians who have successfully completed the accessory training modules are entitled to live, phone-based support through the Technical Support Center. Self-Service Support (software downloads, knowledgebase, support forums, technical publications) will continue to be available through our e-Support website for all technicians (refer to the Technical support section for entitlement details).

1. Two-Knife Booklet Trimmer

By the completion of this online course, you will be able to describe what the Two-Knife Booklet Trimmer is and what it does, and identify all of its components and their locations. In addition, you will be able to perform an installation, make needed adjustments and use the Service Mode operations for installing, configuring and maintaining the Two-Knife Booklet Trimmer.

a) The Online Module addresses the following components:

- Describe the features and functions of the Two-Knife Booklet Trimmer
- Perform installation of the Two-Knife Booklet Trimmer
- Identify and locate components of the Two-Knife Booklet Trimmer
- Perform Two-Knife Booklet Trimmer adjustments
- Perform service mode operations

b) Prerequisites

Prior to beginning the Two-Knife Booklet Trimmer-A1 Training Course, each student will have to complete the imagePRESS C7000VP/C6000VP/C6000 Series Blended training program.

Two-Knife Booklet Trimmer-A1 Online Module (Table 5)

Module Name	Code Number	Required ¹⁶
imagePRESS C7000VP Two-Knife Booklet Trimmer-A1	09IPC2KBT00E	Yes

2. Professional Puncher Unit-B1

By the completion of this online course, you will be able to describe what the Professional Puncher is and what it does. You will be able to perform an installation, identify and locate components of the Integration Unit-A1, perform punch position adjustments, maintenance and software updates.

a) The Online Module addresses the following components:

- Describe what the Professional Puncher is and what it does
- Describe the features and functions of the Professional Puncher
- Perform an installation
- Identify and locate components of the Professional Puncher
- Identify and locate components of the Integration Unit
- Perform punch position adjustments on the Professional Puncher
- Performing maintenance on the Die Set
- Perform software updates and key operations for the Professional Puncher

¹⁶ Each of the modules are either required or recommended components of the training program. If the "Required" column indicates a "Yes" then the module must be completed while a "No" indicates that the module is recommended training material.

b) Prerequisites

Prior to beginning the Professional Puncher Unit-B1 Training Course, each student will have to complete the imagePRESS C7000VP/C6000VP/C6000 Hardware Course.

Professional PuncherUnit-B1 Online Module (Table 6)

Module Name	Code Number	Required ¹⁶
Professional Puncher-B1 Online Module	09IPC7PPB100E	Yes

VI. Servicing Notes

A. Power and Plug Requirements

Canon U.S.A. Inc. (Canon USA) requires dedicated and properly grounded outlets for these imagePRESS C7010VPS Series devices and optional accessories. Before installation, confirm that dedicated NEMA receptacles are available for these devices. An additional NEMA 5-15 receptacle is recommended for service tools such as a laptop or vacuum.

The imagePRESS C7010VPS/C6010VPS Main Unit requires a dedicated 3-phase 208V/30A NEMA L21-30 receptacle for proper operation. The imagePRESS C6010S Main Unit requires a dedicated single-phase 208V/30A NEMA L14-30 receptacle for proper operation.

Confirm that a 3-phase Y configuration 208V/30A outlet for the imagePRESS C7010VPS/C6010VPS or a single-phase Y configuration 208V/30A outlet for the imagePRESS C6010S are available prior to installation.





Note: Phase converters and step down transformers are not supported.

Power and Plug Requirements for Main Unit and Accessories (Table 7)

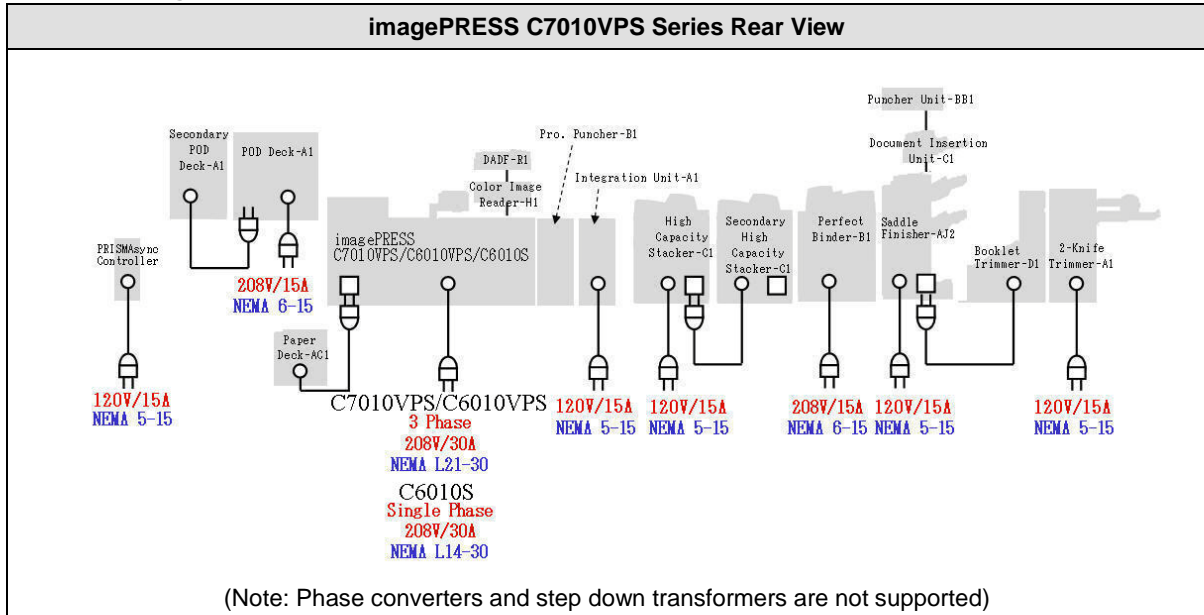
Description	Power Supply	Plug Specifications
imagePRESS C7010VP/C6010VPS	3-phase 208V / 30A outlet	NEMA L21-30
imagePRESS C6010S	Single-phase 208V / 30A outlet	NEMA L14-30
Puncher Unit-BB1	From the Finisher-AJ1 or Saddle Finisher-AJ2	N/A
Document Insertion Unit-C1		
Booklet Trimmer-D1		
DADF-R1		
Color Image Reader-H1	From the Main Unit	N/A
Paper Deck-AC1		
POD Deck-A1		
Perfect Binder-B1	208V / 15A outlet	NEMA 6-15
Saddle Finisher-AJ2	120V / 15A outlet	NEMA 5-15
Finisher-AJ1		
Professional Puncher-B1 & Professional Puncher integration Unit-A1 ¹⁷		
Two-Knife Booklet Trimmer-A1		
High Capacity Stacker-C1		
PRISMAsync Controller		
Two-Knife Trimmer		
External Start Interface Kit (For the Two-Knife Trimmer)		
Square Fold Booklet Maker	From the Two-Knife Trimmer	N/A

¹⁷ The Professional Puncher Integration Unit-A1 is powered from the Professional Puncher-B1

Power Receptacle (Table 8)

imagePRESS C7010VPS/C6010VPS Main Unit	imagePRESS C6010S Main Unit
 NEMA L21-30 R	 NEMA L14-30 R
The POD Deck-A1 & Perfect Binder-B1 Accessories	Accessories
 NEMA 6-15 R	 NEMA 5-15R

Power and Plug Requirements Rear View (Table 9)




B. Estimated Installation Times

The estimated installation times shown are based on an out-of-box main unit installation and optional accessories and can be achieved only with a minimum of two (2) experienced technicians on the imagePRESS C7010VPS Series.

The Installation times below are the estimated times required for installation starting from an unpacked condition. The Installation times are calculated based on man-hours and are for reference purposes only.

Estimated Installation Times (Table 10)

Description	Estimated Time
imagePRESS C7010VPS Series	140 Minutes
PRISMAsync Controller	15 Minutes
Operator Panel	15 Minutes
Operator Attention Light	5 Minutes
 Setup times vary due to many factors, most of which the installation technician has little control over. Some obstacles may include: <ul style="list-style-type: none"> • Forklift availability and its operator • Narrow hallways or a need to remove doors to enter rooms • Uneven or damaged floors making leveling equipment difficult and time consuming With the above-mentioned obstacles considered, an installation of just the Main Station, Sub Station, Power Unit Supply and Océ PRISMAsync controller of the imagePRESS C7010VPS Series can take longer than the 175 minutes shown (imagePRESS C7010VPS Series + the Océ PRISMAsync Controller + Operator Panel + Operator Attention Light) above and can take between four (4) to six (6) hours depending on conditions at the installation site. If accessories are included in the installation, the following estimated times must be added.	
Stack Bypass-A1	15 Minutes
POD Deck-A1	35 Minutes
Secondary POD Deck-A1	50 Minutes
Paper Deck-AC1	15 Minutes
High Capacity Stacker-C1 / Secondary High Capacity Stacker-C1	30 Minutes
Finisher-AJ1/Saddle Finisher-AJ2	15 Minutes
Booklet Trimmer-D1	30 Minutes
Two-Knife Booklet Trimmer-A1	10 Minutes
Professional Puncher-B1 including Integration Unit-A1	20 Minutes
Color Image Reader-H1	50 Minutes
DADF-R1	20 Minutes
Document Insertion Unit-C1	20 Minutes
Puncher Unit-BB1	25 Minutes
Perfect Binder-B1	60 Minutes
Square Fold Booklet-Maker with Two-Knife Trimmer	120 minutes

C. Installation Weight and Dimensions

The approximate weight and dimensions differ depending on how the device is configured with the optional accessories. The following tables include the weight, width, height, and depth dimensions of the main engine and optional accessories.

Weight (Table 11)

Item	Approximate Weight	
Main Unit ¹⁸	2,645 lb	1,200 kg
Stack Bypass-A1	11.9 lb	5.4 kg
POD Deck-A1	551 lb	250 kg
Secondary POD Deck-A1	507 lb	230 kg
Paper Deck-AC1	112.4 lb	51 kg
Stack Bypass-A1	11.9 lb	5.4 kg
Color Image Reader-H1	38.5 lb	17.5 kg
DADF-R1	47.3 lb	21.5 kg
High Capacity Stacker-C1	440 lb	200 kg
Saddle Finisher-AJ2	397 lb	180 kg
Finisher-AJ1	287 lb	130 kg
Puncher Unit-BB1	6.6 lb	3 kg
Booklet Trimmer-D1	335 lb	152 kg
Document Insertion Unit-C1	37.5 lb	17 kg
Two-Knife Booklet Trimmer-A1	320 lb	145 kg
Professional Puncher-B1	176 lb	80 kg
Professional Puncher integration Unit-A1	88 lb	40 kg
Operation Panel	9.3 lb	4.2 kg
PRISMAsync Controller	35 lb	16 kg
Operator Attention Light	2.2 lb	1 kg
Perfect Binder-B1	697 lb	316 kg
Two-Knife Trimmer	440 lb	200 kg
Square fold Booklet-Maker	133 lb	60 kg

¹⁸ The Marking Engine, Fixing Unit, and Power Station Unit all make up what is hereinafter referred to as the "Main Unit."

Dimensions (Table 12)

Item	Approximate Width		Approximate Depth		Approximate Height	
Main Unit (with the Operator Attention Light)	101.8"	2,586 mm	44.7"	1,152 mm	68.9"	1,750 mm
Main Unit (without the Operator Attention Light)	101.8"	2,586 mm	44.7"	1,152 mm	52.4"	1,330 mm
Stack Bypass-A1 ¹⁹	15.7"	398 mm	21.42"	544 mm	13.4"	339 mm
POD Deck-A1	38.7"	987 mm	31.2"	792 mm	41"	1,158 mm
POD Deck-A1 & Secondary POD Deck	70.8"	1,798 mm	31.2"	792 mm	41"	1,158 mm
Paper Deck-AC1	23.7"	601 mm	24.5"	621 mm	22.5"	570 mm
Color Image Reader-H1	28.8"	732 mm	23.5"	595 mm	4.13"	105 mm
DADF-R1	25.5"	646 mm	22.38"	570 mm	5.63"	143 mm
High Capacity Stacker-C1	33.9"	860 mm	30.12"	765 mm	48.8"	1,240 mm
Saddle Finisher-AJ2	41.7"	1,060 mm	31.25"	792 mm	46.5"	1,180 mm
Finisher-AJ1	35.0"	890 mm	31.25"	792 mm	46.5"	1,180 mm
Puncher Unit-BB1	Part of the Finisher-AJ1 & Saddle Finisher-AJ2					
Booklet Trimmer-D1	62"	1,575 mm	30.37"	770 mm	41"	1,040 mm
Document Insertion Unit-C1	24.6"	625 mm	26.25"	667 mm	8.37"	213 mm
Two-Knife Booklet Trimmer-A1	21.1"	536 mm	30.37"	770 mm	41"	1,040 mm
Professional Puncher-B1	12"	305 mm	31.5"	800 mm	41"	1,040 mm
Professional Puncher-B1 with Integration Unit-A1	22"	560 mm	31.5"	800 mm	41"	1,040 mm
Perfect Binder-B1	36.3"	922 mm	31.1"	791 mm	53.5"	1,360 mm
Two-Knife Trimmer	23.6"	600 mm	27.6"	700 mm	51"	1,300 mm
Square fold Booklet-Maker ²⁰	38.7"	983 mm	23.5"	597 mm	47"	1,200 mm

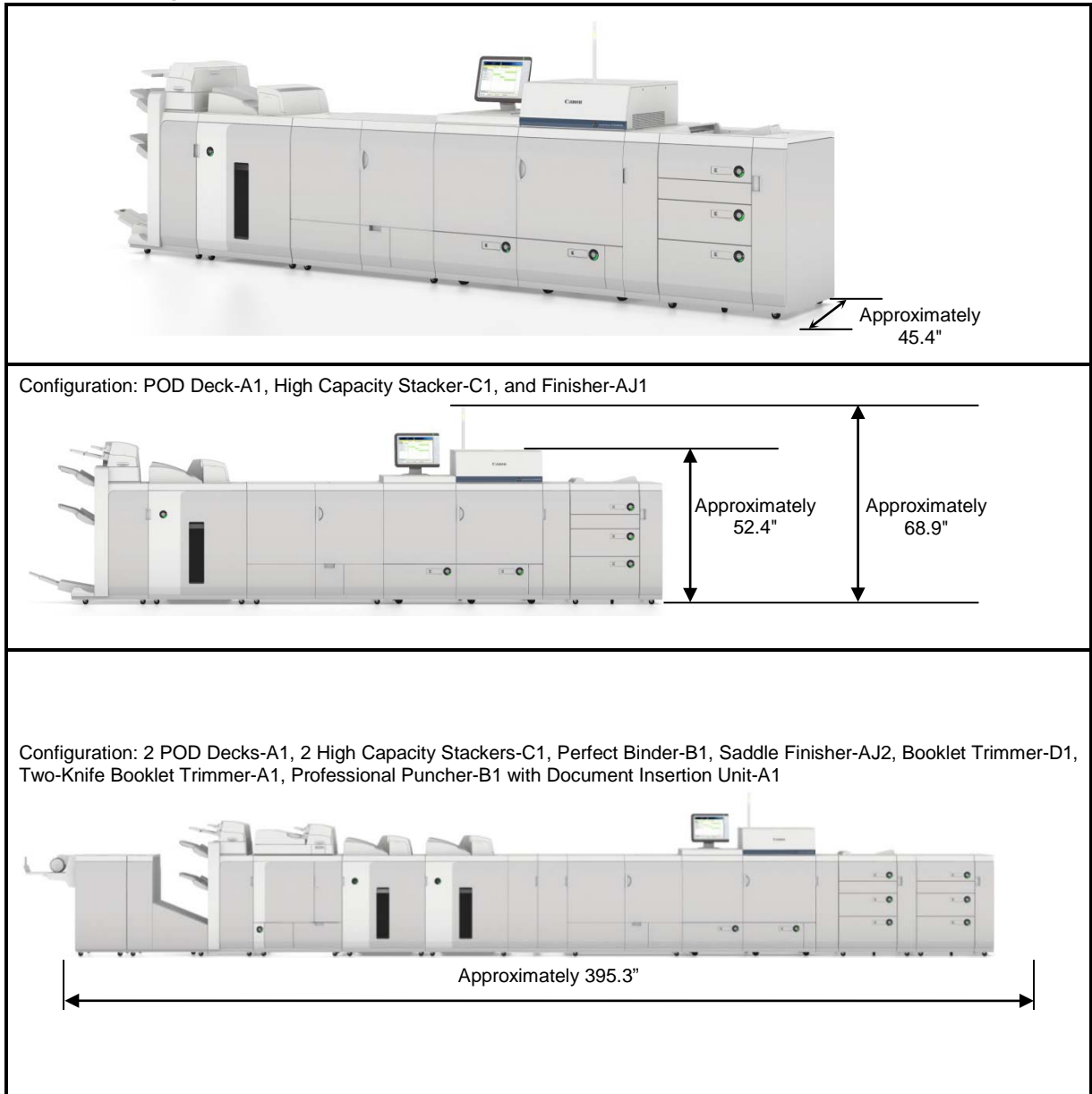
Note: The above accessory dimensions are for reference only and should not be confused with the required space for installation.

¹⁹ With the auxiliary tray extended

²⁰ Dimensions are with the Square Fold Booklet-Maker Conveyor tray fully extended.

Note: The site must provide enough space for unrestricted operation, maintenance work, and proper ventilation. Every attempt should be made to install the equipment in a room that is large enough to allow for the proper servicing and maintenance of the equipment and ensure that issues, such as ventilation, odors, and dust accumulation will not be a concern.

Dimensions Diagrams (Table 13)



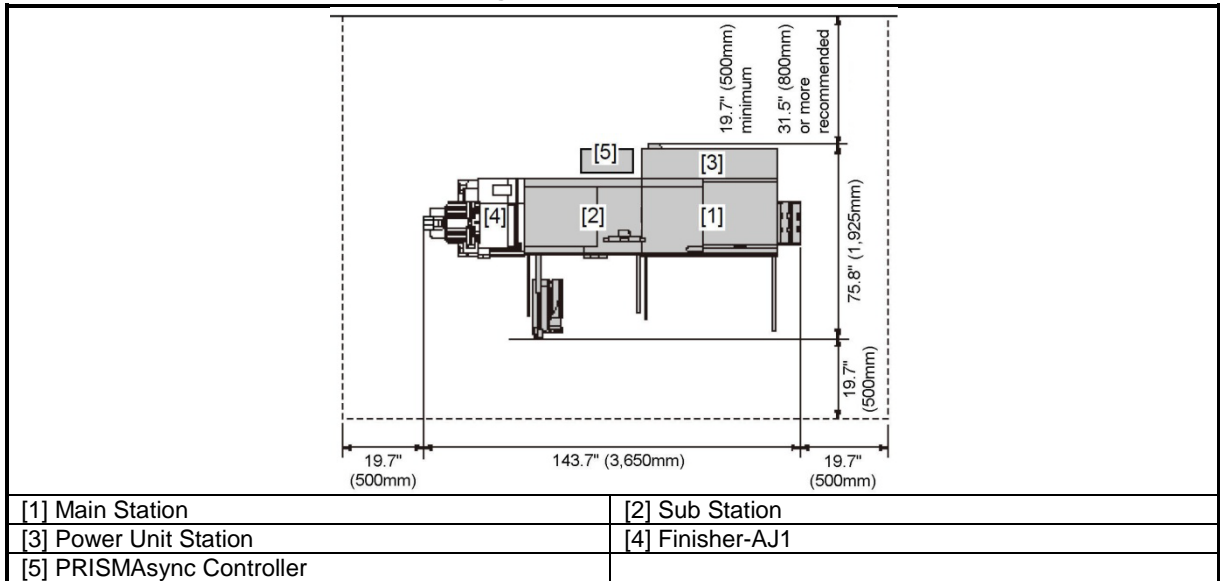
Note: Provide at least 31.5” behind and 19.7” in front and on the sides of the digital press (with all doors and access panels open), See [Installation Space Requirements](#).

D. Installation Space Requirements

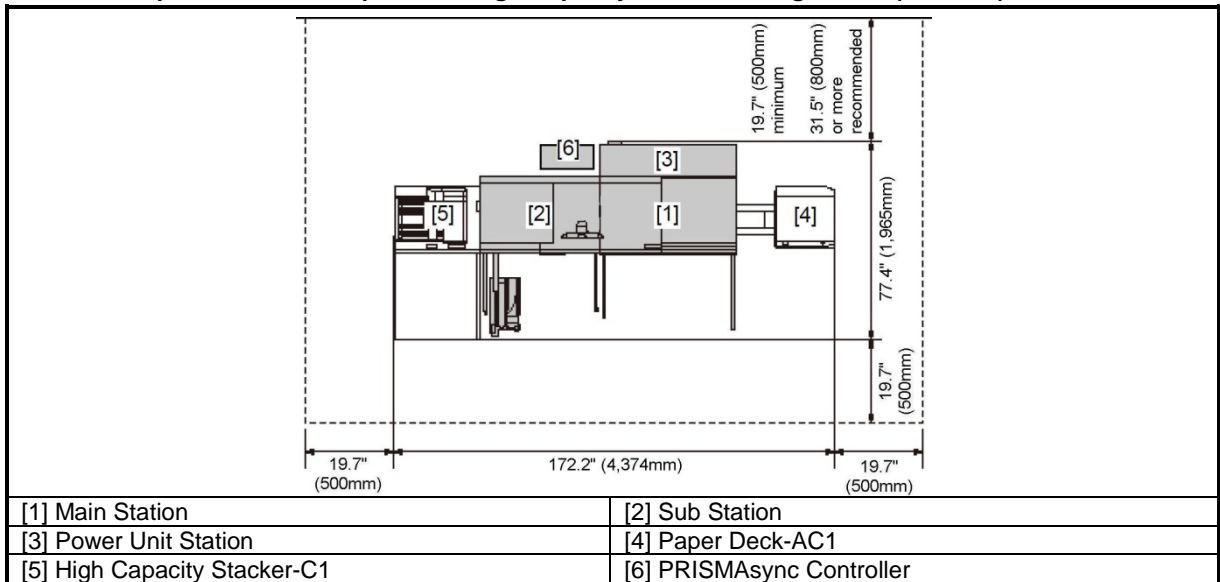
The imagePRESS C7010VPS Series approximate installation space requirements provided below differ, depending on how the digital press is configured with the optional accessories. Refer to the Service Manual for complete installation procedures.

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

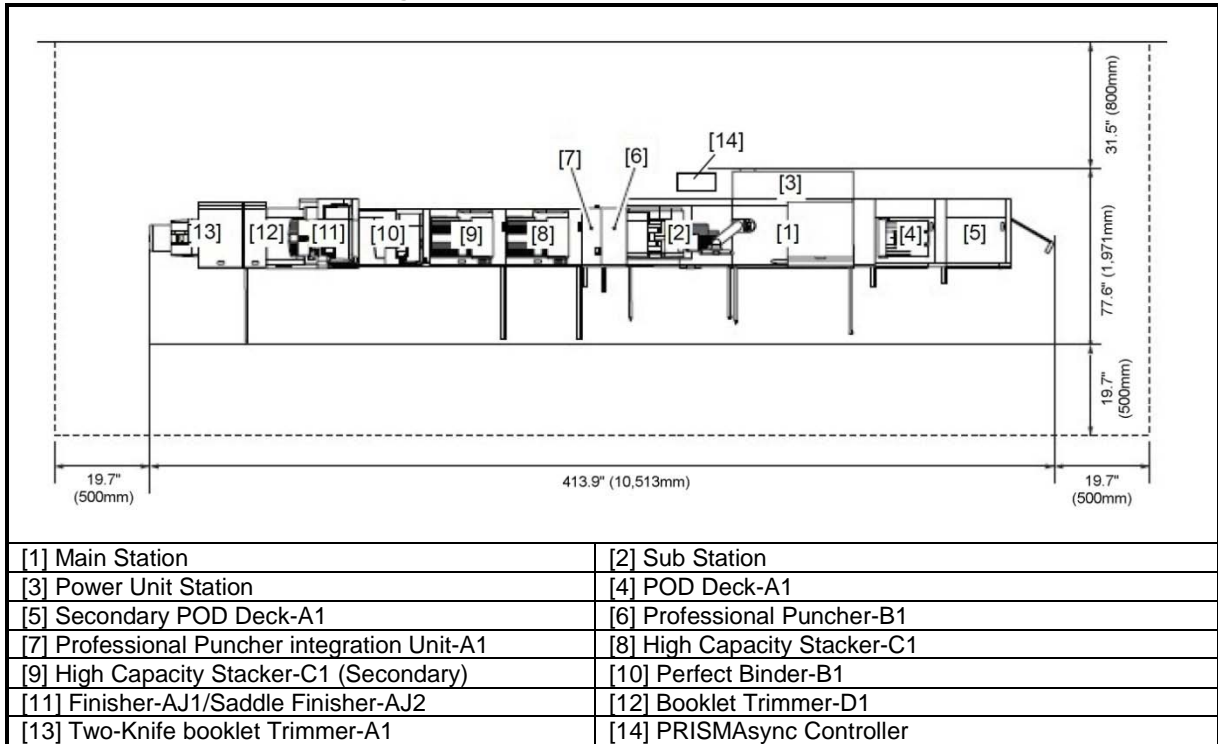
Installation Space Main Unit/Finisher Configuration (Table 14)



Installation Space Main Unit/Paper Deck/High Capacity Stacker Configuration (Table 15)



Installation Space Maximum Configuration (Table 16)



Notes:

- Provide at least 31.5” behind and 19.7” in front and on the sides of the digital press (with all doors and access panels open). See [Installation Space Requirements](#). Elevators used to transport the machine must have a minimum depth of approximately 56”. Additional room may be needed to navigate turns.
- The floor space diagram above is shown with the optional Perfect Binder-B1. The Perfect Binder is not available at the time of launch; however, it will be available in a future release. If the Perfect Binder is needed, make sure the floor space is large enough to accommodate attaching the Perfect Binder when it becomes available.
- The floor must be level (with no bows) for stabilization and be able to support the weight of the machine.
- The weight of the machine is primarily supported by the adjusters and wheels. A floor plate is recommended to distribute the weight when installing the machine on all types of flooring including carpet or wood flooring.
- Do not place anything around the machine. Especially, do not place anything around the breaker, as doing so may prevent the breaker from being operated in an emergency, possibly resulting in personal injury.

E. Firmware Upgrade

1. Computer Requirements for Upgrading

The following are the recommended Desktop PC or laptop specifications²¹ to use for the download:

- CPU: Intel Celeron 400MHz or higher
- Memory: 128MB of RAM or higher
- HDD Capacity: 1GB of available hard disk space (Available disk size depends on the firmware in question and the size of backup data.)
- Access to e-Support via the internet: Firmware is available for download from e-Support.
- CD-ROM Drive with write capability (optional): A CD-ROM drive is not required since the firmware can be downloaded from e-Support to a PC. However, a copy of the firmware can be written to a CD for the Dealer Library.
- Operating environment: Windows 2000/XP
- Connection cable: twisted pair cross cable (in the case of 100Base-Tx, Category 5 or higher)

2. PRISMAsync Controller Firmware

 CAUTION

The parameters of the USB flash drive, used as the USB stick and USB Key, are very specific (see the

²¹ Specifications are subject to change without notice.

Table 61 – USB Flash Drive Specifications). Using a USB flash drive that does not meet these parameters may result in an error when backing up the system or an error during firmware installation.

 **WARNING**

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

a) PRISMAsync Controller System Backup

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

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

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

b) PRISMAsync Controller Firmware Updates

PRISMAsync Controller firmware updates are available as a service part and can be ordered by the dealer.

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

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

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

3. imagePRESS Firmware Update

The Service Support Tool²² (Version 4.52 or later) is available via the Canon USA e-Support Center website for updating the following system components:

- System Software stored on the Hard Disk Drive (HDD)
- Language
- HD Format
- Remote User Interface (RUI) stored on the HDD
- MEAP Cont
- BootROM on the Main Controller Printed Circuit Board (PCB)

The SST Download Progress Monitor²³ is available via the Canon USA e-Support Center website. The tool must be used whenever an imagePRESS firmware update is performed, as it will enable the service technician to monitor the download progress of firmware to the imagePRESS C7010VPS Series.

When the HDD is replaced, the Service Support Tool²² is used to format the new HDD and load software. Canon USA will make the data for these updates available to the dealers via e-Support.

Refer to the Service Manual for complete upgrading procedures.

²² Check the e-Support Center Download Center for the most current version of the Service Support Tool

²³ Check the e-Support Center Download Center for the most current version of the SST Download Progress Monitor.

F. International License Management System

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

To activate the PRISMAsync Controller, the service technician must contact the Canon USA Technical Support Center and provide the following information:

- The Dealer Order Number
- The License Number for the PRISMAsync Controller
- The PRISMAsync Host ID (MAC address)
- The serial number to the imagePRESS Power Station Unit

G. PRISMAprepare and PRISMAaccess Activation

To activate the Océ PRISMAprepare and Océ PRISMAaccess applications the end-user or dealer will need to complete the software Fulfillment authorization Form provided with the package of PRISMAprepare and PRISMAaccess software. Complete the form with the following information:

- The Server Name
- MAC Address or Host ID of the PC
- E-mail Address to send the license file
- Contact Information

Once completed the form must be fax or e-mailed to the contact information provided on the form. The license file to activate the software will be sent to the e-mail address provided on the form.

H. Consumables

Consumables are products and materials which are consumed with regular use and cannot be reused. Such consumables include but are not limited to paper, chemicals and toner.

A number of factors are considered when the approximate yield expectancy of a consumable is determined, including paper size and the amount of coverage per page.

Note: Yields for consumables are estimates for reference purposes only and are subject to change without notice. Actual usage will vary.

Toner (Table 17)

Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)		Remarks
			LTR @ 10% image Duty	LTR @ 12% image Duty	
IPQ-2 Black Toner	0436B003AA	1	35,500	30,000	8.75% image ratio: Approximately 40,000 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	

IPQ-2 Drum (Table 18)

Item	Item Number ⁵	Quantity	imagePRESS (Estimated Condition)	Estimated Yield (copies/prints)		
				LTR	11"x17" @ 80%	11"x17" @ 50%
IPQ-2 Drum	0444B003AA	4	C7010VP (70 ppm)	850,000	538,210	624,051
			C6010VP (60 ppm)	740,000	468,559	543,291
			C6010 (60ppm)	660,000	417,904	484,557
			C6010 (52ppm)	570,000	360,917	418,481
			C6010 (40ppm)	480,000	303,930	352,405

Starter (Table 19)

Item	Item Number ⁵	Quantity	Estimated Yield (copies/Prints)		
			LTR	11"x17" @ 80%	11"x17" @ 50%
Black Starter	0440B001AA	1	750,000	416,667	500,000
Cyan Starter	0441B001AA	1	750,000	416,667	500,000
Magenta Starter	0442B001AA	1	250,000	138,889	166,667
Yellow Starter	0443B001AA	1	750,000	416,667	500,000

I. Periodic Replacement Parts

Periodic replacement parts must be replaced in accordance with periodic maintenance to preserve and enhance the reliability of the digital press.

Below is a list of some of the periodic replacement parts the servicing dealer must replace at the appropriate intervals to maintain the image quality and performance of the machine. This list is not exhaustive, and is provided as a courtesy. Actual user experience may vary.

Note: Yields for periodic replacement parts are for reference purposes only and are subject to change without notice.

Periodic Replacement Parts for imagePRESS C7010VPS (Table 20)

Periodic Replacement Parts for imagePRESS C7010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Primary Charging Wire	FB4-3687-000	AR ²⁴	250,000	166,667	138,889	
Primary Grid Plate	FC8-2295-000	4	250,000	166,667	138,889	
Grid Cleaning Pad	FL3-2894-000	4	250,000	250,000	250,000	
Primary Charging Assembly	FM4-7449-000	4	1,600,000	1,066,667	888,889	
Pad Holder (Primary)	FL2-0464-000	4	250,000	166,667	138,889	
Slider (Primary)	FL2-0462-000	4	250,000	166,667	138,889	
Pre-transfer Charging Wire	FB4-3687-000	AR ²⁴	310,000	206,667	172,222	
Pre-transfer Charging Assembly	FM2-2157-000	1	1,600,000	1,066,667	888,889	
Pad Holder (Pre-transfer)	FL2-0464-000	1	310,000	206,667	172,222	
Slider (Pre-transfer)	FL2-0462-000	1	310,000	206,667	172,222	
Fixing Main Thermistor	FK2-3160-000	2	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly Non-contact type
Fixing Sub Thermistor	FK2-6777-000	2	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly
Pressure Thermistor	FK2-3096-000	1	1,000,000	1,000,000	1,000,000	Secondary fixing only

²⁴ AR (As Required)

Periodic Replacement Parts for imagePRESS C7010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Inlet Thermistor	FK2-3094-000	1	1,000,000	1,000,000	1,000,000	Primary Fixing Belt only
External Heat Thermistor	FK2-3097-000	2	1,000,000	1,000,000	1,000,000	
Fixing Thermoswitch	FM3-0656-000	2	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly
Pressure Thermoswitch	FM3-0655-000	1	1,000,000	1,000,000	1,000,000	Secondary fixing only
External Heat Thermoswitch	FM3-0657-000	4	1,000,000	1,000,000	1,000,000	Two for each Primary/Secondary Fixing Assembly
Ozone Filter (in Intermediate Transfer Unit)	FC6-2153-000	1	1,500,000	1,500,000	1,500,000	
Air Filter (in Intermediate Transfer Unit)	FC6-2152-000	1	1,500,000	1,500,000	1,500,000	
Ozone Filter (Sub Station Rear Left)	FC6-8133-000	4	1,000,000	1,000,000	1,000,000	
Ozone Filter (Sub Station Rear Middle)	FC6-2035-000	2	1,000,000	1,000,000	1,000,000	
Ozone Filter (Main Station)	FC7-4563-000	3	1,500,000	1,500,000	1,500,000	Black, Cyan, Magenta
Ozone Filter (Main Station)	FC9-6014-000	1	1,500,000	1,500,000	1,500,000	Yellow
Toner Filter (Main Station)	FB2-4383-000	4	250,000	250,000	250,000	
Delivery Static Filter (Sub Station)	FC5-9988-000	1	1,000,000	1,000,000	1,000,000	
Bypass Decurler Slave Roller	FC7-1598-000	2	1,000,000	666,667	555,556	Simultaneous replacement with the Feed Belt
Main Station Upper Left Suction Filter	FC9-5783-000	3	1,000,000	1,000,000	1,000,000	
Main Station Upper Right Suction Filter	FC9-6046-000	3	1,000,000	1,000,000	1,000,000	

Periodic Replacement Parts for imagePRESS C6010VPS (Table 21)

Periodic Replacement Parts for imagePRESS C6010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Primary Charging Wire	FB4-3687-000	AR ²⁴	210,000	140,000	116,667	
Primary Grid Plate	FC8-2295-000	4	210,000	140,000	116,667	
Grid Cleaning Pad	FL3-2894-000	4	210,000	210,000	210,000	
Primary Charging Assembly	FM4-7449-000	4	1,400,000	933,333	777,778	
Pad Holder (Primary)	FL2-0464-000	4	210,000	140,000	116,667	
Slider (Primary)	FL2-0462-000	4	210,000	140,000	116,667	
Pre-transfer Charging Wire	FB4-3687-000	AR ²⁴	280,000	186,667	155,556	
Pre-transfer Charging Assembly	FM2-2157-000	1	1,400,000	933,333	777,778	
Pad Holder (Pre-transfer)	FL2-0464-000	1	280,000	186,667	155,556	
Slider (Pre-transfer)	FL2-0462-000	1	280,000	186,667	155,556	
Fixing Main Thermistor	FK2-3160-000	2	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly Non-contact type
Fixing Sub Thermistor	FK2-6777-000	2	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly
Pressure Thermistor	FK2-3096-000	1	1,000,000	1,000,000	1,000,000	Secondary fixing only
Inlet Thermistor	FK2-3094-000	1	1,000,000	1,000,000	1,000,000	Primary Fixing Belt only
External Heat Thermistor	FK2-3097-000	2	1,000,000	1,000,000	1,000,000	
Fixing Thermoswitch	FM3-0656-000	2	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly
Pressure Thermoswitch	FM3-0655-000	1	1,000,000	1,000,000	1,000,000	Secondary fixing only
External Heat Thermoswitch	FM3-0657-000	4	1,000,000	1,000,000	1,000,000	Two for each Primary/Secondary Fixing Assembly

Periodic Replacement Parts for imagePRESS C6010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Ozone Filter (in Intermediate Transfer Unit)	FC6-2153-000	1	1,500,000	1,500,000	1,500,000	
Air Filter (in Intermediate Transfer Unit)	FC6-2152-000	1	1,500,000	1,500,000	1,500,000	
Ozone Filter (Sub Station Rear Left)	FC6-8133-000	4	1,000,000	1,000,000	1,000,000	
Ozone Filter (Sub Station Rear Middle)	FC6-2035-000	2	1,000,000	1,000,000	1,000,000	
Ozone Filter (Main Station)	FC7-4563-000	3	1,500,000	1,500,000	1,500,000	Black, Cyan, Magenta
Ozone Filter (Main Station)	FC9-6014-000	1	1,500,000	1,500,000	1,500,000	Yellow
Toner Filter (Main Station)	FB2-4383-000	4	250,000	250,000	250,000	
Delivery Static Filter (Sub Station)	FC5-9988-000	1	1,000,000	1,000,000	1,000,000	
Bypass Decurler Slave Roller	FC7-1598-000	2	1,000,000	666,667	555,556	Simultaneous replacement with the Feed Belt
Main Station Upper Left Suction Filter	FC9-5783-000	3	1,000,000	1,000,000	1,000,000	
Main Station Upper Right Suction Filter	FC9-6046-000	3	1,000,000	1,000,000	1,000,000	

Periodic Replacement Parts for imagePRESS C6010S (Table 22)

Periodic Replacement Parts for imagePRESS C6010S							
Item	Item Number ⁵	Quantity	Condition (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Primary Charging Wire	FB4-3687-000	AR ²⁴	60 ppm	210,000	140,000	116,667	
			52 ppm	180,000	---	----	
			40 ppm	180,000	---	----	
Primary Grid Plate	FC8-2295-000	4	60 ppm	210,000	140,000	116,667	
			52 ppm	180,000	---	----	
			40 ppm	180,000	---	----	
Grid Cleaning Pad	FL3-2894-000	4	60 ppm	210,000	210,000	210,000	
			52 ppm	180,000	---	----	
			40 ppm	180,000	---	----	
Primary Charging Assembly	FM4-7449-000	4	60 ppm	1,400,000	933,333	777,778	
			52 ppm	1,180,000	---	----	
			40 ppm	1,180,000	---	----	
Pad Holder (Primary)	FL2-0464-000	4	60 ppm	210,000	140,000	116,667	
			52 ppm	180,000	---	----	
			40 ppm	180,000	---	----	
Slider (Primary)	FL2-0462-000	4	60 ppm	210,000	140,000	116,667	
			52 ppm	180,000	---	----	
			40 ppm	180,000	---	----	
Pre-transfer Charging Wire	FB4-3687-000	AR ²⁴	60 ppm	280,000	186,667	155,556	
			52 ppm	230,000	---	----	
			40 ppm	230,000	---	----	
Pre-transfer Charging Assembly	FM2-2157-000	1	60 ppm	1,400,000	933,333	777,778	
			52 ppm	1,180,000	---	----	
			40 ppm	1,180,000	---	----	
Pad Holder (Pre-transfer)	FL2-0464-000	1	60 ppm	280,000	186,667	155,556	
			52 ppm	230,000	---	----	
			40 ppm	230,000	---	----	
Slider (Pre-transfer)	FL2-0462-000	1	60 ppm	280,000	186,667	155,556	
			52 ppm	230,000	---	----	
			40 ppm	230,000	---	----	
Fixing Main Thermistor	FK2-3160-000	2	60/52/40 ppm	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly Non-contact type
Fixing Sub Thermistor	FK2-6777-000	2	60/52/40 ppm	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly
Pressure Thermistor	FK2-3096-000	1	60/52/40 ppm	1,000,000	1,000,000	1,000,000	Secondary fixing only
Inlet Thermistor	FK2-3094-000	1	60/52/40 ppm	1,000,000	1,000,000	1,000,000	Primary Fixing Belt only
External Heat Thermistor	FK2-3097-000	2	60/52/40 ppm	1,000,000	1,000,000	1,000,000	
Fixing Thermoswitch	FM3-0656-000	2	60/52/40 ppm	1,000,000	1,000,000	1,000,000	One for each Primary/Secondary Fixing Assembly
Pressure Thermoswitch	FM3-0655-000	1	60/52/40 ppm	1,000,000	1,000,000	1,000,000	Secondary fixing only
External Heat Thermoswitch	FM3-0657-000	4	60/52/40 ppm	1,000,000	1,000,000	1,000,000	Two for each Primary/Secondary Fixing Assembly

Periodic Replacement Parts for imagePRESS C6010S							
Item	Item Number ⁵	Quantity	Condition (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Ozone Filter (in Intermediate Transfer Unit)	FC6-2153-000	1	60/52/40 ppm	1,500,000	1,500,000	1,500,000	
Air Filter (in Intermediate Transfer Unit)	FC6-2152-000	1	60/52/40 ppm	1,500,000	1,500,000	1,500,000	
Ozone Filter (Sub Station Rear Left)	FC6-8133-000	4	60/52/40 ppm	1,000,000	1,000,000	1,000,000	
Ozone Filter (Sub Station Rear Middle)	FC6-2035-000	2	60/52/40 ppm	1,000,000	1,000,000	1,000,000	
Ozone Filter (Main Station)	FC7-4563-000	3	60/52/40 ppm	1,500,000	1,500,000	1,500,000	Black, Cyan, Magenta
Ozone Filter (Main Station)	FC9-6014-000	1	60/52/40 ppm	1,500,000	1,500,000	1,500,000	Yellow
Toner Filter (Main Station)	FB2-4383-000	4	60/52/40 ppm	250,000	250,000	250,000	
Delivery Static Filter (Sub Station)	FC5-9988-000	1	60/52/40 ppm	1,000,000	1,000,000	1,000,000	
Bypass Decurler Slave Roller	FC7-1598-000	2	60/52/40 ppm	1,000,000	666,667	555,556	Simultaneous replacement with the Feed Belt
Main Station Upper Left Suction Filter	FC9-5783-000	3	60/52/40 ppm	1,000,000	1,000,000	1,000,000	
Main Station Upper Right Suction Filter	FC9-6046-000	3	60/52/40 ppm	1,000,000	1,000,000	1,000,000	

J. Consumable Parts

Consumable parts are defined as those parts having a limited yield that will be reached during a customer’s specific machine operation and should be replaced as needed. Examples of consumable parts may include but are not limited to feed rollers, cleaner blades, etc. The consumable parts provided below show an estimated yield to assist in the initial parts/supplies planning.

Note: All consumable parts shown in the below tables are for reference purposes only and are subject to change without notice.

Main Unit Consumable Parts for imagePRESS C7010VPS (Table 23)

Main Unit Consumable Parts for imagePRESS C7010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Developing Assembly (Y/M/C/Bk)	FM4-7440-000	4	1,500,000	1,000,000	833,333	
Sub Hopper Stirring Motor	FL2-6139-000	4	4,500,000	4,500,000	4,500,000	
Drum Cleaning Blade	FC5-8829-000	4	1,700,000	1,248,101	1,076,419	Simultaneous replacement with the Photosensitive Drum
Side Seal (F)	FL2-2707-000	4	850,000	624,051	538,210	
Side Seal (R)	FL2-2708-000	4	850,000	624,051	538,210	
Scoop-up Sheet	FL2-2709-000	4	850,000	624,051	538,210	
End Seal (F)	FL2-2713-000	4	1,700,000	1,248,101	1,076,419	Simultaneous replacement with the Cleaning Blade
End Seal (R)	FL2-2714-000	4	1,700,000	1,248,101	1,076,419	
Drum Cleaner Brush Roller	FC5-8837-000	4	1,700,000	1,248,101	1,076,419	
Transfer Belt (ITB)	FM3-1644-000	1	1,800,000	1,200,000	1,000,000	
Primary Transfer Roller	FC8-6852-000	4	900,000	600,000	500,000	
Secondary Transfer Inner Roller	FC5-9252-000	1	600,000	400,000	333,333	
ITB Inner Surface Cleaning Scraper	FM2-2145-000	1	2,400,000	666,667	555,556	Simultaneous replacement with the ITB
Secondary Transfer Outer Roller	FC9-6091-000	1	300,000	200,000	166,667	Simultaneous replacement with the Secondary Transfer Cleaning Brush Roller
Secondary Transfer Cleaner Unit	FM2-2171-000	1	1,200,000	800,000	666,667	
Secondary Transfer Cleaning Brush Roller	FC5-9335-000	2	300,000	200,000	166,667	Simultaneous replacement with the Secondary Transfer Outer Roller
Leading Edge Registration Patch Cleaning Shutter	FL2-2024-000	1	600,000	400,000	333,333	
Torque Limiter (ITB drive roller)	FC9-6114-000	1	1,200,000	750,000	750,000	

Main Unit Consumable Parts for imagePRESS C7010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
ITB cleaning blade	FC6-4910-000	2	1,200,000	800,000	666,667	
ITB cleaning brush roller	FC5-9156-000	2	600,000	400,000	333,333	
Secondary transfer inlet guide (upper)	FL3-5839-000	1	1,800,000	1,200,000	1,000,000	
Secondary transfer inlet guide (lower)	FL2-4114-000	1	1,800,000	1,200,000	1,000,000	
Toner blocking sheet 5	FL2-4118-000	1	1,800,000	1,200,000	1,000,000	
Fixing roller (primary)	FL2-6945-000	1	500,000	333,333	277,778	
Fixing roller (secondary)	FL3-6096-000	1	300,000	200,000	166,667	
Fixing Belt	FL2-6530-000	1	300,000	200,000	166,667	
Pressure Pad	FL2-2649-000	1	300,000	200,000	166,667	
Pad Cover	FL2-6259-000	1	300,000	200,000	166,667	
Oil Coating Roller	FL2-5453-000	1	300,000	200,000	166,667	
Fixing Web	FC5-9778-000	2	300,000	200,000	166,667	One (1) for each Primary/Secondary Fixing Assembly
Fixing Web Roller	FC5-9761-000	2	1,000,000	666,667	555,556	
External Heat Roller	FC7-0932-000	4	750,000	500,000	416,667	
Fixing Pressure Roller	FC9-6116-000	1	300,000	200,000	166,667	
Steering Roller	FC5-9766-000	1	600,000	400,000	333,333	
Delivery lower separation claw (primary)	FM3-2100-000	6	1,000,000	666,667	555,556	
Delivery lower separation claw (secondary)	FM2-2309-000	6	1,000,000	666,667	555,556	
Separation plate (primary)	FM2-2218-000	1	1,000,000	666,667	555,556	
Secondary Separation Plate	FM2-2310-000	1	1,000,000	666,667	555,556	
Insulating Bush (Fixing Roller) Roller	FB4-3689-000	4	1,000,000	666,667	555,556	Two (2) for each Primary/Secondary Fixing Assembly
Bearing (Fixing Roller)	XG9-0419-000	4	3,000,000	2,000,000	1,666,667	
Insulating Bush (External Heat Roller)	FC5-2582-000	8	750,000	500,000	416,667	Four (4) for each Primary/Secondary Fixing Assembly
Bearing (External Heat Roller)	XG9-0584-000	8	1,000,000	666,667	555,556	
Insulating Bush (Pressure Roller)	FB6-6519-000	2	900,000	600,000	500,000	Secondary Fixing Assembly only

Main Unit Consumable Parts for imagePRESS C7010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Bearing (Pressure Roller)	XG9-0378-000	2	3,000,000	2,000,000	1,666,667	Secondary Fixing Assembly only
Bearing 1 (Fixing Belt)	XG9-0585-000	2	1,000,000	666,667	555,556	
Bearing 3 (Fixing Belt)	XG9-0407-000	2	1,000,000	666,667	555,556	
Bearing 4 (Fixing Belt)	XG9-0177-000	2	1,000,000	666,667	555,556	
Bearing 5 (Fixing Belt)	XG9-0593-000	2	1,000,000	666,667	555,556	
External Heat Cleaning Roller	FC7-7041-000	4	750,000	500,000	416,667	Two (2) for each Primary/Secondary Fixing Assembly
ITB Side Seal (F)	FL2-2407-000	1	2,400,000	1,200,000	1,000,000	Simultaneous replacement with the ITB
ITB Side Seal (R)	FL2-2406-000	1	2,400,000	1,200,000	1,000,000	
Skew roller	FC5-9721-000	3	500,000	333,333	277,778	
Skew roller cleaning member	FL2-4074-000	3	500,000	333,333	277,778	Simultaneous replacement with the Skew Roller
Refresh Roller	FM3-1648-000	2	250,000	166,667	138,889	Simultaneous replacement with the Refresh Cleaning Roller
Refresh Cleaning Roller	FL2-6260-000	2	250,000	166,667	138,889	Simultaneous replacement with the Refresh Roller
Inside delivery lower roller (primary)	FC8-6847-000	1	4,500,000	4,500,000	4,500,000	
Inside delivery lower roller (secondary)	FC8-6848-000	1	4,500,000	4,500,000	4,500,000	
Tandem feed roller	FC6-2251-000	2	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Feed roller (confluence unit)	FC9-5898-000	1	4,500,000	3,000,000	2,500,000	
One-way Clutch (Outer Delivery)	FU6-0378-000	1	3,000,000	2,000,000	1,666,667	
Delivery drive roller	FC9-5909-000	2	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery or 2-sided copy. Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Delivery drive roller 2	FC9-5911-000	1	4,500,000	3,000,000	2,500,000	
Slave roller (Delivery inversion roller unit)	FL2-2016-000	3	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery or 2-sided copy.
Tandem slave roller		2	4,500,000	3,000,000	2,500,000	
Bypass slave roller		3	4,500,000	3,000,000	2,500,000	
Slave roller (confluence unit)		2	4,500,000	3,000,000	2,500,000	
Outside delivery roller	FC5-9885-000	1	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at
De-curl roller	FC5-9904-000	2	1,000,000	666,667	555,556	

Main Unit Consumable Parts for imagePRESS C7010VPS						
Item	Item Number ⁵	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Bypass feed roller A	FC5-9833-000	2	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Bypass Feed Roller A (Merging Unit)	FC9-5900-000	1	4,500,000	3,000,000	2,500,000	
Bypass Feed C Roller C	FC5-9835-000	1	4,500,000	3,000,000	2,500,000	
Delivery inversion roller	FC6-9463-000	3	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery and 2-sided copy. Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Duplexing inversion roller	FC9-9464-000	2	4,500,000	3,000,000	2,500,000	
Sponge roller	FC6-3342-000	1	4,500,000	3,000,000	2,500,000	
Feed belt (confluence unit)	FC7-4600-000	10	1,000,000	666,667	555,556	Simultaneous replacement with the Decurler Drive Roller Apply grease to inner circumference of Shaft Support at replacement. (Super Lube grease)
Feed belt (duplexing decurler)	FC7-4600-000	10	1,500,000	1,000,000	833,333	Apply grease to inner circumference of Shaft Support at replacement. (Super Lube grease)
Decurler backup roller cleaning brush	FL3-5095-000	2	250,000	250,000	250,000	
Drum patch sensor (Y,M)	FM4-2561-000	2	4,500,000	4,500,000	4,500,000	
Drum patch sensor (C,Bk)	FM4-2562-000	2	4,500,000	4,500,000	4,500,000	
Fixing web solenoid	FM3-2134-000	2	4,500,000	3,000,000	2,500,000	One (1) for each Primary/Secondary Fixing Assembly
ITB cleaner drive unit	FM2-2151-000	1	4,500,000	3,000,000	2,500,000	
Swing gear 20Z (confluence unit)	FL3-2873-000	1	4,500,000	3,000,000	2,500,000	
Z17 gear (delivery inversion unit)	FL3-2874-000	1	4,500,000	3,000,000	2,500,000	
S2M30T pulley (confluence unit)	FL3-2875-000	1	4,500,000	3,000,000	2,500,000	
S2M30T pulley (delivery inversion unit)		1	4,500,000	3,000,000	2,500,000	
Z18 gear	FL3-2876-000	1	4,500,000	3,000,000	2,500,000	
Pre-registration roller (upper)	FC5-2151-000	1	120,000	80,000	66,667	Stack Bypass Actual use in terms of number of pages
Separation roller	FB5-0873-000	1	120,000	80,000	66,667	
Pickup roller	FB1-8581-000	1	120,000	80,000	66,667	
Torque limiter	FB6-3410-000	1	120,000	80,000	66,667	
One-way clutch	FB6-3463-000	1	120,000	80,000	66,667	
Solenoid	FK2-0115-000	1	120,000	80,000	66,667	

Main Unit Consumable Parts for imagePRESS C6010VPS (Table 24)

Main Unit Consumable Parts for imagePRESS C6010VPS						
Item	Item Number	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Developing Assembly (Y/M/C/Bk)	FM4-7440-000	4	1,500,000	1,000,000	833,333	
Sub Hopper Stirring Motor	FL2-6139-000	4	4,500,000	4,500,000	4,500,000	
Drum Cleaning Blade	FC5-8829-000	4	1,480,000	1,086,582	937,118	Simultaneous replacement with the Photosensitive Drum
Side Seal (F)	FL2-2707-000	4	740,000	543,291	468,559	
Side Seal (R)	FL2-2708-000	4	740,000	543,291	468,559	
Scoop-up Sheet	FL2-2709-000	4	740,000	543,291	468,559	
End Seal (F)	FL2-2713-000	4	1,480,000	1,086,582	937,118	Simultaneous replacement with the Cleaning Blade
End Seal (R)	FL2-2714-000	4	1,480,000	1,086,582	937,118	
Drum Cleaner Brush Roller	FC5-8837-000	4	1,480,000	1,086,582	937,118	
Transfer Belt (ITB)	FM3-1644-000	1	1,800,000	1,200,000	1,000,000	
Primary Transfer Roller	FC8-6852-000	4	900,000	600,000	500,000	
Secondary Transfer Inner Roller	FC5-9252-000	1	600,000	400,000	333,333	
ITB Inner Surface Cleaning Scraper	FM2-2145-000	1	2,400,000	666,667	555,556	Simultaneous replacement with the ITB
Secondary Transfer Outer Roller	FC9-6091-000	1	300,000	200,000	166,667	Simultaneous replacement with the Secondary Transfer Cleaning Brush Roller
Secondary Transfer Cleaner Unit	FM2-2171-000	1	1,200,000	800,000	666,667	Including the Secondary Transfer Cleaning Brush Roller
Secondary Transfer Cleaning Brush Roller	FC5-9335-000	2	300,000	200,000	166,667	Simultaneous replacement with the Secondary Transfer Outer Roller
Leading Edge Registration Patch Cleaning Shutter	FL2-2024-000	1	600,000	400,000	333,333	
Torque Limiter (ITB drive roller)	FC9-6114-000	1	1,200,000	750,000	750,000	
ITB cleaning blade	FC6-4910-000	2	1,200,000	800,000	666,667	
ITB cleaning brush roller	FC5-9156-000	2	600,000	400,000	333,333	
Secondary transfer inlet guide (upper)	FL3-5839-000	1	1,800,000	1,200,000	1,000,000	
Secondary transfer inlet guide (lower)	FL2-4114-000	1	1,800,000	1,200,000	1,000,000	
Toner blocking sheet 5	FL2-4118-000	1	1,800,000	1,200,000	1,000,000	
Fixing roller (primary)	FL2-6945-000	1	500,000	333,333	277,778	Primary Fixing Assembly

Main Unit Consumable Parts for imagePRESS C6010VPS						
Item	Item Number	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Fixing roller (secondary)	FL3-6096-000	1	300,000	200,000	166,667	Secondary Fixing Assembly
Fixing Belt	FL2-6530-000	1	300,000	200,000	166,667	
Pressure Pad	FL2-2649-000	1	300,000	200,000	166,667	
Pad Cover	FL2-6259-000	1	300,000	200,000	166,667	
Oil Coating Roller	FL2-5453-000	1	300,000	200,000	166,667	
Fixing Web	FC5-9778-000	2	300,000	200,000	166,667	One (1) for each Primary/Secondary Fixing Assembly
Fixing Web Roller	FC5-9761-000	2	1,000,000	666,667	555,556	
External Heat Roller	FC7-0932-000	4	750,000	500,000	416,667	
Fixing Pressure Roller	FC9-6116-000	1	300,000	200,000	166,667	Secondary Fixing Assembly only
Steering Roller	FC5-9766-000	1	600,000	400,000	333,333	
Delivery lower separation claw (primary)	FM3-2100-000	6	1,000,000	666,667	555,556	Primary Fixing Assembly
Delivery lower separation claw (secondary)	FM2-2309-000	6	1,000,000	666,667	555,556	Secondary Fixing Assembly
Separation plate (primary)	FM2-2218-000	1	1,000,000	666,667	555,556	Primary Fixing Assembly
Secondary Separation Plate	FM2-2310-000	1	1,000,000	666,667	555,556	Secondary Fixing Assembly
Insulating Bush (Fixing Roller)	FB4-3689-000	4	1,000,000	666,667	555,556	Two (2) for each Primary/Secondary Fixing Assembly
Bearing (Fixing Roller)	XG9-0419-000	4	3,000,000	2,000,000	1,666,667	
Insulating Bush (External Heat Roller)	FC5-2582-000	8	750,000	500,000	416,667	Four (4) for each Primary/Secondary Fixing Assembly
Bearing (External Heat Roller)	XG9-0584-000	8	1,000,000	666,667	555,556	
Insulating Bush (Pressure Roller)	FB6-6519-000	2	900,000	600,000	500,000	Secondary Fixing Assembly only
Bearing (Pressure Roller)	XG9-0378-000	2	3,000,000	2,000,000	1,666,667	
Bearing 1 (Fixing Belt)	XG9-0585-000	2	1,000,000	666,667	555,556	
Bearing 3 (Fixing Belt)	XG9-0407-000	2	1,000,000	666,667	555,556	
Bearing 4 (Fixing Belt)	XG9-0177-000	2	1,000,000	666,667	555,556	
Bearing 5 (Fixing Belt)	XG9-0593-000	2	1,000,000	666,667	555,556	
External Heat Cleaning Roller	FC7-7041-000	4	750,000	500,000	416,667	Two for each Primary/Secondary Fixing Assembly

Main Unit Consumable Parts for imagePRESS C6010VPS						
Item	Item Number	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
ITB Side Seal (F)	FL2-2407-000	1	2,400,000	1,200,000	1,000,000	Simultaneous replacement with the ITB
ITB Side Seal (R)	FL2-2406-000	1	2,400,000	1,200,000	1,000,000	
Skew roller	FC5-9721-000	3	500,000	333,333	277,778	
Skew roller cleaning member	FL2-4074-000	3	500,000	333,333	277,778	Simultaneous replacement with the Skew Roller
Refresh Roller	FM3-1648-000	2	250,000	166,667	138,889	Simultaneous replacement with Refresh Cleaning Roller
Refresh Cleaning Roller	FL2-6260-000	2	250,000	166,667	138,889	Simultaneous replacement with the Refresh Roller
Inside delivery lower roller (primary)	FC8-6847-000	1	4,500,000	4,500,000	4,500,000	
Inside delivery lower roller (secondary)	FC8-6848-000	1	4,500,000	4,500,000	4,500,000	
Tandem feed roller	FC6-2251-000	2	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Feed roller (confluence unit)	FC9-5898-000	1	4,500,000	3,000,000	2,500,000	
One-way Clutch (Outer Delivery)	FU6-0378-000	1	3,000,000	2,000,000	1,666,667	
Delivery drive roller	FC9-5909-000	2	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery or 2-sided copy. Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Delivery drive roller 2	FC9-5911-000	1	4,500,000	3,000,000	2,500,000	
Slave roller (Delivery inversion roller unit)	FL2-2016-000	3	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery or 2-sided copy.
Tandem slave roller		2	4,500,000	3,000,000	2,500,000	
Bypass slave roller		3	4,500,000	3,000,000	2,500,000	
Slave roller (confluence unit)		2	4,500,000	3,000,000	2,500,000	
Outside delivery roller	FC5-9885-000	1	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
De-curl roller	FC5-9904-000	2	1,000,000	666,667	555,556	
Bypass feed roller A	FC5-9833-000	2	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Bypass Feed Roller A (Merging Unit)	FC9-5900-000	1	4,500,000	3,000,000	2,500,000	
Delivery inversion roller	FC6-9463-000	3	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery and 2-sided copy. Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Duplexing inversion roller	FC9-9464-000	2	4,500,000	3,000,000	2,500,000	
Bypass Feed C Roller C	FC5-9835-000	1	4,500,000	3,000,000	2,500,000	

Main Unit Consumable Parts for imagePRESS C6010VPS						
Item	Item Number	Quantity	Estimated Yield (copies/prints)			Remarks
			LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Sponge roller	FC6-3342-000	1	4,500,000	3,000,000	2,500,000	
Feed belt (confluence unit)	FC7-4600-000	10	1,000,000	666,667	555,556	Simultaneous replacement with the Decurler Drive Roller. Apply grease to inner circumference of Shaft Support at replacement. (Super Lube grease)
Feed belt (duplexing decurler)	FC7-4600-000	10	1,500,000	1,000,000	833,333	Apply grease to inner circumference of Shaft Support at replacement. (Super Lube grease)
Decurler backup roller cleaning brush	FL3-5095-000	2	250,000	250,000	250,000	
Drum patch sensor (Y,M)	FM4-2561-000	2	4,500,000	4,500,000	4,500,000	
Drum patch sensor (C,Bk)	FM4-2562-000	2	4,500,000	4,500,000	4,500,000	
Fixing web solenoid	FM3-2134-000	2	4,500,000	3,000,000	2,500,000	One (1) for each Primary/Secondary Fixing Assembly
ITB cleaner drive unit	FM2-2151-000	1	4,500,000	3,000,000	2,500,000	
Swing gear 20Z (confluence unit)	FL3-2873-000	1	4,500,000	3,000,000	2,500,000	
Z17 gear (delivery inversion unit)	FL3-2874-000	1	4,500,000	3,000,000	2,500,000	
S2M30T pulley (confluence unit)	FL3-2875-000	1	4,500,000	3,000,000	2,500,000	
S2M30T pulley (delivery inversion unit)		1	4,500,000	3,000,000	2,500,000	
Z18 gear	FL3-2876-000	1	4,500,000	3,000,000	2,500,000	
Pre-registration roller (upper)	FC5-2151-000	1	120,000	80,000	66,667	Stack Bypass Actual use in terms of number of pages
Separation roller	FB5-0873-000	1	120,000	80,000	66,667	
Pickup roller	FB1-8581-000	1	120,000	80,000	66,667	
Torque limiter	FB6-3410-000	1	120,000	80,000	66,667	
One-way clutch	FB6-3463-000	1	120,000	80,000	66,667	
Solenoid	FK2-0115-000	1	120,000	80,000	66,667	

Main Unit Consumable Parts for imagePRESS C6010S (Table 25)

Main Unit Consumable Parts for C6010S							
Item	Item Number ⁵	Quantity	Conditions (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Developing Assembly (Y/M/C/Bk)	FM4-7440-000	4	60/52/40ppm	1,500,000	1,000,000	833,333	
Sub Hopper Stirring Motor	FL2-6139-000	4	60/52/40ppm	4,500,000	4,500,000	4,500,000	
Drum Cleaning Blade	FC5-8829-000	4	60 ppm	1,320,000	969,114	835,808	Simultaneous replacement with the Photosensitive Drum
			52 ppm	1,140,000	---	---	
			40 ppm	960,000	---	---	
Side Seal (F)	FL2-2707-000	4	60 ppm	660,000	484,557	417,904	
			52 ppm	570,000	---	---	
			40 ppm	480,000	---	---	
Side Seal (R)	FL2-2708-000	4	60 ppm	660,000	484,557	417,904	
			52 ppm	570,000	---	---	
			40 ppm	480,000	---	---	
Scoop-up Sheet	FL2-2709-000	4	60 ppm	660,000	484,557	417,904	
			52 ppm	570,000	---	---	
			40 ppm	480,000	---	---	
End Seal (F)	FL2-2713-000	4	60 ppm	1,320,000	969,114	835,808	Simultaneous replacement with the Cleaning Blade
			52 ppm	1,140,000	---	---	
			40 ppm	960,000	---	---	
End Seal (R)	FL2-2714-000	4	60 ppm	1,320,000	969,114	835,808	
			52 ppm	1,140,000	---	---	
			40 ppm	960,000	---	---	
Drum Cleaner Brush Roller	FC5-8837-000	4	60 ppm	1,320,000	969,114	835,808	
			52 ppm	1,140,000	---	---	
			40 ppm	960,000	---	---	
Transfer Belt (ITB)	FM3-1644-000	1	60/52/40 ppm	1,800,000	1,200,000	1,000,000	
Primary Transfer Roller	FC8-6852-000	4	60/52/40 ppm	900,000	600,000	500,000	
Secondary Transfer Inner Roller	FC5-9252-000	1	60/52/40 ppm	600,000	400,000	333,333	
ITB Inner Surface Cleaning Scraper	FM2-2145-000	1	60/52/40 ppm	2,400,000	666,667	555,556	Simultaneous replacement with the ITB
Secondary Transfer Outer Roller	FC9-6091-000	1	60/52/40 ppm	300,000	200,000	166,667	Simultaneous replacement with the Secondary Transfer Cleaning Brush Roller
Secondary Transfer Cleaner Unit	FM2-2171-000	1	60/52/40 ppm	1,200,000	800,000	666,667	Including the Secondary Transfer Cleaning Brush Roller
Secondary Transfer Cleaning Brush Roller	FC5-9335-000	2	60/52/40 ppm	300,000	200,000	166,667	Simultaneous replacement with the Secondary Transfer Outer Roller
Leading Edge Registration Patch Cleaning Shutter	FL2-2024-000	1	60/52/40 ppm	600,000	400,000	333,333	
Torque Limiter (ITB drive roller)	FC9-6114-000	1	60/52/40 ppm	1,200,000	750,000	750,000	
ITB cleaning blade	FC6-4910-000	2	60/52/40 ppm	1,200,000	800,000	666,667	

Main Unit Consumable Parts for C6010S							
Item	Item Number ⁵	Quantity	Conditions (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
ITB cleaning brush roller	FC5-9156-000	2	60/52/40 ppm	600,000	400,000	333,333	
Secondary transfer inlet guide (upper)	FL3-5839-000	1	60/52/40 ppm	1,800,000	1,200,000	1,000,000	
Secondary transfer inlet guide (lower)	FL2-4114-000	1	60/52/40 ppm	1,800,000	1,200,000	1,000,000	
Toner blocking sheet 5	FL2-4118-000	1	60/52/40 ppm	1,800,000	1,200,000	1,000,000	
Fixing roller (primary)	FL2-6945-000	1	60/52/40 ppm	500,000	333,333	277,778	Primary Fixing Assembly
Fixing roller (secondary)	FL3-6096-000	1	60/52/40 ppm	300,000	200,000	166,667	Secondary Fixing Assembly
Fixing Belt	FL2-6530-000	1	60/52/40 ppm	300,000	200,000	166,667	
Pressure Pad	FL2-2649-000	1	60/52/40 ppm	300,000	200,000	166,667	
Pad Cover	FL2-6259-000	1	60/52/40 ppm	300,000	200,000	166,667	
Oil Coating Roller	FL2-5453-000	1	60/52/40 ppm	300,000	200,000	166,667	
Fixing Web	FC5-9778-000	2	60/52/40 ppm	300,000	200,000	166,667	One for each Primary/Secondary Fixing Assembly
Fixing Web Roller	FC5-9761-000	2	60/52/40 ppm	1,000,000	666,667	555,556	
External Heat Roller	FC7-0932-000	4	60/52/40 ppm	750,000	500,000	416,667	
Fixing Pressure Roller	FC9-6116-000	1	60/52/40 ppm	300,000	200,000	166,667	Secondary Fixing Assembly only
Steering Roller	FC5-9766-000	1	60/52/40 ppm	600,000	400,000	333,333	
Delivery lower separation claw (primary)	FM3-2100-000	6	60/52/40 ppm	1,000,000	666,667	555,556	Primary Fixing Assembly
Delivery lower separation claw (secondary)	FM2-2309-000	6	60/52/40 ppm	1,000,000	666,667	555,556	Secondary Fixing Assembly
Separation plate (primary)	FM2-2218-000	1	60/52/40 ppm	1,000,000	666,667	555,556	Primary Fixing Assembly
Secondary Separation Plate	FM2-2310-000	1	60/52/40 ppm	1,000,000	666,667	555,556	Secondary Fixing Assembly
Insulating Bush (Fixing Roller)	FB4-3689-000	4	60/52/40 ppm	1,000,000	666,667	555,556	Two(2) for each Primary/Secondary Fixing Assembly
Bearing (Fixing Roller)	XG9-0419-000	4	60/52/40 ppm	3,000,000	2,000,000	1,666,667	
Insulating Bush (External Heat Roller)	FC5-2582-000	8	60/52/40 ppm	750,000	500,000	416,667	Four (4) for each Primary/Secondary Fixing Assembly
Bearing (External Heat Roller)	XG9-0584-000	8	60/52/40 ppm	1,000,000	666,667	555,556	
Insulating Bush (Pressure Roller)	FB6-6519-000	2	60/52/40 ppm	900,000	600,000	500,000	Secondary Fixing Assembly only
Bearing (Pressure Roller)	XG9-0378-000	2	60/52/40 ppm	3,000,000	2,000,000	1,666,667	

Main Unit Consumable Parts for C6010S							
Item	Item Number ⁵	Quantity	Conditions (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Bearing 1 (Fixing Belt)	XG9-0585-000	2	60/52/40 ppm	1,000,000	666,667	555,556	
Bearing 3 (Fixing Belt)	XG9-0407-000	2	60/52/40 ppm	1,000,000	666,667	555,556	
Bearing 4 (Fixing Belt)	XG9-0177-000	2	60/52/40 ppm	1,000,000	666,667	555,556	
Bearing 5 (Fixing Belt)	XG9-0593-000	2	60/52/40 ppm	1,000,000	666,667	555,556	
External Heat Cleaning Roller	FC7-7041-000	4	60/52/40 ppm	750,000	500,000	416,667	Two (2) for each Primary/Secondary Fixing Assembly
ITB Side Seal (F)	FL2-2407-000	1	60/52/40 ppm	2,400,000	1,200,000	1,000,000	Simultaneous replacement with the ITB
ITB Side Seal (R)	FL2-2406-000	1	60/52/40 ppm	2,400,000	1,200,000	1,000,000	
Skew roller	FC5-9721-000	3	60/52/40 ppm	500,000	333,333	277,778	
Skew roller cleaning member	FL2-4074-000	3	60/52/40 ppm	500,000	333,333	277,778	Simultaneous replacement with the Skew Roller
Refresh Roller	FM3-1648-000	2	60/52/40 ppm	250,000	166,667	138,889	Simultaneous replacement with the Refresh Cleaning Roller
Refresh Cleaning Roller	FL2-6260-000	2	60/52/40 ppm	250,000	166,667	138,889	Simultaneous replacement with the Refresh Roller
Inside delivery lower roller (primary)	FC8-6847-000	1	60/52/40 ppm	4,500,000	4,500,000	4,500,000	
Inside delivery lower roller (secondary)	FC8-6848-000	1	60/52/40 ppm	4,500,000	4,500,000	4,500,000	
Tandem feed roller	FC6-2251-000	2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Feed roller (confluence unit)	FC9-5898-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Delivery drive roller	FC9-5909-000	2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery or 2-sided copy. Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Delivery drive roller 2	FC9-5911-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
One-way Clutch (Outer Delivery)	FU6-0378-000	1	60/52/40 ppm	3,000,000	2,000,000	1,666,667	
Slave roller (Delivery inversion roller unit)	FL2-2016-000	3	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery or 2-sided copy.
Tandem slave roller		2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Bypass slave roller		3	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Slave roller (confluence unit)		2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	

Main Unit Consumable Parts for C6010S							
Item	Item Number ⁵	Quantity	Conditions (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Outside delivery roller	FC5-9885-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
De-curl roller	FC5-9904-000	2	60/52/40 ppm	1,000,000	666,667	555,556	
Bypass feed roller A	FC5-9833-000	2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Bypass Feed Roller A (Merging Unit)	FC9-5900-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Bypass Feed C Roller C	FC5-9835-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Delivery inversion roller	FC6-9463-000	3	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Use at the time of reverse delivery and 2-sided copy. Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Duplexing inversion roller	FC9-9464-000	2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	Apply grease to inner circumference of bearing at replacement. (Super Lube grease)
Sponge roller	FC6-3342-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Feed belt (confluence unit)	FC7-4600-000	10	60/52/40 ppm	1,000,000	666,667	555,556	Simultaneous replacement with the Decurler Drive Roller. Apply grease to inner circumference of Shaft Support at replacement. (Super Lube grease)
Feed belt (duplexing de-curler)	FC7-4600-000	10	60/52/40 ppm	1,500,000	1,000,000	833,333	Apply grease to inner circumference of Shaft Support at replacement. (Super Lube grease)
Decurler backup roller cleaning brush	FL3-5095-000	2	60/52/40 ppm	250,000	250,000	250,000	
Drum patch sensor (Y,M)	FM4-2561-000	2	60/52/40 ppm	4,500,000	4,500,000	4,500,000	
Drum patch sensor (C,Bk)	FM4-2562-000	2	60/52/40 ppm	4,500,000	4,500,000	4,500,000	
Fixing web solenoid	FM3-2134-000	2	60/52/40 ppm	4,500,000	3,000,000	2,500,000	One (1) for each Primary/Secondary Fixing Assembly
ITB cleaner drive unit	FM2-2151-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Swing gear 20Z (confluence unit)	FL3-2873-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Z17 gear (delivery inversion unit)	FL3-2874-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
S2M30T pulley (confluence unit)	FL3-2875-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
S2M30T pulley (delivery inversion unit)		1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	

Main Unit Consumable Parts for C6010S							
Item	Item Number ⁵	Quantity	Conditions (Estimated)	Estimated Yield (copies/prints)			Remarks
				LTR	@ 50% 11"x17"	@ 80% 11"x17"	
Z18 gear	FL3-2876-000	1	60/52/40 ppm	4,500,000	3,000,000	2,500,000	
Pre-registration roller (upper)	FC5-2151-000	1	60/52/40 ppm	120,000	80,000	66,667	Stack Bypass Actual use in terms of number of pages
Separation roller	FB5-0873-000	1	60/52/40 ppm	120,000	80,000	66,667	
Pickup roller	FB1-8581-000	1	60/52/40 ppm	120,000	80,000	66,667	
Torque limiter	FB6-3410-000	1	60/52/40 ppm	120,000	80,000	66,667	
One-way clutch	FB6-3463-000	1	60/52/40 ppm	120,000	80,000	66,667	
Solenoid	FK2-0115-000	1	60/52/40 ppm	120,000	80,000	66,667	

DADF-R1 Consumable Parts (Table 26)

DADF-R1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Feed belt	FC6-0929-000	1	200,000	Replace at estimated yield or when cleaning becomes impossible
Pickup roller	FB4-7640-000	2	250,000	Actual use in terms of number of prints
Pickup/feed roller	FM2-2408-000	1	80,000	
Separation belt	FG6-7724-000	1	80,000	
Hinge L	FC6-1003-000	1	100,000 times	Adjust the pressure or replace the part
Hinge R	FC6-1004-000	1		

Finisher-AJ1 /Saddle Finisher-AJ2 Consumable Parts (Table 27)

Finisher-AJ1 /Saddle Finisher-AJ2 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Stapler	FM2-6541-000	1	500,000 times	Finisher
Feed belt	FB5-9103-000	2	3,000,000	Finisher
Belt roller	FC6-6148-000	2	6,000,000	Finisher
Delivery static eliminator	FC9-3038-000	1	1,000,000	Finisher
Stack delivery roller static	FC8-3249-000	2	1,000,000	Finisher
Stack delivery roller static eliminator	FL3-5490-000	1	6,000,000	Finisher
Saddle alignment roller	FC8-7495-000	4	5,000,000	Saddle Stitcher
Saddle separation roller	FL3-2010-000	2	1,000,000	Saddle Stitcher
Saddle inlet static eliminator	FC9-1432-000	1	3,000,000	Saddle Stitcher
Saddle inlet roller static eliminator	FC9-1393-000	2	3,000,000	Saddle Stitcher
Saddle intermediate static eliminator	FL3-2005-000	1	3,000,000	Saddle Stitcher
Saddle feed guide lower static eliminator	FC9-1394-000	3	3,000,000	Saddle Stitcher
Saddle stapler	FM4-7572-000	1	300,000	Saddle Stitcher
Inlet static eliminator -N	FC0-3461-000	2	3,000,000	Saddle Stitcher

POD Deck-A1 / Secondary POD Deck-A1 Consumable Parts (Table 28)

POD Deck-A1 / Secondary POD Deck-A1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Upper storage	Separation pad FL2-7257-000	2	100,000	Replace two separation pads at the same time
Middle storage		2		
Lower storage		2		

²⁵ Estimated Yield is based on LTR paper.

Paper Deck-AC1 Consumable Parts (Table 29)

Paper Deck-AC1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Pickup roller (front)	FF5-7829-000	1	250,000	Actual use in terms of number of prints
Pickup roller (rear)	FF5-7830-000	1		
Feed roller	FF6-1975-000	1		
Separation roller	FB2-7777-000	1		

Document Insertion Unit-C1 Consumable Parts (Table 30)

Document Insertion Unit-C1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Pick up roller	4A3-3870-000	4	100,000	Actual use in terms of number of prints
Separation roller	4A3-3868-000	2	100,000	
Feed roller	4A3-3869-000	2	100,000	
Torque limiter	4A3-3888-000	2	1,000,000	

Booklet Trimmer-D1 Consumable Parts (Table 31)

Booklet Trimmer-D1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Trimming upper blade unit	FC3-3050-000	1	500,000	Actual use in terms of number of prints
Trimming lower blade	FC3-3043-000	1	500,000	

Two-Knife Booklet Trimmer-A1 Consumable Parts List (Table 32)

Two-Knife Booklet Trimmer-A1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Front upper blade	FC3-6269-000	1	500,000 sets	Actual use in terms of number of prints.
Rear upper blade	FC3-6270-000	1	500,000 sets	
Lower blade	FC3-6394-000	2	500,000 sets	

Professional Puncher-B1 Consumable Parts List (Table 33)

Professional Puncher-B1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Back gage assembly	FC3-6626-000	1	3,000,000	Replacement

Professional Puncher Integration Unit-A1 Consumable Parts List (Table 34)

Professional Puncher Integration Unit-A1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Static eliminator	FC8-1584-000	1	1,000,000	

High Capacity Stacker-C1 Consumable Parts (Table 35)

High Capacity Stacker-C1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Static eliminator brush (Inlet guide board)	FC3-2441-000	1	5,000,000	Actual use in terms of number of prints
Static eliminator brush (Sample tray)	FC3-2441-000	1	5,000,000	
Static eliminator brush (Delivered to the delivery side)	FC3-2441-000	1	5,000,000	
Static eliminator brush (Stack tray ejection gate)	FC3-2603-000	1	5,000,000	
Static eliminator brush (front, stack unit)	FC3-2603-000	1	5,000,000	Actual use in terms of number of prints
Static eliminator brush (rear, stack unit)	FC3-2603-000	1	5,000,000	
Sponge roller	FC7-1141-000	1	1,000,000	

Perfect Binder-B1 Consumable Parts (Table 36)

Perfect Binder-B1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Blade reception stand	FL2-9850-000	1	11,000 trimmings	Number of trimming operation
Trimming blade unit	412-2481-000	1	40,000 trimmings	
Chip dropping slider plate	4F3-0592-000	1	40,000 trimmings	
Flapper (Stack rotation assy.)	FL2-9852-000	1	13,000 sets	Equivalent to 40,000 trimmings
Paper stack thickness VR sensor	412-2661-000	1	50,000 sets	Number of bookbinding sets
Torque diode (stack rotation assy.)	4F3-0589-000	1	50,000 sets	
14T/20T gear (main grip assy.)	4S3-0340-000	2	50,000 sets	
Torque limiter (stack rotation assy.)	XG9-0583-000	1	50,000 sets	
Chip buffer motor	4G3-2004-000	1	50,000 sets	
Grip motor (front/rear)	4H3-0382-000	2	100,000 sets	
Switch back roller (stacking tray unit)	FC8-6223-000	6	1,000,000	Actual number of feeding sheets
Switch-back roller (Cover feeding assy.)	4A3-2846-000	2	1,000,000	
Corrugated roll (center)	4G3-1167-000	1	1,000,000	
Corrugated roll	4G3-1168-000	4	1,000,000	
Trail end retaining roller (large)	4A3-3423-000	4	1,000,000	
Trail end retaining roller (small)	4A3-3424-000	2	1,000,000	
Deodorizing filter	FC6-4242-000	3	1,000,000	

Perfect Binder-B1 Consumable Parts				
Item	Item Number ⁵	Quantity	Estimated Yield ²⁵ (copies/prints)	Remarks
Deodorizing filter (Glue vat unit)	4A3-3521-000	2	1,000,000	Actual number of feeding sheets
Deodorizing sheet (rear cover)	4A3-2727-000	1	1,000,000	
Deodorizing sheet (front cover L1)	4A3-2728-000	1	1,000,000	
Deodorizing sheet (rear cover R1)	4A3-2729-000	1	1,000,000	
Deodorizing sheet (upper cover)	4A3-2730-000	1	1,000,000	
Deodorizing sheet (front cover R2)	4A3-2731-000	2	1,000,000	
Torque limiter (cover feeding assy.)	4G3-1137-000	1	1,000,000	
Static eliminator 1 (body sheet delivery)	4A3-2770-000	2	2,000,000	
Static eliminator 2 (body sheet delivery)	4A1-8890-000	2	2,000,000	
Static eliminator (stacking tray)	4G3-1143-000	1	2,000,000	
Static eliminator (upper right) (cover delivery path)	4A1-8890-000	1	2,000,000	
Static eliminator (lower right) (cover delivery path)	4A3-3510-000	1	2,000,000	
Static eliminator (left) (cover delivery path)	4A3-3452-000	2	2,000,000	
Static eliminator (delivery) (cover delivery path)	4A3-8890-000	1	2,000,000	
Glue vat unit	4G3-1133-000	1	2,000 Hrs	Equivalent to approximately 5,000,000 sheets at the following condition: 4hrs/day operation time, approximately 200,000 sheets MCV (Printer unit counter)

K. Periodic Maintenance

Some parts of the machine must be checked and/or replaced on a periodic basis to ensure a specific level of machine performance. These parts are likely to affect the performance once they fail even in the absence of external change or damage. Whenever possible, plan their replacement so that it will coincide with a scheduled service visit.

Note: All periodic maintenance items are for reference purposes only and are subject to change without notice. Refer to the Service Manual for additional information.

Periodic Maintenance Items (Table 37)

Periodic Maintenance Items (Based on LTR Paper)																
△ Clean		◇ Replace			* Lubricate				↔ Adjust			√ Inspect				
Item	At Installation	As Necessary	Every												Remarks	
			100,000 prints	150,000 prints	200,000 prints	250,000 prints	300,000 prints	500,000 prints	600,000 prints	750,000 prints	1,000,000 prints	1,200,000 prints	1,500,000 prints	2,400,000 prints		4,500,000 prints
Platen glass		△													Only when reader is equipped	
Scanner rail		△														
No. 1 to 3 mirror		*														
Reflector		△														
Standard white plate		△														
Dustproof filter		△													Only when DADF is equipped	
Dustproof glass			△												Clean using lint free paper	
Primary Charging wire	△					◇										
Pre-transfer Charging wire	△					◇										
Shield plate (primary charging unit)	△				△											
Developing assembly bottom plate metal portion	C7010VPS											△			850,000 Sheets	Clean using lint free paper
	C6010VPS										△				740,000 Sheets	
	C6010S (60 ppm)								△						660,000 Sheets	Simultaneous replacement with the Photosensitive Drum
	C6010S (52 ppm)								△						570,000 Sheets	
	C6010S (40 ppm)								△						480,000 Sheets	
Developing cylinder		√														
Drum patch sensor											△			◇	Clean with alcohol and water. This is a consumable part that may need to be replaced as required, refer to the Main Unit Consumable Parts for imagePRESS C7010VPS (Table 23)	
Sub Hopper Filter						△										
Hopper Right Louver						△										
Secondary Transfer Inlet Guide (Lower)						△							◇		Replace every 1,800,000	
Secondary transfer outlet sensor						△									Use a blower brush.	

Periodic Maintenance Items (Based on LTR Paper)																
△ Clean		◇ Replace		* Lubricate				↔ Adjust				√ Inspect				
Item	At Installation	As Necessary	Every											Remarks		
			100,000 prints	150,000 prints	200,000 prints	250,000 prints	300,000 prints	500,000 prints	600,000 prints	750,000 prints	1,000,000 prints	1,200,000 prints	1,500,000 prints		2,400,000 prints	4,500,000 prints
Secondary transfer outlet guide						△										
Skew registration skew roller						△										Use a blower brush. When coated paper is used frequently, clean the Skew Roller in every 100,000 pages.
Pre-fixing feed belt						△										
Shield plate (pre-transfer charging unit)							△									Apply using lint free paper and alcohol.
Fixing web	√				◇											
Fixing thermistor (Secondary)						△						◇				
Fixing thermistor (Primary)								△				◇				Apply using lint free paper and alcohol. Replace at the same time as the fixing rollers.
Fixing thermal switch (Secondary)						△						◇				
Fixing thermal switch (Primary)								△				◇				
Fixing inlet guide						△										
Delivery upper separation plate						△										Use methylketone and lint free paper.
Delivery lower separation claw						△						◇				
Auto Gradation Adjustment															↔	Recommended on first power-on
ITB HP sensor														△		Use a blower brush.
ITB edge sensor														△		
ITB idler roller (ITB-CLN opposite roller 2)														△		Apply using lint free paper and alcohol.
Drum cleaner pre-exposure unit	C7010VPS													△		850,000 Sheets
	C6010VPS													△		740,000 Sheets
	C6010S (60 ppm)													△		660,000 Sheets
	C6010S (52 ppm)													△		570,000 Sheets
	C6010S (40 ppm)													△		480,000 Sheets
Registration patch sensor / Leading edge registration patch sensor														△		Apply using lint free paper and alcohol.
Ozone filter (Sub Station)						△								◇		
Decurler roller (confluence unit)														△		
Slave roller (bypass unit/confluence unit/tandem path unit/delivery inversion unit)														△		
Paper Guide Plate (Bypass Unit /Merging Unit /Tandem Path Unit)														△		
Bypass feed roller A (bypass unit/confluence unit)														△		
Bypass feed roller C (bypass unit)														△		
Tandem path feed roller (confluence unit/tandem path unit)														△		
Delivery drive roller (delivery inversion unit)														△		

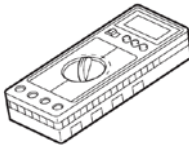


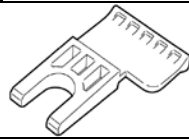

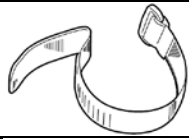
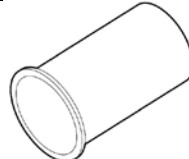
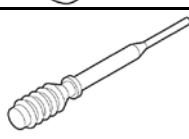
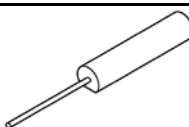
Periodic Maintenance Items (Based on LTR Paper)															
△ Clean		◇ Replace		* Lubricate				↔ Adjust			√ Inspect				
Item	At Installation	As Necessary	Every										Remarks		
			100,000 prints	150,000 prints	200,000 prints	250,000 prints	300,000 prints	500,000 prints	600,000 prints	750,000 prints	1,000,000 prints	1,200,000 prints		1,500,000 prints	2,400,000 prints
Duplexing reverse roller (delivery inversion unit)											△				
Decurler Roller Opposition Roller											△				
Feed Belt Opposition Roller (Merging Unit)											△				
Feed Belt Opposition Roller (Duplex Decurler)												△			
Drum unit shaft	C7010VPS										△			850,000 Sheets	Clean using lint free paper Simultaneous replacement with the Photosensitive Drum
	C6010VPS									△				740,000 Sheets	
	C6010S (60 ppm)								△					660,000 Sheets	
	C6010S (52 ppm)								△					570,000 Sheets	
	C6010S (40 ppm)							△						480,000 Sheets	
Developing assembly end sheet					△										

L. Special Tools, Solvents and Oils

In addition to the standard tools used to service these devices, the following special tools, solvents, and oils should also be carried according to its rank when servicing an imagePRESS C7010VPS Series system.

Note: All Special Tools, Solvents & Oils shown in the below table are for reference purposes only and are subject to change without notice. Refer to the imagePRESS C7010VPS/V6010VPS/C6010S Service Manual for additional information.

Special Tools, Solvents, and Oils List (Table 38)

Description	Part Number ⁵	Rank	Appearance	Remarks
Digital Multimeter	FY9-2002-000	A		Use for electrical checks; for adjustment of laser power in combination with the laser power checker.
Switch ON tool	FC7-9708-000	N/A		To switch ON the drum heater switch and the front cover switch. Three (3) are included with the Main Unit.
Cleaning tool (upper)	FL2-9290-000	N/A		To clean the blocking sheet of the developing assembly. Three (3) are included with the Main Unit.
Shutter Open Spacer	FC9-5864-000	N/A		For removing and cleaning Drum Patch Sensors. One (1) is included with the Main Unit.
Waste Toner Bag	FC0-2235-000	A		For disposing waste toner (A set of five (5) bags)
Waste Toner Band	FC0-2236-000	A		For fixing the Waste Toner Joint
Waste Toner Joint	FC0-2237-000	A		For the disposing of the waste toner
Dropper	FY9-1030-000	B		For applying fixing belt oil
Tester Extension Pin	FY9-3038-000	A		Used as a probe extension when making electrical checks.

Tester Extension Pin (L Shaped)	FY9-3039-000	A		Used as a probe extension when making electrical checks.
CA-7 Test Sheet	FY9-9390-000	A		Used for adjusting/checking images.
Loupe	CK-0056-000	B		Used for checking images.
Mirror Positioning Tool	FY9-3009-040	B		
Electrode for checking potential sensor	FY9-3057-000	B		
Cover Tool	FC7-9708-000	N/A		
Rank Description				
A: Each service person is expected to carry one.				
B: Each five or so service persons are expected to carry one.				

M. Solvents and Oils

Solvents and Oils (Table 39)

Name	Uses	Composition	Remarks
Alcohol	Cleaning; e.g., glass, plastic, rubber; external covers.	<ul style="list-style-type: none"> Fluoride-family hydrocarbon Alcohol Surface activating agent Water 	<ul style="list-style-type: none"> Do not bring near fire Procure locally Substitute: IPA (isopropyl alcohol)
Lubricating oil	Lubrication; e.g., scanner rail	Silicone oil	Tool No.: FY9-6011-000 (50 cc)
Conducting grease	Lubrication; e.g., edge of secondary transfer roller, drum heater sliding area.	<ul style="list-style-type: none"> Fluorine poly wthyl Polytetra fluorune ethylene 	Tool No.: FY9-6008-000 (75 g)
Super Lube Grease	Lubrication; e.g., rollers/gears		Tool No: FY9-6005-000 (85 g)

N. Soft Counter

The imagePRESS C7010VPS Series uses soft counters to track its functional copy use. The operator panel can display up to eight (8) counters in the Maintenance Mode (when the Maintenance button on the operator panel is pressed). The imagePRESS C7010VPS Series operator panel displays up to eight (8) counters on the Maintenance Mode screen.

The Maintenance Mode screen shows two types of counters; Billing counters and Day counters. Billing counters represent the total number of prints that have been made since the machine was installed. The Day counters displays the same counters, however, the day counters can be reset to zero (0). The Day counters can be reset at any time (i.e., between jobs, daily or between meter readings).

The table below indicates the default counter configurations of the imagePRESS C7010VPS Series in maintenance mode.

Soft Counter (Table 40)

Counter	Meter Number	Counter Description (from Service Manual)	Default Display	Adjustability of Display
1	101	Total 1	On	May not be changed
2	108	Total (B&W 1)	On	May be changed via Service Mode setting to any available counter
3	407	Copy + Print (full color + mono color / large)	On	
4	408	Copy + Print (full color + mono color / small)	On	
5	403	Copy + Print (Black & White / large)	On	
6	404	Copy + Print (Black & White / small)	On	
7	Not Displayed	Not Displayed	Off	
8	Not Displayed	Not Displayed	Off	

When changing any of the counters, the PRISMAsync Controller and the Main engine must be rebooted for the changes to take effect.

Refer to the imagePRESS C7010VPS Series Service Manual for complete details on the Soft Counter configurations.

 **CAUTION**

After performing a RAM clear, the counter will change back to its default. As a result, the service technician must note the soft counter settings before performing the RAM clear and return the soft counter settings after the RAM clear has been performed.

VII. Suggested End-User Customer Service Offerings

A. Monthly Copy Volume

Note: The maximum monthly volume (print/copy) represents the maximum number of pages the machine can produce within a one-month period (based upon letter size paper). However, the device should not be used to produce this or a greater volume on a consistent monthly basis.

Monthly Copy Volume (Table 41)

Model	Optimum Performance Range (prints/copies per month based on LTR size paper)	Maximum Monthly Volume (based on LTR size paper)
imagePRESS C7010VPS	Approximately 70,000 to 300,000	Up to 1,000,000
imagePRESS C6010VPS	Approximately 50,000 to 250,000	Up to 900,000
imagePRESS C6010S	Approximately 30,000 to 150,000	Up to 700,000

Monthly Print Copy Volume Definitions (Table 42)

Monthly PCV Type	Description
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.
Maximum Monthly Volume	On occasion, the machine can produce up to the above prints/copies. However, sustained use of the machine at this level, will significantly impact the long term performance and durability of the machine. You should expect an increase in the number of service calls and down time during periods of maximum production use.

B. Limited Warranty Support

1. End-User Limited Warranty Conditions

a) imagePRESS C7010VPS Limited Warranty

Ninety (90) days after delivery to the original purchaser or 300,000 prints/copies, or a combination of both, whichever comes first. This warranty covers the imagePRESS C7010VPS product, Canon Brand options for the imagePRESS C7010VPS product, and the Océ brand PRISMAsync Controller designed for use with the imagePRESS C7010VPS product.

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

For detailed warranty information, please refer to the [Canon imagePRESS C7010VPS Limited Warranty, page 88](#).

b) imagePRESS C6010VPS Limited Warranty

Ninety (90) days after delivery to the original purchaser or 270,000 prints/copies, or a combination of both, whichever comes first. This warranty covers the imagePRESS C6010VPS product, Canon Brand options for the imagePRESS C6010VPS product and the Océ brand PRISMAsync Controller designed for use with the imagePRESS C6010VPS product. Note: No warranty is given on any consumable parts or consumables.

For detailed warranty information, please refer to the [Canon imagePRESS C6010VPS Limited Warranty, page 89](#).

c) imagePRESS C6010S Limited Warranty

Ninety (90) days after delivery to the original purchaser or 180,000 prints/copies, or a combination of both, whichever comes first. This warranty covers the imagePRESS C6010S product, Canon Brand options for the imagePRESS C6010S product and the Océ brand PRISMAsync Controller designed for use with the imagePRESS C6010S product. Note: No warranty is given on any consumable parts or consumables.

For detailed warranty information, please refer to the [Canon imagePRESS C6010S Limited Warranty, page 90](#).

d) IPQ-2 Drum Limited Warranty

IPQ-2 Drum Limited Warranty Credit (Table 43)

Full Credit:	Up to 1,000 prints or copies (or a combination of both) or up to 30 days after delivery to the original purchaser, whichever comes first.
Prorated Credit:	Up to 420,000 prints or copies (or a combination of both) from day 31 to day 120 after delivery to the original purchaser, whichever comes first.

For detailed warranty information, please refer to the [Canon IPQ-2 Drum Limited Warranty, page 91](#).

Note: If the IPQ-2 Drum Limited Warranty conditions accompanied with the Drum is less than 420,000 prints or copies for the prorated credit as indicated above, then refer to the Limited Warranty located in the Appendix of this Service Guide.

2. Flat - Rate Program

The Flat-Rate Program provides a flat rate credit to Canon USA full-line dealers as compensation for warranty expenses that they may incur. Dealers who purchase an imagePRESS C7010VPS Series product, Canon branded options for the imagePRESS C7010VPS product and the Océ branded PRISMAsync Controller designed for use with the imagePRESS C7010VPS product will receive Flat-Rate Program credit during the month following their purchase. This credit covers the

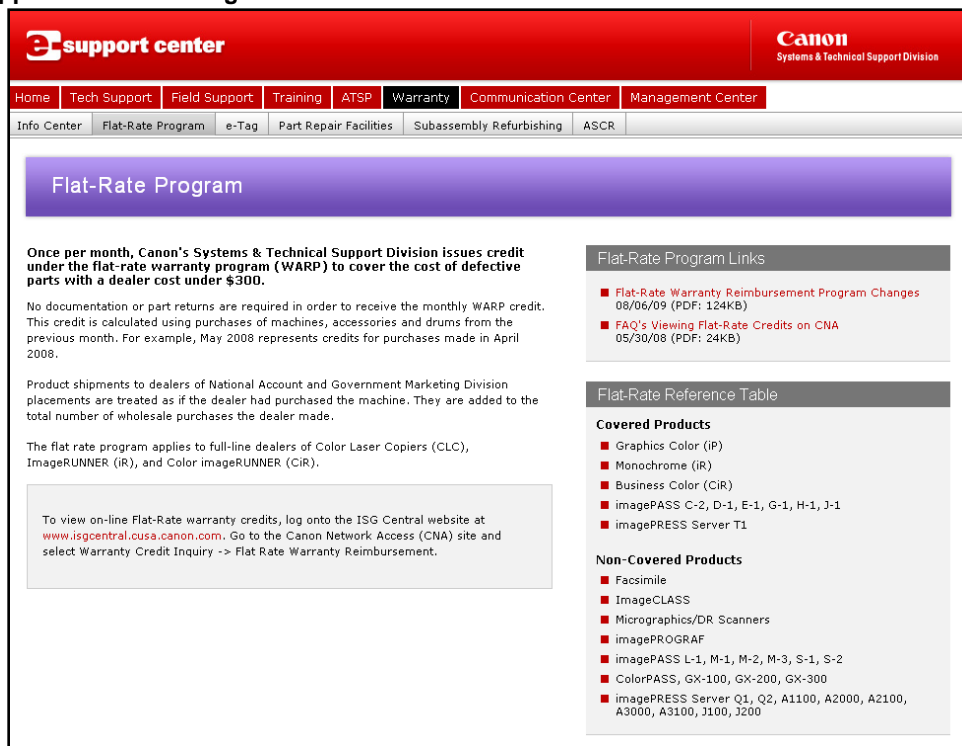
dealer's cost of defective parts and drums with a dealer cost under \$300.00 replaced during the term of the end-user limited warranty.

The Flat-Rate Program helps the dealer avoid returning every failed part with a cost under \$300.00. A dealer must return parts with a cost greater than \$300.00 to receive reimbursement for in-warranty failures.

The flat-rate credit is calculated by a percentage of your eligible machine purchases, drums and accessories. Flat-rate credits are posted monthly.

Additional information on the Flat-Rate Program is located on the Canon USA e-Support website at <http://www.support.cusa.canon.com> as shown in [Figure 1 – e-Support: Flat-Rate Program, page 66](#).

Figure 1 – e-Support: Flat-Rate Program



Original defective parts with a dealer cost over \$300.00 replaced during the term of the end-user limited warranty are eligible to receive reimbursement credit through the e-Tag process.

To request a part reimbursement credit, complete the e-Tag limited warranty claim form that can be found in the warranty section of the Canon USA e-Support Center website at <http://www.support.cusa.canon.com>. Refer to the [e-Tag](#) section of this Service Guide for further details and instructions.

Parts that are listed on the Canon USA repairable parts list should be sent to an Authorized Parts Repair Facility (APRF) to be repaired at no-charge. Refer to the [Warranty Parts for Repair](#) section of this Service Guide for further details and instructions.

To acquire access to the on-line limited Warranty Credit Feature, please contact your dealership's ISG Central Dealer Administrator or your Canon Regional office for assistance.

Your regional service office personnel can answer questions regarding the Flat-Rate Program.

3. Warranty Parts for Repair

Parts specified on the Canon USA Repairable Parts List that are covered under warranty must be shipped prepaid directly to one of the following Authorized Parts Repair Facilities (APRF) where they will be repaired under warranty.

Table 44 – Authorized Parts Repair Facilities

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

The Repairable Parts List index is located on the Canon USA e-Support website at <http://www.support.cusa.canon.com> in the Warranty Support Tab/Part Repair Facilities subsection. Select from the Repairable Parts List as shown below for the most current list.

Figure 2 – e-Support: Authorized Parts Repair Facilities



Repairable parts, under limited warranty, are repaired free-of-charge by an APRF. Under normal circumstances, the turnaround time is approximately five (5) business days. Your part will be shipped UPS Ground once it has been repaired and tested.

In instances when a part is deemed as non-repairable, the APRF will contact your dealership and the Warranty Control Section will issue a credit to your account.

To check the status of your part, please contact the APRF.

Warranty Parts over \$300.00 that are not on the Repairable Parts List:

All original defective parts with a dealer cost valued over \$300.00, that are not specified on the Repairable Parts List, must be submitted to Canon Virginia, Inc. with a completed e-Tag limited warranty claim form and a handwritten or computer generated copy of the service history of the digital press.

Canon Virginia, Inc.
12000 Canon Boulevard
Newport News, VA 23606
Attention: Warranty Returns

The service history log must include the following:

- Dealer Name
- Machine Installation Date
- Machine Serial Number
- Part Number
- Work Performed (Highlight Current Service Call)
- Part Description
- Date Part Was Removed
- Machine Copy Count
- Reason for Removal

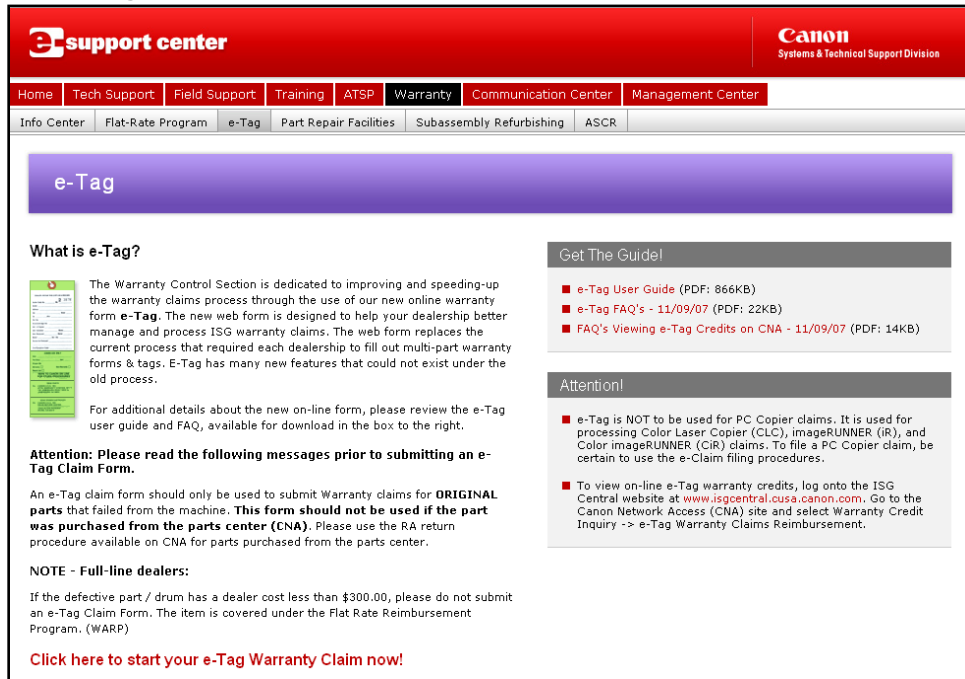
4. e-Tag

All original defective parts with a dealer cost valued over \$300.00, that are not specified on the Repairable Parts List, must be submitted to Canon Virginia, Inc. with a completed e-Tag limited warranty claim form and a handwritten or computer generated copy of the service history of the digital press.

e-Tag is an electronic limited warranty claim form that is completed online, printed out and accompanied by the **original** defective part or defective drum being returned to the Warranty Control Section for warranty compensation.

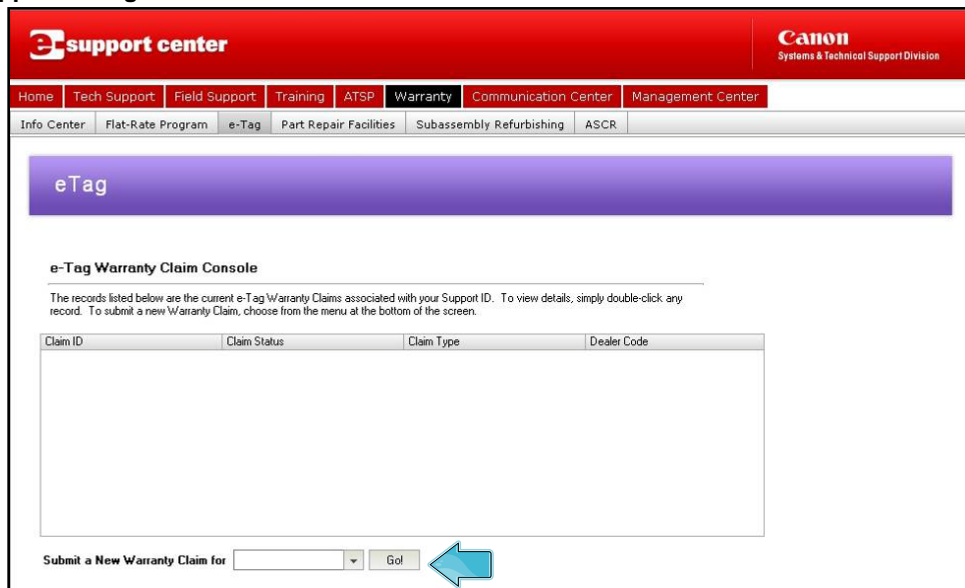
The e-Tag limited warranty claim form can be found in the Warranty section of the Canon USA e-Support Center website at <http://www.support.cusa.canon.com>.

Figure 3 – e-Support: e-Tag



To submit an e-Tag limited warranty claim, select the type of claim from the “Submit a New Warranty Claim for” Dropdown list shown below and complete the required sections of the e-Tag limited warranty claim form.

Figure 4 – e-Support: e-Tag Claim Selection Menu



A copy of the e-Tag limited warranty claim form and the service history of the digital press should be returned with the original defective part(s) to the address provided on the bottom of the e-Tag limited warranty

claim form. The service history log can be handwritten or computer generated and must include the following:

- Dealer Name
- Machine Installation Date
- Machine Serial Number
- Part Number
- Work Performed (Highlight Current Service Call)
- Part Description
- Date Part Was Removed
- Machine Copy Count
- Reason for Removal

For defective drums, ship the drum to the address provided on the bottom of the e-Tag limited warranty claim form, accompanied by a copy of the e-Tag limited warranty claim form, service history log of the digital press, a “before” sample copy depicting the problem and an “after” sample copy showing the problem has been resolved.

After authorization, part, drum and labor credits are posted on the [Canon Network Access \(CNA\) website](#) on the following business day.

5. On-Line Limited Warranty Credit Inquiry

The On-Line Limited Warranty Credit Inquiry allows your dealership to check, download and print details of e-Tag and Flat-Rate Program credits on the [CNA website](#).

To view On-line Limited Warranty Credit Inquiry, log on to the [ISG Central Website](#) select Canon Network Access (CNA) (see [Figure 5 – ISG Central](#)), then select Warranty Credit Inquiry (see [Figure 6 – CNA: Warranty Credit Inquiry](#)).

Figure 5 – ISG Central



Figure 6 – CNA: Warranty Credit Inquiry



a) e-Tag Inquiry:

On the CNA website select Warranty Credit Inquiry then select e-Tag Warranty Claims Reimbursement, [Figure 7 – CNA: e-Tag Warranty Claims Reimbursement](#), to perform an e-Tag Warranty claims search as shown in [Figure 8 – CNA: e-Tag Warranty Claims Search](#).

Figure 7 – CNA: e-Tag Warranty Claims Reimbursement



Figure 8 – CNA: e-Tag Warranty Claims Search



To check the status of e-Tag Limited Warranty Claims already submitted:

Go to the e-Tag “Claim Selection Menu”. Scroll down until you see the “e-Tag Claim Status Table” as shown at the bottom of the screen shot in [Figure 8 \(CNA: e-Tag Warranty Claims Search\)](#). This table allows you to check the status of your claims. To view the details of the e-Tag limited warranty claim form, highlight the claim ID number and click on the Display Details button.

Note: e-Tag limited warranty claims are connected to the e-Support ID number of the individual who entered the claim data. Therefore, it is highly recommended that only one individual enter and manage the e-Tag limited warranty claims for your dealership.

b) Flat-Rate Inquiry:

On the [CNA website](#) select Warranty Credit Inquiry and then select Flat-Rate Warranty Reimbursement, [Figure 9 – CNA: Flat-Rate Warranty Reimbursement](#), to perform a search as shown in **Error! Reference source not found..**

Figure 9 – CNA: Flat-Rate Warranty Reimbursement



Figure 10 – CNA: Flat-Rate Warranty Reimbursement Search



C. Service Parts Availability

Service parts ordering will be available 24 hours a day, 7 days a week, 365 days a year to provide the quickest possible response should the need arise for such parts. Canon USA will provide service parts for the key units, assemblies and consumables to cover the entire machine function, and this is designed to avoid potential machine downtime for the customer. Various shipment options²⁶ currently offered include:

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

Parts Order Desk Days and Hours of Operation (Table 45)

Days of Operation	Hours of Operation	Parts Order Desk	Telephone Number
Monday – Friday	9:00 AM – 8:00 PM Eastern Standard Time	Canon National Parts Order Desk	732-521-7677 732-521-7230
Monday – Friday ²⁷	8:00 PM – 9:00 AM Eastern Standard Time	24 / 7 Call Center	800-263-9271
Saturday – Sunday ²⁷ All National Holidays	24 Hours		

²⁶ Shipment options are subject to change

²⁷ Only authorized dealer personnel with a unique access code will be allowed to utilize this service. Contact the Canon National Parts Order Desk (canonparts@cusa.canon.com) for more information.

VIII. Product Technical Support Offerings

A. Dealer Support Requirements

The imagePRESS C7010VPS Series training program (The training program and all required prerequisites) is required to receive technical support for the imagePRESS C7010VPS Series products. Refer to the [Canon USA Technical Support Center \(TSC\)](#) for further details.

To ensure that each dealer receives the highest level of support, and in turn resolve the end-user's problems quickly and accurately, here are several recommendations to maximize your technical support request.

- The dealer support personnel should check technical documentation (Manuals, Technical Publications, etc.) and the e-Support website (24 hours a day, 7 days a week) before calling Canon USA's Technical Support Center (TSC), since your concern may have already been addressed and documented.
- Have your Support ID Number ready when you call the TSC and prepare to be at the location where the engine or application is accessible. This dramatically improves the TSC's ability to help troubleshoot the problem and eliminate the guesswork when answering a specific question. There are many "causes" to various problems, but by being at the location when calling, it takes the speculation out of the troubleshooting process by supplying accurate answers to what the device/application is doing.
- Provide the serial number of the installed engine or application you are troubleshooting. While this is required for access to support, it will also provide the specialist with information about previous calls for support.
- Be prepared to provide information specific to the environment and other site-specific variables.
- Submit and update your profile information, such as cell phone number, e-mail address, or company address. To do so, you can log on to [e-Support](#) and access the "Current Profile" section to make updates or call Canon USA's TSC. Accurate profile information will allow for quick contact if more information is required from the caller later on.
- At the completion of each call, a ticket number is provided. If the support specialist does not provide a number, the caller should ask for it.
- A return call from a dealer technician/systems engineer with a resolution is extremely helpful. The information Canon USA receives from you on what actually resolved the problem is sent to the support specialist and enables them to better assist other callers who may have the same problem just addressed.

Making certain that all of our support partners get the highest quality technical support as fast as possible makes everyone more productive and ultimately delivers better results and customer satisfaction.

Following some of these basic guidelines, and working as a team, helps everyone achieve their support goals.

B. Canon USA Support Offerings

The following support mechanisms were established to deliver high-quality, timely technical support services, and product information to imagePRESS dealerships. These support services cover areas, such as system and user software, networking and connectivity issues, electro-mechanical operations, and other hardware servicing.

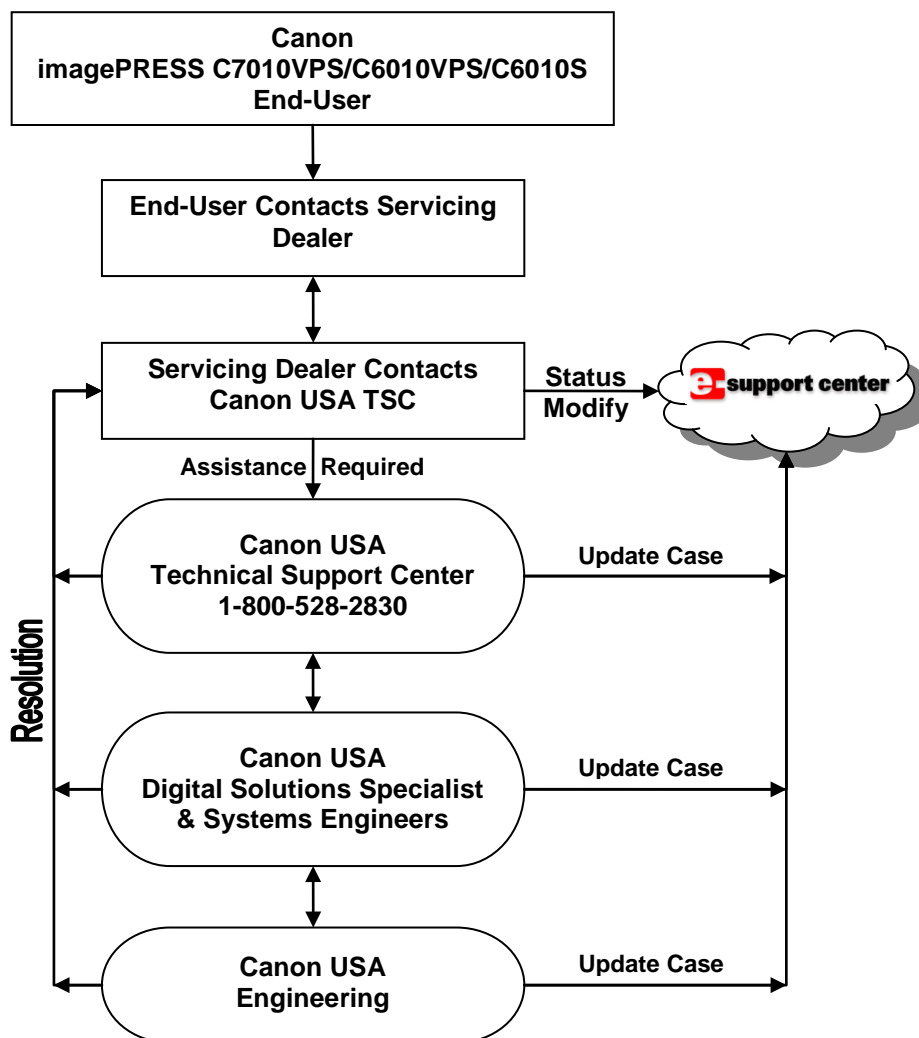
1. Canon USA Technical Support Center

Canon USA provides a time-sensitive call escalation process for all authorized imagePRESS C7010VPS Series dealers. The TSC is the single point of entry for this process. Once a call is placed to the TSC and information is logged into the call management system, a case number will be assigned to the call. Every effort is made to resolve the problem during the call. Calls that cannot be resolved during the initial call and require escalation need to follow the process below. The status of all escalated cases can be viewed via [e-Support](#) or by calling the TSC.

Canon USA's TSC support responsibilities are as follows:

- All technical support for the end-user is provided solely by the contracted servicing dealer.
- The Canon USA TSC will be the central contact/escalation for the reporting of all known outstanding hardware and software issues to Canon USA's engineering and development groups.
- The Canon USA TSC will be available to all Authorized Dealers, Systems Engineers, and Technicians who have successfully completed the Training Program.
- The TSC will provide technical information regarding all Canon associated hardware and software products.
- The TSC will deploy, as required through proper escalation procedures, all on-site Canon USA digital solutions specialist and systems engineers.

Figure 11 – Canon USA Support Escalation Flow Chart



2. Internet Support

a) Canon USA’s e-Support Center Website

Canon USA’s Systems and Technical Support Division provides high quality support via the Internet, and is only available for Canon USA Authorized Servicing Dealers.

Canon USA’s [e-Support](#) is designed to provide dealer Systems Engineers and Technicians access to technical support information via the Worldwide Web.

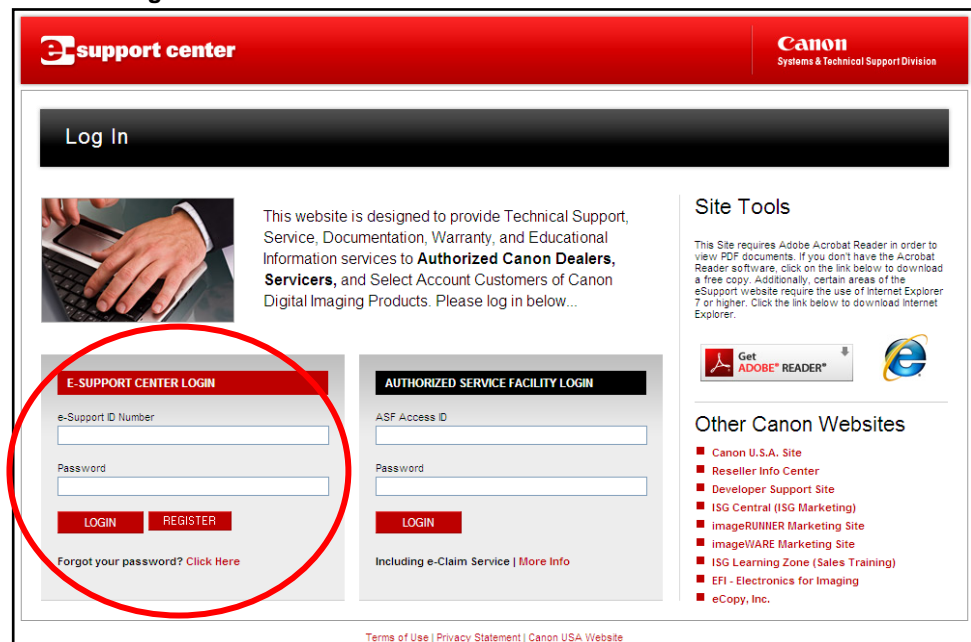
The following functions and information can be accessed:

- Proactive notification of new releases, patches, Technical Publications, and other information via e-mail
- Search for technical solutions with the integrated Knowledge Management System through natural language query

- Read or download on-line documentation
- Download patches and their readme files
- Download firmware and software drivers
- Track and modify logged cases
- Review all open cases

To access e-Support, you must first register for a Support ID. To register for a Support ID, go on-line to the Canon USA Systems and Technical Support Division's e-Support Center website at <http://www.support.cusa.canon.com>. Click on the "Register" button and follow the instructions for registration. This service is available at no additional charge to all authorized dealers.

Figure 12 – e-Support Center Login

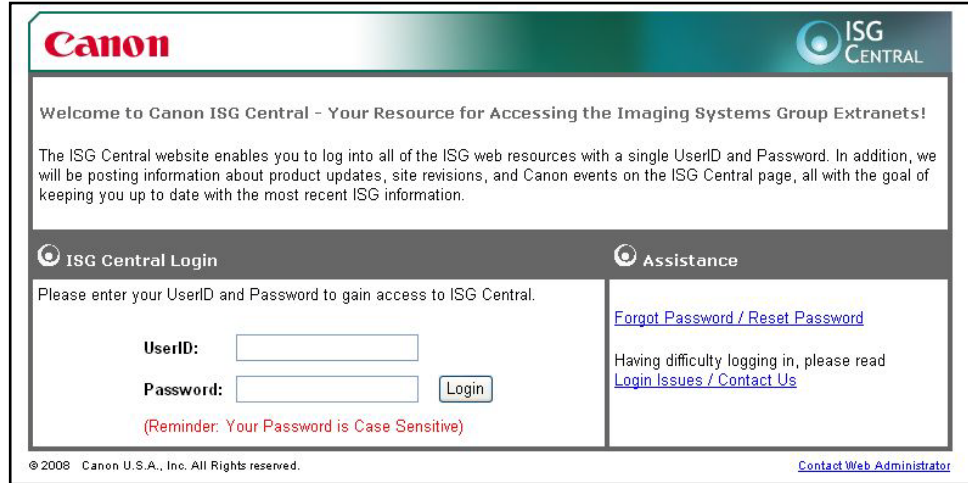


b) Canon USA ISG Central Website

Complete versions of the Service Guides are available on the Canon USA ISG Central website (<http://isgcentral.cusa.canon.com/>).

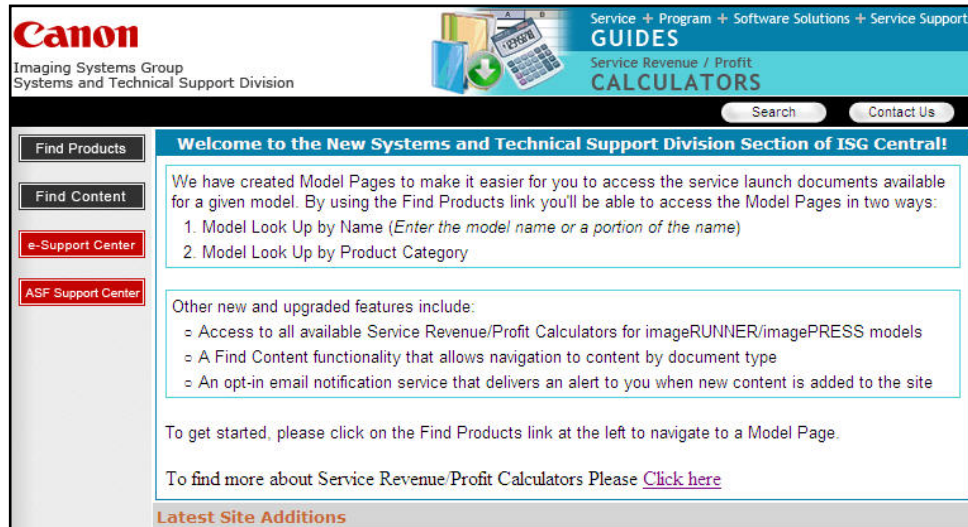
Access is limited to the Authorized Dealer’s Management staff; please contact your Dealer Administrator to request access to the System and Technical Support Section of ISG Central.

Figure 13 – ISG Central Login



Once the authorized dealer’s management staff is logged on to ISG Central, access to the Systems & Technical Support section is available by selecting the Systems & Technical Support button. There the Authorized Dealer’s Management staff will have access to the Service Guides, Program Guides, Software Solutions Guides, Service Support Guides, and Service Revenue/Profit Calculators, as shown below.

Figure 14 – Systems and Technical Support Section of ISG Central



IX. Appendix

Note: All specifications are for reference purposes only and are subject to change without notice.

A. Specifications

imagePRESS C7010VPS Series Specifications(Table 46)

Item	Specifications			
	imagePRESS			
	C7010VPS	C6010VPS	C6010S	
Type	Console			
Drum	Photosensitive OPC Drum x 4			
Color Supported	Full Color			
Writing Resolution	Up to 1,200 dpi x 1,200 dpi			
Reading Resolution	Up to 600 dpi x 600 dpi			
Number of Gradations	256			
Memory	1.5GB (standard)			
Hard Disk	80GB x 2			
Paper Size When the main unit's paper deck is used:	13" x 19", 12.60" x 17.72", 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))			
Paper Weight (main unit)	16 lb bond to 120 lb cover (60 to 325 g/m ²)			
Paper Type (When the main unit's paper deck is used)	Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum			
Margins (Top, Left, Right, and Bottom)	2.5 mm			
Warm-Up Time ²⁸	Up to 7 minutes		Up to 11 minutes	
First Copy Time (Full Color or Black & White)	Up to 33 seconds			
Paper Feeding System/Capacity	Up to 1,000 sheets x 2 paper decks (20 lb bond (80 g/m ²))			
Power Source	Three-phase, 208V, 30 A, 60 Hz		Single-phase, 208V, 30A, 60Hz	
Maximum Power Consumption	8.5 kW or less		6 kW or less	
Noise	Standby: up to 75.7 dB Copying: up to 82 dB			
Multiple Copies	1 to 9,999 sheets			
Dimensions (W x D x H)	With the Operator Attention Light: 101.8" x 45.4" x 68.9" (2,586 x 1,152 x 1,750 mm) Without the Operator Attention Light 101.8" x 45.4" x 52.4" (2,586 x 1,152 x 1,330 mm)			
Weight	Approximately 1,984 lb (900 kg)			
Print/Copy Speeds for both Color and B&W modes	C7010VPS	C6010VPS	C6010S	
13" x 19"	(16 to 28 lb bond (60 to 105 g/m ²))	Up to 33.6 ppm	Up to 28.8 ppm	Up to 28.8 ppm
	(28 lb bond to 120 lb cover (106 to 325 g/m ²))	Up to 31.3 ppm	Up to 26.8 ppm	
12" x 18"	(16 lb bond to 120 lb cover (60 to 325 g/m ²))	Up to 33.1 ppm	Up to 28.3 ppm	
11" x 17"	(16 to 28 lb bond (60 to 105 g/m ²))	Up to 37.6 ppm	Up to 32.2 ppm	Up to 32.2 ppm
	(28 lb bond to 120 lb cover (106 to 325 g/m ²))	Up to 35.0 ppm	Up to 30 ppm	
LGL	(16 to 28 lb bond (60 to 105 g/m ²))	Up to 41.8 ppm	Up to 41.8 ppm	Up to 36.4 ppm
	(28 lb bond to 63 lb cover (106 to 170 g/m ²))	Up to 33.3 ppm	Up to 33.3 ppm	
	(63 to 120 lb cover (171 to 325 g/m ²))	Up to 25.1 ppm	Up to 25.1 ppm	

²⁸ From Power On or at the recovery from sleep mode. 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.)

Item	Specifications			
	imagePRESS			
	C7010VPS	C6010VPS	C6010S	
LTR	(16 lb bond to 50 lb cover (60 to 135 g/m ²))	Up to 70.0 ppm	Up to 60 ppm	Up to 60 ppm
	(50 lb cover to 80 lb cover (136 to 220 g/m ²))			Up to 52 ppm
	(80 lb cover to 110 lb cover (60 to 325 g/m ²))			Up to 40 ppm
LTRR	(16 to 28 lb bond (60 to 105 g/m ²))	Up to 53.2 ppm	Up to 53.2 ppm	Up to 46.3 ppm
	(28 lb bond to 63 lb cover (106 to 170 g/m ²))	Up to 42.4 ppm	Up to 42.4 ppm	
	(63 to 110 lb cover (171 to 300 g/m ²))	Up to 31.9 ppm	Up to 31.9 ppm	
EXEC	(16 to 28 lb bond (60 to 105 g/m ²))	Up to 71.6 ppm	Up to 71.6 ppm	Up to 70.8 ppm
	(28 lb bond to 63 lb cover (106 to 170 g/m ²))			Up to 64.3 ppm
	(63 to 120 lb cover (171 to 325 g/m ²))	Up to 61.1 ppm	Up to 61.1 ppm	Up to 47 ppm

Color Image Reader-H1 Specifications (Table 47)

Color Image Reader-H1	
Type	Flatbed
Image Sensor	CCD
Originals	Sheet, Book, 3D Objects Up to 4.4lb (2kg)
Document Size	Statement to 11x17 (139.7x139.7mm to 297x432mm)
Light source	Xenon Tube
Resolution for Reading	Up to 600 x 600dpi, 256 gradations
Scan Speed with the DADF-R1	Scan to file: 20 ipm (images per minute) simplex, 15 ipm duplex Copy: First Set outputs at 20 ipm simplex, 15 ipm duplex, following sets output at full engine speed
Magnification	Regular paper size: Same Ratio 1:1 Reduction 1:0.78 (LGL ~ LTR) 1:0.73 (11" x 17" ~ LGL, 11" x 15" ~ LTR) 1:0.64 (11" x 17" ~ LTR) 1:0.50 (11" x 17" ~ STMT) 1:0.25 Enlargement 1:1.21 (LGL ~ 11" x 17") 1:1.29 (LTR ~ 11" x 17") 1:2.00 (STMT ~ 11" x 17") 1:4.00 Copy Ratio:25 to 400% (in 1% increments)
Power Source	From Main Unit
Dimensions (H x W x D)	Approximately 4-1/8" x 28-7/8" x 23-1/2" (105mm x 732mm x 595mm) (excluding the document feeder)
Weight	Approximately 38.5 lb (17.5kg) (excluding the document feeder)

DADF-R1 Specifications (Table 48)

DADF-R1	
Original Feeding Mechanism	Automatic Document Feeder
Size and Weight of Originals	Original Supply Tray: 11" x 17", LGL, LTR, LTRR, or STMT (STMR originals cannot be placed horizontally. (STMTR)) 1-sided scanning: 13 to 57 lb bond (50 to 216 g/m ²) 2-sided scanning: 13 to 57 lb bond (50 to 216 g/m ²) (13 to 53 lb bond (50 to 200 g/m ²) for 11" x 17", LGL, and LTRR) 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/m ²)
Original Tray Capacity	Original Supply Tray: 100 sheets (20 lb bond (80 g/m ²)) SADF Tray: 1 sheet
Power Source	From Main Unit
Dimensions (H x W x D)	Approximately 5-5/8" x 25-1/2" x 22-3/8" (143mm x 646mm x 569.5mm) Excluding Document Output Tray
Weight	Approximately 47.3 lb (21.5kg) Excluding Output Tray

POD Deck-A1/Secondary POD Deck-A1 Specifications (Table 49)

POD Deck-A1/Secondary POD Deck-A1	
Paper Size	Size: 13" x 19", 12.60" x 17.72", 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))
Paper Weight	16 lb bond to 120 lb cover (60 to 325 g/m ²)
Paper Type	Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum
Paper Deck Capacity	Upper and Middle Decks: Up to 1,000 sheets x 2 paper decks (20 lb bond 80 g/m ²) Lower Deck: Up to 2,000 sheets x 1 paper deck (20 lb bond (80 g/m ²))
Power Source	POD Deck-A1: 200 to 208 V AC, 50/60 Hz, 6 A Secondary POD Deck-A1: From POD Deck-A1 (200 to 240 V AC, 50/60 Hz)
Dimensions (H x W x D)	POD Deck-A1 only: Approximately 43 1/8" x 38 7/8" x 31 1/4" (1,095 mm x 987 mm x 792 mm) (including the escape tray) POD Deck-A1 + Secondary POD Deck-A1: Approximately 43 1/8" x 70 3/4" x 31 1/4" (1,095 mm x 1,798 mm x 792 mm) (including the escape tray)
Weight	POD Deck-A1 only: Approximately 551 lb (250 kg) POD Deck-A1 + Secondary POD Deck-A1: Approximately 1,058 lb (480 kg)
Installation Space (W x D)	POD Deck-A1 only: Approximately 140 5/8" x 44 3/4" (3,573 mm x 1,135 mm) POD Deck-A1 + Secondary POD Deck-A1: Approximately 172 5/8" x 44 3/4" (4,384 mm x 1,135 mm)

Paper Deck-AC1 Specifications (Table 50)

Paper Deck-AC1	
Paper Size	13" x 19", 12.60" x 17.72", 12" x 18", 11" x 17", LGL, LTR, or LTRR
Paper Weight	17 lb bond to 110 lb cover index (64 to 300 g/m ²)
Paper Type	Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated, Texture Paper, Vellum
Paper Deck Capacity	Up to 3,500 sheets (20 lb bond (80 g/m ²))
Power Source	200 to 240 V AC, 50/60 Hz, 1.2 A
Dimensions (H x W x D)	Approximately 22 1/42" x 23 5/8" x 24 1/2" (570 mm x 601 mm x 621 mm)
Weight	Approximately 112.4 lb (51 kg)
Installation Space (W x D)	Approximately 125 1/2" x 44 3/4" (3,187 mm x 1,135 mm)

Document Insertion Unit-C1 Specifications (Table 51)

Document Insertion Unit-C1	
Paper Size	Upper Tray: LTR, LTRR, EXEC, and Irregular Size (7 1/8" x 7 1/8" to 11" x 13" (182 mm x 182 mm to 297 mm x 330.2 mm)) Lower Tray: 13" x 19", 12.60" x 17.72", 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))
Paper Weight	16 lb bond to 110 lb cover (60 to 300 g/m ²)
Paper 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	From the Finisher
Dimensions (H x W x D)	Approximately 8 3/8" x 24 5/8" x 26 1/4" (213 mm x 625 mm x 667 mm)
Weight	Approximately 37.4 lb (17 kg)

Perfect Binder-B1 Specifications (Table 52)

Perfect Binder-B1	
Book binding thickness	From 10 - 200 sheets or up to 0.98" (25 mm)
Book binding method	Hot glue at spine with wrap around cover
Book size	5.4" x 7.99" to 8.5" x 11.69" (137.5 mm x 202 mm to 228 mm x 297 mm)
Cover sheet size (W x H)	Inserter: 14.33" x 10.12" - 19.2" x 13" (364 mm x 257 mm – 487.7 mm x 330.2 mm) Drawer: 14.33" x 10.12" - 19.2" x 12.6" (364 mm x 257 mm – 487.7 mm x 320.2 mm)
Contents sheet size (W x H)	7.17" x 10.12" - 9" x 12.6" (182 mm x 257 mm – 228.6 mm x 320 mm) (sheet vertical to horizontal ration should be 1: 1.25-1.5)
Paper weight	Contents: 16 lb Bond to 28 lb Bond (60 to 105 g/m ²) Insertion: 28 lb Bond to 110 lb Text (106 to 163 g/m ²)(up to 10 sheets) Cover: 24 lb Bond to 110 lb Cover (91 to 300 g/m ²)
Margin trimming	3-side or no trimming Top & Bottom: 0.26" – 1.56" (6.5 - 39.5mm) Side: 0.26" – 1.95" (6.5- 49.5mm)
Tray capacity	Up to 10 books of 100 sheets Up to 25 books of 10 sheets contents
Warm-up time	Up to 440 seconds
Power Source	208V / 15A outlet
Dimensions (H x W x D)	Approximately 53.5" x 36.3" x 31.1" (1,360 mm x 922 mm x 791 mm)
Weight	Approximately 697 lb (316 kg)

Finisher-AJ1 Specifications (Table 53)

Finisher-AJ1	
Paper 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))
Paper Weight	16 lb bond to 120 lb cover (60 to 325 g/m ²)
Paper Type	Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum
Capacity Per Tray	No Collating, Collate, Group mode (Non-Coated Paper)
	Tray A: <ul style="list-style-type: none"> If the High Volume Stack Mode is set to 'Off': Up to 1,000 Sheets If the High Volume Stack Mode is set to 'On': <ul style="list-style-type: none"> LTR, LTRR, EXEC: up to 3,000 sheets (or 16 5/8" (423 mm) in height) 11" x 17", LGL: up to 1,500 sheets (or 8 1/2" (216 mm) in height) <i>When the optional booklet trimmer is attached, the high volume stack mode is not available.</i>
	Tray B: <ul style="list-style-type: none"> LTR, LTRR, EXEC: Up to 2,000 sheets (or 11 1/4" (285 mm) in height) 11" x 17", LGL: up to 1,000 sheets (or 5 3/4" (147 mm) in height)
	If the optional Booklet Trimmer is attached, operation of the finisher is limited in the following ways: <ul style="list-style-type: none"> Tray A cannot be used in the staple or offset mode. If prints exceed a trays stacking limit, further prints cannot be diverted to another tray.
Max. Stapling Capacity / Available Staple Size	When the standard staple cartridge is attached: (The maximum stapling capacity may vary, depending on the paper type and weight.) <ul style="list-style-type: none"> LTR, EXEC: up to 100 sheets (20 lb bond (80 g/m²)) or Heavy paper below 1/2" (11 mm), up to 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (73 lb cover (200 g/m²)) 11" x 17", LGL, LTRR: up to 50 sheets (20 lb bond (80 g/m²)) or Heavy paper below 1/4"(5.5 mm), up to 48 sheets (20 lb bond (80 g/m²)) + 2 sheets (73 lb cover (200 g/m²)) Corner Stapling: 11" x 17", LGL, LTR, LTRR, EXEC Double Stapling: 11" x 17", LGL, LTR, LTRR, EXEC
Power Source	120 volts, 50/60hz, 15A
Dimensions (H x W x D)	Approximately 46 1/2" x 31 1/2" x 31 1/4" (1,180 mm x 800 mm x 792 mm)
Weight	Approximately 278 lb (126 kg)
Installation Space (W x D)	Approximately 175 3/4" x 44 3/4" (4,463 mm x 1,135 mm) (when the optional POD Deck-A1 is attached)

Saddle Finisher-AJ2 Specifications (Table 54)

Saddle Finisher-AJ2	
Paper 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))
Paper Weight	16 lb bond to 120 lb cover (60 to 325 g/m ²)
Paper Type	Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum
Capacity Per Tray	No Collating, Collate, Group mode (Non-Coated Paper)
	Tray A: <ul style="list-style-type: none"> If the High Volume Stack Mode is set to 'Off': Up to 1,000 Sheets If the High Volume Stack Mode is set to 'On': <ul style="list-style-type: none"> • LTR, LTRR, EXEC: up to 3,000 sheets (or 16 5/8" (423 mm) in height) • 11" x 17", LGL: up to 1,500 sheets (or 8 1/2" (216 mm) in height) <i>When the optional booklet trimmer is attached, the high volume stack mode is not available.</i>
	Tray B: <ul style="list-style-type: none"> LTR, LTRR, EXEC: Up to 2,000 sheets (or 11 1/4" (285 mm) in height) 11" x 17", LGL: up to 1,000 sheets (or 5 3/4" (147 mm) in height)
	If the optional Booklet Trimmer is attached, operation of the finisher is limited in the following ways: <ul style="list-style-type: none"> • Tray A cannot be used in the staple or offset mode. • If prints exceed a trays stacking limit, further prints cannot be diverted to another tray.
Max. Stapling Capacity / Available Staple Size	When the standard staple cartridge is attached: (The maximum stapling capacity may vary, depending on the paper type and weight.) <ul style="list-style-type: none"> • LTR, EXEC: up to 100 sheets (20 lb bond (80 g/m²)) or Heavy paper below 1/2" (11 mm), up to 98 sheets (20 lb bond (80 g/m²)) + 2 sheets (73 lb cover (200 g/m²)) • 11" x 17", LGL, LTRR: up to 50 sheets (20 lb bond (80 g/m²)) or Heavy paper below 1/4"(5.5 mm), up to 48 sheets (20 lb bond (80 g/m²)) + 2 sheets (73 lb cover (200 g/m²)) Corner Stapling: 11" x 17", LGL, LTR, LTRR, EXEC Double Stapling: 11" x 17", LGL, LTR, LTRR, EXEC
Saddle Stitch Staple Capacity	Up to 25 sheets (20 lb bond (80 g/m ²)) For coated paper, up to 15 sheets (20 lb bond (80 g/m ²))
Saddle Stitch Tray Capacity	1 to 5 sheets up to 30 sets (up to 20 sets for LTRR paper) 6 to 10 sheets up to 25 sets (up to 20 sets for LTRR paper) 11 to 20 sheets up to 15 sets (up to 10 sets for LTRR paper)
Power Source	120 volts, 50/60hz, 15A
Dimensions (H x W x D)	Approximately 46 1/2" x 31 1/2" x 31 1/4" (1,180 mm x 800 mm x 792 mm)
Weight	Approximately 277.7 lb (126 kg)
Installation Space (W x D)	Approximately 182 3/8" x 44 3/4" (4,633 mm x 1,135 mm) (when the optional POD Deck-A1 is attached)

Punch Unit-BB1 Specifications (Table 55)

Punch Unit-BB1	
Paper Size	11" x 17", LGL, LTR, LTRR, or EXEC
Paper Weight	16 lb bond to 74 lb cover (60 to 200 g/m ²)
Paper Type	Thin, Plain, Heavy, Recycled, Color, Bond Paper, Tab Paper, Coated, Texture Paper, Vellum
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, LTRR Three Holes: 11" x 17", LTR, EXEC
Puncher Waste Tray Capacity	When approximately 6,000 sheets of paper (equivalent of 20 lb bond (80 g/m ²)) have been punched
Power Source	From the Finisher
Dimensions (H x W x D)	Inside the Finisher
Weight	Approximately 6.6 lb (3 kg)

Professional Puncher-B1 / Insertion Unit-A1 Specifications (Table 56)

Professional Puncher-B1	
Type	External Punch GBC Unit
Hole Punching Method	Press Punch Unit
Paper Size	LTR, Tab (9 x 11)
Waste Tray Capacity	Up to 25,000 sheets or more of 80 g/m ² paper with four-hole punch
Paper Weight	Plain Paper: 75 - 216 g/m ² (20 lb Bond – 80 lb Cover) Coated Paper: 120 - 216 g/m ² (32 lb Bond – 80 lb Cover)
Power Source	120V, 60Hz
Dimensions (D x W x H)	Approximately 31.5" x 12.0" x 40.9" (800 mm x 305 mm x 1,040 mm) with Integration Unit Approximately 31.5" x 22.0" x 40.9" (800 mm x 560 mm x 1,040 mm)
Weight	Approximately 176 lb (80 Kg.)
Note: Estimated Life of 500,000 sheets of paper may vary depending on variables such as following the lubrication schedule, the type of paper being punched, the cover stacks being punched and the typical length of the average job.	

Stack Bypass-A1 Specifications (Table 57)

Stack Bypass-A1	
Tray Capacity	Up to 100 sheets (20 lb Bond)
Paper Size	11" x 17", LGL, LTR, LTR-R, STMT-R, 12" x 18", 13" x 19", EXE, 5.5" x 7.2", 13" x 19.2"
Paper Weight	64 g/m ² – 256 g/m ² (20 lb Bond – 140 lb Index)
Dimensions (H x W x D)	Approximately 13.35" x 4.66" x 21.42" (338.9mm x 118.3mm x 543.9mm) Extension tray shortening Approximately 13.35" x 15.67" x 21.42" (338.9mm x 397.7mm x 543.9mm) Extension tray extending
Weight	Approximately 11.9 lb (5.4kg)

Booklet Trimmer-D1 Specifications (Table 58)

Booklet Trimmer-D1	
Paper Size	LTRR, 11" x 17", LGL, 12" x 18", 13" x 19"
Number of Sheets	Up to 50 sheets (up to 80g/m ²) Up to 48 sheets (80 g/m ²) + 2 sheets (325 g/m ²)
Waste Tray Capacity	Approximately 1,500 sheets of 20 mm width trimmed piece
Conveyer Capacity	Up to 30 booklets
Electric Power Requirement	From the Finisher / 300W Max (50/60 Hz)
Dimensions (D x W x H)	30.4" x 62.1" x 41" (770 mm x 1,575 mm x 1,040 mm)
Weight	Approximately 335 lb (152 kg)

Two-Knife Booklet Trimmer-A1 Specifications (Table 59)

Two-Knife Booklet Trimmer-A1	
Paper Size	LTRR, 11" x 17", LGL, 12" x 18", 13" x 19"
Number of Sheets	Up to 25 sheets/100 pages (16 to 20 lb bond (60 g/m ² to 80 g/m ²)) Up to 15 sheets/60 pages (24 to 28 lb bond (more than 80 g/m ² to 105 g/m ²)) Up to 5 sheets/40 pages (28 lb bond to 110 lb Index (more than 105 g/m ² to 209 g/m ²)) Up to 4 sheets/16 pages (110 lb index to 80 lb Cover (more than 209 g/m ² to 220 g/m ²)) Up to 1 sheet/4 pages (16 lb Bond to 110 lb Cover (more than 209 g/m ² to 300 g/m ²)) Only one cover sheet can be used up to 300 g/m ²
Trimming Width	2 mm - 15 mm (0.08" - 0.59") each width of top and bottom edge Minimum width of book in top and bottom direction; 190 mm (7.48")
Waste Tray Capacity	Approximately 1,500 sheets of 15 mm width trimmed piece
Conveyer Tray Capacity	Up to 30 booklets (Same as the Booklet Trimmer-D1. The Two-Knife Booklet Trimmer-A1 does not have conveyer tray and uses conveyer tray of the Booklet Trimmer-D1.)
Processing Speed	Follows the binding speed of the Finisher-AJ1/Saddle Finisher-AJ2
Electric Power Requirement	120-127 volts, 50/60hz, 4A Power consumption should not exceed 440W
Dimensions (D x W x H)	30.3" x 21.1" x 40.9" (770 mm x 536 mm x 1,040 mm) o This does not include the dimension of the conveyer tray o It will add approximately 2" (5mm) in width when it is connected to the Booklet Trimmer-D1
Weight	Approximately 320 lb (145 kg)

Square Fold Booklet-maker with Two-Knife Trimmer Specifications (Table 60)

Square Fold Booklet-Maker with Two-Knife Trimmer		
Input Accessory	Booklet Trimmer-D1 (Required)	
Pass through width (no Trimming)	Approximately 8.27" (210 mm) – 12.60" (320 mm)	
Booklet Trimming	Input Width ²⁹	Approximately 8.27" (210 mm) – 13" (330 mm)
	Output Width	Approximately 7.87" (200 mm) – 12.60" (320 mm)
	Length (Input/output)	Approximately 4.71" (120 mm) – 9.60" (244 mm)
Maximum Productivity	Up to 800 booklets/hour (each booklet up to 21 lb Bond and 100 pages)	
Sheet Capacity to Create a Booklet	Up to 25 sheets (80 g/m ²)	
Trimming Size	Each side: Approximately .08" (2 mm) – 1.38" (35 mm) Together: Approximately .16" (4 mm) – 2.76" (70 mm)	
Paper Weight	Approximately 16 lb Bond to 110 lb Cover (60 g/m ² – 300 g/m ²)	
Asymmetrical trim (Offset capability)	Approximately +/- .59" (15 mm)	
Minimal Booklet Staple Clearance from Top / Bottom	Approximately 1.57" (40 mm)	
Maximum Noise Level	Up to 70 dB	
Humidity	Approximately 30% to 60% RH	
Temperature Range	Approximately 63° F to 86° F (17° C to 30° C)	
Dimensions (H x W x D)	Approximately 51" x 62.6" x 27.6" (1,300 mm x 1,592 mm x 700 mm)	
Weight	Approximately 573 lb (260 kg)	
Power Requirement	120V AC / 60Hz / 15A	
Plug	NEMA 5-15	
Maximum Power Consumption	Approximately 740 W	

²⁹ Booklet input heights greater than 12.60" (320 mm) must be trimmed to 12.60" (320 mm) or less.

Table 61 – USB Flash Drive Specifications (for the USB Key and USB Stick)

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

B. Canon imagePRESS C7010VPS Limited Warranty

CANON imagePRESS C7010VPS LIMITED WARRANTY

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C. Canon imagePRESS C6010VPS Limited Warranty

CANON imagePRESS C6010VPS LIMITED WARRANTY

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CONDITIONS OF WARRANTY

Defective parts must be returned to Canon or an Authorized Service Dealer with all necessary documentation and will become the property of Canon.

THIS WARRANTY APPLIES TO PRODUCTS SOLD AND USED IN THE U.S.A. AND CANADA ONLY.



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D. Canon imagePRESS C6010S Limited Warranty

CANON imagePRESS C6010S LIMITED WARRANTY

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CONDITIONS OF WARRANTY

Defective parts must be returned to Canon or an Authorized Service Dealer with all necessary documentation and will become the property of Canon.

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E. Canon IPQ-2 Drum Limited Warranty

CANON IPQ-2 DRUM LIMITED WARRANTY

Canon U.S.A., Inc. and Canon Canada, Inc. (collectively "Canon") warrant the IPQ-2 Drum incorporated into the imagePRESS product (the "Product") packaged with this Limited Warranty (the "Drum") to be free from defects in workmanship and materials under normal use and service, other than exterior defects, such as nicks, scratches, or dents, for 30 days after delivery to the original purchaser of the Drum or use of it to make 1,000 prints or copies, whichever comes first (the "Warranty Period"). If the Drum proves to be defective within this Warranty Period, Canon shall, at its sole option, replace it without charge.

Following the expiration of the 30-day warranty period and continuing for a period of 120 days after delivery to the original purchaser of the Drum or use of it to make a maximum of 420,000 prints or copies,(or a combination of both) whichever comes first, Canon shall provide a credit ("Credit") to the original purchaser toward the purchase of a replacement Drum if the Drum fails to operate under normal use and service by reason of any defect in workmanship and materials, other than exterior defects, such as nicks, scratches, or dents. The Credit shall be a percentage of Canon's then current dealer price for the replacement Drum determined as set forth in the example below.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES AND CONDITIONS, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES AND CONDITIONS REGARDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, RELATING TO THE USE OR PERFORMANCE OF THE DRUM. NO OTHER EXPRESS WARRANTY, CONDITION OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON, FIRM OR CORPORATION WITH RESPECT TO THE DRUM SHALL BIND CANON OR ANY AUTHORIZED SERVICE DEALER. NO WARRANTY IS GIVEN ON ANY USED DRUM.

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CONDITIONS OF WARRANTY

The defective Drum must be returned to your Canon Authorized Service Dealer, with all necessary documentation (machine log, a sample copy or other documents as required from time to time) to receive the Credit or replacement Drum. Credits will be based on the then current dealer price of the replacement Drum, and will be pro-rated based on the prints or copies made, or a combination of both, as described in the Example of Credit below.

EXAMPLE OF CREDIT

Drum inoperative after: 210,000 prints/copies in 120-days or less after delivery to original purchaser.
Calculation of the Credit may be illustrated by the following example:

$$\text{Calculation: } \frac{420,000 - 210,000}{420,000} = \frac{210,000}{420,000} = 50\% \text{ of the dealer price of the replacement Drum}$$

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