

Canon

 **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 colour imaging in industries as diverse as medical imaging, broadcasting, and professional photography. Given the tremendous success of the imagePRESS C7000VP digital press in the production marketplace, it's 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 helps 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 colour imaging and document reproduction.

The imagePRESS C6000 digital press produces output that rivals offset quality, maintains superior colour 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.

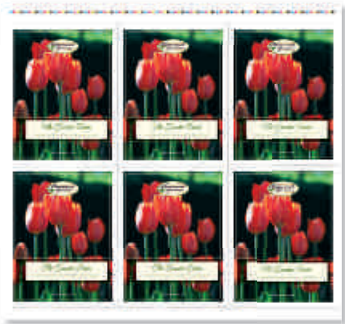
The imagePRESS C6000 digital press is ideal for:

- **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 colour 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, colour 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.

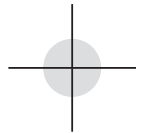
Simplify - The final goal is to offer a solution that builds efficiency within the workflow and simplify your production processes.

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 colour management, finishing, customized communications, and business development.

IMAGE QUALITY



The imagePRESS C6000 Digital Press Delivers Revolutionary Technology To The High-end, High-Quality Digital Colour Printing Market.



SUPERB IMAGE REPRODUCTION

Colour 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, colour science, and imaging.

With a true 1200 x 1200 dpi resolution and 256 levels of greyscale, 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 colours 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!

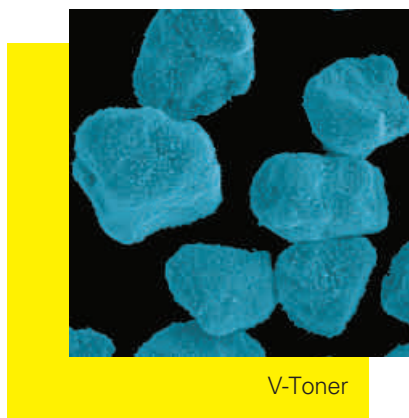


OUTPUT THAT RIVALS OFFSET

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.



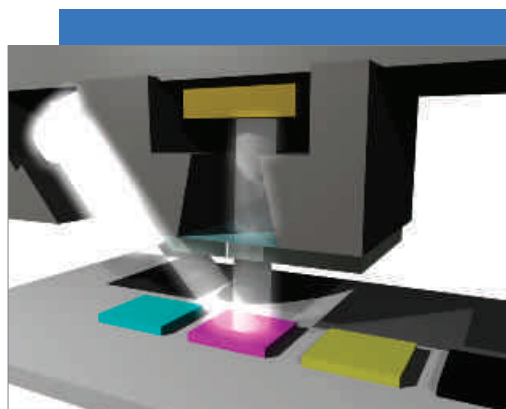
AMAZING COLOUR CONSISTENCY

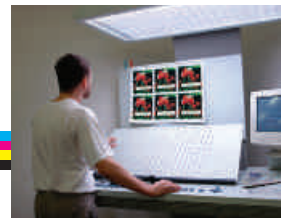
Your customers expect that each piece in a print run will look just like every other piece. Although this sounds simple enough, it's not—particularly when you're working with digital colour images, a variety of paper types, and varying environmental conditions.

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

- **Automatic Press Calibration** maintains the necessary colour densities without constant oversight by press operators.
- **Advanced Developer Technology** constantly supplies fresh developer. This helps create consistent colour across the width of every page.
- **Real-Time Calibration** measures colour 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.

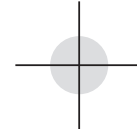
Together, these technologies help ensure that all prints maintain a level of consistency that your most demanding customers expect.





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.**

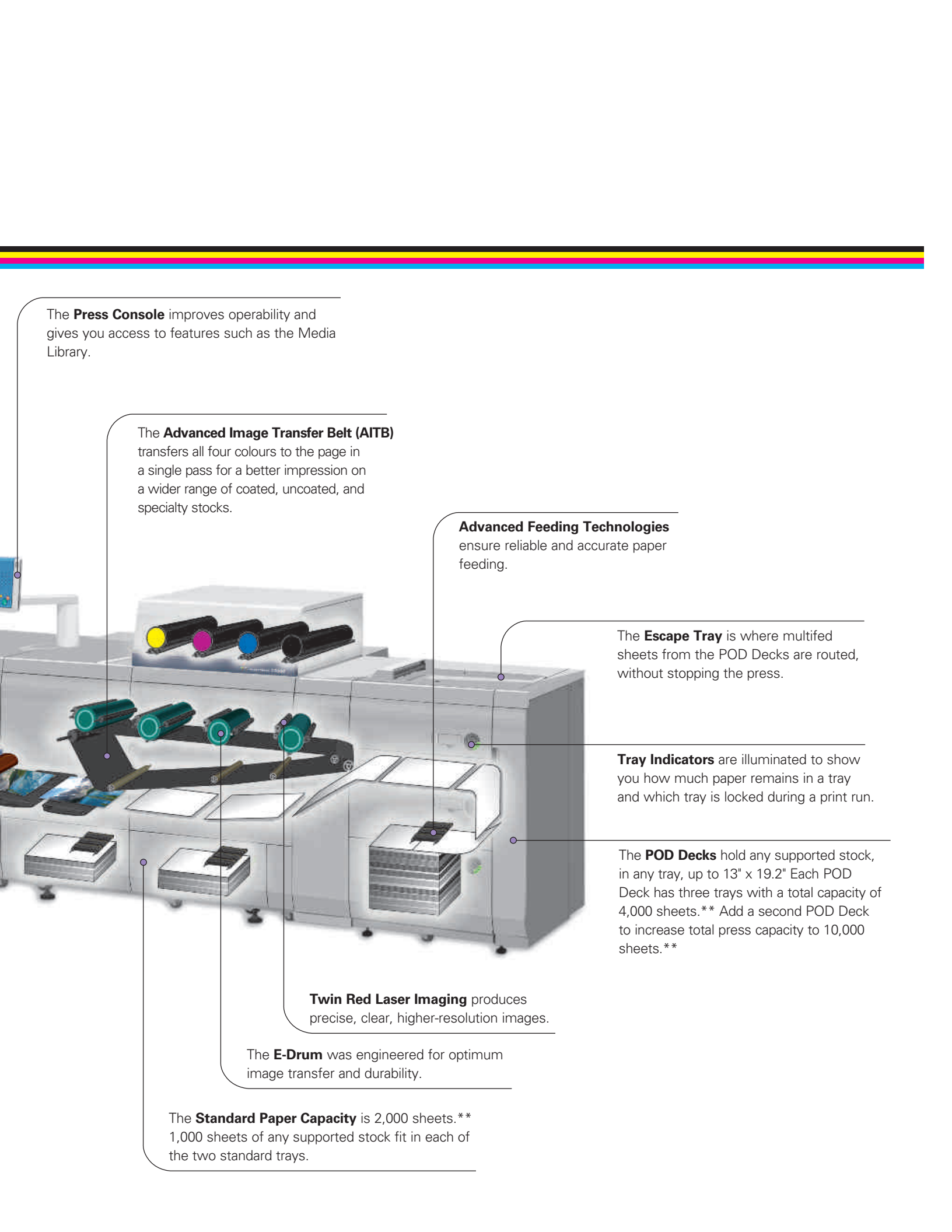
The **Saddle Finisher** creates saddle-stitched booklets up to 80 pages (20 sheets) in length. The Saddle Finisher and Plain Finisher provide corner and double-sided stapling up to 100 sheets.** In addition, two trays will hold up to 2,500 sheets each.

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

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

* Optional accessory for Finisher/Saddle Finisher.

** 20 lb. Bond (75gsm)



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 colours 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 multifold 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 and which tray is locked during a print run.

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 press 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.

PRODUCTIVITY



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 press 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 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 one of Canon's optional POD Decks 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.

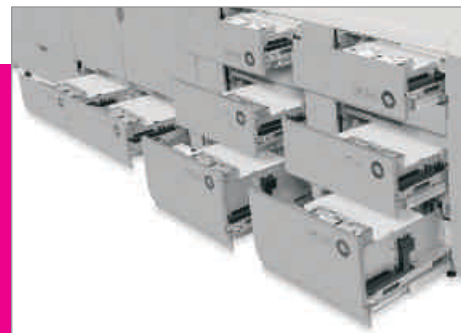
HARD-COPY REPRODUCTIONS

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 or a saddle finisher 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 CONTROLLER THAT BEST FITS YOUR WORKFLOW

You can select the option best suited for the type of work you do today *and* for the work you'll do tomorrow.

The imagePRESS C6000 digital press can be configured with either a Canon embedded controller or one of three Fiery®-based imagePRESS servers.

CANON CONTROLLER

For environments with basic graphic-processing requirements, the Canon controller allows networked users to send and control jobs directly from their desktops. Users can access and manipulate documents in the print queue and select the appropriate paper and finishing mode. Capabilities include Secured Print, Print-to-Mail Box, and Edit & Preview.

imagePRESS SERVERS

For minimal errors and job preparation time in production environments with more demanding requirements, Canon offers three progressively robust servers: the imagePRESS Server A3100, imagePRESS Server A2100, and imagePRESS Server A1100. All come with ColorWise® colour management software, Spot-On® capabilities for accurate reproduction of PANTONE® colours, and Hot Folders to eliminate the time-consuming chore of configuring print settings for multiple jobs.

The **imagePRESS Server A3100** is the most powerful front-end server for the imagePRESS C6000 digital press. Designed for graphic-intensive, variable data projects in the most demanding print-production environments, it features dual processors, advanced colour management and proofing capabilities, document and device security measures, and diagnostic tools for on-press adjustments. This server can handle late-stage PDF editing and works seamlessly with popular variable data printing applications. It can integrate with JDF for production management and cost control plus work with EFI® MIS and Web-to-print solutions as well as other Canon or third-party digital printing systems.

The **imagePRESS Server A2100** is for mid- to high-end production environments that need greater efficiency in handling a growing number and variety of jobs. This server includes high-speed processing, tools for colour-accurate hard-copy and soft proofing, and paper-simulation features for previewing jobs or colour-matching offset-printed jobs. It includes tools for static and variable data print jobs, local and remote job submission, paper stock management, tab insertion, and advanced control of the print queue.

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. Shops with specialized requirements can use the optional imposition tool or advanced scanning software.



imagePRESS
Server A3100

imagePRESS
Server A2100

imagePRESS
Server A1100

Specifications



MARKING ENGINE

Technology:	Laser Electrostatic Transfer System
Resolution:	Up to 1200 x 1200 dpi
Halftones:	256-Level Greyscale
Print Speed (Simplex, LTR)	
64gsm to 135gsm:	60 ppm
136gsm to 220gsm:	52 ppm
221gsm to 300gsm:	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 (64g/m ² to 300g/m ²) (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" (1330mm x 2586mm x 1135mm)
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 (64g/m ² to 300g/m ²)
Dimensions (H x W x D):	Approx. 43.1" x 38.9" x 31.2" (1095mm x 987mm x 792mm)
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 (64g/m ² to 300g/m ²)
Dimensions (H x W x D):	Approx. 43.1" x 31.9" x 31.2" (1095mm x 811mm x 792mm)
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 (64g/m ² to 300g/m ²)
Dimensions (H x W x D):	Approx. 22.4" x 23.7" x 24.4" (570mm x 601mm x 621mm)
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 (64g/m ² to 256g/m ²)

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" (105mm x 732mm x 595mm)
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 (50gsm to 216gsm)
Dimensions (H x W x D):	Approx. 5.6" x 25.4" x 22.4" (143mm x 646mm x 569.5mm)
Weight:	Approx. 47.3 lb. (21.5kg)
Power Source:	From Marking Engine

FINISHING ACCESSORIES

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 (64g/m ² to 300g/m ²)
Number of Units	Up to 2
Connected at Once:	Up to 2
Dimensions (H x W x D):	Approx. 48.8" x 33.9" x 30.1" (1240mm x 860mm x 765mm)
Weight:	Approx. 440 lb. (200kg)
Power Source:	115V/15A (Second Stacker Receives Power from First Stacker)

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 (64g/m ² to 300g/m ²)
Saddle Finisher:	17 lb. Bond to 110 lb. Cover (64g/m ² to 300g/m ²)
Acceptable Paper Size	
Stapling:	Executive, Statement-R, 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
Capacity:	Up to 20 Saddle-Stitched Sheets
Dimensions (H x W x D):	Approx. 46.5" x 31.5" x 31.2" (1180mm x 800mm x 792mm)
Weight	
Finisher:	Approx. 278 lb. (126kg)
Saddle Finisher:	Approx. 392 lb. (178kg)
Power Source:	208V/30A

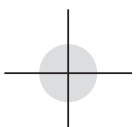
Booklet Trimmer-C1

Margin Trimming:	Open-end Only
Trim Amount:	0.08" to 0.78" (2mm to 20mm)
Trim Thickness:	40 Sheets
Waste Tray Capacity:	1,500 Sheets of Trimmed Strip
Acceptable Paper Weight:	17 lb. Bond to 110 lb. Cover (64g/m ² to 300g/m ²)
Output Tray Capacity:	30 Booklets
Dimensions (H x W x D):	Approx. 40.9" x 62" x 30.3" (1040mm x 1575mm x 770mm)
Weight:	Approx. 335 lb. (152kg)
Power Source:	From Finisher

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

Punch Method:	Press Punch System
Max. Paper Weight:	17 lb. Bond to 110 lb. Index (64g/m ² to 200g/m ²)
Paper Sizes	
2-Hole:	Legal, Letter-R
3-Hole:	11" x 17", Letter
Punch Speed:	Up to 70 ppm (Depends on Speed of Marking Engine)
Power Source:	From Finisher

*Regardless of paper weight



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Machines shown with optional accessories.

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