

you can
Canon

imagePRESS C1+
Digital Colour Printing
and Proofing

Revolutionary digital colour
that adds another dimension

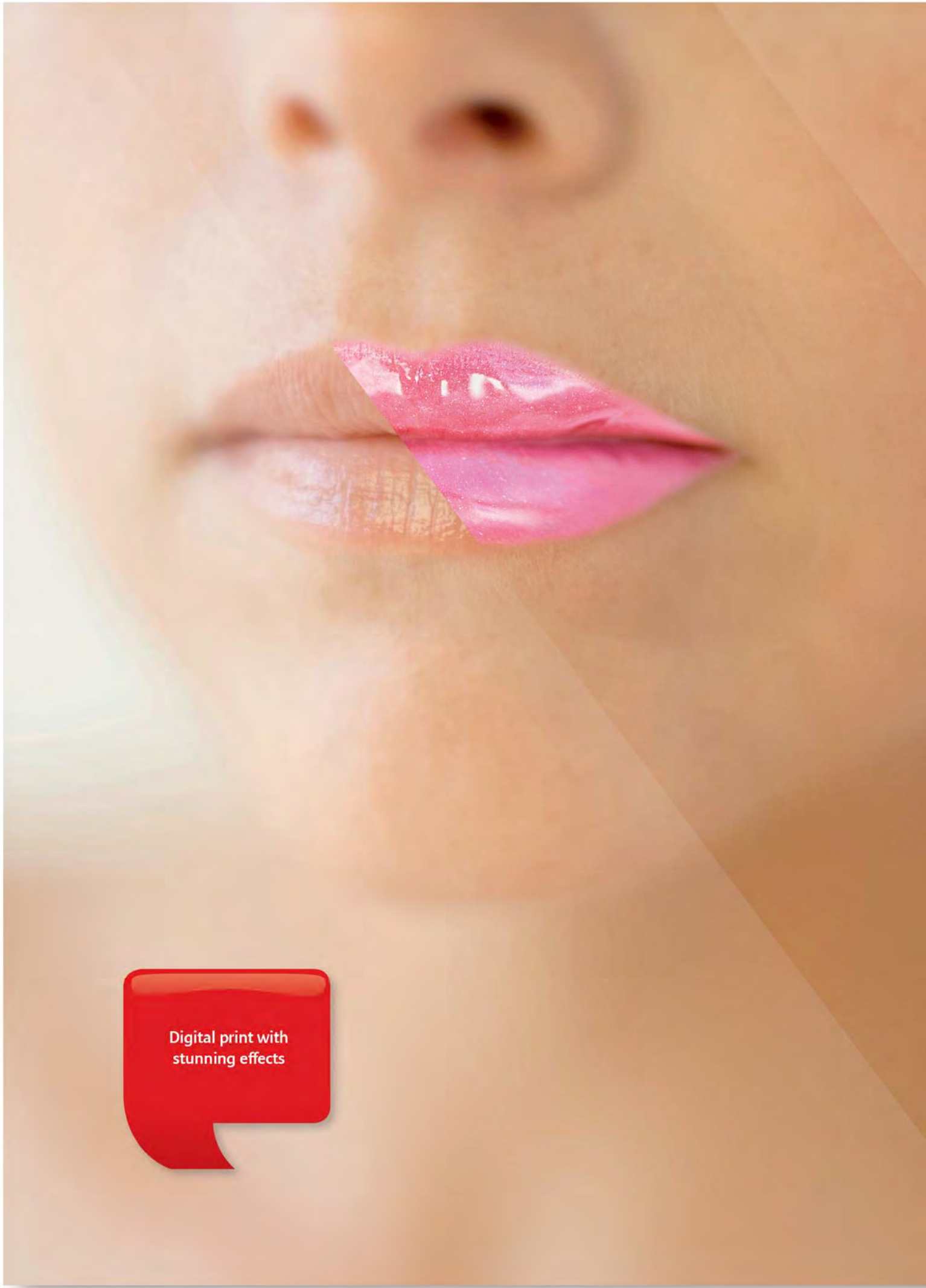


imagePRESS C1+

COLOUR



imagePRESS



Digital print with
stunning effects

How do you better print quality that's already universally well regarded? By adding another dimension that makes you really stand out. Canon's imagePRESS C1+ incorporates an ingenious clear toner system capable of producing a range of innovative new print effects.

Now you can really stand out from the crowd

Unbeatable quality

The imagePRESS C1+ builds on the success of its predecessor to bring you a proofing engine and short run production printer that has no equals. Years of painstaking research have resulted in a digital device that produces high quality prints that are comparable to offset production - but without the cost and quantity commitments. With production speeds of 14 ppm in colour and 60 ppm in black and white, the imagePRESS C1+ is the viable, digital alternative.

Step into a new dimension

Our new innovation takes your printing into another dimension. A transparent and clear toner is incorporated as part of Canon's brilliant V-toner system, allowing you to achieve print capabilities never before seen on a digital device in the light production market. This ingenious toner allows you to create stunning effects such as metallics, spot matt coating and watermarks - fantastic ways to attract new customers.

A fantastic opportunity for:

Copy shops

Quick printers

Commercial printers

Creative services and design agencies



An innovative new toner system is the driving force behind Canon's imagePRESS C1+. This ingenious system helps create exceptional prints with a look and feel that's comparable to offset production. And it features a unique clear toner that opens the door to some extraordinary possibilities.

Ingenious toner that adds something different

Revolutionary new V-toner

Traditional toner is either pulverised or polymerised. Pulverised toner tends to deliver a wide colour gamut but can result in an undesirable shiny image. Polymerised toner on the other hand, produces a preferred matt finish, but with a smaller colour gamut.

With Canon's new Vivid (V) toner, we've discovered a way to combine the best elements of both technologies with a system that delivers a very high colour gamut, exceptional consistency and stability, and produces a desirable matt finish.

Amazing new clear toner

In today's competitive market it makes a huge difference if you can offer something unique. Canon's amazing new clear toner technology helps you do it. Clear toner has different properties from traditional toner technology and is completely transparent enabling you to produce some amazing new effects in your printed documents. As part of an innovative 5-colour system it helps you offer a new dimension of exciting products for your customers.

Incredible quality for:

Proofing and productive printing: Instantly create "sign-off ready" proofs for multi-page publications, such as magazines and journals. Create mock-ups, ad layouts and other single page requirements too.

Short run colour: Offer fast turnaround jobs with a range of exciting new capabilities using metallics.

Print-on-demand: Help your customers by regularly printing their reports with information that frequently changes such as monthly sales figures.

Personalised printing and Customised Printing: Utilising Variable Data Print software you can use the imagePRESS C1+ to offer expanded services for your print operation.



Enjoy the head-turning effects of clear toner



Break free of
conformity with the
imagePRESS C1+

Now your customers will see you in a whole new light with the brilliant imagePRESS C1+. By offering additional print services such as vouchers with security proof watermarks and business cards with metallic characters, you can move your business into the next dimension.



Achieve brilliant new effects

Endless possibilities

The imagePRESS C1+ gives you the flexibility to be incredibly creative. For example, coated media up to 256 gsm can be used to create A4 colour booklets with full-bleed covers. Or documents can be created using printed tabs for a highly professional finish. Use the v-fold and Canon's clear toner to offer a raft of new capabilities:

Metallic effects – Combine clear toner with a CMYK light halftone to create metallic characters. Use these effects to create high quality invitations that help your customers get noticed and make the right impression.

Watermarks – Use clear toner to create watermarks on vouchers and tickets. The watermark provides excellent, cost effective security against forgery, disappearing should anyone attempt to make a copy.

Spot matt – Apply clear toner to a pre-printed CMYK page to create impressive matt effects, depending on the media used.

Gloss coating – Use clear toner to enhance images and text, adding value and impact to your documents.

Reverse matt coating – Print clear toner on high gloss areas to create a matt effect. The difference between the gloss and matt creates areas that really stand out – great with shapes on packaging and greeting cards.

Flood matt coating – Apply clear toner to a large area or full page to provide effects that help protect output from scratches and minor effects of water.

Creating special effects – Two methods exist for creating these incredible effects. A 1-pass process allows for high registration accuracy. Alternatively, a CMYK 4-colour print can be created and then overprinted with clear toner on a second pass, enabling spot coating effects to be generated.

Media library for optimum results

The imagePRESS C1+ incorporates a comprehensive media library which allows you to specify the exact media being used in a particular job. The device then automatically fine-tunes the print parameters, such as adjusting the fusing temperature or toner density, ensuring optimum results with every type of substrate.

imagePRESS C1+ Clear toner

Metallic-like finish, using gradient of colour and clear toner

Capable of Spot, Flood and Watermarks



By re-evaluating the entire production process, we've been able to add new technology which produces the highest quality colour production available, but also makes your life a lot easier too.

Stunning innovations add the finishing touch

Offset-like production

Instead of the conventional two rollers used in traditional fixing processes, the imagePRESS C1+ uses only one, and a belt. In this way, heat can be applied to a larger area of the media at lower temperatures. With less stress on the media no fuser oil is required, preventing blistering, streaking or over glossy prints, and helping create offset-like production.

Accurate proofing system

For instances where there is a need to simulate offset production, the imagePRESS C1+ is capable of simulating halftones instead of contones. Using one of eight different "screening patterns", each pattern determines the appearance and resolution of the final image. This allows the imagePRESS C1+ to operate as a dependable proofing system in any production process.

Precision printing

The imagePRESS C1+ uses twin red lasers which are more accurate than infrared equivalents. This means 600 x 600 dpi for images and graphics and 1,200 x 1,200 dpi printing for text and lines. Advanced Smoothing technology smoothes out any jagged edges for exceptionally precise final prints.

Exceptional image consistency

The surface of certain media, analysed close-up, is rough and uneven. With many digital processes, the belt which transfers images from the drum to the media is hard, so toner is dispersed unevenly and image consistency is affected. Canon's innovative Advanced Image Transfer Belt (AITB) system overcomes this by employing a partially elastic belt, which adjusts to form a near perfect match with the media being used, evenly dispersing the toner for exceptional image consistency on a huge variety of substrates.

Outstanding image stability

An advanced image stability control system provides stable supplies of the appropriate amounts of toner, achieving superb colour consistency over long run lengths. Canon's ARCDAT (Automatic and Reciprocal Colour Density Adjustment Technology) calibration process calculates the patch density between every sheet on the transfer belt and makes real-time adjustments, saving time and effort.



The brightest images
imaginable

The perfect dimensions for your print environment

The imagePRESS C1+ redefines colour proofing and printing. And it also provides powerful multifunctional capabilities with added security to protect the integrity of your workflow. Design modularity allows you to create the system that best meets the needs of your print environment.

A number of different finishing options are available;

1 Finisher

Three trays provide a 4,000 sheet capacity for lengthy production jobs. 50 sheet stapling is provided and up to 100 sets can be produced at a time.

2 Saddle finisher

An alternative to the Finisher, the Saddle finisher can additionally create 15 sheet booklets (60 pages) up to an impressive A4 in size.

3 Puncher unit (optional)

To complement either finisher, the Puncher unit enables 2 or 4 hole punching for media up to A3 in size.

4 DADF (optional)

For fast and easy scanning and printing – including duplexing – the DADF handles up to 100 sheets. It can handle media up to 200 gsm and sizes up to A3.

5 Colour scanner (optional)

The scanner gives you high speed scanning in colour at up to 70 ipm. Scanned documents can be sent to email addresses, file locations and even database applications.

6 Paper drawers

4 x 550 sheet drawers are provided with user-changeable sizes between A5R-SRA3.

7 Stack Bypass

The generous 100-sheet bypass accommodates a wide variety of media up to 256 gsm and sizes up to SRA3– use it for coated media, irregular sheet sizes and tab stock.

8 Paperdeck (optional)

An additional 3,500 sheets can be configured to create a production capacity of 5,800 sheets from 6 separate paper sources. The paperdeck can reliably feed media up to 256 gsm.

9 Servers (optional)

Two server options provide exceptional results with the imagePRESS C1+. An embedded T1 controller delivers dependable results and, for top-end performance, the imagePRESS Server Q2 delivers seamless workflow management and comprehensive colour control.

Finishing available



Group & collate



Stacking



Stapling



Tab printing



V fold



Saddle stitch
Booklet creation



Hole punching
(2 & 4 holes)

Powerful workflow and management tools

The intuitive WYSIWIG interface from Command WorkStation®, simplifies complex jobs, regardless of the operator's skill level. Powerful imposition capabilities allow users to easily create a huge variety of complex booklets. An optional Graphic Arts Package provides sophisticated tools for managing colour, proofing and controlling workflow.

And demanding production environments will appreciate the Production Printing Package featuring make-ready tools that set new standards in control, flexibility, productivity and reliability.



Add exactly what you need

Take your
business to a different
dimension with the
imagePRESS C1+



you can
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