imagePRESS C800, imagePRESS C700

New levels of quality and productivity in colour production

A powerful and versatile colour production press, the innovative imagePRESS C800/C700 delivers new levels of quality and productivity across a huge range of media and a wide choice of finishers.

END-TO-END PRODUCTIVITY ACROSS AN EXTENSIVE MEDIA RANGE

AUTOMATIC DUPLEX PRINTING UP TO 300 GSM

SPEEDS UP TO 80 IPM

EXCEPTIONAL IMAGE QUALITY

HIGHLY ACCURATE REGISTRATION

INNOVATIVE CONSISTENTLY VIVID (CV) TONER

3 POWERFUL WORKFLOW OPTIONS

FLEXIBLE FINISHING CAPABILITIES

Innovative colour production

This powerful colour production device incorporates a range of innovative technologies with a small but scalable footprint, to reliably deliver outstanding quality, excellent end-to end productivity, smart flexibility and versatile media handling. It offers an excellent return on investment – bringing time and cost savings to demanding CRDs and revenue generating opportunities to Graphic Arts environments.

Exceptional print quality

Innovative technologies ensure class-leading print quality without compromising on productivity. Canon's newly developed consistently vivid (CV) toner improves transfer efficiency for enhanced colour consistency and accuracy across a wide variety of media. It features a new compact and highly accurate registration technology that assures best-in-class results whether printing 1 sheet or thousands. Meanwhile the VCSEL laser unit achieves an exceptional 2,400 dpi resolution enabling even higher precision in the printing of text and images. It also features several halftone screen patterns for increased flexibility and optimised quality closer to offset. These technologies, together with enhanced colour calibration, deliver the required print quality for even the most demanding environments.

Maximum productivity

The imagePRESS C800/C700 consistently delivers impressive production speeds of up to 80 ipm on a wide range of media. It can run at maximum speed on heavy stock up to 220gsm and quickly and effortlessly print duplex jobs on 300 gsm media. Major enhancements in the belt fusing technology allow you to print complex jobs on a wide range of substrates. On uncoated stocks in particular, it will outclass any other machine in the light production category.

Smart flexibility

Three productive, innovative and intuitive workflows are available: EFI, PRISMAsync and Canon. The Canon solution is powerful and easy to use for high-quality print jobs. The EFI controllers deliver powerful, fast performance and supports Fiery variable data printing for high margin personalised printing. The PRISMAsync controller offers a single point of control for your entire production, thanks to its intuitive operation and efficient tasks splitting.

Versatile finishing

This imagePRESS delivers excellent end-to-end productivity with an extensive choice of finishing capabilities: booklet making with three-knife trimming; in line perfect binding; high capacity stacking; multiple folding options; plus third-party in-line finishers.

imagePRESS

Canon

GENERAL SPECIFICATIONS

Print Speed	imagePRESS C800: up to 80 ppm imagePRESS C700: up to 70 ppm
Recommended monthly volume	imagePRESS C800: 20,000 to 100,000 pages (A4) imagePRESS C700: 20,000 to 80,000 pages (A4)
Maximum monthly peak volume	imagePRESS C800: Up to 500,000 pages (A4) imagePRESS C700: Up to 400,000 pages (A4)
Registration tolerance	Front to Back: 1.0 mm or less
Printing method	Colour Laser Beam Printing
Print resolution	2,400 dpi x 2,400 dpi, 256 gradations
Paper capacity	Standard: 3 x 550-sheet cassettes (80 gsm) Option: 100-sheet multi-purpose tray POD Deck Lite-B1: 1 x 3500 sheet side paper deck (A4/A3/SRA3) Multi-drawer paper deck B1: 1 x 6,000 sheet (3 x 2,000 sheets - A4/A3/SRA3)
Maximum paper input capacity	7,650 sheets (A4/A3)
Maximum paper output capacity	11,200 sheets (A4 80 gsm)
Supported media types	Cassettes: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Bond, Letterhead, Tab paper*, Transparency, Envelopes** Multi-purpose tray: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Coated paper, Pre-punched paper, Tab paper, Bond, Transparency, Label, Envelopes, Letterhead Optional Paper deck: Thin paper, Plain paper, Recycled paper, Colour paper, Heavy paper, Pre-punched paper, Coated paper , Textured, Bond, Transparency, Label, Letterhead, Tab paper***, Envelopes * Requires Tab feeding attachment ** Requires Envelope feeding attachment ** Requires Multi Drawer Paper Deck B1
Supported media sizes	Paper cassette 1, 2 & 3: Standard size: A4, A4R, A5R, A3, SRA3, 13"x19" (330 x 483 mm) Free size: 100 mm x 148 mm to 330.2 mm x 487.7 mm Multi-purpose tray: Standard size: A4, A4R, A5R, A3, SRA3, 13"x19" (330 x 483 mm) Free size: 100 x 148 mm to 330.2 x 487.7 mm Envelopes: No.10 (COM10), Monarch, ISO-C5, DL
Supported media weights	Cassettes: 52 to 220 gsm Multi-purpose tray/Optional Paper deck : 52 to 300 gsm Duplex: 52 to 300 gsm
Warm-up time	Approx. 360 seconds
Interface type	USB 2.0 Hi-speed Ethernet: 1000 Base-T/100Base -TX/10Base-T Standard: 2 x USB Host
Network protocols	TCP/IP* (LPD/Port 9100/WSD/IPP/IPPS/SMB/FTP), IPX/SPX (NDS, Bindery), AppleTalk *IPv4/IPv6 support
Processor speed	1.66 GHz (SOC ARM 1136JF-S 400 MHz ARM 946 200 MHz)
Memory	1.5GB (SOC 2GB)
Hard Disk Drive	Standard 1TB Hard Disk Drive
Control panel (EFI/Canon PS/PCL)	Upright Control Panel D1: 26.4 cm (10.4 inch) TFT SVGA LED Backlight Colour Uplight Touchscreen
Control panel (PRISMAsync)	Operating Panel-B1: 15 inch touch panel screen
Dimensions (W x D x H)	1,952 mm* x 934 mm x 1,424 mm** (W x D x H) * Includes Operator Panel and Output tray option ** Includes Operator Panel Height to ADF is 1,222.2mm
Minimum Installation space (W x D)	1,952 (W) x 1,624 (D) mm
Weight	Approx 316kg *includes ADF
Operating environment	Temperature: 20 to 27ºC (50 to 86ºF) Humidity: 15 to 60 % RH (no condensation)
Power Source	220-240 V (±10 %), 50/60 Hz (±2 Hz), 16A x 2 *All Europe 220-240 V (±10 %), 50/60 Hz (±2 Hz), 13A x 2 *UK
Power Consumption	Maximum: Approx 1,560W (at power supply) or less + 2,500W (at fusing unit) or less Standby: Approx. 1.0Wh or less Sleep mode: Approx. 1.5Wh or less Typical Electricity Consumption (TEC) rating: 10.6kwh in imagePRESS C800 80ppm, 9.7kwh in imagePRESS C700 70ppm
Noise Levels	Sound Pressure - Active: 75dB or less, Standby: 56dB or less

FIERY PRINT CONTROLLER SPECIFICATIONS

Optional / Standard	Optional
Name	imagePRESS Server F200 (External Fiery based server) imagePRESS Server G100 (Embedded Fiery based server)
Page Description Languages	PCL5/6 (Driver & utility support : Only for embedded/ PCL interpreter is available on external Fiery server) Adobe PostScript Level 3
Resolution	1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi
Memory	External Fiery based server: 2 x 2 GB Embedded Fiery based server: 1 x 2 GB
Hard Disk Drive	External Fiery based server: 1 x 1 TB Embedded Fiery based server: 1 x 500 GB
Processor Speed	External Fiery based server: Up to 3.1 GHz (Intel Core i5 2400) Embedded Fiery based server: 2.9 GHz (Intel Pentium G850)
Fonts	138 Adobe PS fonts, 113 PCL fonts, 32 barcode
Supported Operating Systems	Windows XP, Server 2003, Server 2008, Server 2008R2, Server 2012, Vista, 7, 8, 8.1 MacOS 10.5, 10.6, 10.7,10.8, 10.9
Interface	Ethernet 1000 Base-T/100Base-TX/10Base-T, USB, DVI connector (only for F200), DSUB 15pin connector (Only for G100)
Network protocols	TCP/IP, AppleTalk (only support font downloader), Bonjour, SNMP, IPP, FTP, SMB, IPv6,WSD (minimum support to achieve WHQL certification)
EFI accessories (Optional)	Fiery Impose/Compose, GA Package Premium Edition (For F200), Productivity Package (For G100), Removable HDD Kit (For F200)

PRISMASYNC CONTROLLER SPECIFICATIONS

Optional / Standard	Optional
Name	PRISMAsync iPR C800 Series A-1
Page Description Languages	Postscript L3, PDF 1.7, IPDS (transactional), PCL/PJL (transactional)
Resolution	PS/PDF: 600 x 600 dpi or 1,200 x 1,200 dpi, transactional PCL: 600 x 600 dpi, transactional IPDS: 600 x 600 dpi
Memory	4x 4GB DDR3
Hard Disk Drive	3 x 3.5" SATA II, 250 GB, 7200 RPM
Processor Speed	Intel® QuadCore™ i7, 2.8 GHz
Fonts	136 Type1 fonts for roman languages User import of PS fonts via Settings Editor Optional Adobe Asian fonts: Japanese: 5 fonts Chinese: 2 fonts for simplified Chinese, 1 font for traditional Chinese Korean: 1 font for Korean
Supported Operating Systems	Supported operating systems (printer drivers): Windows Vista (32/64 bit), 7 (32/64 bit), Server 2003 (32/64 bit), Server 2008 (32/64 bit), Server 2008R2 (64 bit), Server 2012R2, 8 (32/64 bit) MacOS 10.6 (32/64 bit), MacOS 10.7 (32/64 bit), MacOS 10.8 (64 bit), MacOS 10.9 (64 bit)
Interface	Ethernet (10/100/1000 Base-T), USB for files via operator panel, DVI for connection of operator panel
Network protocols	TCP/IP, including static/auto IP (DHCP) SNMP v1/v2c/v3, Host resources MIB, System group MIB II, Printer MIB, Job Monitor MIB submission via lpr, hotfolders, socket, SMB, IPP, JDF/JMF (via adapter)

SCAN SPECIFICATIONS

Name	Duplex Colour Image Reader Unit H1
Description	Optional colour flatbed scan unit and 300-sheet duplex automatic document feeder (One-Pass Duplex Scan)
Type	Colour flatbed plus one-pass duplex automatic document feeder
Supported media sizes	A3, A4, A4R, A5, A5R, Free sizes (W x L): Min. 139.7 mm x 128 mm, Max. 432 mm x 304.8 mm
Supported media weights (BW/CL)	Single-sided scanning (BW/CL): 38 to 220 gsm/64 to 220 gsm; Double-sided scanning (BW/CL): 50 to 220 gsm/64 to 220 gsm
Scan resolution	Copy: 600 dpi x 600 dpi Send: 600 dpi x 600 dpi / 300 dpi x 300 dpi
Duplex scanning	2-sided to 2-sided (Automatic)
Scan Speed	Single-sided (A4, 300 dpi): (BW/CL) 120/120 ipm* Double-sided (A4, 300 dpi): (BW/CL) 200/140 ipm * Single-sided (A4, 600 dpi): (BW/CL) 120/70 ipm* Double-sided (A4, 600 dpi): (BW/CL) 120/70 ipm * *When PRISMAsync RIP is connected : Single-sided & Double-sided (A4, 600 dpi): (BW/CL) 70/70 ipm

COPY SPECIFICATIONS

Copy speed (BW/CL)	80 ppm model: Up to 80/80 ppm (A4/A5R), up to 62ppm (A4R) 70 ppm model: Up to 70/70 ppm (A4 / A5R), up to 54 ppm (A4R)
First Copy Output Time (FCOT) (BW/CL)	Colour: Approx 7.7 sec BW: Approx. 6.9 sec
Copy resolution	Reading: 600 dpi x 600 dpi Printing: 2400 dpi x 2400 dpi

INPUT SPECIFICATIONS

POD Deck Lite B1	Paper Size: A3, A4, A4R, A5R, SRA3, 13"x19", Free size (139.7 mm x 148 mm to 330.2 mm x 487.7 mm) Paper Weight: 52 to 300 gsm Paper Capacity: 3,500 sheets (80 gsm) / 4,000 sheets (64gsm) Dimensions (W x D x H): 717 mm x 686 mm x 568 mm Weight: Approx. 76 kg
Multi-Drawer paper deck B1	Paper Size: A3, A4, A4R, A5R, SRA3, 13"x19", Free size (139.7 mm x 182 mm to 330.2 mm x 487.7 mm) Paper Weight: 52 to 300 gsm Paper Capacity: 3 x 2000 sheets, total 6000 sheets (80 gsm)/3 x 2200 sheets, total 6600 sheets (64 gsm) Dimensions (W x D x H): 950 mm x 797 mm x 1098 mm Weight: Approx. 155 kg

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OUTPUT SPECIFICATIONS

Staple Finisher-T1	Compatible only with the imagePRESS C700 Tray Capacity: Upper Tray (A) Capacity: A4/A4R/A5R 1,300 sheets, A3 650 sheets, SRA3/13"x19" 650 sheets Lower Tray (B) Capacity: A4 2,450 sheets, A4R 1,700 sheets, A3 650 sheets, SRA3 650 sheets Paper Weight: 52 to 300 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets Dimensions (W x D x H): 644 mm (Max 761*) x 656 mm x 1,121 mm *when the auxiliary tray is extended. Weight: Approx. 48 kg
Booklet Finisher-T1	Compatible only with the imagePRESS C700 Tray Capacity: Upper Tray (A) Capacity: A4/A4R/A5R 1,300 sheets, A3 650 sheets, SRA3/13"x19" 650 sheets Lower Tray (B) Capacity: A4 2,450 sheets, A4R 1,700 sheets, A3 650 sheets, SRA3 650 sheets Paper Weight: 52 to 300 gsm Staple Position: Corner, Double Staple Capacity: A4: 50 sheets, A3/A4R: 30 sheets Booklet stitch paper size: A3, A4R Booklet stitch staple capacity: 16 sheets (80 gsm) Dimensions (W x D x H): 644 mm(Max 761*) x 656 mm x 1,121 mm *when the auxiliary tray is extended. Weight: Approx. 72 kg
Finisher AM1	Tray Capacity: Upper Tray (A) Capacity: A4/A4R/A5R 1,000 sheets, A3 1,000 sheets, SRA3/13"x19" 1,000 sheets Lower Tray (B) Capacity: A4 4,000 sheets, A4R 2,000 sheets, A3 1,500 sheets, SRA3 1,000 sheets Paper Weight: 52 to 300 gsm Staple Position: Corner, Double Staple Capacity: A4: 100 sheets, A3/A4R: 50 sheets Dimensions (W x D x H): 800 mm x 792 mm x 1,239 mm Weight: Approx. 130 kg
Booklet Finisher AM2	Tray Capacity: Upper Tray (A) Capacity: A4/A4R/A5R 1,000 sheets, A3 1,000 sheets, SRA3/13"x19" 1,000 sheets Lower Tray (B) Capacity: A4 4,000 sheets, A4R 2,000 sheets, A3 1,500 sheets, SRA3 1,000 sheets Paper Weight: 52 to 300 gsm Staple Position: Corner, Double Staple Capacity: A4: 100 sheets, A3/A4R: 50 sheets Booklet stitch paper size: A3, A4R,SRA3, 13"x19", Free size 210x279.4 mm to 330.2x487.7 mm Booklet stitch staple capacity: 25 sheets (80 gsm) Dimensions (W x D x H): 800 mm x 792 mm x 1,239mm Weight: Approx. 180 kg
Booklet Trimmer D1	Requires Booklet Finisher Trim Width: 2-20mm Trim Thickness: Up to 50 sheets (includes Cover) Acceptable Paper Weight: 52 to 300g/m² Dimensions (W x D x H):1,575mm x 770mm x 1,040mm Weight: Approx 152 kg
Two-Knife Booklet Trimmer A1	Requires Booklet Finisher Trim Width: 2-15 mm Trim Thickness: Up to 50 sheets (includes Cover) Acceptable Paper Weight: 52 to 300 gsm Dimensions (W x D x H): 536 mm x 770 mm x 1,040 mm Weight: Approx 145 kg

External 2/4 Hole Puncher-C1	Requires either the Staple or Booklet Finisher-T1. Compatible only with the imagePRESS C700 Punch Hole type: 2 holes and 4 holes (FRN) selectable Acceptable Punch Paper Weight: 52-256 gsm Acceptable Punch Paper Size: 2 holes: A3, A4, A4R, Free size (182 x 182 to 297 x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 x 182 mm to 297 x 432 mm) Weight: Approx. 7.7 kg
External 4 Hole Puncher-C1	Requires either the Staple or Booklet Finisher-T1. Compatible only with the imagePRESS C700 Punch Hole type: 4 holes (Swe) Acceptable Punch Paper Weight: 52-256 gsm Acceptable Punch Paper Size: 2 holes: A3, A4, A4R, Free size (182 x 182 to 297 x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 x 182 mm to 297 x 432 mm) Weight: Approx. 7.7 kg
Punch Unit BT1 / BU1	Requires either the Booklet Finisher AM2 or Finisher AM1 Punch Hole type: BT1: 2 holes and 4 holes (FRN) selectable, BU1: 4 holes (Swe) Acceptable Punch Paper Weight: 52-300 gsm Acceptable Punch Paper Size: 2 holes: A3, A4, A4R, Free size (182 x 182 to 297 x 432.0 mm) 4 holes: A3, A4, Custom size, Free size (257 x 182 mm to 297 x 432 mm) Weight: Approx 7.7 kg
Document Insertion Unit M1	Number of trays: 2 trays Paper size: A3, A4, A4R, SRA3, 13"x19", Free size (182 x 182 mm to 330.2 × 487.7 mm) Paper Weight: 52 to 300 gsm Paper Capacity: 200 sheets x 2 trays (80 gsm) Dimensions (W x D x H): 336 mm (746mm including Tray) × 793 mm × 1407 mm Weight: 61 kg
High Capacity Stacker G1	Paper Size: A3, A4, A4R, A5R, SRA3, 13"x19", Free size (140 × 182 mm to 330.2 × 487.7 mm) Paper Weight: 52 to 300 gsm Output Capacity Stack tray: 6,000 sheets (80 gsm) in two stacks of 3,000 sheets each Top Tray: 200 sheets Dimensions (W x D x H): 899 mm × 792 mm × 1,040 mm Weight: Approx. 120 kg
Output Tray A1	Paper Size: All available size on marking engine Paper Weight: 52 to 300 gsm Output Capacity: 250 sheets at simplex print-ing/100 sheets at duplex printing Dimensions (W x D x H): 422 mm × 382 mm × 175 mm Weight: Approx. 1.2 kg
Paper Folding Unit F1	Z-Fold: Paper Size: A3, A4R, Paper Weight: 52 to 105 gsm C-Fold: Paper Size: A4R, Paper Weight: 52 to 105 gsm Accordion Z-fold: Paper Size: A4R, Paper Weight: 52 to 105 gsm Double parallel: Paper Size: A4R, Paper Weight: 52 to 90 gsm Half fold: Paper Size: A4R, Paper Weight: 52 to 105 gsm Output Capacity: C-Fold and Accordion Z-fold: 40 sheets, Double parallel: 25 sheets Dimensions (W x D x H): 336 mm × 793 mm × 1190 mm Weight: Approx. 71 kg
Perfect Binder D1	Booklet size: Width: 203 to 297 mm, Length: 138 to 216 mm Booklet thickness: Up to 25 mm Cutting Range: Top/bottom: 6.5 to 39.5 mm at each edge, foredge: 6.5 to 49.5 mm Body pages: Number of Sheets: 10 to 200 sheets (80 gsm) Sizes: A4, SRA4, Free size (Width: 257 to 320 mm, Length: 182 to 228.6 mm) Paper weight: 52 to 163 gsm* (*106 to 163 gsm: up to 10 sheets as inserted paper) Cover: Number of Sheets: 1 sheet Sizes: A3, SRA3, Free size (Width: 257 to 330.2 mm, Length: 364.0 to 487.7 mm) Paper weight: 91 to 300 gsm Tray capacity: Approx.127 mm or total approx.1,000 sheets of paper as a total Dimensions : 922 x 791 x 1,300 mm Weight Approx. 306 kg Power : 240V, 2.6A
Professional Puncher B1	Requires either the Booklet Finisher AM2 or Finisher AM1, Professional Puncher Integration Unit B1 Acceptable Punch Paper Weight: 75-216 gsm (Plain paper), Pro Click:75-176 gsm, Acceptable Punch Paper Size: A4 Punch Tools: Plastic Comb 21-Hole, Twin Loop 23-Hole (Round), Twin Loop 34-Hole (Round), Color Coil 47-Hole, Velo Bind 12-Hole, Loose Leaf 4-Hole Punch, Loose Leaf 2-Hole Punch, Loose Leaf 4-Hole (Swedish), Loose Leaf 3-Hole, Pro Click 34-Hole Dimensions (W x D x H): 305 mm × 792 mm × 1040 mm Weight: Approx. 80 kg
Professional Puncher Integration Unit C1	Requires Professional Puncher B1 Dimensions: 250 × 792 ×1040 mm Weight: Approx. 40 kg

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