imagePRESS C6010VP

Customer Expectations Document

Version 2

Engineering Services and Solutions Division

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

Contents

IMPORTANT

The purpose of this Customer Expectations Document is to explain the current features and capabilities of the imagePRESS C6010VP, and provide customers information about what to expect before purchasing the machine.

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

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1. Introduction

The Canon imagePRESS C6010VP Customer Expectations Document contains information about the features and capabilities of the Canon imagePRESS C6010VP. This document should be used as part of the presale and preinstallation planning process to help clarify the requirements and responsibilities associated with supporting, owning, and operating the imagePRESS C6010VP. It is also recommended that those interested in purchasing the imagePRESS C6010VP have, and familiarize themselves with, the information in this document prior to making their purchase.

2. Product Overview

The Canon imagePRESS C6010VP brings the following capabilities to users in a high-volume, mid-production office environment, including commercial printers, Print-for-Pay, and CRD customers:

- Printing and copying speeds of up to 60 ppm (LTR, Color and Black-and-White)
- High-image quality on various media with a large image area, keeps the color consistent and durable.
- Prints up to 1,200 x 1,200 dpi.
- Scans in up to 600 x 600 dpi, and then outputs the image in up to 1,200 x 1,200 dpi interpolated resolution. This results in higher quality characters, smoother corners, and cleaner gradient transitions. Text appears sharper, and graphics appear clear and detailed.
- Designed with new technologies, such as the oil-less V toner, E drum, Twin Red Imaging Laser Beam scanner, Twin Sleeve Developer Unit with a hygro-thermal sensor, and Real Time and Post Fusing calibration to achieve high-image quality, color consistency, and media versatility.

2.1 Summary of Functions

Function	imagePRESS C6010VP
Output Speed (Color)	60 ppm (LTR)
Output Speed (B&W)	60 ppm (LTR)
Engine Resolution	1,200 x 1,200 dpi
Gradations	256 levels
Max. Paper Size	13" x 19.2"
Max. Paper Weight	120 lb cover (325 g/m^2)
Max. Printable Area	12.7" x 19" (323 mm x 482.7 mm)[1]
Printer Memory	1.5 GB
Copy	Yes (w/optional Reader)
Mail Box	Yes
Network	Yes
Remote UI	Yes
MEAP Capability	Yes
Controllers	imagePRESS Server A3300 imagePRESS Server A2300 imagePRESS CR Server A7500 imagePRESS CR Server A7000 V2 Color UFR II/PCL/PS Printer Kit-T2
Network Scanning	Yes (w/optional Reader)
Send	Optional (Universal Send)

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

2.2 Offset Press vs. Digital imagePRESS

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

A **digital press** uses an electrostatic process to produce "offset-like" image quality at a fraction of the cost of an offset press. In the imagePRESS C6010VP digital press, the drum is imaged; the toner is applied, and then transferred to the ITB (Intermediate Transfer Belt). The ITB then transfers all four toner colors to the paper in one single pass. The small toner particle size captures a greater color gamut space, closer to that of an offset press.

2.3 Image Stabilization Control

The quality of printed images is affected by changes in the environment, such as temperature and humidity in which the machine is installed. It is also affected by the deterioration of image formation parts through extended usage. The imagePRESS C6010VP performs image stabilization by controlling the LUT (Lookup Table) and laser power based on the toner charge amount that is assumed by temperature, humidity, and consumption readings sensed in the developing unit by the hygro-thermal sensor. This technology moderates toner density fluctuations when the machine starts up and at sudden changes in the environment when the marking engine is not operated for some time.

2.4 Professional Input/Output Accessories

The imagePRESS C6010VP features many input and output accessories that allow customers working in office environments to complete large jobs directly from the machine. For more information on the input and output accessories that can be attached to the machine, see

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

Finishing (Output) Accessories
- Professional Puncher-B1 & Professional Puncher Integration Unit-A1
- High Capacity Stacker-C1 (x 2)
- High Capacity Stacker-F1 (Requires the imagePRESS Server A3300/A2300/A1300)
- Perfect Binder-B1
- Saddle Finisher-AJ2
- Finisher-AJ1
- Puncher Unit-BB1
- Booklet Trimmer-D1
- Two-Knife Booklet Trimmer-A1
- Document Insertion Unit-C1
- SDD (Smart Dedicated Design) Square Fold Booklet-Maker with Two-Knife Trimmer

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

3. Machine Dimensions and Space Requirements

3.1 Dimensions

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

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

*1   The Marking Engine, Sub Station, and Power Station Unit all make up what is hereinafter referred to as the "Main Unit."
*2   The expansion tray is attached.
*3   The auxiliary booklet tray is attached.
*4   The Insertion Unit is included.
*5   The auxiliary tray is extended.
*6   The Square Fold Booklet-Maker Conveyor Tray is fully extended.
*7   When the eject tray is extended the depth is 49.2" (1,250 mm).

3.2 Weight

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

Unit	Weight	
Main Unit	2,645 lb	1,200 kg
POD Deck-A1	551 lb	250 kg
Secondary POD Deck-A1	507 lb	230 kg
Paper Deck-AC1	112 lb	51 kg
Stack Bypass-A1	11.9 lb	5.4 kg
Color Image Reader-H1	38.5 lb	17.5 kg
DADF-R1	48.5 lb	22 kg
Professional Puncher-B1	176 lb	80 kg
Professional Puncher Integration Unit-A1	88 lb	40 kg
High Capacity Stacker-C1	478 lb	217 kg
High Capacity Stacker-F1	264.6 lb	120 kg
Saddle Finisher-AJ2	397 lb	180 kg
Finisher-AJ1	287 lb	130 kg
Puncher Unit-BB1[1]	7 lb	3 kg
Booklet Trimmer-D1	335 lb	152 kg
Two-Knife Booklet Trimmer-A1	320 lb	145 kg
Document Insertion Unit-C1	37.5 lb	17 kg
Perfect Binder-B1[2]	697 lb	316 kg
Square Fold Booklet-Maker & Two-Knife Trimmer	573 lb	260 kg

*1   Installed inside the optional Finisher-AJ1 or Saddle Finisher-AJ2.
*2   Includes the document insertion unit.

3.3 Installation and Service Space

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

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

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

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

Equipment	Dimensions When Transporting (Depth x Width)	Minimum Corridor Width Required
Marking Engine	54 3/4" x 43 1/2" (1,390 mm x 1,105 mm)	89 5/8" (2,276 mm)
Sub Station	47 1/4" x 31 1/8" (1,200 mm x 792 mm)	76 1/4" (1,938 mm)
Power Station Unit	54 1/2" x 8 1/8" (1,383 mm x 227 mm)	74 7/8" (1,902 mm)
POD Deck-A1	38 5/8" x 31 1/4" (982 mm x 792 mm)	69 3/8" (1,762 mm)
Secondary POD Deck-A1	31 1/4" x 29 3/8" (792 mm x 745 mm)	62 1/2" (1,587 mm)
Professional Puncher-B1	31 1/4" x 12" (792 mm x 305 mm)	53 1/8" (1,349 mm)
Professional Puncher Integration Unit-A1	31 1/4" x 9 7/8" (792 mm x 250 mm)	52 3/8" (1,331 mm)
High Capacity Stacker-C1	33 7/8" x 30 1/8" (860 mm x 765 mm)	65" (1,651 mm)
Perfect Binder-B1	36 5/16" x 31 1/8" (922 mm x 791 mm)	67 1/2" (1,715 mm)
Saddle Finisher-AJ2	31 1/2" x 31 1/4" (800 mm x 792 mm)	64" (1,626 mm)
Finisher-AJ1	31 1/2" x 31 1/4" (800 mm x 792 mm)	64" (1,626 mm)
Booklet Trimmer-D1	62" x 30 3/8" (1,575 mm x 770 mm)	88 3/4" (2,254 mm)
Two-Knife Booklet Trimmer-A1	30 3/8" x 21 1/8" (770 mm x 536 mm)	56 5/8" (1,439 mm)
Document Insertion Unit-C1	26 1/4" x 24 5/8" (667 mm x 625 mm)	55 5/8" (1,414 mm)

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

3.3.2 Dimensions Diagrams

Provide at least 31.5" behind the machine, and 19.7" in front and on the sides of the machine (with all doors and access panels open).

Approx. 45.4"

Approx. 52.4"

Approx. 58.1"

Approx. 40.9"

Approx. 95.7"

Approx. 36.3"

Approx. 33.9"

Approx. 33.9"

Approx. 22.0"

Approx. 101.8"

Approx. 70.6"
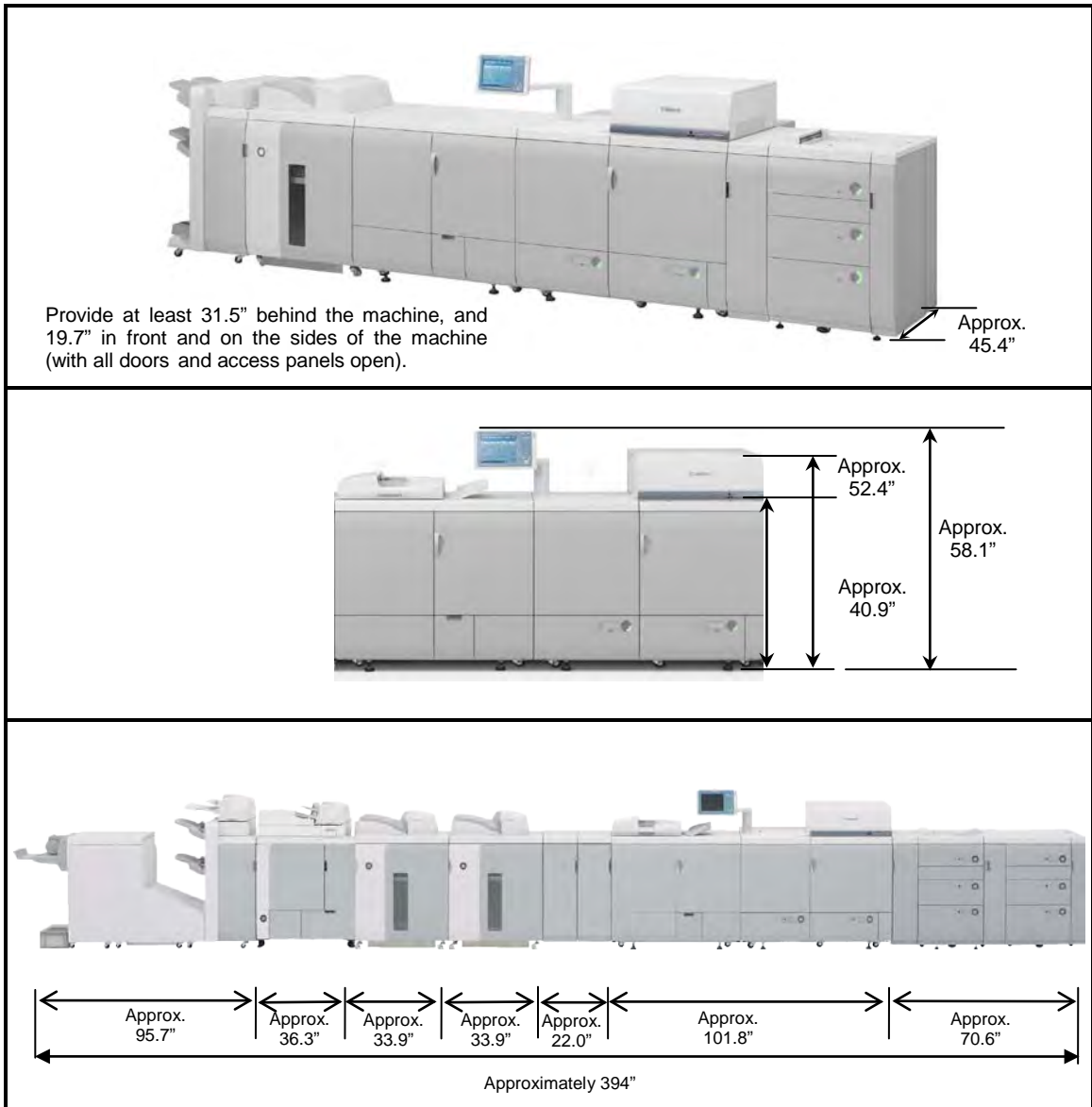
Approximately 394"

3.3.3 Installation Space Diagrams

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

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

The optional Finisher-AJ1 is attached.

[1] Marking Engine	[3] Power Station Unit
[2] Sub Station	[4] Finisher-AJ1

The optional High Capacity Stacker-C1 and Paper Deck-AC1 are attached.

[1] Marking Engine	[4] Paper Deck-AC1
[2] Sub Station	[5] High Capacity Stacker-C1
[3] Power Station Unit	

Maximum Configuration

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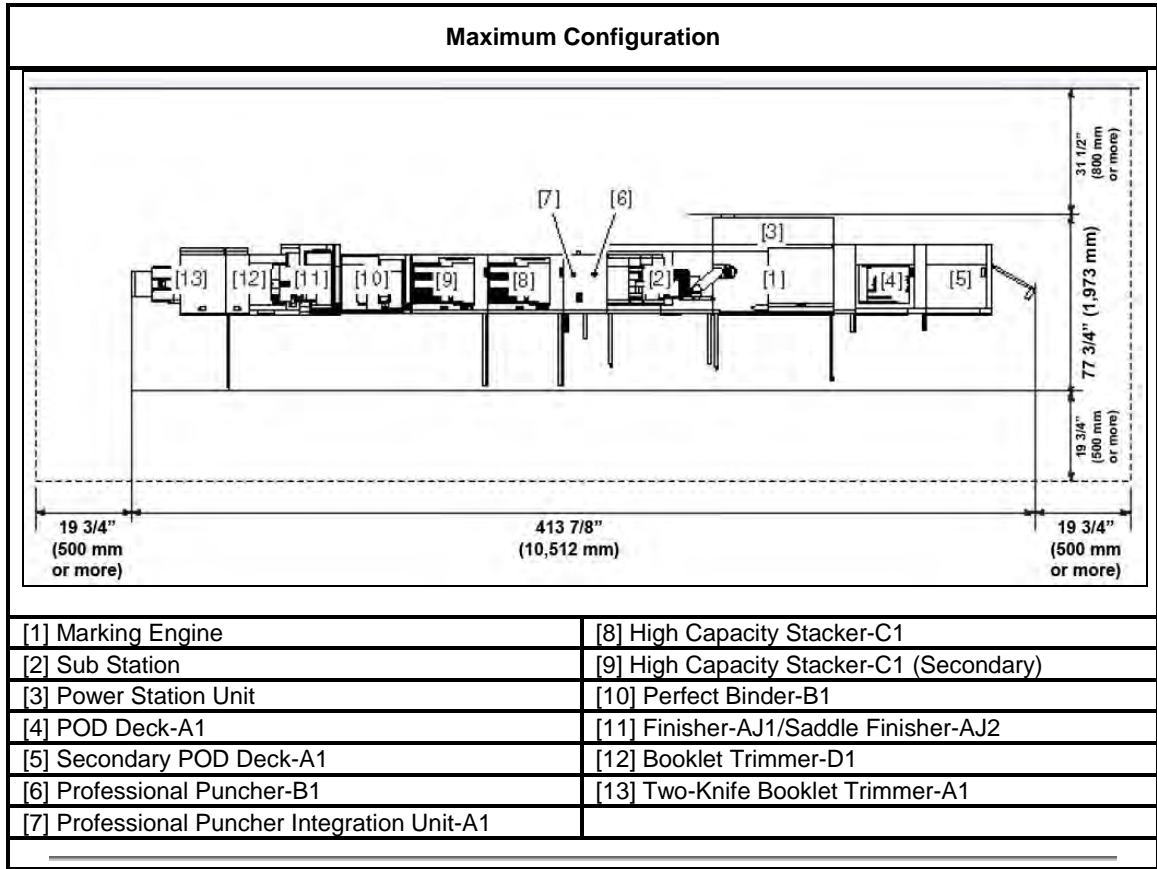
✋IMPORTANT

- The maximum configuration (fully configured machine) includes 1-POD Deck-A1, 1-Secondary POD Deck-A1, the Main Unit (Marking Engine, Sub Station, and Power Station Unit), Professional Puncher-B1 and Professional Puncher Integration Unit-A1, 2-High Capacity Stackers-C1, Perfect Binder-B1, Saddle Finisher-AJ2, Booklet Trimmer-D1, and Two-Knife Booklet Trimmer-A1.
- The fully configured width of the machine includes opening space for the POD Deck door and the extended tray of the Two-Knife Booklet Trimmer.
- The optional SDD Square Fold Booklet-Maker with Two-Knife Trimmer is not shown in the configuration diagrams above. If the SDD Square Fold Booklet-Maker with Two-Knife Trimmer is attached to the machine, make sure that there is approximately 41.2" (1,046 mm) of space added to the installation space and floor design.
- The optional High Capacity Stacker-F1 is not shown in the configuration diagrams above. If the High Capacity Stacker-F1 is attached to the machine, make sure that there is approximately 35.4" (899 mm) of space added to the installation space and floor design.
- There is approximately 1/5" (5 mm) of space between each of the following attached accessories: the High Capacity Stacker-C1 or High Capacity Stacker-F1, Perfect Binder-B1, Finisher-AJ1 or Saddle Finisher-AJ2, Booklet Trimmer-D1, and SDD Square Fold Booklet-Maker with Two-Knife Trimmer.

3.4 Recommended Floor Space Requirements

For a fully configured imagePRESS C6010VP, it is recommended that there be at least 37.8' (W) x 10.7' (D) of level floor space.
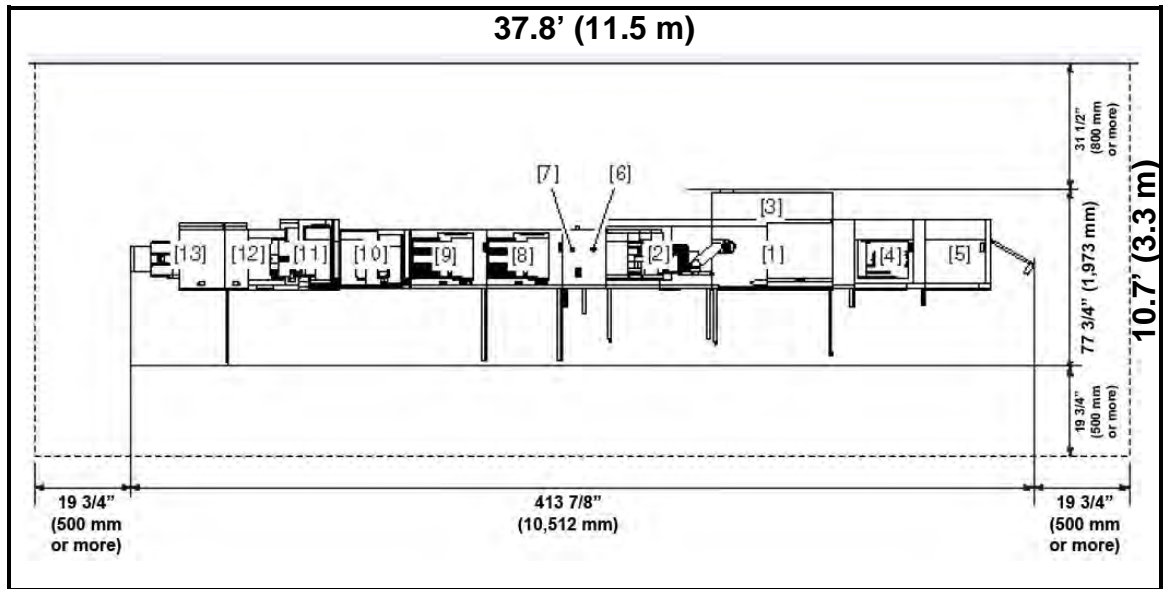
IMPORTANT

- The imagePRESS C6010VP was created to be modular in design. Floor space, budget, monthly copy/print volume, and applications will determine which configuration works best.
- If the SDD Square Fold Booklet-Maker with Two-Knife Trimmer is attached to the machine, make sure that there is approximately 41.2" (1,046 mm) of space added to the installation space and floor design.
- If the High Capacity Stacker-F1 is attached to the machine, make sure that there is approximately 35.4" (899 mm) of space added to the installation space and floor design.
- Some type of finishing option (Saddle Finisher-AJ2, Finisher-AJ1, High Capacity Stacker-C1, or High Capacity Stacker-F1) is required.
- Any configuration of up to 1-POD Deck-A1, 1-Secondary POD Deck-A1, and 2-High Capacity Stackers-C1 may be attached to the machine at once.
- Only one High Capacity Stacker-F1 can be attached to the machine.

3.5 Floor Structure Requirements

The floor on which this machine is installed must have strength of at least 92.2 lb/ft^2 (450 kg/m^2). If the floor does not have this level of strength, consult a building contractor before installing the machine.

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

3.6 Network Interface Connectivity

A standard Ethernet 10/100Base-T interface jack (RJ-45) for device installation, monitoring, and Mail Box access via the Remote UI, ships standard with all configurations.

A USB 2.0 High-Speed interface port ships standard with all configurations for direct connection to centralized environments that want to drive all jobs through a single host PC.

4.   Power/Electrical Requirements

The imagePRESS C6010VP requires a NEMA L21-30 receptacle for the main unit and proper operation.

NEMA L21-30 Receptacle

4.1 Power Requirements for the Main Unit and Optional Accessories

Part or Accessory	Power Supply	Power Supply Cord/Plug Specifications	Length of Power Cord
Main Unit	3 Phase 208 V/30 A outlet Y Configuration	NEMA L21-30	9' 8" (3 m)
POD Deck-A1[*1]	1-208 V/15 A outlet (regardless of the number of POD Decks connected)	NEMA 6-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6' (1.8 m)
Paper Deck-AC1[*2]	From the main unit	—	—
Color Image Reader-H1[*2]	From the main unit	—	—
DADF-R1[*2]	From the main unit	—	—
High Capacity Stacker-C1[*3]	1-120 V/15 A outlet (regardless of the number of stackers connected)	NEMA 5-15	6' (1.8 m)
High Capacity Stacker-F1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Professional Puncher-B1 & Professional Puncher Integration Unit-A1[*4]	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Saddle Finisher-AJ2	1-120 V/15 A outlet	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6' (1.8 m)
Finisher-AJ1	1-120 V/15 A outlet	NEMA 5-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	6' (1.8 m)
Perfect Binder-B1	1-208 V/15 A outlet	NEMA 6-15 UL498, 2-pole, 3-wire, grounding devices rated 250 V/15 A	9' (3 m)
Documentation Insertion Unit-C1[*2]	From the finisher	—	—
Puncher Unit-BB1[*2]	From the finisher	—	—
Booklet Trimmer-D1	From the finisher	—	—
Stack Bypass-A1[*2]	From the main unit	—	—
Two-Knife Booklet Trimmer-A1	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
Square Fold Booklet-Maker & Two-Knife Trimmer[*6]	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
External Start Interface Kit for the SDD Two-Knife Trimmer	1-120 V/15 A outlet	NEMA 5-15	6' (1.8 m)
imagePRESS Server A2300[*5]	1-115 V/6 A outlet	NEMA 5-15	6' (1.8 m)
imagePRESS Server A3300	2-115 V/6 A outlets	NEMA 5-15	6' (1.8 m)
imagePRESS CR Server A7000 V2	2-115 V/6 A outlets	NEMA 5-15	6' (1.8 m)
imagePRESS CR Server A7500	2-115 V/6 A outlets	NEMA 5-15	6' (1.8 m)

*1 The Secondary POD Deck-A1 draws power from the POD Deck-A1.
*2 Does not require any additional outlets.
*3 If a second High Capacity Stacker-C1 is connected, the second stacker draws power from the first stacker.
*4 The Professional Puncher Integration Unit-A1 provides the Professional Puncher-B1 with power.
*5 If the optional Integrated Interface & Stand-A1, which includes a furniture stand, monitor, keyboard, and mouse, is installed, an additional 115 V/6 A (NEMA 5-15) receptacle is required for the monitor.
*6 The SDD Two-Knife Trimmer provides the SDD Square Fold Booklet-Maker with power.

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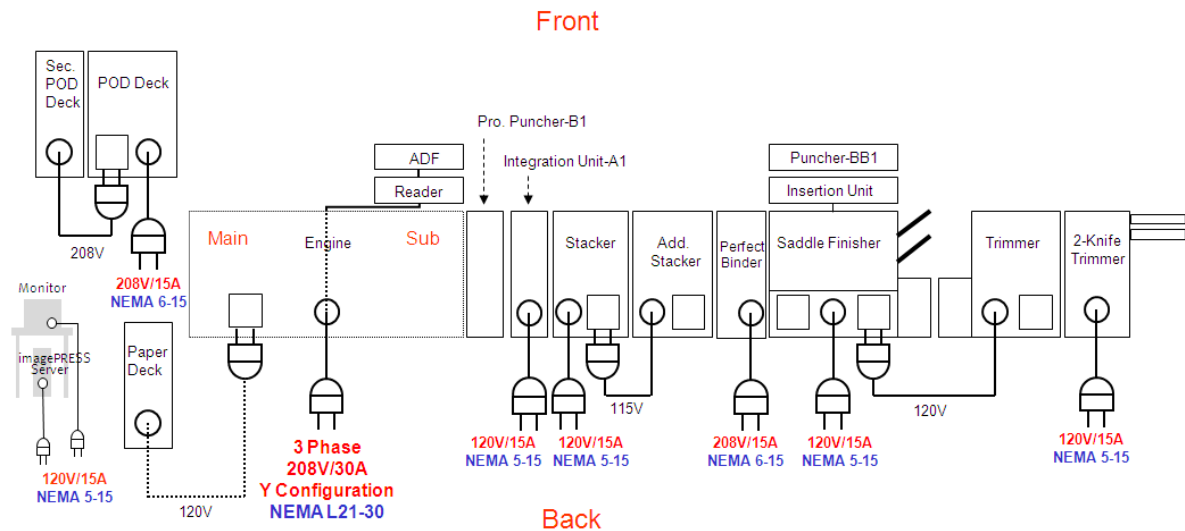
IMPORTANT

- Phase converters and step down transformers are not supported.
- We recommend an additional standard 115 V/15 A outlet for service tools, such as a laptop computer or vacuum that may be used when servicing or configuring the machine.
- Use only dedicated and properly grounded outlets for the main unit and imagePRESS Server. It is also strongly suggested to use dedicated and properly grounded outlets for each optional accessory. Do not use extension cords. The ground connection serves to provide the internal electronics with a reference voltage. Faulty or poor ground sources will cause this reference voltage to fall into a range that no longer serves as a reliable reference voltage. The internal logic and programming of the imagePRESS C6010VP will not perform reliably because there is an insufficient difference between the internal operating signal voltages and the poor ground reference signal. A qualified electrician can measure and provide the ground source that the imagePRESS C6010VP or any computer controlled office equipment requires.
- Before installation, confirm that all necessary receptacles are available.
- If the optional Integrated Interface & Stand-A1, which includes a furniture stand, monitor, keyboard, and mouse, is installed on the imagePRESS Server A2300, an additional 115 V/6 A (NEMA 5-15) receptacle is required for the monitor.

5.   Environmental Factors and Requirements

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

5.1   Temperature and Humidity Conditions

The optimal humidity range is 30% to 70% RH (Relative Humidity) with a room temperature of 68°F to 80.6°F (20°C to 27°C). Make sure to maintain a constant temperature and humidity within this range. Otherwise, there is a risk that productivity, paper feeding, image quality, and reliability may be affected if the machine is operated outside of these guidelines.

The machine should not be installed in locations with significant shifts in temperature or humidity. Areas containing water, or equipment that can significantly alter room temperature or humidity, such as a space heater, stove, or portable air conditioner, should be avoided.

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

Only use paper that has fully acclimatized to the environment in which the machine is installed. Using paper that has been stored in a different environment (with a different temperature and humidity), may cause paper jams or result in poor print quality.

5.2   Temperature Gradient

Using an air conditioner during the winter, or if a sudden temperature change occurs, may have an adverse affect on image positioning. Sudden temperature changes may cause the paper to bend or contract, cause the machine to malfunction, and form condensation. Every effort should be made to maintain consistent temperature and humidity levels in the operating environment at all times for the imagePRESS C6010VP.

5.3 Ventilation

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

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

5.4 Elevation Limitations

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

5.5 Lighting

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

5.6 Sunlight

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

5.7 Ammonia

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

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

6.   Specifications

6.1   Main Unit

Item	Specifications
Name	Canon imagePRESS C6010VP
Type	Console
Drum	Photosensitive OPC Drum x 4
Color Supported	Full Color
Engine Resolution	Up to 1,200 dpi x 1,200 dpi
Reading Resolution	Up to 600 dpi x 600 dpi
Number of Gradations	256
Memory	1.5 GB (standard)
Hard Disk	80 GB x 2
Paper Size/Weight/Type	Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Irregular Size (7 1/8" x 7 1/8" to 13" x 19 13/64" (182 mm x 182 mm to 330.2 mm x 487.7 mm)) Weight: 16 lb bond to 120 lb cover (60 to 325 g/m^2) Thickness: Fewer than 350 μm Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Tab Paper, Coated, Texture Paper, Vellum
Margin	Top Margin: 1/8" (2.5 mm) Left and Right Margins: 1/8" (2.5 mm) Bottom Margin: 1/8" (2.5 mm)
Warm-Up Time	After Powering ON: Fewer than 7 minutes Returning from the Sleep mode: Fewer than 7 minutes Activation time may vary, depending on the conditions under which the machine is being used. (In all cases, at a room temperature of 68°F.)
First Copy Time	Full Color: 28 seconds Black-and-White[1]: 28 seconds *1 When the Black mode is set.

Main Unit Table Continued

Item	Specifications	
Copy/Print Speed (Except when paper is fed from the optional Stack Bypass-A1)	Direct (sheets/minute) in both the Full Color and Black modes	
	13" x 19"	Approximately 28.8 sheets/minute (16 lb bond to 80 lb cover (60 to 209 g/m^2)) Approximately 26.8 sheets/minute (80 to 120 lb cover (210 to 325 g/m^2))
	12" x 18"	Approximately 30.6 sheets/minute (16 lb bond to 80 lb cover (60 to 209 g/m^2)) Approximately 28.3 sheets/minute (80 to 120 lb cover (210 to 325 g/m^2))
	11" x 17"	Approximately 32.2 sheets/minute (16 lb bond to 80 lb cover (60 to 209 g/m^2)) Approximately 30.0 sheets/minute (80 to 120 lb cover (210 to 325 g/m^2))
	LGL	Approximately 41.8 sheets/minute (16 to 28 lb bond (60 to 105 g/m^2)) Approximately 33.3 sheets/minute (28 lb bond to 63 lb cover (106 to 170 g/m^2)) Approximately 25.1 sheets/minute (63 to 120 lb cover (171 to 325 g/m^2))
	LTR	Approximately 60.0 sheets/minute (16 lb bond to 120 lb cover (60 to 325 g/m^2))
	LTRR	Approximately 53.2 sheets/minute (16 to 28 lb bond (60 to 105 g/m^2)) Approximately 42.4 sheets/minute (28 lb bond to 63 lb cover (106 to 170 g/m^2)) Approximately 31.9 sheets/minute (63 to 120 lb cover (171 to 325 g/m^2))
	EXEC	Approximately 71.6 sheets/minute (16 lb bond to 63 lb cover (60 to 170 g/m^2)) Approximately 61.1 sheets/minute (63 to 120 lb cover (171 to 325 g/m^2))
	The copy/print speeds above may not be achieved if the user copies/prints in the conditions below: • If different paper types are used at the same time • If different paper sizes are used at the same time • If copying/printing as one- and two-sided documents at the same time. For example, the main document is copied/printed as one-sided, and the cover and sheet insertions are copied/printed as two-sided while bookbinding. • If a saddle stitched booklet is created using one or two sheets • If paper whose length of the feeding direction is 18" (457.2 mm) or more is used, while creating a saddle stitched booklet.	
Paper Feeding System/ Capacity	Up to 1,000 sheets x 2 paper decks (20 lb bond (80 g/m^2))	
Multiple Copies	1 to 9,999 sheets	
Power Source	3-phase, 5-wire 208 V AC, 60 Hz, 30 A (one power cord)	
Maximum Power Consumption	8,500 W	
Dimensions (H x W x D)	52 3/8" x 101 7/8" x 45 3/8" (1,330 mm x 2,586 mm x 1,152 mm)	
Weight	Approximately 2,645 lb (1,200 kg)	

Main Unit Table Continued

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

6.2 Color Image Reader-H1

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

6.3 Feeder (DADF-R1)

Item	Specifications
Original Feeding Mechanism	Automatic Document Feeder
Size and Weight of Originals	Original Supply Tray: 11" x 17", LGL, LTR, LTRR, or STMT (STMT originals cannot be placed horizontally (STMTR).) 1-sided scanning: 13 to 57 lb bond (50 to 216 g/m^2) 2-sided scanning: 13 to 57 lb bond (50 to 216 g/m^2) for LTR, and 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
Original Replacement Speed	Copying: 50 sheets/minute (LTR in the Black-and-White and Full Color modes) Scanning: 80 sheets/minute[1] maximum (LTR in the Black-and-White and Full Color modes at 300 dpi) [1] The scanning speed may vary, depending on the scanning mode and original type.
Power Source/ Consumption	From the main unit. 100 W maximum
Dimensions (H x W x D)/Weight	5 5/8" x 25 1/2" x 22 1/2" (143 mm x 646 mm x 570 mm) Approximately 48.5 lb (22 kg) (excluding the output tray)

6.4 POD Deck-A1/Secondary POD Deck-A1

Item	Specifications
Paper Size/Weight/Type	Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Irregular Size (7 1/8" x 7 1/8" to 13" x 19 13/64" (182 mm x 182 mm to 330.2 mm x 487.7 mm)) Weight: 16 lb bond to 120 lb cover (60 to 325 g/m^2) Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated, Texture Paper, Vellum
Paper Deck Capacity	Upper and Middle Decks: 1,000 sheets x 2 paper decks (20 lb bond (80 g/m^2)) Lower Deck: 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, 2.8 A)
Maximum Power Consumption	POD Deck-A1 Only: 750 W POD Deck-A1 + Secondary POD Deck-A1: 1,380 W
Dimensions (H x W x D)/ Weight	POD Deck-A1 Only: 43 1/8" x 38 5/8" x 31 1/4" (1,095 mm x 982 mm x 792 mm) (including the escape tray) Approximately 551 lb (250 kg) POD Deck-A1 + Secondary POD Deck-A1: 43 1/8" x 70 5/8" x 31 1/4" (1,095 mm x 1,793 mm x 792 mm) (including the escape tray) Approximately 1,058 lb (480 kg)
Installation Space (W x D)	POD Deck-A1 Only: 140 5/8" x 45 3/8" (3,573 mm x 1,152 mm) POD Deck-A1 + Secondary POD Deck-A1: 172 5/8" x 45 3/8" (4,384 mm x 1,152 mm)

6.5 Paper Deck-AC1

Item	Specifications
Paper Size/Weight/Type	Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, or LTRR Weight: 17 lb bond to 110 lb cover (64 to 300 g/m^2) Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated, Texture Paper, Vellum
Paper Deck Capacity	3,500 sheets (20 lb bond (80 g/m^2))
Power Source	From the main unit.
Maximum Power Consumption	280 W (including the deck heater)
Dimensions (H x W x D)/ Weight	22 1/2" x 23 5/8" x 24 1/2" (570 mm x 601 mm x 621 mm) Approximately 112.4 lb (51 kg)
Installation Space (W x D)	125 5/8" x 45 3/8" (3,192 mm x 1,152 mm)

6.6 Stack Bypass-A1

Item	Specifications
Paper Size/Weight/Type	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)) Weight: 17 lb bond to 140 lb index (64 to 256 g/m^2) Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Transparency, Labels, Coated[*1], Texture Paper, Vellum
Paper Capacity	100 sheets (20 lb bond (80 g/m^2))

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

6.7 Tab Feeding Attachment-C1

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

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

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

6.9 Finisher-AJ1

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

Finisher-AJ1 Table Continued

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

Finisher-AJ1 Table Continued

Item	Specifications
Max. Stapling Capacity/Available Staple Size	When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.) LTR, EXEC: 100 sheets (20 lb bond (80 g/m^2)) or Heavy paper stacked less than 1/2" (11 mm) high 98 sheets (20 lb bond (80 g/m^2)) + 2 sheets (110 lb cover (300 g/m^2)) 11" x 17", LGL, LTRR: 50 sheets (20 lb bond (80 g/m^2)) or Heavy paper stacked less than 1/4" (5.5 mm) high 48 sheets (20 lb bond (80 g/m^2)) + 2 sheets (110 lb cover (300 g/m^2)) Corner Stapling: 11" x 17", LGL, LTR, LTRR, EXEC Double Stapling: 11" x 17", LGL, LTR, LTRR, EXEC
Power Source	120 to 127 V AC, 60 Hz, 8 A
Maximum Power Consumption	450 W
Dimensions (H x W x D)/Weight	46 1/2" x 31 1/2" (35"[*1]) x 31 1/4" (1,180 mm x 800 mm (890 mm[*1]) x 792 mm) Approximately 286.6 lb (130 kg) *1 When the extension tray is pulled out.
Installation Space (W x D)	175 7/8" x 45 3/8" (4,468 mm x 1,152 mm) (when the optional POD Deck-A1 is attached)

6.10 Saddle Finisher-AJ2

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

Saddle Finisher-AJ2 Table Continued

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

Saddle Finisher-AJ2 Table Continued

Item	Specifications
Max. Stapling Capacity/Available Staple Size	When the Standard Staple Cartridge Is Attached: (The maximum stapling capacity may vary, depending on the paper type and weight.) LTR, EXEC: 100 sheets (20 lb bond (80 g/m^2)) or Heavy paper stacked less than 1/2" (11 mm) high 98 sheets (20 lb bond (80 g/m^2)) + 2 sheets (110 lb cover (300 g/m^2)) 11" x 17", LGL, LTRR: 50 sheets (20 lb bond (80 g/m^2)) or Heavy paper stacked less than 1/4" (5.5 mm) high 48 sheets (20 lb bond (80 g/m^2)) + 2 sheets (110 lb cover (300 g/m^2)) Corner Stapling: 11" x 17", LGL, LTR, LTRR, EXEC Double Stapling: 11" x 17", LGL, LTR, LTRR, EXEC
Available Saddle Stitch Capacity/Size	Saddle stitch: 25 sheets (20 lb bond (80 g/m^2)) Saddle fold: 5 sheets (20 lb bond (80 g/m^2)) Size: 13" x 19", 12" x 18", 11" x 17", LGL, LTRR, and Irregular Size (8 1/4" x 11" to 13" x 19 13/64" (210 mm x 279.4 mm to 330.2 mm x 487.7 mm)) Weight of cover sheet: (17 lb bond to 110 lb cover (64 to 300 g/m^2)) (The available number of sheets for saddle stitching may decrease, depending on the paper weight or paper type.)
Power Source	120 to 127 V AC, 60 Hz, 8 A
Maximum Power Consumption	450 W
Dimensions (H x W x D)/Weight	46 1/2" x 31 1/2" (41 3/4"[*1]) x 31 1/4" (1,180 mm x 800 mm (1,060 mm[*1]) x 792 mm) Approximately 396.8 lb (180 kg) *1 When the auxiliary booklet tray is pulled out.
Installation Space (W x D)	182 5/8" x 45 3/8" (4,638 mm x 1,152 mm) (when the optional POD Deck-A1 is attached)

6.11 Puncher Unit-BB1

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

6.12 Document Insertion Unit-C1

Item	Specifications
Paper Size/Weight/Type	Upper Tray: LTR, LTRR, EXEC, and Irregular Size (7 1/8" x 7 1/8" to 11 11/16" x 13" (182 mm x 182 mm to 297 mm x 330.2 mm)) Lower Tray: 13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, EXEC, and Irregular Size (7 1/8" x 7 1/8" to 13" x 19 13/64" (182 mm x 182 mm to 330.2 mm x 487.7 mm)) Weight: 16 lb bond to 110 lb cover (60 to 300 g/m^2) Type: Thin, Plain, Heavy, Recycled, Color, Pre-punched, Bond Paper, Coated, Texture Paper, Vellum
Paper Capacity	Upper Tray: 200 sheets (20 lb bond (80 g/m^2)) Lower Tray: 200 sheets (20 lb bond (80 g/m^2))
Power Source/Maximum Power Consumption	From the finisher. 72 W
Dimensions (H x W x D)/ Weight	8 3/8" x 24 5/8" x 26 1/4" (213 mm x 625 mm x 667 mm) Approximately 37.4 lb (17 kg)
Installation Space (W x D)	135 7/8" x 45 3/8" (3,451 mm x 1,152 mm)

6.13 Card Reader-C1

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

6.14 High Capacity Stacker-C1

Item	Specifications
Paper Size	Stack Tray: 11" x 17", 12" x 18", 13" x 19", LGL, LTR, LTRR, EXEC, Tab Paper (LTR)[*1], and Irregular Size (8 1/2" x 7 1/8" to 13" x 19 13/64" (216 mm x 182 mm to 330.2 mm x 487.7 mm)) Proof Tray: 11" x 17", 12" x 18", 13" x 19", LGL, LTR, LTRR, EXEC, STMTR, Post Card, Tab Paper (LTR), and Irregular Size (5 1/2" x 7 1/8" to 13" x 19 13/64" (139.7 mm x 182 mm to 330.2 mm x 487.7 mm))
Paper Capacity	6,000 sheets maximum
Number of Trays	2 trays
Tray Capacity	Proof Tray: 1,000 sheets Stack Tray: 5,000 sheets[*2]
Paper Size/Weight	Size: 13" x 19.2" maximum Weight: 16 lb bond to 120 lb cover (60 to 325 g/m^2)[*3]
Stacking Modes	Straight, Offset
Power Source	120 to 127 V, 50/60 Hz, 7 A
Maximum Power Consumption	300 W
Dimensions (H x W x D)/ Weight	48 7/8" x 33 7/8" x 30 1/8" (1,240 mm x 860 mm x 765 mm) Approximately 478.5 lb (217 kg)

*1 Outputting tab paper to the High Capacity Stacker's Proof Tray, may improve stacking performance.
*2 The maximum stack capacity may differ, depending on the content or paper type. The maximum stack capacity is limited to 2,000 sheets when EXEC paper is used.
*3 The paper weight may differ, depending on the main machine.

6.15 High Capacity Stacker-F1

Item	Specifications

Paper Size	Top Tray, Stack Tray, Eject Tray:
	  13" x 19", 12" x 18", 11" x 17", LGL, LTR, LTRR, STMTR, EXEC, EXECR,
	  Custom Size: 5 1/2" x 7 1/8" to 13" x 19 13/64" (140 mm x 182 mm to
	  330.2 mm x 487.7 mm)

Paper Weight	14 lb bond to 120 lb cover (50 to 325 g/m^2)

Tray Capacity	Top Tray:
	  200 sheets (20 lb bond (80 g/m^2)) or stacked up to 0.8" (20 mm)
	Stack Tray (Internal):
	  3,000 sheets (20 lb bond (80 g/m^2)) or stacked up to 14" (355 mm)
	Eject Tray (External):
	  3,000 sheets (20 lb bond (80 g/m^2)) or stacked up to 14" (355 mm)

Stacking Modes	Straight, Offset
Power Source	120 to 127 V, 60 Hz, 10 A, NEMA 5-15
Maximum Power Consumption	300 W
Dimensions (W x D x H)	35.4" x 29.3" x 40.9" (899 mm x 745 mm x 1,040 mm) 35.4" x 49.2" x 40.9" (899 mm x 745 mm x 1,250 mm) (When the eject tray is extended)
Weight	Approximately 264.6 lb (120 kg)

6.16 Perfect Binder-B1

Item	Specifications
Binding Method	Hot glue at spine with wraparound cover
Booklet Thickness	Approximately 0.1" to 1" (1 mm to 25 mm) (not including covers)
Cutting Range[*1]	Width:[*2] 0.6" to 3.06" (13 mm to 79 mm) Length: 0.3" to 1.9" (6.5 mm to 49.5 mm)
Booklet Size (after 3-direction cutting)[*1]	Width:[*2] 8" to 11.7" (203 mm to 297 mm) Length: 5.4" to 8.5" (138 mm to 216 mm)
Cover Sheet Size	Width:[*2] 10.1" to 13" (257 mm to 330.2 mm) Length: 14.4" to 19.2" (364 mm to 487.7 mm)
Body/Slip Sheet Size[*1]	Width:[*2] 10.1" to 12.6" (257 mm to 320 mm) Length: 7.2" to 9" (182 mm to 228.6 mm)
Paper Weight	Body:[*3] 16 to 43 lb bond (60 to 163 g/m^2) Cover:[*4] 24 to 80 lb bond (90 to 300 g/m^2)
Maximum Binding Capacity	16 lb bond (60 g/m^2): 30 to 200 sheets 17 to 20 lb bond (64 to 80 g/m^2): 10 to 200 sheets 20 to 28 lb bond (81 to 105 g/m^2): 10 to 150 sheets 28 to 43 lb bond (106 to 163 g/m^2): 1 to 10 sheets (slip sheet only)
Margin Trimming	Three Sides or No Trimming Side: 0.26" x 1.9" (6.5 mm x 49.5 mm) Top/Bottom: 0.26" x 1.5" (6.5 mm x 39.5 mm)
Paper that Can Go through the Binder/Pass-Through Transfer Section	Size: Depends on the printer specifications Weight:[*3] 16 lb bond to 120 lb cover (60 to 325 g/m^2)
Glue Capacity	Approximately 0.8 lb (380 grams) (This is enough for approximately 135 booklets when binding 100-page LTR-size booklets of 17 lb bond (64 g/m^2) paper.)
Trimmer Waste Unit Capacity	When binding 100 LTR sheets and cutting them to B5 (6.9" x 9.8" (176 mm x 250 mm)), there is space for the cuttings from approximately 15 booklets.
Tray Capacity	Approximately 5" (127 mm) (This is equivalent to: 10 booklets of 100 body/slip sheets (17 lb bond (64 g/m^2)) + one cover sheet (34 lb bond (128 g/m^2)), or approximately 1,000 sheets of paper total.)
Warm Up Time	Fewer than 7 minutes
Power Source	208 V, 60 Hz, 2.6 A
Maximum Power Consumption	623 W
Dimensions (H x W x D) with Inserter	53.5" x 36.3" x 31.1" (1,360 mm x 922 mm x 791 mm)
Weight	Approximately 697 lb (316 kg)

*1 The width can be adjusted in the range of ±0.03" (±1 mm), and the length can be adjusted in the range of ±0.01" (±0.5 mm).
*2 The width refers to the feeding edge of the paper.
*3 The paper weight may differ, depending on the main machine.
*4 Use grain short paper for the cover if the paper weight is 67 lb bond (251 g/m^2) or higher.

6.17 Booklet Trimmer-D1

Item	Specifications
Margin Trimming Method	Upper knife reciprocating fore-edge
Trim Amount	0.08" to 0.78" (2 mm to 20 mm)
Maximum Number of Sheets[1][2]	50 sheets (20 lb bond (80 g/m^2)) 48 sheets (20 lb bond (80 g/m^2)) + 2 sheets (110 lb cover (300 g/m^2))
Acceptable Paper Sizes[3]	13" x 19.2", 12" x 18", 11" x 17", LGL, LTRR
Acceptable Paper Weights	16 lb bond to 120 lb cover (60 to 325 g/m^2)
Booklet Waste Tray Capacity	1,500 sheets of trimmed strips (width 0.78" (20 mm), LTR paper (20 lb bond (80 g/m^2))
Conveyor Capacity[4]	Conveyor belt - 30 booklets (or 40 sheets of an LTR booklet (20 lb bond (80 g/m^2))
Power Source	From the finisher.
Maximum Power Consumption	300 W
Dimensions (H x W x D)/ Weight	41" x 62" x 30 3/8" (1,040 mm x 1,575 mm x 770 mm) (without conveyor and delivery tray) Approximately 335 lb (152 kg)

[1] If the cover sheet is thinner than the other sheets in the booklet, the cover sheet may be scratched. It is recommended to use a thicker sheet for the cover sheet.
[2] The maximum number of sheets that can be trimmed may differ, depending on the main machine.
[3] The possible trim size may change, depending on the main machine.
[4] The Two-Knife Booklet Trimmer-A1 does not come with a conveyor tray. It can only be used with the optional Booklet Trimmer-D1's conveyor tray. Therefore, the conveyor capacity is the same as the booklet trimmer's conveyor tray.

6.18 Two-Knife Booklet Trimmer-A1

Item	Specifications
Margin Trimming Method	Upper knife, reciprocating top-bottom
Maximum Number of Sheets[*1*2]	50 sheets (20 lb bond (80 g/m^2)) 48 sheets (20 lb bond (80 g/m^2)) + 2 sheets (110 lb cover (300 g/m^2))
Acceptable Paper Sizes[*3]	13" x 19.2", 12" x 18", 11" x 17", LGL, LTRR
Acceptable Paper Weights	16 lb bond to 120 lb cover (60 to 325 g/m^2)
Trimming Width	Top-bottom: 0.08" to 0.59" (2 mm to 15 mm) Minimum width of booklet in top and bottom directions: 7.48" (190 mm)
Trim Box Capacity	1,500 sheets of trimmed strips (width 0.59" (15 mm), LTR paper (20 lb bond (80 g/m^2))
Conveyor Capacity[*4]	Conveyor belt - 30 booklets (or 40 sheets of an LTR booklet (20 lb bond (80 g/m^2)))
Power Source	120 to 127 V AC, 50/60 Hz, 4 A
Maximum Power Consumption	440 W
Dimensions (H x W x D)/ Weight	41" x 21.1" x 30.4" (1,040 mm x 536 mm x 770 mm) (without conveyor and delivery trays) Approximately 319 lb (145 kg) (without conveyor and delivery trays)

*1 If the cover sheet is thinner than the other sheets in the booklet, the cover sheet may be scratched. It is recommended to use a thicker sheet for the cover sheet.
*2 The maximum number of sheets that can be trimmed may differ, depending on the main machine.
*3 The possible trim size may change, depending on the main machine.
*4 The Two-Knife Booklet Trimmer-A1 does not come with a conveyor tray. It can only be used with the optional Booklet Trimmer-D1's conveyor tray. Therefore, the conveyor capacity is the same as the booklet trimmer's conveyor tray.

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

Item	Specifications
Input Accessory	Booklet Trimmer-D1 is required.
Pass Through Width (No Trimming)	Approximately 8.27" (210 mm) to 12.60" (320 mm)
Booklet Trimming	Input Width[*1]: Approximately 8.27" (210 mm) to 12.60" (320 mm) Output Width: Approximately 7.87" (200 mm) to 12.60" (320 mm) Input/Output Length: Approximately 4.71" (120 mm) to 9.60" (244 mm)
Acceptable Paper Weights	16 lb bond to 110 lb cover (60 to 300 g/m^2)
Trimming Width	Each Side: 0.08" to 1.38" (2 mm to 35 mm) Together: 0.16" to 2.76" (4 mm to 70 mm)
Asymmetrical Trim (Offset Capability)	Approximately ±0.59" (15 mm)
Minimal Booklet Staple Clearance (from Top to Bottom)	Approximately 1.57" (40 mm)
Booklet Sheet Capacity	Up to 25 sheets (20 lb bond (80 g/m^2))
Maximum Productivity	Up to 800 booklets/hour (up to 100 pages (20 lb bond (80 g/m^2))
Power Source	120 V AC, 60 Hz, 15 A
Maximum Power Consumption	Approximately 740 W
Dimensions (H x W x D)	51" x 62.3" x 51.1" (1,295 mm x 1,582 mm x 1,298 mm) (with the conveyor tray fully extended)
Weight	Approximately 573 lb (260 kg)

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

7. System Options

The functionality of the imagePRESS C6010VP can be expanded by installing system related optional accessories. This section describes the system related optional accessories and their functions.

7.1 Color UFR II/PCL/PS Printer Kit-T2

The Color UFR II/PCL/PS Printer Kit-T2 supports three, page description languages. PCL5c/6 and PostScript 3 emulation are common PDLs used for printing typical office documents. The third PDL is Canon's proprietary UFR II (Ultra Fast Rendering II) technology. UFR II uses both the CPU in the imagePRESS C6010VP controller and the user's PC for processing print data, which balances the load, and maximizes the print speed.

✎ NOTE
UFR II print drivers are only available for Windows 2000/XP, Server 2003, and Macintosh OS X environments.

7.2 imagePRESS Server A2300

The imagePRESS Server A2300 is a higher-performance controller for the imagePRESS C6010VP digital press. The Canon imagePRESS Server A2300 is suited for corporate in-plants, print for pay, and commercial printers that need more color control, image quality, versatility, and reliability. It comes loaded with standard features, such as the Graphic Arts Package, SeeQuence Suite, APPE (Adobe PDF Print Engine), and Imaging Enhance, and is configurable with options, such as the Removable HDD Kit-B3 and Graphic Arts Package Premium Edition. For more information on these standard and optional software packages, please see the documentation that comes with the imagePRESS Server A2300.

The table below represents the hardware specifications for the imagePRESS Server A2300 print controller.

Item	Specifications
CPU	Single Intel Core i7 860 2.8 GHz (up to 3.46 GHz with Turbo Boost) 12 MB Cache
Memory	DDR3 1333 MHz, 3 GB (1 GB x 3)
HDD	3.5 inch, SATA 500 GB
Optical Disk Drive	DVD/CD-RW Drive
System Software	System 10
Supported Communication Protocols	AppleTalk, TCP/IP (Auto Protocol Switching)
OS	Windows 7 Professional FES (64-bit)

7.3 imagePRESS Server A3300

The imagePRESS Server A3300 is built for maximum color control, image quality, variable data printing, and optimum workflow versatility for professionals. It is also ideal for graphic-intensive environments that require production and business (Print MIS) workflow integration via JDF (Job Definition Format). The imagePRESS Server A3300 comes fully loaded with standard features, such as the Graphic Arts Package Premium Edition, SeeQuence Suite, APPE, and Imaging Enhance. It is also configurable with the optional Removable HDD Kit-B2. For more information on the standard and optional features that can be configured with the imagePRESS Server A3300, please see the documentation that comes with the imagePRESS Server A3300.

The table below represents the hardware specifications for the imagePRESS Server A3300 print controller.

Item	Specifications
CPU	Hex Core Intel Xeon X5660 2.8 GHz, 6.40 GT/s (Gigatransfers per second) QPI (QuickPath Interconnect) x 2
Memory	DDR3, 1333 MHz, 4 GB (1 GB x 4)
HDD	3.5 inch, SATA 250 GB x 1, 500 GB x 2
Optical Disk Drive	DVD/CD-RW Drive
System Software	System 10
Supported Communication Protocols	AppleTalk, TCP/IP (Auto Protocol Switching)
OS	Windows 7 Professional FES (64-bit)

7.4 imagePRESS CR Server A7000 V2

The imagePRESS CR Server A7000 V2 enables printing from Windows and Macintosh operating systems, and uses RIP (Raster Image Processor) technology. The imagePRESS CR Server A7000 V2 converts image files in PDL (Page Description Language) formats, such as Adobe PostScript, PDF, and variable data printing formats, to a suitable, ready-to-print format for direct high-quality digital printing. The imagePRESS CR Server A7000 V2 also streamlines the printing process by enabling users to print with preset workflows.

The imagePRESS CR Server A7000 V2 comes standard-equipped with a monitor, keyboard, mouse, and utilities, such as the Professional Power Pack and X-Rite Eye-One. The Process Power Pack is available as an option.

The table below represents the hardware specifications for the imagePRESS CR Server A7000 V2 print controller.

Item	Specifications
CPU	Intel Core 2 Quad 2.66 GHz 1,333 MHz DDR3
Memory	5 GB
HDD	User Disk: 250 GB x 1 Printer (Image) Disk: 250 GB x 3
Creo Dedicated Hardware	FusionCS2
Peripherals	• Keyboard, Mouse, Mouse Pad • 19" LCD Monitor • Color Measurement Device: X-Rite Eye-One • Stand (Optional)
Interface Ports	• 3 x USB Rear Ports • 1 USB Front Port • 2 x USB on Board • 1 Serial Port
Ethernet Ports	2 Ethernet Ports
Print Drivers	• Windows 2000/XP/Vista/Windows 7/Server 2008 • Macintosh OS X 10.4 or later

7.5   imagePRESS CR Server A7500

The imagePRESS CR Server A7500 enables printing from Windows and Macintosh operating systems, and uses RIP (Raster Image Processor) technology. The imagePRESS CR Server A7500 converts image files in PDL (Page Description Language) formats, such as Adobe PostScript, PDF, and variable data printing formats, to a suitable, ready-to-print format for direct high-quality digital printing. The imagePRESS CR Server A7500 also streamlines the printing process by enabling users to print with preset workflows.

The imagePRESS CR Server A7500 comes standard-equipped with a monitor, keyboard, mouse, and utilities, such as the Professional Power Pack, Process Power Pack, and X-Rite Eye-One.

The table below represents the hardware specifications for the imagePRESS CR Server A7500 print controller.

Item	Specifications
CPU	i7 Intel Quad Core 2.8 GHz (Up to 3.46 GHz with Turbo Boost) 1,333 MHz DDR3
Memory	5 GB
HDD	User Disk: 500 GB x 1 Printer (Image) Disk: 500 GB x 3
Creo Dedicated Hardware	FusionCS2
Peripherals	• Keyboard, Mouse, Mouse Pad • 19" LCD Monitor • Color Measurement Device: X-Rite Eye-One • Stand (Optional)
Interface Ports	• 3 x USB Rear Ports • 1 USB Front Port • 2 x USB on Board • 1 Serial Port
Ethernet Ports	2 Ethernet Ports
Print Drivers	• Windows 2000/XP/Vista/Windows 7/Server 2008 • Macintosh OS X 10.4 or later

7.6 Color Universal Send Kit-G1

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

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

7.7 Universal Send PDF Security Feature Set-A1

The Universal Send PDF Security Feature Set-A1 enables the user to encrypt PDF files and set a password to send the files safely to a file server or e-mail address. It also enables the recipient of the PDF file to verify which device scanned it.

7.8 Universal Send PDF Advanced Feature Set-A1

The Universal Send PDF Advanced Feature Set-A1 enables the user to make Compact PDF, Trace & Smooth, and Searchable PDF files.

7.9 Digital User Signature PDF Kit-A1

The Digital User Signature PDF Kit-A1 enables the user to add a digital user signature obtained from a certificate authority to a PDF file. This enables the recipient of a PDF file to verify which user signed it.

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

7.10 Secure Watermark-A1

The Secure Watermark-A1 option enables the user to embed hidden text in the background of copies. The embedded text only appears when the machine prints the copies.

7.11 HDD Data Encryption Kit-B9

The HDD Data Encryption Kit-B9 is a tool that enables the user to encrypt all of the data stored on the hard disk of the machine. This prevents encrypted hard disk data that is extracted from the machine from being read.

7.12 Data Erase Kit-C1

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

7.13 Web Access Software-E1

The Web Access Software-E1 enables the user to view Web pages from the touch panel display of the machine. If PDF files are registered on the Web page, the user can print them without using a computer. Moreover, if a Web page or special content is created, and then registered as a PDF file, the Web page or special content can be shared with other users.

✎ NOTE
   To print Web pages and PDF files using the Web Access Software-E1, the optional Color UFR II/PCL/PS Printer Kit-T2 must be activated.

7.14 Encrypted Secure Print Software-C1

The Encrypted Secure Print Software-C1 enables the user to encrypt print data sent from a computer using the Secured Print function and decrypt it at the machine. This strengthens the security of print data by preventing the content of printed documents from being seen by other users, and preventing the unauthorized use of confidential information.

✎ NOTE
   To use the Encrypted Secure Print Software-C1, the optional Color UFRII/PCL/PS Printer Kit-T2 must be installed.

7.15 Remote Operator's Software Kit-B1

The Remote Operator's Software Kit-B1 enables the control panel screens to be emulated on a networked computer so users (with a physical impairment, for example) can specify settings, and access the control panel remotely.

7.16 Access Management System Kit-B1

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

7.17 Removable HDD Kit

The Removable HDD Kit enables the hard disk of the machine to be removed while the machine's power is turned OFF. This kit provides a layer of data security for government agencies and corporate enterprises who need to ensure that the data stored on the hard disk is physically secured when the machine is no longer in use. The kit includes a carrying case and a key to enable easy removal and storage.

7.18 Other imagePRESS C6010VP Main Unit Accessory Options

- Braille Label Kit-E1
- Voice Guidance Kit-B1
- Barcode Printing Kit-D1
- Key Switch Unit-A2
- ADF Access Handle-A1
- System Accessory Attachment Kit-A1

7.19 Notes on the Hard Disk

The imagePRESS C6010VP has two hard disks to realize high-speed data transfer by striping – a set of data is divided and written onto both hard disks simultaneously.

When turning the machine OFF, make sure to use the Control Panel Power Switch on the operating console. For detailed instructions on shutting the machine down properly, see Chapter 1, "Before You Start Using This Machine," in the *Reference Guide*. Turning the machine OFF via the power switch may negatively impact the performance and life of the drive.

If one of the two hard drives is damaged, it is necessary to replace both drives because the imagePRESS C6010VP system software is spanned over both drives.

8. Installation Review

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

8.1 Installation Time

The time required to install the imagePRESS C6010VP depends on the options and accessories to be installed, and the number of technicians performing the installation. Customers should discuss the time requirements with their servicing dealer and schedule the installation accordingly.

🖐 IMPORTANT

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

The table below indicates the estimated length of time needed to install the main unit and optional accessories starting from the time the machine is packed to when it is installed, and calculated from the average amount of manpower hours. The estimated installation times are based on a minimum of two (2) experienced technicians.

Description	Estimated Time
imagePRESS C6010VP – Main Unit	120 minutes
POD Deck-A1	40 minutes
Secondary POD Deck-A1	50 minutes
Paper Deck-AC1	15 minutes
High Capacity Stacker-C1	30 minutes
High Capacity Stacker-F1	60 minutes
Finisher-AJ1/Saddle Finisher-AJ2	30 minutes
Professional Puncher-B1 + Professional Puncher Integration Unit-A1	40 minutes
Booklet Trimmer-D1	45 minutes
Color Image Reader-H1	30 minutes
DADF-R1	20 minutes
Document Insertion Unit-C1	25 minutes
Perfect Binder-B1	60 minutes
Stack Bypass-A1	15 minutes
Puncher Unit-BB1	25 minutes
Two-Knife Booklet Trimmer-A1	15 minutes
SDD Square Fold Booklet-Maker + Two-Knife Trimmer	120 minutes

8.2 Customer Responsibilities

Item	Comment
Identify location for equipment.	Area meets space and service space requirements.
Verify strength of floor and level.	Certified by structural engineers.
Ensure that the equipment can be delivered to the site.	Path is clear and unobstructed.
Confirm proper electrical outlets and power are available.	Dedicated power, and enough outlets for equipment (including accessories).
Area meets environmental specifications.	Temperature and humidity are within specifications, venting provided if necessary.
Network connections available.	If desired.

9. Customer Productivity Program

The CPP (Customer Productivity Program) enables owners of the imagePRESS C6010VP the ability to perform proactive maintenance and self-service on their machine.

The Operator Maintenance mode displays details on user-friendly screens. These screens use animation to show the operator how to change machine parts. To see the animated Operator Maintenance mode screens, the optional imagePRESS Server A3300 or A2300 (with the optional Integrated Interface & Stand-A1) must be attached. The operator can still use the Operator Maintenance mode on the digital press without having the optional imagePRESS Server A3300 or A2300; however, the screens will show images that will not be animated.

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

10. Consumables

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

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

Item	Condition
Operating Temperature	68°F to 80.6°F (20°C to 27°C)
Operating Humidity	30% to 70%
Optimal Performance Range Per Month	50,000 to 250,000[1]
Image Ratio	48% total: 12% each color

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

10.1 Consumable Parts

Consumable parts are defined as those parts having a limited life that will be reached during a customer's specific machine operation, and then should be replaced as needed. Examples of consumable parts include, but are not limited to feed rollers, cleaning blades, fixing assembly components, etc.

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

10.1.1 Estimated Life of Consumables

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

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

Item	Part Number	Quantity	Estimated Life[1] (Copies/Prints)	Remarks
IPQ-2 Black Toner	0436B003AA	1	35,500	10% image ratio[2][3]
IPQ-2 Cyan Toner	0437B003AA	1	35,500	
IPQ-2 Magenta Toner	0438B003AA	1	35,500	
IPQ-2 Yellow Toner	0439B003AA	1	35,500	
imagePRESS C6010VP Black Starter (Developer)	0440B001AA	1	750,000	
imagePRESS C6010VP Cyan Starter (Developer)	0441B001AA	1	750,000	
imagePRESS C6010VP Magenta Starter (Developer)	0442B001AA	1	250,000	
imagePRESS C6010VP Yellow Starter (Developer)	0443B001AA	1	750,000	

*1 Estimated life is based on LTR paper.
*2 At an 8.75% image ratio, the toner cartridges will yield approximately 40,000 sheets.
*3 The actual consumption of toner varies, depending on saturation, coverage of original, paper type, and job mode.

11. Toner Container and Hopper Unit Yields

A toner container holds approximately 1,700 grams of toner, and will yield approximately 35,500 impressions at 10% coverage per color totaling 40%.

The hopper unit holds approximately 2,000 grams, and will yield approximately 40,000 impressions.

12. Waste Toner Yields

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

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

The waste toner bottle may be replaced while the machine is running since collected waste toner can be accumulated temporarily in the waste toner buffer (up to approximately 10,000 sheets of LTR paper). When the waste toner buffer becomes full, the imagePRESS C6010VP stops.

The dealer should empty the full waste toner bottle and dispose of the toner waste only in a manner that is applicable to the law in the geographical area where the machine is located. The emptied bottle should then be returned to the customer prior to the next waste toner is full alert.

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

13. Estimated Performance Standards

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

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

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

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

Item	Estimated Life
Reader Unit (Optional)	Approximately 1,000,000 sheets (LTR)
Printer[1]	Approximately 18,000,000 sheets (LTR)[2]
Stack Bypass-A1 (Optional)	Approximately 1,000,000 sheets (LTR)

*1 A high-durability parts change is required at approximately 9,000,000 sheets.
*2 The machine will continue operating after approximately 18 million sheets; however, performance, copy quality, maintenance costs, etc. cannot be guaranteed.

13.1 Machine Reliability and Service Call Ratio

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

Usage Factors	**Monthly Print Volume**		120,000	80,000	50,000
	Print Volume Over a 5 Year Maintenance Agreement		7,200,000	4,800,000	3,000,000
	Color Ratio		90%		
	Large/Heavy Paper Ratio	**CMP[1]**	80%		
		CRD[2]	50%		
	Toner Coverage for Each Color		12%		
	Configuration (Main Unit and Accessories)		• Main Unit • 1-POD Deck • Saddle Finisher • imagePRESS Server		
Labor	**Work Time[3]**		170 Minutes		
	Travel Time[4]		30 Minutes		
Service	**Average CBV[5]**	**CMP[1]**	22,600	19,500	16,300
		CRD[2]	29,780	23,800	18,300
	Visit Ratio[6]	**CMP[1]**	5.3	4.1	3.1
		CRD[2]	4.0	3.4	2.7

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

14. Optimum Monthly Product Performance

The table below describes the differences between the optimum PCV (Print Copy Volume) and maximum PCV. Please note that the numbers in the table are for reference purposes only, and depend strongly on the type of media selected and environmental conditions. For information on the optimal environmental conditions for the machine, see "Environmental Factors and Requirements," on p. 21.

Monthly PCV Type	Description	Number of LTR Prints/Copies
Optimum PCV	This is the print/copy volume range that the equipment was intended to run on a regular basis to maintain a high level of performance and print/copy quality. Running the equipment within this range ensures that no undue stress is placed on components, and it allows time for the proper servicing and maintenance of the equipment.	50,000 to 250,000
Maximum PCV	This is the maximum number of pages the machine can produce within a one-month period. However, sustained use of the machine at this print/copy level will impact the long term performance and durability of the machine. It is recommended to stay within the optimum print/copy volume to reduce a possible increase in servicing and maintenance issues.	900,000

⏺ IMPORTANT

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

15. Machine Productivity

This chapter describes the productivity of the imagePRESS C6010VP.

15.1 Print Speed

One of the key features of the imagePRESS C6010VP is its print speed technology. The imagePRESS C6010VP maintains print speed regardless of paper weight. A letter-sized sheet of bond paper weighing 16 lb (60 g/m^2) will print at 60 ppm. Also, the same sized sheet at 120 lb cover (325 g/m^2) will print at 60 ppm.

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

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

Paper Size	Paper Weight (g/m^2)	1-Sided (ppm)			2-Sided (ppm)		
		Main Unit w/POD Deck	Side Paper Deck	Stack Bypass	Main Unit w/POD Deck	Side Paper Deck	Stack Bypass
STMTR	60 – 105	N/A	N/A	41.1	N/A	N/A	N/A
	106 – 170	N/A	N/A	41.1	N/A	N/A	N/A
	171 – 325	N/A	N/A	41.1	N/A	N/A	N/A
EXEC	60 – 105	71.6	71.6	41.1	71.6	71.6	33.2
	106 – 170	71.6	71.6	41.1	71.6	71.6	33.2
	171 – 325	61.1	61.1	41.1	61.1	61.1	33.2
LTR	60 – 105	60.0	60.0	41.1	60.0	60.0	33.2
	106 – 170	60.0	60.0	41.1	60.0	60.0	33.2
	171 – 325	60.0	60.0	41.1	60.0	60.0	33.2
EXECR	60 – 105	55.8	N/A	N/A	45.0	N/A	N/A
	106 – 170	44.4	N/A	N/A	44.4	N/A	N/A
	171 – 325	33.4	N/A	N/A	33.4	N/A	N/A
LTRR	60 – 105	53.2	53.2	31.7	45.0	45.0	25.7
	106 – 170	42.4	42.4	31.7	42.4	42.4	25.7
	171 – 325	31.9	31.9	31.7	31.9	31.9	25.7
LGL	60 – 105	41.8	41.8	24.9	41.8	41.8	20.2
	106 – 170	33.3	33.3	24.9	33.3	33.3	20.2
	171 – 325	25.1	25.1	24.9	25.1	25.1	20.2
11" x 17"	60 – 105	32.2	32.2	20.5	32.2	32.2	16.6
	106 – 170	32.2	32.2	20.5	32.2	32.2	16.6
	171 – 180	32.2	32.2	20.5	32.2	32.2	16.6
	181 – 209	32.2	32.2	20.5	32.2	32.2	16.6
	210 – 256	30.0	30.0	20.5	30.0	30.0	16.6
	256 – 325	30.0	30.0	20.5	30.0	30.0	16.6
12" x 18"	60 – 105	30.6	30.6	19.4	30.6	30.6	15.7
	106 – 170	30.6	30.6	19.4	30.6	30.6	15.7
	171 – 180	30.6	30.6	19.4	30.6	30.6	15.7
	181 – 209	30.6	30.6	19.4	30.6	30.6	15.7
	210 – 256	28.3	28.3	19.4	28.3	28.3	15.7
	256 – 325	28.3	28.3	19.4	28.3	28.3	15.7

Print Speed Table Continued

Paper Size	Paper Weight (g/m^2)	1-Sided (ppm)			2-Sided (ppm)		
		Main Unit w/POD Deck	Side Paper Deck	Stack Bypass	Main Unit w/POD Deck	Side Paper Deck	Stack Bypass
13" x 19"	60 – 105	28.8	28.8	18.3	28.8	28.8	14.9
	106 – 170	28.8	28.8	18.3	28.8	28.8	14.9
	171 – 180	28.8	28.8	18.3	28.8	28.8	14.9
	181 – 209	28.8	28.8	18.3	28.8	28.8	14.9
	210 – 256	26.8	26.8	18.3	26.8	26.8	14.9
	256 – 325	26.8	26.8	18.3	26.8	26.8	14.9
13" x 19.2"	60 – 105	28.5	28.5	18.2	28.5	28.5	14.7
	106 – 170	28.5	28.5	18.2	28.5	28.5	14.7
	171 – 180	28.5	28.5	18.2	28.5	28.5	14.7
	181 – 209	28.5	28.5	18.2	28.5	28.5	14.7
	210 – 256	26.6	26.6	18.2	26.6	26.6	14.7
	256 – 325	26.6	26.6	18.2	26.6	26.6	14.7
LTR-Tab	60 – 105	57.3	N/A	39.2	N/A	N/A	N/A
	106 – 170	57.3	N/A	39.2	N/A	N/A	N/A
	171 – 325	57.3	N/A	39.2	N/A	N/A	N/A

🤚IMPORTANT

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

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

15.2 Mixed Media Productivity

The imagePRESS C6010VP is capable of processing jobs that contain mixed media; however, the machine's productivity may be reduced if one or more of the following print conditions occur during a job run:

- Using paper with different paper weights
- Using single and double-sided printing
- Inserting tab paper
- Inserting paper from the Document Insertion Unit-C1
- Using different image magnifications for both sides of a sheet
- The amount of paper in the Paper Deck-AC1 falls below 100 sheets
- An image that is printing is very large
- Saddle-folding only one sheet
- Stapling heavy paper
- A large print job is running and the finisher switches from the tray that is full to another tray.

15.3 Two Hour Unattended Operation

The imagePRESS C6010VP was designed for true production environments. With its new productivity and reliability enhancements and technologies, the digital press can run up to two hours with no operator intervention. Before beginning an unattended run, the operator should check the following conditions:

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

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

15.4 Paper, Toner, and Waste Toner Replacement

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

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

Similar to the paper, the toner bottle may be removed and replaced while a job is printing. The imagePRESS C6010VP has a large toner hopper, making it possible for the digital press to run much longer with no bottle. The operator is not required to replace the bottle immediately after removing the old bottle. Therefore, productivity and image quality are not affected, and jobs finish in the same amount of time.

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

16. Media Usage/Compatibility

The imagePRESS C6010VP maintains reliable, predictable, and high-quality output. Consistency of the output is dependent on knowing and compensating for variables of a print job. The imagePRESS C6010VP incorporates many control systems which compensate for environmental and print process conditions. Another variable is the print media. Knowing the characteristics of the media guarantees optimal print output.

16.1 Media Characteristics by Media Library Parameters

The table below describes the standard media library parameters.

| Characteristics	Parameters
Name	Select the name of the paper.
Category	Select the category of the paper.
Basis Weight	Select the weight of the paper in g/m^2.
Type	Select the type of paper (e.g., Normal, Tab Paper, or Pre-punched Paper).
Finish	Select the finish of the paper (e.g., Uncoated or 1-Sided Coated).
Creep (Displacement) Correct.	Specify the correction adjustment.
Color	Specify the color of the paper.
Curl Correction Level[1]	Specify how to correct the amount of curl.
Image Location Adjustment[1]	Specify the settings below.
Lead Edge Alignment	Specify how to adjust the image alignment at the lead edge of the paper toward the feeding direction.
Left Edge Alignment	Specify how to adjust the image alignment at the left edge of the paper toward the feeding direction.
Zoom	Specify how to adjust the zoom ratio of an image.
Skew Correction	Specify how to adjust the angle of the paper as it is fed.
Right Angle Correction	Specify how to adjust the image shape by adjusting the left and right sides of the lead edge margin toward the feeding direction.
Back Lead Edge Align. Auto Corr	Specify how to adjust the image position on the back side to match the image position on the front side.
Skew Correction Level Adjust.	Specify how to adjust the registered position of the paper as it is fed.

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

The table below describes the media library parameters that must be enabled by a service technician.

Characteristics	Parameters
Gloss/Fine Black Adjustment	Specify how to adjust the glossiness and fine black print on a custom paper type.
Paper Separation Fan Level	Specify how to adjust the paper separation fan output from the Air Assist-equipped Paper Decks only.
Paper Fiber Direction Selection	Select the fiber direction of the paper (e.g., Vertical or Horizontal).
Secondary Transfer Voltage	Specify how to finely adjust the image density.
ITB Paper Detachment Adjust.	Specify how to adjust the adhesive force in the ITB.
ITB Image Clear Adjustment	Specify how to adjust the toner residue on the ITB that may transfer to the paper.
Saddle Stitch Position Adjust	Specify how to adjust the saddle stitch position of a booklet.
Saddle Stitch Fold Plac. Adj.	Specify how to adjust the position of the folds in a booklet, if the stitches appear in the center of a booklet, but the folds do not appear in the center.
Saddle Fold Placement Adjust.	Specify how to adjust the position of the folds in the center of the paper.
Hole Punch Position Adjust	Specify how to adjust the position of the punch holes.
Tail End White Patch Correct.	Specify how to adjust the amount of toner applied on the tail end of the paper.

16.2 Paper Handling and Storage

- The permissible humidity range for paper storage is 30% to 70% (with a room temperature of 68°F to 80.6°F (20°C to 27°C)). Storing paper in a location that does not meet these specifications may affect paper feeding and image quality.
- Only use paper that has fully acclimatized to the environment in which the machine is installed. Using paper that has been stored in a different environment (with a different temperature and humidity), may cause paper jams or result in poor print quality.
- We recommend using paper immediately after opening the package. Rewrap any remaining paper in its original package, and store it on a flat surface.
- Before loading paper, make sure to fan the sheets thoroughly so that air runs through the sheets, as shown in the diagrams below.
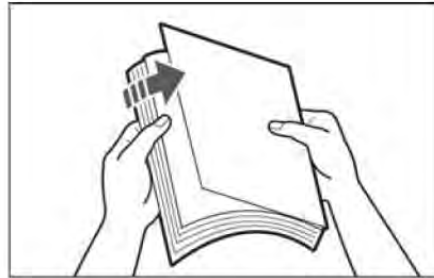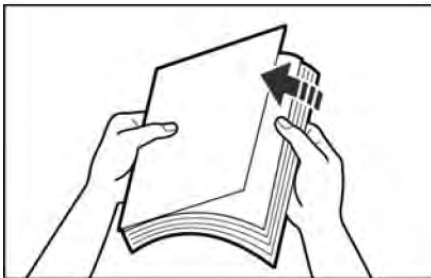
- When you cut paper, the cutting sides of the paper must be made smooth. Use an abrasive to make the four cutting sides smooth. Otherwise, streaks may appear on the image, paper feeding may be affected, part life may be reduced, or service calls may increase. Make sure to put the paper on a flat table to use the abrasive, and move the abrasive perpendicular to the paper approximately three times.
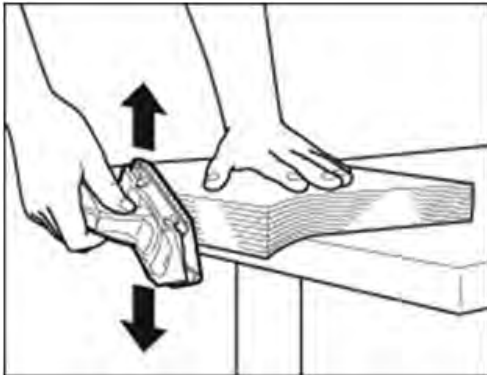
16.3 Selecting the Correct Media

Canon USA publishes an imagePRESS C6010VP Specialty Media Handling Guide which provides detailed information on approved media. Major topics in this document include:

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

To obtain the Specialty Media Handling Guide for the imagePRESS C6010VP, please contact a local authorized Canon dealer.

16.4 Paper Grain and Curl

Paper grain and curl can dramatically affect the reliability of machines utilizing an electrostatic process like the imagePRESS C6010VP. Paper used in an offset press is usually cut for short edge feeding. This type of paper is not as reliable as paper made for machines utilizing an electrostatic process, which is cut for long edge feeding. Also, the composition of electrostatic paper is different from offset paper, and produces better quality results in a digital press machine. When selecting paper for the imagePRESS C6010VP choose paper intended for use in electrostatic machines, such as laser printers and copiers.

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

Paper stiffness depends on the direction of the paper grain. Paper tends to curl in the direction parallel to the grain.
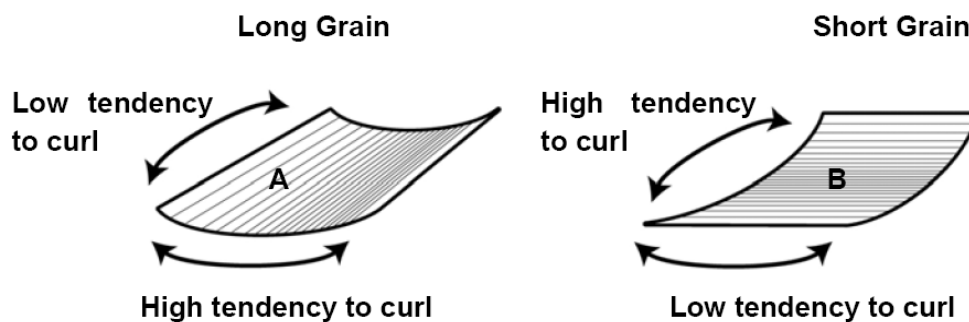
IMPORTANT
- When using LTR or smaller paper sizes we recommend using paper with a grain parallel to the long edge (A). For paper sizes larger than 11" x 17", we recommend using paper with a grain parallel to the short edge (B). When using coated paper thinner than 105 g/m^2, we recommend using paper with a grain perpendicular to the feeding direction of the paper.
- If 12 point, 243 g/m^2 paper is used in the Saddle Stitch mode, it is best to use paper that is cross-grained. Thick, long grain paper does not fold as easily. Cross-grained paper is more flexible, resulting in a smoother crease along the direction of the fold.

16.5 Note for Customers Who Cut Their Own Paper

Customers who cut their own paper may experience:

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

Follow the precautions below to minimize the above issues:

- Have a process in place to regularly make sure that the cutting blades are sharpened, and that cuts are made as clean as possible.
- Place the paper with the factory mill cut sides facing to the right (leading edge), and to the front of the machine when feeding paper from a location other than the stack bypass. If paper is fed from the stack bypass, place the paper with the factory mill cut sides facing to the left (leading edge), and to the front of the machine.
- Pay special attention to the paper grain orientation when cutting it. For more information on paper grain, see "16.4 Paper Grain and Curl," on p. 63.
- The best results for color consistency and front to back registration are obtained by using factory mill cut, digital compatible paper.

16.6 Media Feed Locations

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

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

The default paper types registered in the machine are shown in the table below.

✓: Available　　－: Unavailable

Paper Type (Paper Weight)	Paper Source				
	Paper Decks of the Main Unit: (60 to 325 g/m^2)	Stack Bypass-A1: (64 to 256 g/m^2)	POD Deck-A1/Secondary POD Deck-A1 (60 to 325 g/m^2)	Paper Deck-AC1: (64 to 300 g/m^2)	Document Insertion Unit-C1 (60 to 300 g/m^2)
Thin 1 (64 to 79 g/m^2)	✓	✓	✓	✓	✓
Thin 2 (60 to 63 g/m^2)	✓	－	✓	－	✓
Recycled 1 (64 to 79 g/m^2)[*1]	✓	✓	✓	✓	✓
Recycled 2 (80 to 105 g/m^2)[*1]	✓	✓	✓	✓	✓
Recycled 3 (210 to 256 g/m^2)[*1]	✓	✓	✓	✓	✓
Color (64 to 79 g/m^2)	✓	✓	✓	✓	✓
Plain (80 to 105 g/m^2)	✓	✓	✓	✓	✓
Heavy 1 (106 to 128 g/m^2)	✓	✓	✓	✓	✓
Heavy 2 (129 to 150 g/m^2)	✓	✓	✓	✓	✓
Heavy 3 (151 to 180 g/m^2)	✓	✓	✓	✓	✓
Heavy 4 (181 to 209 g/m^2)	✓	✓	✓	✓	✓
Heavy 5 (210 to 256 g/m^2)	✓	✓	✓	✓	✓
Heavy 6 (257 to 300 g/m^2)	✓	－	✓	✓	✓
Heavy 7 (301 to 325 g/m^2)	✓	－	✓	－	－
1-Sided Coated Thin (70 to 79 g/m^2)[*2]	✓	－	✓	－	－
1-Sided Coated 1 (80 to 105 g/m^2)[*2]	✓	✓	✓	✓	✓
1-Sided Coated 2 (106 to 128 g/m^2)[*2]	✓	✓	✓	✓	✓

*1 Use of 100% recycled paper is acceptable.
*2 If the stack bypass is being used, feed one sheet of paper at a time.

Default Paper Types Table Continued

✓ : Available　　　– : Unavailable

Paper Type (Paper Weight)	Paper Source				
	Paper Decks of the Main Unit: (60 to 325 g/m^2)	Stack Bypass-A1: (64 to 256 g/m^2)	POD Deck-A1/Secondary POD Deck-A1 (60 to 325 g/m^2)	Paper Deck-AC1: (64 to 300 g/m^2)	Document Insertion Unit-C1 (60 to 300 g/m^2)
1-Sided Coated 3 (129 to 150 g/m^2)^{*2}	✓	✓	✓	✓	✓
1-Sided Coated 4 (151 to 180 g/m^2)^{*2}	✓	✓	✓	✓	✓
1-Sided Coated 5 (181 to 209 g/m^2)^{*2}	✓	✓	✓	✓	✓
1-Sided Coated 6 (210 to 256 g/m^2)^{*2}	✓	✓	✓	✓	✓
1-Sided Coated 7 (257 to 300 g/m^2)^{*2}	✓	–	✓	✓	✓
1-Sided Coated 8 (301 to 325 g/m^2)^{*2}	✓	–	✓	–	–
2-Sided Coated Thin (70 to 79 g/m^2)^{*2}	✓	–	✓	–	–
2-Sided Coated 1 (80 to 105 g/m^2)^{*2}	✓	✓	✓	✓	✓
2-Sided Coated 2 (106 to 128 g/m^2)^{*2}	✓	✓	✓	✓	✓
2-Sided Coated 3 (129 to 150 g/m^2)^{*2}	✓	✓	✓	✓	✓
2-Sided Coated 4 (151 to 180 g/m^2)^{*2}	✓	✓	✓	✓	✓
2-Sided Coated 5 (181 to 209 g/m^2)^{*2}	✓	✓	✓	✓	✓
2-Sided Coated 6 (210 to 256 g/m^2)^{*2}	✓	✓	✓	✓	✓

*2 If the stack bypass is being used, feed one sheet of paper at a time.

Default Paper Types Table Continued

✓: Available   − : Unavailable

Paper Type (Paper Weight)	Paper Source				
	Paper Decks of the Main Unit: (60 to 325 g/m^2)	Stack Bypass-A1: (64 to 256 g/m^2)	POD Deck-A1/Secondary POD Deck-A1 (60 to 325 g/m^2)	Paper Deck-AC1: (64 to 300 g/m^2)	Document Insertion Unit-C1 (60 to 300 g/m^2)
2-Sided Coated 7 (257 to 300 g/m^2)[*2]	✓	−	✓	✓	✓
2-Sided Coated 8 (301 to 325 g/m^2)[*2]	✓	−	✓	−	−
Texture Paper 1 (80 to 105 g/m^2)[*2]	✓	✓	✓	✓	✓
Texture Paper 2 (106 to 128 g/m^2)[*2]	✓	✓	✓	✓	✓
Texture Paper 3 (129 to 150 g/m^2)[*2]	✓	✓	✓	✓	✓
Texture Paper 4 (151 to 180 g/m^2)[*2]	✓	✓	✓	✓	✓
Texture Paper 5 (181 to 209 g/m^2)[*2]	✓	✓	✓	✓	✓
Texture Paper 6 (210 to 256 g/m^2)[*2]	✓	✓	✓	✓	✓
Texture Paper 7 (257 to 300 g/m^2)[*2]	✓	−	✓	✓	✓
Vellum 1 (80 to 105 g/m^2)	✓	✓	✓	✓	−
Vellum 2 (106 to 128 g/m^2)	✓	✓	✓	✓	−
Transparency[*3]	✓	✓	✓	✓	−
Labels (151 to 180 g/m^2)	✓	✓	✓	✓	−
Bond Paper (80 to 105 g/m^2)	✓	✓	✓	✓	✓
Tab Paper 1 (151 to 180 g/m^2)	✓[*4]	✓	✓[*4]	−	−
Tab Paper 2 (181 to 209 g/m^2)	✓[*4]	✓	✓[*4]	−	−
Pre-punched 1 (64 to 79 g/m^2)	✓	✓	✓	✓	−
Pre-punched 2 (80 to 105 g/m^2)	✓	✓	✓	✓	−

*2 If the stack bypass is being used, feed one sheet of paper at a time.

*3 Use only LTR transparencies made especially for machines which use the electrostatic process to transfer images.

*4 Use the optional Tab Feeding Attachment-C1 when loading tab paper.

16.7 Paper Sizes and Feed Location Chart

The table below represents the available paper sizes and feed locations. The Stack Bypass-A1, POD Decks, and Paper Deck-AC1 are optional.

✓: Available　　　−: Unavailable

Paper Size	Width x Length	Paper Source					
		Paper Decks of the Main Unit	Stack Bypass-A1	POD Deck-A1/Secondary POD Deck-A1	Paper Deck-AC1	Document Insertion Unit-C1 Upper Tray	Document Insertion Unit-C1 Lower Tray
13" x 19"	13" x 19"	✓	✓	✓	✓	−	✓
12" x 18"	12" x 18"	✓	✓	✓	✓	−	✓
11" x 17"	11" x 17"	✓	✓	✓	✓	−	✓
LGL	8 1/2" x 14"	✓	✓	✓	✓	−	✓
LTR	8 1/2" x 11"	✓	✓	✓	✓	✓	✓
LTRR	11" x 8 1/2"	✓	✓	✓	✓	✓	✓
STMTR	5 1/2" x 8 1/2"	−	✓	−	−	−	−
EXEC	7 1/4" x 10 1/2"	✓	✓	✓	−	✓	✓
Irregular Size 1	12" x 7 1/8" to 13" x 19 13/64" (304.9 mm x 182 mm to 330.2 mm x 487.7 mm)	✓	✓	✓	−	−	✓
Irregular Size 2	7 1/8" x 7 1/8" to 12" x 19 13/64" (182 mm x 182 mm to 304.8 mm x 487.7 mm)	✓	✓	✓	−	✓[*1]	✓
Irregular Size 3	5 31/64" x 7 1/8" to 7 11/64" to 19 13/64" (139.7 mm x 182 mm to 181.9 mm to 487.7 mm)	−	✓	−	−	−	−

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

17. Customer-Defined Image Quality Adjustments and Recommendations

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

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

- Tighter control of the temperature and humidity will result in tighter color consistency in the device.
- The device must be properly maintained, which includes performing preventative maintenance as scheduled.
- The customer should maintain proper color calibration on the device by performing a Shading Correction, Auto Gradation Adjustment, and imagePRESS Server Calibration once a day. For optimal quality, the customer should also perform an Auto Gradation Adjustment whenever a change in print quality is noticed and when dither pattern adjustments are made. Use only 28 lb (105 g/m^2) Hammermill Laser 11" x 17" paper when performing an Auto Gradation Adjustment.
- Some customers may want to incorporate a Color Management workflow that consists of not only the above, but also utilizes the Color and Imaging features included with the imagePRESS Servers or comparable third-party software.

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

17.1 Device Management Settings

The Device Management Settings mode is for customers who want to make fine adjustments to the printed image. There is a special menu that must be enabled by a service technician to access the Device Management Settings modes. For more information on specifying the Device Management Settings modes, see Chapter 6, "System Manager Settings," in the *Reference Guide* included with the machine.

The following items can be adjusted through the Device Management Settings menu:

- Auto Gradation Adjustment[1]
- Shading Correction[1]
- Dither Pattern Settings[1]
- Color Balance[2]
- Exposure Recalibration when Scanning[2]
- Density Adjustment Mode[2]
- Switch Density Variation Adjustment Mode[2]
- Right Angle Correction[1]
- Skew Correction[1]
- Refresh the Fixing Roller[1]

- Fixing Roller Auto Refresh Level[1]
- Color Cast Correction[2]
- Tail End Color Fading/Graininess Correction[2]
- White Gap Correction[2]
- Fixing Temperature Adjustment Mode Switch[1]
- Low Temperature Environment Mode[2]
- Uneven Gloss Correction[1]
- Adjust Perfect Binding Glue Application[1][3]
- Drum Temperature Adjustment[2]

[1] These settings are standard, and are available without being enabled by a service technician.
[2] These settings must be enabled by a service technician.
[3] This setting is only available when the Perfect Binder-B1 is attached.

✋IMPORTANT
   A decrease in productivity may occur if a job contains different paper thicknesses or types. Productivity may be improved by setting the Fixing Temperature Mode Switch mode to 'Productivity Priority'.

17.2 Paper Type Management Settings

The Paper Type Management Settings mode is for customers who want to precisely adjust the image quality and front-to-back registration per paper type that is registered in the machine. There is a special menu that must be activated by a service technician to access the Paper Type Management Settings modes. For more information on specifying the Paper Type Management Settings modes, see Chapter 6, "System Manager Settings," in the *Reference Guide* included with the machine.

The following items can be adjusted through the Paper Type Management Settings menu:

- Basis Weight[*1]
- Type[*1]
- Finish[*1]
- Creep (Displacement) Correct.[*1]
- Color[*1]
- Curl Correction Level[*2]
- Image Location Adjustment[*2]
- Gloss/Fine Black Adjustment[*3]
- Paper Separation Fan Level[*3]

- Paper Fiber Direction Selection[*3]
- Secondary Transfer Voltage[*3]
- ITB Paper Detachment Adjust.[*3]
- ITB Image Clear Adjustment[*3]
- Saddle Stitch Position Adjust[*3]
- Saddle Stitch Fold Plac. Adj.[*3]
- Saddle Fold Placement Adjust.[*3]
- Hole Punch Position Adjust[*3]
- Tail End White Patch Correct.[*3]

*1 These settings are standard, and are available without being enabled by a service technician.
*2 These settings are available when custom paper is registered, and do not have to be enabled by a service technician.
*3 These settings must be enabled by a service technician.

18. Responsibility Matrix

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

Action	Responsibility	
	Customer	Dealer
Ensure adequate space and power to properly install machine.		
Verify floor strength and level.		
Ensure that the equipment can be delivered to the site, and that the path is clear and unobstructed.		
Unpack all delivered items.		
Install all system hardware.		
Connect all system components.		
Install printer files and server.		
Ensure network configuration, and confirm that the device is attached to the network.		
Install client workstation network software.		
Load additional fonts (as required).		
Order and replace, as necessary, customer replaceable items (i.e., drum cartridges, toner, etc.).		
Order and replace the waste toner container, as necessary.		
Provide technical support.		
Provide on-site support.		
Establish an installation file of a typical job, and retain for future reference.		
Perform Shading Correction once a day.[1]		
Perform Auto Gradation Adjustment once a day.[1]		
Perform imagePRESS Server Calibration for color consistency once a day.[1]		

[1] For more information, see Chapter 6, "System Manager Settings," in the *Reference Guide* included with the machine.

Primary customer applications for using this equipment:

_____
_____
_____

Special considerations or performance limitations:

_____
_____
_____

I have received a copy of this document.

_____

Customer: _____

Sales Person: _____