

New levels of quality
and productivity in
colour production.



imagePRESS C800/C700

you can

 **imagePRESS**

Canon

The perfect choice for every print environment

The innovative imagePRESS C800/C700 has been designed to meet all the challenges of the colour production market. Ideal for busy CRD and GA environments, the imagePRESS C800/C700 combines exceptional image quality with powerful productivity and offers the versatility to create extensive and innovative applications across a wide range of media, including heavyweight coated stocks and envelopes.

It can flexibly handle everything from short runs to complex variable data printing for personalised print communications – all within a small but scalable footprint. And with extended finishing capabilities and fast turnarounds it's the perfect choice to help you meet every print challenge.

Plus it offers an excellent return on investment – bringing time and cost savings to demanding CRDs and revenue generating opportunities to Graphic Arts environments.

Consistent and class-leading print quality without compromising on productivity

Impressive end-to-end production speeds for shorter turnaround times

Easily print everything from short runs to complex VDP jobs on a wide range of media for the most stunning print applications

Wide choice of controllers and finishing options for maximum flexibility and streamlined workflow

In CRDs and Graphics Arts, print professionals strive to cut costs and grow their business while facing a number of key challenges: delivering high image quality without compromising on productivity; having the flexibility to support a wide range of media and applications, from short runs to VDP; and finding a press that can meet all their needs within a small scalable footprint.



 **imagePRESS**

From the award winning imagePRESS family

A powerful and versatile colour production press, the imagePRESS C800/C700 is the newest member of the award winning imagePRESS family of digital colour and B&W presses. It builds on the highly successful imagePRESS C7011VP(S) series, using new and upgraded proven technologies to deliver advanced levels of innovation, print quality, productivity and versatility that result in highly satisfied customers and more revenue coming in.

Impressive new technologies for outstanding benefits

The imagePRESS C800/C700 incorporates a range of innovative technologies within a small and scalable footprint, to reliably deliver outstanding quality, excellent end-to-end productivity, smart flexibility and versatile media handling.

Exceptional quality for all prints

Consistently Vivid (CV) toner for colour consistency

CV toner is Canon's newly developed toner, which delivers higher quality print combined with high speeds of up to 80 ipm.

Thanks to a new para-shell structure, ultra-fine toner particles and the toner's smooth surface, it offers an improved toner transfer efficiency for enhanced colour consistency and accuracy across a wide variety of media, including embossed and rough paper surfaces for custom and premium applications.

The efficient toner transfer reduces toner wastage, energy consumption and paper deformation. CV toner features a broad colour spectrum for rich and vivid colours that will produce high quality marketing materials and the right colour on all your corporate documents. It has a gloss optimisation technology allowing a high gloss finish on coated media and a matt finish on plain / low gloss media.

The enhanced developer unit is designed to cool the internal temperature and maintain high quality image in heavy duty environments. All these new features mean delighted customers willing to grow their business together with yours.

Compact Registration Technology (CRT)

Compact and highly accurate registration technology assures best-in-class results whether printing 1 sheet or thousands.

The CRT combines digital sensors together with registration rollers to ensure that every single sheet is correctly positioned during print runs and that the image is placed in the same location on every sheet, for the highest quality results every time. This new technology also provides full control of the registration process, allowing you to satisfy the needs of even your most demanding customers.

Vibrant images

The imagePRESS C800/C700 features a 32 beam Vertical Cavity Surface Emitting (VCSEL) laser unit with multi-exposure technology that achieves an exceptional 2,400 x 2400 dpi resolution – enabling even higher precision in the printing of text and images, while supporting high productivity. Image distortion compensation improves digital scale up and down so operators can easily adjust and correct images, including fan correction.

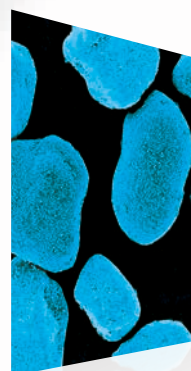
This new technology also allows operators to choose from a selection of the most versatile screen patterns available. They can select either new dot-screen patterns for optimised quality closer to offset or line-based patterns for even a larger choice. These screen patterns can optimise the quality of any print application and, as a result, deliver the most stunning images that your customers will love and pay a premium for high-value applications.

Enhanced colour calibration

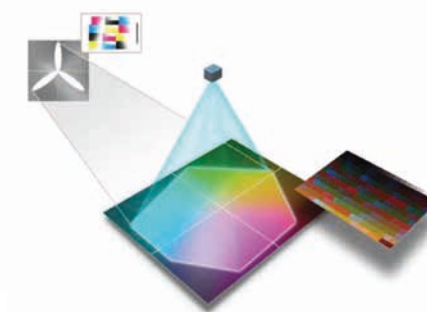
For the first time in a Canon production device the imagePRESS C800/C700 features Auto Correct Colour Tone (ACCT) for multidimensional mixed colour calibration. This allows colour adjustments to be made with a wider colour gamut than other technologies and keeps the colour quality at its highest level. As a result, text and images will be printed with a consistent and accurate colour at all times, enabling high value applications. Auto Gradation Adjustment (AGA) is an easy-to-use colour calibration tool with reduced operator calibration times, which assures perfect colour correction for consistent images and print applications.

Furthermore, the imagePRESS C800/C700 performs real-time calibration thanks to the Automatic and Reciprocal Color Density Adjustment Technology (ARCDAT) that adjusts the toner gradation and density for imaging. This improved technology delivers consistent halftone images without compromising the overall productivity.

CV toner



VCSEL Laser Unit



Auto Correct Colour Tone (ACCT)



Maximum productivity

Impressive production speeds

Thanks to an Advanced Twin Belt Fusing unit, high production speeds of up to 80 impressions per minute are possible on a wide range of media. The imagePRESS C800/C700 is capable of running at maximum speed on heavy stock up to 220gsm and on coated stocks it offers exceptional production speeds. It achieves this outstanding productivity thanks to the innovative Induction heating technologies that heat up the fusing belt quickly and efficiently and the improved belt cooling system. The imagePRESS doesn't sacrifice quality for productivity and these impressive speeds will increase the productivity of your print room and allow you to meet your customer's deadlines, increase customer loyalty and grow your business.

Auto duplex support

Duplex printing is in high-demand amongst print professionals as this opens up revenue opportunities, especially for heavyweight stocks. With a compact and efficient path design, the imagePRESS C800/C700 lets you quickly and effortlessly produce duplex print jobs on heavy weight media up to 300 gsm, with highly accurate front to back registration. Thanks to this technology, the imagePRESS C800/C700 delivers a better performance and gives you the opportunity to handle more demanding jobs without manual intervention and impact on your print room productivity.

Versatile media handling

Wide range of applications

The most outstanding and eye-catching applications depend on the creativity and the material used for the job, which includes a mix of different substrates. The imagePRESS C800/C700 has been designed to provide you with outstanding performance and impressive media handling. Thanks to its Elastic Intermediate Transfer Belt – which increases toner transfer efficiency, including on textured or recycled paper – the imagePRESS C800/C700 can handle heavyweight stocks and produce extensive applications ranging from leaflets to the highest-quality brochures and other marketing communications that will give you and your customer the return on investment desired.

Advanced feeding technology

The imagePRESS C800/C700 features a new multi-drawer paper deck with enhanced air separation technology and optimum roller pressure, which handles a wide variety of media and prevents multi feeds even of coated stock. This new piece of technology can blow air at different speeds based on the type of paper and weight, virtually eliminating paper jams and significantly increasing your print room's efficiency and productivity. Meet your productions deadlines to keep and increase your customer base thanks to a maximised machine uptime.



Advanced Twin belt Technology



Elastic Intermediate Transfer Belt

Smart flexibility

Choice of 3 innovative Workflows

The imagePRESS C800/C700 features three productive, innovative and intuitive workflows, offering the possibility to adapt to any printing environment. These three workflow solutions ensure that the requirements of CRD and Graphic Arts environments are met with the highest standards and quality:

1 Canon imagePRESS Printer Kit

Powerful and easy to use for production of high-quality print jobs

2 imagePRESS Server F200 & imagePRESS Server G100

Powerful, fast and intuitive EFI controllers with professional level colour management tools that lets you create prepress proofs, preflight and trouble shoot jobs and make last minute edits. You can simultaneously print, RIP and spool jobs to minimise down time, while support for Fiery fast variable data printing gives you the capability for high margin personalised printing

3 PRISMAsync iPR C800 Series A1

Offers a single point of control for your entire production with easy, intuitive operation and efficient task splitting, which clearly separates prepress and print production jobs to help you structure your work and increase your productivity in the print room. The unique Job Schedule feature puts predictability into your production. It tells you everything you need to know to keep the system running and avoid idle time. It features IPDS functionality that opens the door to the transaction printing market and more revenue avenues.

These 3 workflows will streamline your workflow allowing you to focus on your customers' needs and driving your business forward.

Extensive finishing capabilities

A comprehensive and automated choice of in-line finishing capabilities ensures excellent end-to-end productivity and opens up a wide range of business opportunities with the minimum manual intervention – helping you save time and money on every single job. Options available include:

- Booklet maker with three-knife trimming
- In line perfect binder
- Professional punch unit
- Folding unit
- High capacity stacker

For maximum flexibility, the imagePRESS C800/C700 is also compatible with a wide range of third party in line finishing devices, which maximises the opportunity of creating high value applications that are translated into more revenue for your business.



Scalable Small footprint

Saving space on the production floor has become increasingly important in recent years and with this in mind, Canon has created the imagePRESS C800/C700 with a compact and scalable design. Within this small footprint the imagePRESS C800/C700 features powerful technologies that offer the highest quality and productivity, together with scalable finishing options, that will meet all the requirements of any print room.

End-to-end Productivity. With the imagePRESS C800/C700 create high-value applications that will drive your business forward. These include eye-catching brochures, high-quality full bleed booklets, quality perfect bound books and many more.

11 imagePRESS SERVERS
Three productive, innovative
and intuitive workflows:

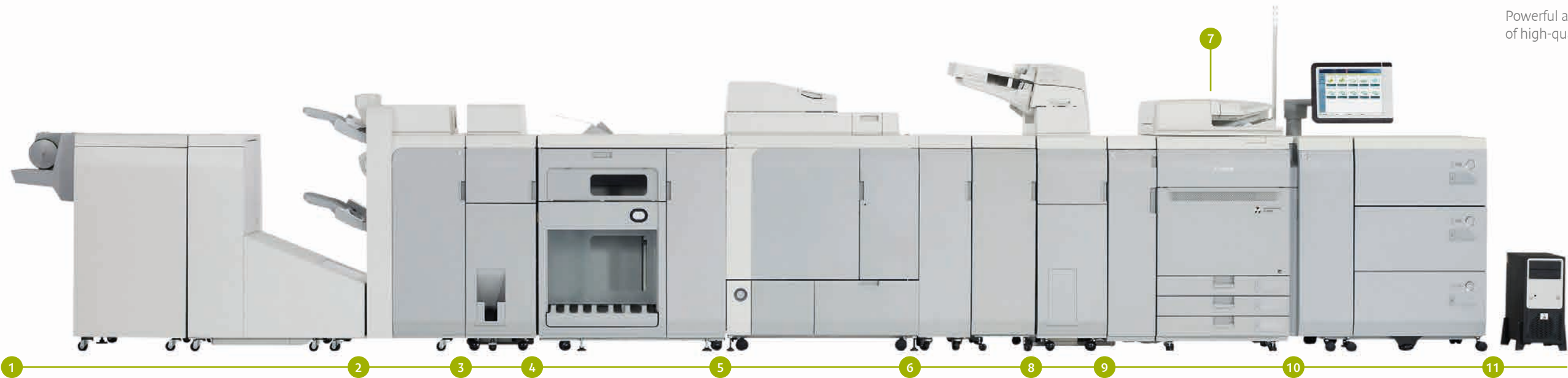


imagePRESS Server F200 (External) & imagePRESS Server G100 (Embedded)
Powerful, fast and intuitive EFI controllers with professional level colour management tools.



PRISMAsync iPR C800 Series A1
Intuitive design, single point of control for your entire production with easy and efficient task splitting.

Canon imagePRESS Printer Kit
Powerful and easy to use for production of high-quality print jobs.



1 Booklet trimmer
Enables a common edge to be created on booklets generated via the saddle finisher.
Two-Knife Booklet Trimmer
Add a further trimming accessory and three-sided trimming is possible, for a highly professional finish.



2 Finisher
The finisher has a capacity of 5,000 sheets and a stapling capacity of 100 sheets. Single and double stapling options are provided for added versatility.
Saddle Finisher
The booklet finisher carries out all the functions of the finisher but additionally enables you to produce outstanding saddle-stitched booklets of up to 100 pages (80 gsm).



3 Paper Folding Unit
The paper folding units allows to fold sheets in the following formats: Z-Fold, C-Fold, Accordion Z-fold, Double parallel and Half fold.



4 High Capacity Stacker
Allows heavyweight document production with a stacking capacity of 6,000 sheets. Interface to 3rd party finishers possible if optional DFD kit is installed.



5 Perfect binder
This enables quality perfect bound books to be created. Low temperature hot glue technology binds the book and cover, whilst precise 3-edge trimming creates a professional finish.



6 Professional Puncher
For advanced punching such as plastic comb, twin loop and pro click, the professional puncher can be configured. Punching patterns are available as die sets when can be easily changed by the user.



7 Duplex Colour Image Reader
Colour flatbed scan unit plus one-pass duplex automatic document feeder.



8 Document Insertion Unit
The document inserter enables heavy and pre-printed media from a different source to be added to jobs, for an added professional touch.



9 Main Unit
The imagePRESS C800 prints at 80 images per minute.
The imagePRESS C700 prints at 70 images per minute.
Both models can run at maximum speed on heavy stock up to 220gsm and produce duplex print jobs on 300 gsm media.



10 Multi-Drawer Paper Deck
The new Multi-Drawer paper deck features three paper drawers for a total capacity of 6,000 sheets. It contains 3 new technologies for a even more reliable feeding.



POD Deck Lite
A high-reliable paper deck with a capacity of up to 3,500 sheets.

Outstanding reliability

The imagePRESS C800/C700 delivers reliable performance, job after job and year after year. Built to last from robust and durable components and featuring a range of extensively new and proven technologies that deliver outstanding day-to-day reliability – you can rely on the imagePRESS C800/C700 to handle the toughest jobs and the shortest deadlines.

Services and support

Our support services can help you deliver innovative, high-quality digital print services to your customers and optimise your workflows to maximise production uptime, as well as help you raise the profile and profitability of your business. They include:

Canon Maintenance & Support Services

All-inclusive flexible maintenance contracts including remote, on-site and out-of-hours support can be provided by highly skilled technicians to help maintain your production schedules.

Canon Professional Services

Specialist teams of Project Managers, Colour Consultants, Solutions Consultants, Integration Specialists and training consultants are on hand to integrate and implement the right technology for your business.

Canon Supply & Installation Services

Getting you up and running with genuine Canon parts, consumables and media to ensure the best performance of your Canon solutions.



Canon expertise

You can profit from Canon's proven expertise to get the most out of your colour investment. We have over 70 years heritage and experience in the design and development of innovative imaging technology and continuously invest in making sure that you can take advantage of the latest advances.

Through extensive conversations with customers like you, we also understand your business needs – so you can rely on our support and expertise to deliver new ideas and applications that will inspire your customers and improve the productivity and profitability of your business.



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