

•
The first office printer with production print technology and exceptional quality, which integrates seamlessly and securely into any environment



Exceptional print quality

- Innovative technologies ensure exceptional print quality
- Enhanced colour consistency and accuracy with Consistently Vivid (CV) toner
- Exceptional 2,400 dpi resolution for precision printing
- Multi-dimensional mixed colour calibration with Auto Correct Colour Tone (ACCT)
- Real time colour calibration
- Optimised toner transfer efficiency for impressive prints on a wide range of media, including heavy structured stock
- Compact and highly accurate registration technology

- The first office printer with production print technology and exceptional quality, which integrates seamlessly and securely into any environment

Secure printing

- Keep your information confidential throughout document workflows
- Standard and optional features for device, network and document security
- Control access and usage with features such as secure print and pin release
- Password protect PDFs
- Secure data storage
- Optional data encryption

Seamless integration and management

- Seamless integration into your existing and future office workflows
- Support for industry IT standards such as PCL and Genuine Adobe Postscript®*
- Easy configuration, management and upgrading
- Automated capture of meter readings, consumables management and diagnostics
- Integration with solutions such as uniFLOW, eCopy and many other document capture and output management software



* Optional

** Typical Energy Consumption. Methodology defined by ENERGY STAR (www.eu-energystar.org)

Maximum productivity

- Up to 60 A4 pages per minute
- Exceptional production speeds on heavy coated stock and mixed media
- Effortless duplex printing on up to 300 gsm media with media sizes up to SRA3
- Efficient information capture, search and re-use
- Flexible mobile printing and scanning options maximise business efficiency
- Excellent reliability for uninterrupted production
- Choice of productive and intuitive EFI and Canon controllers



Advanced cost control

- Easily identify potential cost savings
- Support for Canon's uniFLOW software
- Track, and charge, specific print jobs to individuals, departments and projects
- User-based monitoring and reporting

Sustainable by design

- Highly energy efficient
- ENERGY STAR® qualified
- Class-leading TEC** rating



PRINTER SPECIFICATIONS

Print speed (BW/CL)
Recommended monthly volume
Maximum monthly peak volume
Registration tolerance
Printing method
Print resolution
Paper capacity

Up to 60 ppm
 From 15,000 to 60,000 pages (A4)
 Up to 350,000 pages (A4)
 Front to Back: 1.0 mm or less
 Colour laser beam printing
 2,400 dpi x 2,400 dpi, 256 gradations
 Standard:
 3 x 550 sheet cassettes (80 gsm)
 Options:
 100-sheet multi-purpose tray
 POD Deck Lite-B1:
 1 x 3,500 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)
 7,650 sheets (A4 / A3)
 4,000 sheets (A4 80 gsm)

Maximum paper input capacity
Maximum paper output capacity
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 decks:
 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

Supported media sizes

Paper cassette 1, 2 & 3:
 Standard size: A4, A4R, A5R, A3, SRA3, 13" x 19" (330 mm 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" x 19" (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
 Cassettes: 52 to 220 gsm
 Multi-purpose tray / Optional Paper deck: 52 to 300 gsm
 Duplex: 52 to 300 gsm

Supported media weights

Cassettes: 52 to 220 gsm
 Multi-purpose tray / Optional Paper deck: 52 to 300 gsm
 Duplex: 52 to 300 gsm

GENERAL SPECIFICATIONS

Warm-up time
Interface type

Approx. 360 seconds
 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

1.5 GB (SOC 2 GB)

Hard disk drive

Standard 1 TB 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

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 1,222.2 mm)

Installation space (W x D)

1,952 (W) mm x 1,624 (D) mm

Weight

Approx. 316 kg *includes ADF

Operating environment

Temperature: 20 to 27°C (50 to 86°F)
 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. 1,560 W (at power supply) or less + 2,500 W (at fusing unit) or less
 Standby: Approx. 1.0 Wh or less
 Typical Electricity Consumption (TEC) rating: 8.6 kwh
 Energy consumption (sleep mode): 1.5 Wh or less
 Time to sleep mode: 5 minutes
 Time to put the device to plugin-off: 4 hours
 Sound Pressure
 Active: 75 dB or less, Standby: 56 dB or less

Noise levels

FIERY PRINT CONTROLLER SPECIFICATIONS

Optional / Standard
Name

Optional
 imagePRESS Server G100 (Embedded Fiery based server)
 imagePRESS Server F200 (External Fiery based server)
 PCL5/6 (driver & Utility support : only for embedded)
 Adobe PostScript Level 3

Page description languages

1,200 dpi x 1,200 dpi, 600 dpi x 600 dpi

Resolution

Embedded Fiery based server: 1 x 2 GB

Memory

External Fiery based server: 2 x 2 GB

Hard disk drive

Embedded Fiery based server: 1 x 500GB

Processor speed

External Fiery based server: 1 x 1 TB

Fonts

Embedded Fiery based server: 2.9 GHz (Intel Pentium G850)

Supported operating systems

External Fiery based server: Up to 3.1 GHz (Intel Core i5-2400)

Interface

138 Adobe PS fonts, 113 PCL fonts, 32 barcode

Network protocols

Windows XP, Server 2003, Server 2008, Server 2008R2, Server 2012, Vista, 7, 8, 8.1

EFI accessories (optional)

MacOS 10.5, 10.6, 10.7, 10.8, 10.9, 10.10 (Yosemite)
 Ethernet (1000 Base-T/100Base-TX/10Base-T), USB, DVI connector (only for F200), DSUB 15pin connector (Only for G100)

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)

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)

Scan resolution

Duplex scanning

Scan speed

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
 Copy: 600 dpi x 600 dpi
 Send: 600 dpi x 600 dpi / 300 dpi x 300 dpi
 2-sided to 2-sided (Automatic)
 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*

COPY SPECIFICATIONS

Copy speed (BW/CL)

First Copy Output Time (FCOT) (BW/CL)

Copy resolution

60 ppm model: Up to 60/60 ppm (A4/A5R), up to 60 ppm (A4R)
 Colour: Approx. 7.7 sec
 BW: Approx. 6.9 sec
 Reading: 600 dpi x 600 dpi
 Printing: 2,400 dpi x 2,400 dpi

PAPER INPUT

POD Deck Lite-B1

Paper Size: A3, A4, A4R, A5R, SRA3, 13" x 19", 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 (64 gsm)
 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" x 19", 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 2,000 sheets, total 6,000 sheets (80 gsm) / 3 x 2,200 sheets, total 6,600 sheets (64 gsm)
 Dimensions (W x D x H): 950 mm x 797 mm x 1,098 mm
 Weight: Approx. 155 kg

OUTPUT SPECIFICATIONS

Staple Finisher-T1

Tray Capacity:
 Upper Tray (A) Capacity: A4/A4R/A5R 1,300 sheets, A3 650 sheets, SRA3/13" x 19" 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

Tray Capacity:
 Upper Tray (A) Capacity: A4/A4R/A5R 1,300 sheets, A3 650 sheets, SRA3/13" x 19" 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

External 2/4 Hole Puncher-C1

Requires either the Staple or Booklet Finisher-T1
 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 mm x 182 mm to 297 mm x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 mm x 182 mm to 297 mm x 432 mm)
 Weight: Approx. 7.7 kg

External 4 Hole Puncher-C1

Requires either the Staple or Booklet Finisher-T1
 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 mm x 182 mm to 297 mm x 432.0 mm) 4 holes: A3, A4, Custom size Free size (257 mm x 182 mm to 297 x 432 mm)
 Weight: Approx. 7.7 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 210 x 279.4 mm to 330.2 x 487.7 mm
 Booklet stitch staple capacity: 25 sheets (80 gsm)
 Dimensions (W x D x H): 800 mm x 792 mm x 1,239 mm
 Weight: Approx. 180 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 mm to 297 x 432 mm) 4 holes: A3, A4, Custom size /Free size (257 x 182 mm to 297 x 432 mm)
 Weight: Approx. 7.7kg

Output Tray-A1

Paper Size: All available size on marking engine
 Paper Weight: 52 to 300 gsm
 Output Capacity: 250 sheets at simplex printing/100 sheets at duplex printing
 Dimensions (W x D x H): 422 mm x 382 mm x 175 mm
 Weight: Approx. 1.2 kg

Canon Inc.
 canon.com

Canon (UK) Ltd
 Woodhatch
 Reigate
 Surrey RH2 8BF
 Telephone no 01737 220000
 Facsimile 01737 220022

Canon Ireland
 3006 Lake Drive
 Citywest, Saggart
 Co.Dublin, Ireland
 Telephone No: 01 2052400
 Facsimile No: 01 2052525

UK English edition
 © Canon Europa N.V, 2015

canon.co.uk

canon.ie

