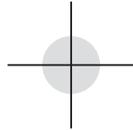# Canon

imagePRESS C6000

imagePRESS C6000

AN UNBEATABLE COMBINATION OF SPEED, PERFORMANCE, QUALITY, AND VALUE

Enter a world of new opportunities

DELIVER THE IMAGE QUALITY AND VERSATILITY YOUR CUSTOMERS EXPECT

Canon has earned accolades for its innovations in color imaging in industries as diverse as medical imaging, broadcasting, and professional photography. And given the tremendous success of the imagePRESS C7000VP digital press in the production marketplace, its clear that its image quality, productivity, and versatility met the demands of this marketplace as well. Building upon this success, the imagePRESS C6000 digital press was created to make digital printing more accessible for small- to mid-size print shops. Make an investment that's easy to justify and help you grow your digital print business.

Canon's heritage of engineering excellence continues with the addition of the imagePRESS C6000 digital press to our line of digital presses for the production printing marketplace. At a maximum print speed of 60 pages per minute, the imagePRESS C6000 digital press reflects our commitment to enabling businesses of all sizes to capitalize on our years of intensive R&D in digital color imaging and document reproduction.

The imagePRESS C6000 digital press produces output that rivals offset quality, maintains superior color consis-
tency, and empowers you to fulfill a wide range of jobs, including saddle-stitched booklets, hard-copy reproductions, direct mail pieces, and marketing collateral.

The imagePRESS C6000 digital press is ideal for:

- **Current Canon CLC Users** who wish to upgrade to a full-featured digital press.

- **Central Reprographic Departments (CRDs) and In-Plants** that need to control color printing costs, quality, and turnaround times.

- **Small- to Mid-Size Print Service Providers** that want to add short-run document production to their existing digital output services.

Combined with the job-management, color control, and production capabilities of the imagePRESS Server A1100 or Canon Color UFR II/PCL/PS Printer Kit, the imagePRESS C6000 digital press delivers the best combination of speed, performance, quality, and value in the market!

Profit from workflow efficiency and innovation

Maximizing profitability in digital printing requires methods for effortlessly moving incoming jobs through prepress, production, and finishing. To help you streamline and make your business more efficient, Canon has created the imagePRESS Workflow Solutions Program. A collection of solutions from Canon and third-party partners, this program focuses on key processes in production environments.

The imagePRESS Workflow Solutions Program is ideal for a wide range of production environments. For those looking to expand or enhance their capabilities, value-added solutions such as variable data printing and Web-to-print will help you reach your ultimate goal — to build a successful and profitable digital print business.

This program is being brought to the market to deliver, connect, and simplify your workflow.

Deliver - Canon will deliver a complete solution and fill in the missing pieces to existing workflows.

Connect - Many environments have already made large investments in their workflow and they need Canon to connect into their existing workflow.
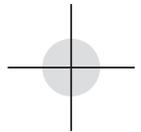
Simplify - The final goal is to offer a solution that builds efficiency within the workflow and simplify your production processes.

Canon offers complete solutions that integrate with industry standards, such as JDF and PPML, and supports ongoing developments in digital workflows. In addition, Canon will continue to introduce ingenious solutions for color management, finishing, customized communications, and business development.

Customized Communications

Workflow Integration

imagePRESS Technology

imagePRESS Workflow Solutions

Color Management

Business Development

Finishing

IMAGE QUALITY

The imagePRESS C6000 digital press delivers revolutionary technology to the high-end, high-quality digital color printing market.

SUPERB IMAGE REPRODUCTION

Color images intensify the communication power of printed documents — but only if they are accurately reproduced. The Canon brand is synonymous with image quality because of our extensive R&D investment in photography, color science, and imaging.

With a true 1200 x 1200 dpi resolution and 256 levels of grayscale, the imagePRESS C6000 digital press not only produces clean, sharp text, but also highly detailed images with vivid hues, a wide tonal range, and clean, smooth gradients. Skin tones look lifelike, memory colors are accurate, and image details are sharp and clear.

The imagePRESS C6000 digital press makes it easier to deliver the level of quality that will keep your customers coming back for more!
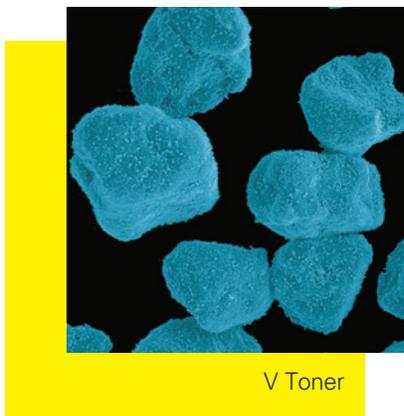
OUTPUT THAT RIVALS OFFSET

The revolutionary imaging, fusing, and toner technologies developed for the imagePRESS product line help generate output that looks and feels like offset printing.

Canon's oil-free V Toner uses exceptionally small particles (averaging 5.5 microns) and, when combined with Canon's proprietary Dual Fusing technology and Media Library, the toner lays evenly and flat across the sheet, producing sharp, vivid, dense images with a smooth finish.

Also, Gloss Optimization helps ensure that you won't see any differences between the gloss level between the printed and unprinted areas on a sheet. Nor will you feel raised toner. Your clients can confidently use output from the imagePRESS C6000 digital press to relay their messages to their customers.
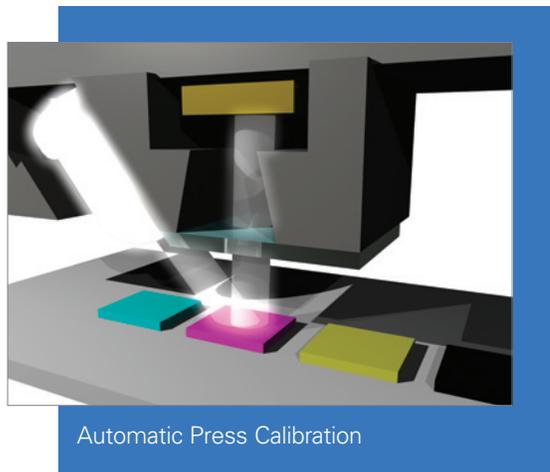
V Toner

AMAZING COLOR CONSISTENCY

Your customers expect that each piece in a print run will look just like every other piece. Although this sounds simple enough, it's not—particularly when you're working with digital color images, a variety of paper types, and varying environmental conditions.

The **imagePRESS C6000** digital press incorporates three sophisticated technologies that help ensure consistent color throughout a print run.

- **Automatic Press Calibration** maintains the necessary color densities without constant oversight by press operators.

- **Advanced Developer Technology** constantly supplies fresh developer. This helps create consistent color across the width of every page.

- **Real-Time Calibration** measures color density levels while the job is in progress. Automatic adjustments help ensure that the first print in a job matches the last print and every print in between.
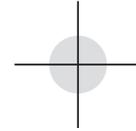
Together, these technologies help ensure that all prints maintain a level of consistency that your most demanding customers expect.

Automatic Press Calibration

Take a Tour of the imagePRESS C6000 Digital Press

See how Canon innovations work together to yield better image quality, greater productivity, and maximum versatility.

The **Document Insertion Unit*** allows users to insert preprinted cover sheets into a saddle-stitched job.

The **Puncher Unit*** provides accurate two- and three-hole punch capabilities with no set limits.

The **Booklet Trimmer*** attaches to the Saddle Finisher and evenly trims booklets up to 80 pages.**

The **Saddle Finisher** creates saddle-stitched booklets up to 80 pages (20 sheets) in length. The Saddle Finisher and Plain Finisher provide corner- and doubled-sided staples up to 100 sheets.** In addition, two trays will hold up to 2,500 sheets each.

Dual Fusing allows the press to maintain maximum output speed while ensuring that gloss remains consistent across the page.

The **High-Capacity Stacker** offset and straight stacks up to 5,000 sheets* on a removable dolly, making the transition to offline finishing easier.

The **Press Console** improves operability and gives you access to features such as the Media Library.

The **Advanced Image Transfer Belt (AITB)** transfers all four colors to the page in a single pass for a better impression on a wider range of coated, uncoated, and specialty stocks.

Advanced Feeding Technologies ensure reliable and accurate paper feeding.

The **Escape Tray** is where multifed sheets from the POD Decks are routed, without stopping the press.

Tray Indicators are illuminated to show you how much paper remains in a tray.

The **POD Decks** hold any supported stock, in any tray, up to 13" x 19.2" Each POD Deck has three trays with a total capacity of 4,000 sheets.** Add a second POD Deck to increase total capacity to 10,000 sheets.**

Twin Red Laser Imaging produces precise, clear, higher-resolution images.

The **E Drum** was engineered for optimum image transfer and durability.

The **Standard Paper Capacity** is 2,000 sheets.** 1,000 sheets of any supported stock fit in each of the two standard trays.

*Optional accessory for Finisher/Saddle Finisher.
**20 lb. Bond (75gsm)

BUILT FOR RELIABLE, EFFICIENT PERFORMANCE, THE imagePRESS C6000 DIGITAL PRESS KEEPS JOBS MOVING

It's designed for dependable, predictable performance on all types of jobs.

The imagePRESS C6000 digital press is engineered to minimize slowdowns or downtime that can limit your potential for achieving the greatest possible returns from your investment in a digital press.

"ON-THE-FLY" PAPER AND TONER REPLACEMENT

You don't have to stop the press to refill paper trays, replace toner bottles, or change the waste toner bottle. Keeping the presses running helps you deliver more jobs in the timeframe each customer demands.

AUTOMATIC DUPLEXING AND PERFECTING

The Canon imagePRESS C6000 digital press can auto duplex/perfect stocks up to 110 lb. Cover (300gsm) and 13" x 19.2" in size, giving you the latitude to accept almost any type of job a customer might request.

IN-TRACK REGISTRATION AND TIMING SENSORS

These sensors help ensure that each sheet enters the press straight, centered, and at exactly the right moment so that images and text will be placed in the same location on each sheet. As a result, offline finishing is much easier to manage.

Toner Station

MULTIFEED DETECTION TECHNOLOGY

In the unlikely event that more than one sheet enters the press at the same time, Multifeed Detection diverts the sheets to the Escape Tray on top of the POD Deck without stopping the press. Press operators can then focus on getting other jobs in and out of your shop, without having to waste time clearing paper jams.

PRECISION FRONT-TO-BACK REGISTRATION

When images and text are printed on both sides of a sheet, the advanced registration technology helps ensure that your front-to-back registration will be accurate. This helps provide the professional look your customers expect in their finished documents.

Press Console

ADVANCED FEEDING TECHNOLOGY

Press operators don't need to intervene as often when paper stocks feed reliably. To help ensure more stability as each sheet is fed into the press, the Suction Feeding technology picks up the top sheet with air rather than rollers. Enhanced Air Assist and Air Separation Technologies also help prevent papers from double feeding by minimizing paper friction and keeping sheets separated.

VERSATILITY

CANON'S PAPER-HANDLING, COPYING, AND FINISHING CAPABILITIES LET YOU ACCEPT A WIDE VARIETY OF JOBS

No matter what type of job your customer requests, the imagePRESS C6000 digital press gives you the versatility to say, "Yes, I can do that!"

The press can handle the applications that are most in demand today, such as direct mail, business cards, newsletters, brochures, sell sheets, and self-mailers. The imagePRESS C6000 digital press can also help you offer new applications and enter new markets.

MANY DIFFERENT PAPER TYPES

Your customers are accustomed to selecting their own paper because they know that stock affects the overall impact of the finished document. Canon's imagePRESS C6000 digital press can handle an extremely wide selection of weights, finishes, types, and sizes. The press can accept sheets ranging from 7.2" x 7.2" up to 13" x 19.2" and any custom size in between. It also supports everything from lightweight 17 lb. Bond to heavy 110 lb. Cover stock. The two standard trays and POD Deck can be easily adjusted and affordability to accommodate any of the stocks the imagePRESS C6000 digital press can handle.

MORE PAPER, READY FOR PRINTING

Profitable digital printing requires being prepared to handle a variety of different jobs every day. The economical 3,500-sheet Paper Deck employs Air Assist Technology for reliable feeding of numerous stocks up to 110 lb. Cover and as large as 13" x 19". As your business grows, so can your press. When you use Canon's optional POD Deck in conjunction with the two paper trays included with the imagePRESS C6000 digital press, you can have five different stocks ready to go at all times. The POD Deck includes three trays: two that hold up to 1,000 sheets* and one that holds up to 2,000 sheets.*
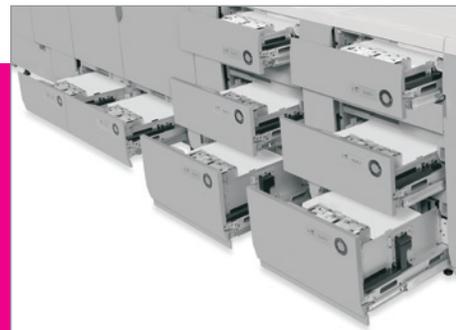
*20 lb. Bond (75gsm)

HARD-COPY REPRODUCTIONS

If a customer wants to reproduce copies of an existing document, you can do that too! With the optional Image Reader and DADF in the imagePRESS C6000 digital press, you can convert hard-copy documents to digital format for editing and production.

Also, when it comes to connectivity, the imagePRESS C6000 digital press offers efficient document distribution with Canon's Color Universal Send technology. It provides comprehensive distribution of information simultaneously to multiple locations across the hall or around the globe.

MULTIPLE FINISHING OPTIONS

For the ultimate in production versatility, your Canon imagePRESS C6000 digital press can be equipped with a wide range of finishing options, including multiple high-capacity stackers, a saddle finisher or perfect binder for creating booklets, a plain finisher for basic stapling, a hole puncher for documents that will be inserted into binders, a booklet trimmer for full-bleed saddle-finished booklets, and a cover inserter for efficiently adding heavier weight covers to saddle-finished booklets.

POD Decks and Standard Trays

CHOOSE THE CONTROLLERS THAT BEST FITS YOUR WORKFLOW

Choose the option that supports the type of work you do today *and* the work you'll do tomorrow.

The imagePRESS C6000 digital press has one of the most extensive lists of controller options to give users the right level of power and functionality to fit their production environment.

CANON CONTROLLER: COLOR UFR II/PCL/PS PRINTER KIT

When the Canon imagePRESS C6000 digital press is configured with this economical print controller, networked users can access document/image manipulation features, paper source, and finishing modes directly from their desktop. Ideal for environments requiring basic-level graphic processing, this controller offers a host of capabilities such as Secured Print, Print-to-Mailbox, and Edit & Preview.

EFI® SERVERS: imagePRESS SERVER A1100, A2100, AND A3100, POWERED BY EFI FIERY®

For those familiar with the popular Fiery-based workflow, Canon offers three high-performance controller solutions to appropriately serve the needs of print service providers of any size.

The **imagePRESS Server A1100** is a centralized workstation for tracking, editing, and managing multiple print jobs in small- to mid-size production printing environments. It includes tools for efficiently producing direct mail pieces, brochures, and booklets. Press operators can preview PDF files, scale images, combine simplex and duplex sheets, and pull stocks from different sources. This controller solution combines cost-efficiency and affordability with an extensive feature set—with the ability to easily add functionalities as business grows.

The Canon **imagePRESS Server A2100** is another high-performance controller for the imagePRESS C6000 digital press. It's best suited for corporate in-plants and print service providers who need another competitive option without sacrificing important functionality. This model comes loaded with standard features, such as the Graphic Arts Package and Impose, and is configurable with optional packages such as Compose and the Graphic Arts Package, Premium Edition.

The **imagePRESS Server A3100** is the most powerful and highest performing Fiery-based controller for the imagePRESS C6000 digital press. It comes fully loaded with standard features such as the Graphic Arts Package, Premium Edition, Impose, and Compose to maximize uptime and drive productivity.

Workflow integration is available with all three controllers through Fiery's stand-alone JDF Connector for high-end environments looking for connectivity to solutions such as EFI Digital StoreFront®. Support for popular VDP formats is also standard for environments looking to maximize their investment by offering personalized communications.

CREO COLOR SERVER: imagePRESS CR SERVER A7000, POWERED BY **CREO** COLOR SERVER TECHNOLOGY

The newest digital front end for the imagePRESS C6000 digital press, the **imagePRESS CR Server A7000** offers another workflow choice for users. Built on unique **Creo** Color Server architecture, the easy-to-use controller offers robust color controls, make-ready features, and VDP capabilities for every level user—especially commercial printers. A standard variable data composition engine, called Easy VDP Creator, also allows users to access an intuitive, template-driven VDP solution integrated with their controller. Hybrid workflow connectivity is made simple with built-in JDF/JMF support for many commercial prepress environments. Available with the optional Process Power Pack, productivity and automation is further enhanced with the Parallel RIP and Photo Touch-up Software features.

MARKING ENGINE

Technology:	Laser Electrostatic Transfer System
Resolution:	Up to 1200 x 1200 dpi
Halftones:	256-Level Grayscale

Print Speed (Simplex, LTR)

64 to 135 g/m²:	60 ppm
136 to 220 g/m²:	52 ppm
221 to 300 g/m²:	40 ppm
Maximum Paper Size:	13" x 19.2"

Paper Feeding

Standard:	2,000 Sheets (20 lb. Bond)
Maximum:	10,000 Sheets (20 lb. Bond) with Optional 2 POD Decks
Acceptable Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²) (All Trays)
Duplexing/Perfecting:	Automatic Duplex/Perfect Any Supported Stock
Power Source:	Single-Phase 208V/30A
Dimensions (H x W x D):	Approx. 52.4" x 101.8" x 44.7"
Weight:	Approx. 2,645 lb. (1,200kg)

INPUT ACCESSORIES

POD Deck-A1

Paper Capacity:	4,000 Sheets (1,000 x 2 + 2,000) (20 lb. Bond)
Minimum Paper Size:	7.2" x 7.2"
Maximum Paper Size:	13" x 19.2"
Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Dimensions (H x W x D):	Approx. 43.1" x 38.9" x 31.2"
Weight:	Approx. 551 lb. (250kg)
Power Source:	208V/15A

Secondary POD Deck-A1

Paper Capacity:	4,000 Sheets (1,000 x 2 + 2,000) (20 lb. Bond)
Minimum Paper Size:	7.2" x 7.2"
Maximum Paper Size:	13" x 19.2"
Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Dimensions (H x W x D):	Approx. 43.1" x 31.9" x 31.2"
Weight:	Approx. 507 lb. (230kg)
Power Source:	From POD Deck-A1

Paper Deck-AC1

Paper Capacity:	3,500 Sheets (20 lb. Bond)
Paper Size:	Letter, Letter-R, Legal, 11" x 17", 12" x 18", 13" x 19"
Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Dimensions (H x W x D):	Approx. 22.4" x 23.7" x 24.4"
Weight:	Approx. 112 lb. (51kg)
Power Source:	From Marking Engine

Stack Bypass-A1

Paper Capacity:	100 Sheets (20 lb. Bond)
Minimum Paper Size:	5.5" x 7.2"
Maximum Paper Size:	13" x 19.2"
Paper Weight:	17 lb. Bond to 140 lb. Index (64 to 256 g/m²)

Color Image Reader-H1

Image Sensor:	CCD
Document Size:	Statement to 11" x 17"
Resolution:	600 x 600 dpi, 256 Gradations
Dimensions (H x W x D):	Approx. 4.1" x 28.8" x 23.4"
Weight:	Approx. 38.5 lb. (17.5kg)
Power Source:	From Marking Engine

DADF (Duplex Automatic Document Feeder)-R1

Tray Capacity:	100 Sheets (20 lb. Bond)
Scanning Speed:	Up to 80 ipm (300 dpi) Up to 50 ipm (600 dpi)
Acceptable Original Size:	Statement to 11" x 17"
Acceptable Paper Weight:	13 lb. Bond to 80 lb. Cover (50 to 216 g/m²)
Dimensions (H x W x D):	Approx. 5.6" x 25.4" x 22.4"
Weight:	Approx. 47.3 lb. (21.5kg)
Power Source:	From Marking Engine

FINISHING ACCESSORIES

Professional Puncher-B1

Original Size:	LTR, LTR-Tab Paper
Paper Weight:	20 lb. Bond to 80 lb. Cover (75 to 216 g/m²)
Die Set Patterns:	Loose Leaf 3-Hole/5-Hole, Velo Bind 11-Hole, Plastic Comb 19-Hole, Twin Loop 21-Hole/32-Hole, ProClick 32-Hole, Color Coil 44-Hole
Size:	22" x 31.5" x 40.9"*
Power Supply:	120V, 60Hz

Two Knife Booklet Trimmer-A1

Original Size:	LTR-R, 11 x 17", 12 x 18", Legal
Acceptable Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)

Number of Sheets:
20 Sheets/80 Pages (20 lb. Bond up to 80 g/m²)
15 Sheets/60 Pages (80 up to 105 g/m² – 28 lb. Bond)
10 Sheets/40 Pages (105 up to 128 g/m² – 32 lb. Bond)
5 Sheets/20 Pages (128 up to 216 g/m2 – 80 lb. Cover)
Cover Sheet can be up to 110 lb. Cover (300 g/m²)

Trimming Width:	2mm to 15mm (0.08" x 0.59")
Power Supply:	120V, 60Hz

High-Capacity Stacker-C1

Offset Stack Capacity:	5,000 Sheets (20 lb. Bond)
Top Tray Capacity:	1,000 Sheets (20 lb. Bond)
Maximum Paper Size:	13" x 19.2"
Acceptable Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Number of Units Connected at Once:	Up to 2
Dimensions (H x W x D):	Approx. 48.8" x 33.9" x 30.1"
Weight:	Approx. 440 lb. (200kg)
Power Source:	115V/15A (Second Stacker Receives Power from First Stacker)

Perfect Binder-B1

Cutting Method:	Stack Rotation 3-Direction or 1-Direction Cut
Finished Book Size (After 3-Direction Cutting):	5.4" x 7.99" to 8.5" x 11.69"
Book Thickness:	10 to 200 Sheets (20 lb. Bond) (up to 25mm)
Warm-Up Time:	440 Seconds

Trim Range (Adjustable in 0.5mm Increments)

Side:	.26" to 1.95"
Top and Bottom:	.26" to 1.56"
Dimensions (H x W x D):	53.5" x 36.3 x 31.1"
Weight:	Approx. 697 lb. (316kg)
Power Source:	208V/15A

Finisher-AB1/Saddle Finisher-AB2

Number of Trays:	2 to 3

Tray Capacity

Top Tray:	3,000 Sheets (20 lb. Bond)
Lower Tray:	2,000 Sheets (20 lb. Bond)
Saddle-Stitch Tray:	30 Booklets or Limitless
Staple Positions:	Corner Stapling, Double Stapling

Acceptable Paper Weight

Finisher:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Saddle Finisher:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Inside Sheets:	17 lb. Bond to 200 g/m²
Cover Sheet:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)

Acceptable Paper Size

Stapling:	Executive, Letter-R, Letter, Legal, 11" x 17"
Sheet Stacking:	Up to 13" x 19.2"
Saddle Finisher:	Letter-R, Legal, 11" x 17", 12" x 18"
Max. Stapling Capacity:	Up to 100 Sheets

Saddle-Stitching (Number of Sheets)

Plain Paper:	64 to 80 g/m²:	2 to 20 Sheets
	81 to 105 g/m²:	2 to 15 Sheets
	106 to 200 g/m²:	2 to 5 Sheets
Coated Paper:	80 to 81.4 g/m²:	2 to 15 Sheets
	81.5 to 105 g/m²:	2 to 10 Sheets
	106 to 200 g/m²:	2 to 5 Sheets
Dimensions (H x W x D):	Approx. 46.5" x 31.5" x 31.2"	

Weight

Finisher:	Approx. 278 lb. (126kg)
Saddle Finisher:	Approx. 392 lb. (178kg)
Power Source:	208V/15A

Booklet Trimmer-C1

Margin Trimming:	Open-end Only
Trim Amount:	0.08" to 0.78"
Trim Thickness:	40 Sheets
Waste Tray Capacity:	1,500 Sheets of Trimmed Strip
Acceptable Paper Weight:	17 lb. Bond to 110 lb. Cover (64 to 300 g/m²)
Output Tray Capacity:	30 Booklets
Dimensions (H x W x D):	Approx. 40.9" x 62" x 30.3"
Weight:	Approx. 335 lb. (152kg)

Puncher Unit-V1 (Option for Finisher/Saddle Finisher)

Punch Method:	Press Punch System
Max. Paper Weight:	17 lb. Bond to 110 lb. Index (64 to 200 g/m²)

Paper Sizes

2-Hole:	Legal, Letter-R
3-Hole:	11" x 17", Letter, Executive
Punch Speed:	Up to 70 ppm (Depends on Speed of Marking Engine)

Document Insertion Unit-C1 (Option for Finisher/Saddle Finisher)

Number of Trays:	2

Capacity

Upper Tray:	200 Sheets
Lower Tray:	200 Sheets
Acceptable Paper Weight:	17 lb. Bond to 110 lb. Cover

Acceptable Paper Size

Upper Tray:	7.2" x 7.2" to 11.6" x 13"
Lower Tray:	7.2" x 7.2" to 13" x 19.2"
Dimensions (H x W x D):	Approx. 8.4" x 24.6" x 26.3"
Weight:	Approx. 37.5 lb. (17kg)
Power Source:	From Finisher

*Size includes Professional Puncher Integration Unit-A1

Canon

*image*ANYWARE

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