Canon







THE CANON imagePRESS C7000VP DIGITAL PRESS



It's built for today's work - and tomorrow's growth.

Canon's significant annual investment in Research and Development has helped make the Canon brand synonymous with ultra-high-quality digital imaging. With the imagePRESS C7000VP digital press, Canon, once again, has revolutionized the color marketplace. As the next generation in digital printing technology, the Canon imagePRESS C7000VP digital press redefines expectations of image quality, productivity, and versatility.

This powerful production engine was built for high-quality, on-demand printing and value-added services, such as variable data printing. The imagePRESS C7000VP digital press produces output that rivals offset image quality while maintaining superior color consistency and production reliability.

With true 1200×1200 dpi color and black-and-white output at a consistent speed of 70 pages per minute (letter), regardless of weight, the imagePRESS C7000VP digital press is ideal for:

- Commercial printers looking to expand their services and revenue opportunities while offering customers uncompromised print quality;
- Quick printers and digital printers that want to increase production volume by offering enhanced image quality on a greater variety of paper stocks; and,
- In-plant facilities that need to maintain control over color printing costs, quality, and turnaround time.





Luxurv



As you look to the future, you may want to build more automation into your process, implement a Web-to-print solution, or expand your variable data printing capabilities. imagePRESS Workflow Solutions can help you grow and evolve in your business and take advantage of existing and new technologies to benefit all print environments. The imagePRESS Workflow Solutions program will 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 deliver a solution that builds efficiency within the workflow and to *simplify* your production processes.

IMAGE QUALITY



Ultra-high-quality printingnothing less than you'd expect

CANON'S COMMITMENT TO QUALITY, ATRADITION YOU CAN DEPEND ON

Incorporated into the imagePRESS C7000VP digital press is Canon's unique understanding of photography, color science, color imaging, and workflow. The result is an ultra-high-quality, high-speed digital press that fully integrates with the way professionals work and profit in the dynamic world of digital printing.

A DIFFERENCE IN QUALITY YOU CAN SEE-AND FEEL

The imagePRESS C7000VP digital press features revolutionary technologies you won't find in any other color device. At the core of the imagePRESS system are its print engine and toner technology. These ensure outstanding image quality, reliable and consistent color, and detailed, sharp images on gloss, matte, and specialty stocks to produce output that looks and feels like offset printing.

"OPTIMIZED" TONER TECHNOLOGY FOR A SMOOTHER, FLATTER FINISH

Forget what you think you know about toner-based printing. Canon's V Toner is oil-free and utilizes exceptionally small particles (averaging 5.5 microns) containing micro-dispersed wax so the toner fixes evenly and lays flat, resulting in sharp, vivid, dense images and a smooth finish that looks and feels like offset printing. There are no 3-D or raised toner effects, which means you won't be able to tell where the toner begins and ends on the page.

HIGH-RESOLUTION IMAGING

With true 1200 x 1200 dpi resolution, you get finer image quality, higher quality characters, smoother corners, and highly clean gradient transitions. You also get 256 levels of grayscale for unparalleled color depth, better mid-tones, and detailed images.



GLOSS OPTIMIZATION—A REFLECTION OF QUALITY

Canon's unique combination of toner, imaging process, fusing technologies, and media library work together to ensure that the gloss of the image matches that of the paper and remains consistent across the page. Since there are no tell-tale deviations usually associated with digital printing, the result is undeniably superior.



CONSISTENCY YOU CAN COUNT ON—PAGE AFTER PAGE, JOB AFTER JOB, DAY AFTER DAY

Delivering consistent print quality and color matching throughout a print run, especially on reprint orders, is critically important. But it's sometimes easier said than done, especially when you're working with color images, a variety of paper types, and varying environmental conditions. Built-in **Automatic Press**Calibration sets the proper color densities without operator intervention, while Canon's **Advanced Developer technology** maintains a constant supply of fresh developer to ensure color consistency from side to side, page to page, and job to job.

Real-Time Calibration measures color density levels in real-time and automatically makes any necessary adjustments to ensure that the first print matches the last, and every one in-between.

ULTRA-HIGH IMAGE QUALITY ON A WIDE RANGE OF PAPER STOCKS

The imagePRESS C7000VP digital press uses an Advanced Image Transfer Belt (AITB). Similar to the blanket on an offset press, the AITB flexible design accepts the image from the drum then transfers all four colors to the page in a single pass. The result? Better solids, not only on plain and coated stocks, but also on specialty papers.





Take the imagePRESS C7000VP Digital Press Tour

Canon's investment resulted in better image quality, productivity, and versatility.



The **Document Inserter*** 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.

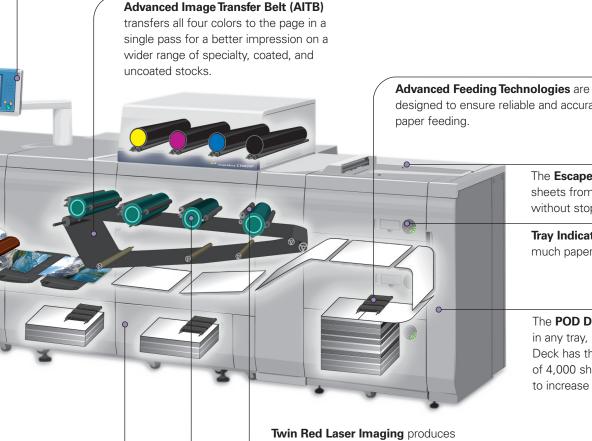
The **Booklet Trimmer*** attaches to the Saddle Finisher and evenly trims booklets up to 80 pages.** The output tray holds up to 30 saddle-stitched booklets.

The **Saddle Finisher** creates saddle-stitched booklets up to 80 pages (20 sheets) in length. The Saddle Finisher and Plain Finisher provide corner- and double-sided staples up to 100 sheets** and stack on two trays for an output capacity of 5,000 sheets.**

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

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

The **Press Console** is designed to improve operability and give you access to features such as the Media Library.



designed to ensure reliable and accurate

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

Tray Indicators illuminate to tell you how much paper is left.

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 capacity to 10,000 sheets.**

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

precise, clear, higher-resolution images.

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

^{*}Optional accessory for Finisher/Saddle Finisher

^{**20} lb. Bond (75gsm)

PRODUCTIVITY



RELIABILITY AND PRODUCTIVITY: WHAT YOU NEED IN THE PRESSROOM

The imagePRESS C7000VP digital press features advanced productivity and reliability via technologies that keep jobs moving with little or no effort.

MAINTAIN PRINT SPEED, REGARDLESS OF PAPER WEIGHT

While most other digital printing systems are forced to slow down on heavier stocks, the imagePRESS C7000VP digital press maintains print speed, regardless of paper weight, on letter, ledger, 12" x 18", and 13" x 19" sheets. This ability ensures maximum press throughput and simplifies job scheduling, no matter which stock is required.

LET IT RUN UNATTENDED WITHOUT MISSING A BEAT

With enhanced productivity and reliability technologies, the Canon imagePRESS C7000VP digital press can virtually run by itself. In fact, with a few simple steps taken in advance, operators can let the press run any job without intervention. So while the press does its job, operators can prepare for the next one.

DESIGNED TO MINIMIZE DOWNTIME AND MAXIMIZE PRODUCTIVITY

When press time is interrupted, it costs time and money. That's why Canon designed the imagePRESS C7000VP digital press with automated features so downtime is minimized and production maximized!

"On-The-Fly" paper and toner replacements let you maintain productivity without stopping the press. You can refill paper trays, replace the toner bottles, and replace the waste toner bottles without stopping or pausing the press.

Multifeed detection is a brilliant way to prevent paper jams and keep the press operating efficiently. If two or more sheets are detected entering the press from the POD deck at the same time, they're diverted to the escape tray on top of the POD deck, without ever stopping the press.



Toner Station

PRINTING THAT WATCHES YOUR FRONT AND BACK

The imagePRESS C7000VP digital press maximizes productivity with **automatic duplexing/perfecting on all supported stocks**. With the press's precision front-to-back registration technology, you can be confident that all four sides of an image line up. The highly accurate built-in registration technology helps prevent images from being misaligned, giving you a professional result even on 110 lb. Cover (300 g/m²) and 13" x 19.2" sheets.

INTELLIGENT REGISTRATION TECHNOLOGIES THAT GIVE IT TO YOU STRAIGHT

If registration is one of your major concerns, the Canon imagePRESS C7000VP digital press will come as a big relief. It provides **In-Track Registration** and **Timing Sensors** that address skewing, positioning, and timing issues. This helps ensure that the image is placed in the same location on every sheet of paper and enters the press straight, centered, and on time — every time.



ADVANCED FEEDING TECHNOLOGIES THAT SATISFY YOUR APPETITE FOR EFFICIENCY

All trays in the press are equipped with technologies that facilitate accurate and reliable feeding into the press. More like a press than a printer, Canon's **Suction Feeding** technology picks up the top sheet with air, not rollers, for greater stability as the sheet is fed into the press. **Enhanced Air Assist** and **Air Separation Technologies** help minimize paper friction and keep sheets separated to prevent double-feeding and the need for operator intervention.





VERSATILITY

More Innovative Features and Paper Stock Choices Enhance Quality, Efficiency, and Performance

Enhanced paper-handling capabilities of the imagePRESS C7000VP digital press give operators all the flexibility and versatility they need to meet the challenges of on-demand digital printing.

PRINT ON THE PAPER STOCK YOUR CUSTOMERS WANT

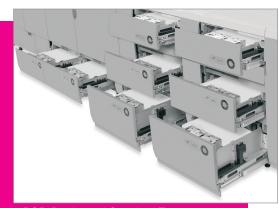
Why limit paper stock options when you can offer your customers the right stock for the job with the Canon imagePRESS C7000VP digital press? It handles a variety of paper weights, types, and sizes and accepts sheets as small as 7.2" x 7.2" to as large as 13" x 19.2" (and even custom sizes) and 17 lb. Bond to 110 lb. Cover in weight. This digital press gives you consistent, high-quality imaging on coated, uncoated, and specialty stocks.

A MEDIA LIBRARYTHAT SETS PARAMETERS FOR QUALITY AND EFFICIENCY

Maintaining quality output and operational efficiencies when you're running a variety of stocks can be challenging. But the imagePRESS C7000VP **Media Library** makes it simple. Just enter the properties of each paper you run into the Media Library. This lets you create, edit, manage, and select stocks from one central location. Once the details of the paper are entered, they're stored so you can easily select the appropriate stock for the job and help ensure optimal performance and quality.

TRAYS THAT TAKE A WIDE VARIETY OF STOCKS AND SIZES

In addition to two standard trays, the imagePRESS C7000VP digital press has an optional POD Deck that holds any supported stock in any tray. The POD Deck has three trays—two trays hold 1,000 sheets* each and the third tray holds 2,000 sheets.* Combine two POD Decks with the two standard 1,000-sheet* trays and the capacity increases to 10,000 sheets.* For environments where space is a concern, the 3,500-sheet* Paper Deck is an economical alternative. With greater capacity, versatility to meet your needs, support for more types of stocks, and less time needed for setup, the imagePRESS C7000VP digital press is more than a high-performance machine, it's a productivity tool, too.



POD Decks and Standard Trays

FRONT-END PROCESSING POWER TO DRIVE PRODUCTION AND PROFITS!

The imagePRESS C7000VP digital press features advanced workflow options to keep jobs moving.

The imagePRESS C7000VP 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 C7000VP digital press is configured with this 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.

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

The newest digital front end for the imagePRESS C7000VP digital press, the **imagePRESS CR Server A7000** offers another workflow choice for users. Built on unique **Creo** Color Server architecture, the 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 a 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.

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

For those familiar with the popular Fiery-based workflow, Canon offers two high-performance controller solutions. The **imagePRESS Server A3100** is the most powerful and highest performing Fiery-based controller for the imagePRESS C7000VP 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.

The Canon **imagePRESS Server A2100** is another high-performance controller for the imagePRESS C7000VP digital press. It's best suited for corporate in-plants and print service providers who need a more economical choice 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.

Workflow integration is available with both controllers through Fiery's standalone 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.

Specifications



MARKING ENGINE

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

Print Speed

70 ppm (Letter)* 35 ppm (11" x 17")* 31 ppm (13" x 19")*

Duplex/Perfect: 64 ipm (Letter)* 35 ipm (11" x 17")* 31 ipm (13" x 19")*

Maximum Paper Size: 13" x 19.2"

Paper Feeding

2,000 Sheets (20 lb. Bond) Standard: 10,000 Sheets (20 lb. Bond) with Optional 2 POD Decks Maximum: 17 lb. Bond to 110 lb. Cover Acceptable Paper Weight: (64 to 300 g/m²) (All Trays) Automatic Duplex/Perfect Any Duplexing/Perfecting:

Supported Stock Power Source: 3-Phase 208V/30A Dimensions (H x W x D): Approx. 52.4" x 101.8" x 44.7"

Weight:

INPUT ACCESSORIES POD Deck-A1

Paper Capacity: 4,000 Sheets (1,000 x 2 + 2,000)

Approx. 2,645 lb. (1,200kg)

Maximum Paper Size: 13" x 19.2"

Paper Weight: 17 lb. Bond to 110 lb. Cover

(64 to 300 g/m²)

Approx. 43.1" x 38.9" x 31.2" Dimensions (H x W x D): Weight: Approx. 551 lb. (250kg) 208V/15A

Power Source:

Secondary POD Deck-A1

4,000 Sheets (1,000 x 2 + 2,000) Paper Capacity:

Maximum Paper Size: 13" x 19.2"

17 lb. Bond to 110 lb. Cover (64 to 300 g/m²) Paper Weight:

Approx. 43.1" x 31.9" x 31.2" Dimensions (H x W x D): Weight: Approx. 507 lb. (230kg) Power Source: From POD Deck-A1

Paper Deck-AC1

3 500 Sheets (20 lb. Bond) Paper Capacity: Letter, Letter-R, Legal, 11" x 17", Paper Size 12" x 18", 13" x 19

Paper Weight: 17 lb. Bond to 110 lb. Cover (64 to 300 g/m 2) Dimensions (H x W x D): Approx. 22.4" x 23.7" x 24.4"

Approx. 112 lb. (51kg) Weight: 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:

Statement to 11" x 17" Document Size: 600 x 600 dpi, 256 Gradations Resolution 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) Up to 80 ipm (300 dpi) Scanning Speed: Up to 50 ipm (600 dpi) Acceptable Original Size: Statement to 11" x 17" 13 lb. Bond to 80 lb. Cover Acceptable Paper Weight:

(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

22" x 31.5" x 40.9"** 120V. 60Hz Power Supply:

Two Knife Booklet Trimmer-A1 Original Size: LTR, 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) 2mm-15mm (0.08" x 0.59") Trimming Width:

Power Supply: 120V, 60Hz

High-Capacity Stacker-C1

5,000 Sheets (20 lb. Bond) Offset Stack Capacity: Top Tray Capacity: 1,000 Sheets (20 lb. Bond)

Maximum Paper Size: 13" x 19.2'

17 lb. Bond to 110 lb. Cover (64 to 300 g/m 2) Acceptable Paper Weight:

Number of Units

Connected at Once:

Dimensions (H x W x D): Approx. 48.8" x 33.9" x 30.1" Weight Approx. 440 lb. (200kg) 115V/15A (Second Stacker Power Source: Receives Power from First Stacker)

Up to 2

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"

Approx. 53.5" x 36.3" x 31.1" Dimensions (H x W x D): Weight: Approx. 697 lb. (316kg)

Power Source: 208V/15A Finisher-AB1/Saddle Finisher-AB2

Number of Trays: 2-3

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 Corner Stapling, Double Stapling Staple Positions:

Acceptable Paper Weight

Finisher: 17 lb. Bond to 110 lb. Cover

(64 to 300 g/m²)

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Acceptable Paper Size

Executive, Letter-R, Letter, Legal, 11" x 17" Stapling: Up to 13" x 19.2" Sheet Stacking:

Letter-R, Legal, 11" x 17", 12" x 18" Saddle Finisher:

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 a/m²: 2 to 15 Sheets 106 to 200 g/m²: 2 to 5 Sheets

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 2 to 15 Sheets 2 to 10 Sheets

Approx. 46.5" x 31.5" x 31.2" Dimensions (H x W x D): Finisher: Approx. 278 lb. (126kg) Approx. 392 lb. (178kg) Saddle Finisher

208V/15A Power Source:

Booklet Trimmer-C1

Coated Paper:

Margin Trimming: Open-end Only 0.08" to 0.78 Trim Amount: 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) 30 Booklets

Output Tray Capacity:

Approx. 40.9" x 62" x 30.3" Dimensions (H x W x D): 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:

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

*Regardless of paper weight **Size includes Professional Puncher Integration Unit-A1

Camon *imageANYWARE*

> 1-800-OK-CANON www.usa.canon.com

Canon U.S.A., Inc. One Canon Plaza Lake Success, NY 11042