

# Excellence in black and white production

Canon varioPRINT 110  
Canon varioPRINT 120  
Canon varioPRINT 135

**you can**

The Canon varioPRINT 110/120/135 use Océ's DirectPress® technology to rewrite the rulebook for image consistency, ease of operation, system configurability and performance uptime.

DIRECTPRESS FOR HIGH QUALITY,  
CONSISTENT PRINTS

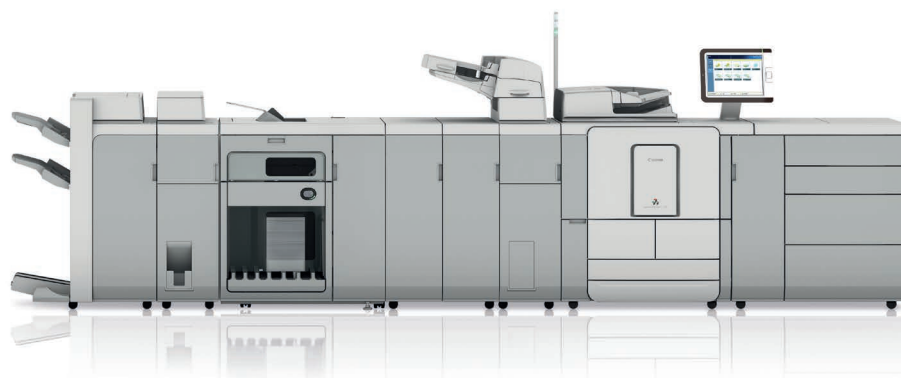
UP TO 138 IMAGES PER MINUTE

UNIQUE "NO OZONE" EMISSION

ENERGYLOGIC FOR LOW ENERGY  
CONSUMPTION

SEAMLESS WORKFLOW INTEGRATION

OUTSTANDING REGISTRATION



## Key benefits

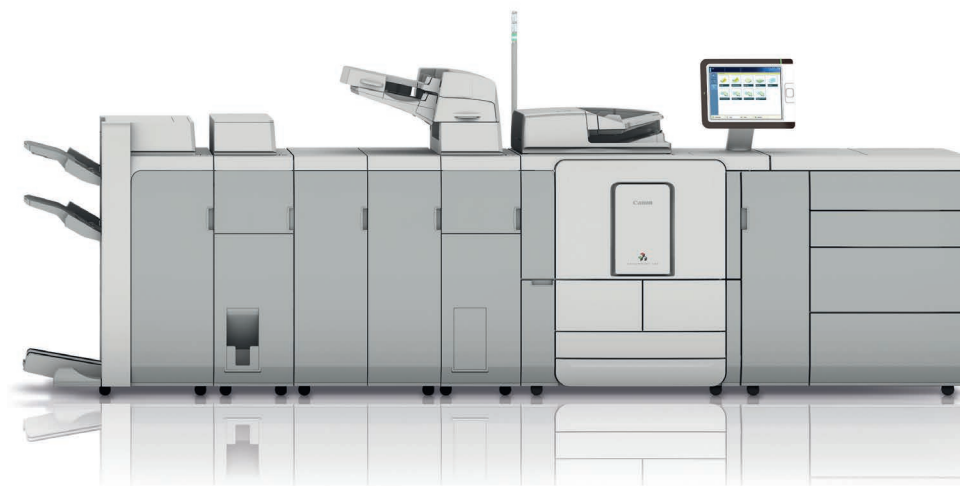
- DirectPress technology uses a single, digital process to create consistent, high quality prints without streaks, striping or banding
- DirectPress technology uses no electrical charging to create the toner image - which means no ozone emission
- DirectPress results in no toner waste, with no need for fuser oil or developer
- A low fusing temperature ensures excellent results across a wide range of media including structured or textured stocks
- PRISMAsync controller makes the print production workflow simple to manage
- A customised media catalogue ensures perfect media handling across every job
- Three easily configurable models meet your customers' demands and your budgetary constraints
- Define your requirements in terms of speed, scanning, paper input, finishing options and workflow support
- Highly productive speeds of up to 138 images per minute with automatic adjustments to deal with different media weights

**Canon**

# Specifications: Canon varioPRINT 110/120/135 Series


TECHNOLOGY	
Description	Black & white printer / scanner / copier
Imaging technology	Océ DirectPress®
Toner	Mono-component toner
Engine resolution	600 x 2400dpi
Features	Toner Transfer Fusing (TTF) technology, HeatXchange technology, On-the-fly toner and paper refill; Automatic duplexing (up to 300gsm), Active registration
Options	Operator attention light with adjustable warn-ahead functions, CCD interface
Print speed	<b>A4 duplex</b> <b>A3 duplex</b> <b>SRA3 duplex</b>
varioPRINT 135	138ipm      72ipm      68ipm
varioPRINT 120	123ipm      64ipm      60ipm
varioPRINT 110	113ipm      59ipm      55ipm
SEGMENT	
Recommended monthly print volume (A4)	varioPRINT 135: 200,000-350,000 varioPRINT 120: 150,000-300,000 varioPRINT 110: 80,000-250,000
Maximum monthly print volume (A4)	varioPRINT 135: 2,200,000 varioPRINT 120: 2,000,000 varioPRINT 110: 1,700,000
GENERAL	
User operation	Integrated 15" full colour touchscreen operator panel: Full engine / controller integration with one point of control Remote monitoring: on desktop via Remote User Interface Remote Meter Reading: secure and easy transmission of meter readings Remote Diagnostics: for maximum printer uptime Remote Software Upgrade: always the latest software and functionality available
Warm-up time	150-270 seconds, depending on amount of toner in cleaner
First copy time	Simplex: 3.9 seconds
First print time	Simplex and ripped: 5.1 seconds
Registration tolerance	Maximum +/- 0.5mm (A4 images)
Dimensions main engine (WxDxH)	1130 x 765 x 1040 mm (excluding user interface) 1130 x 765 x 1430 mm (including user interface)
Weight main engine	263g (with Scanner / Automatic document feeder)
Certificates	EPA Energy Star® / TEC compliancy, RoHS, Cetecom / CE Class A, FCC Class A, UL / TÜV / CE, REACH
CONTROLLER / SERVER	
Operating system	Windows 7
Processor	2 GHz
Memory	2 GB
Hard disk	160 GB
Interface	10/100/1000 Base-T
Page Description Language	Adobe PostScript® 3, PDF 1.7, PCL 6 / HPGL 2, XPS, IPDS, PCL / P/L
Fonts	136 Type1 fonts for roman languages Use of PostScript fonts via Settings Editor
Protocols	TCP/IP (LPR/LPD, socket), SMB static/auto IP (via DHCP), SNMP v1-v3 (printer MIB, private MIB), Job monitoring MIB, IPP
Printer drivers	Windows Server 2003/2008/2008 R2, Windows Client XP, Windows 7, legacy Windows and MAX/Linux CUPS, SAP Device Type (SAP R/3 4.6 and higher)
Security	Common Criteria EAL2+, E-shredding, Firewall, Secure printing, User authentication, IPv6 support. Optional: Removable hard disk
Features	Schedule (8 hours ahead), DocBox for advanced job editing, One queue and job management for copying and printing, Spool-while-rip-while-print-while-clean-up, Multi-job processing, Multitasking (print / copy / scan), JDF connector compatible, Remote Meter Reading, Remote Diagnostics, Remote Software Upgrade
Optional licenses	DocBox, Schedule, Remote Viewer, Scan to file/e-mail, E-shredding, Multiple queues, Streaming printing, Accounting, Remote Service, Font sets: Korean, Japanese, Simplified Chinese, Traditional Chinese, DPLink (integration in customer Xerox infrastructure), KDKlink (integration in customer Kodak infrastructure)

ENVIRONMENTAL	
Sound power level	Ready mode: max 47.3dB Print mode: max 75.3dB
Ozone emissions	None (engine)
Power requirement	1-Phase, 200 - 240 V; 50/60 Hz
Power consumption (VP110-120-135)	Ready mode: 275W Low power mode: 150W Sleep mode: 4W (excl. controller) Operation (duplex): 1.8 - 1.9 - 2.2 kW
Optimum temperature & Relative humidity	17° C - 30° C / 20% - 80%
Room ventilation	35 m³ or >1AC/hr at room size > 35 m³
INTERNAL PAPER MODULE	
Paper trays	2 x 1500 sheets (80gsm) 2 x 500 sheets (80gsm)
Paper size and weight	50 - 300gsm A4, B5 and A5 (bulk trays 1+2) 140 x 182mm - up to 320 x 432mm (tray 3) 140 x 182mm - up to 320 x 488mm (tray 4)
Paper feed technology	Friction feed, Paper Logic from all trays
EXTERNAL PAPER MODULE-1	
Description	Optional external paper input module with single or dual paper trays
First module	2 x 1700 sheets (80gsm, all sizes) 2 x 600 sheets (80gsm, all sizes) Dual configuration: max. 2 x 3300 sheets (80gsm, A4) 2 x 600 sheets (80gsm, all sizes)
Maximum paper capacity	7,800 sheets (A4 80gsm) / 4,600 sheets (all sizes)
Paper size and weight	50 - 300gsm 203 x 203mm - 320 x 488mm (all trays)
Paper feed technology	Suction feed, Air separation, Paper Logic from all trays
Dimensions (WxDxH)	980 x 750 x 1040mm
Weight unit	200kg
Power requirement	90-264 V, 40-67 Hz, 200 W
Features	Automatic paper size detection, Tray-empty detection, On-the-fly paper loading, Paper-level indication, Tab sheet processing, Custom paper size support, optional dual paper trays.
PRINTING	
Job management	DocBox, Queue and History, Waiting Room
Print resolution	Adobe PostScript 3: 1200 x 1200dpi, 600 x 2400dpi PCL: 600 x 600dpi
Maximum printable area	Adobe PostScript 3: 3mm from side, maximum 308 x 484mm PCL: adjustable
Screen frequency	PCL: maximum 106lpi Adobe PostScript 3: maximum 200lpi
Grey levels	Adobe PostScript 3: 200 PCL: 125
Features	RIP at rated engine speed, Pre-RIP, Print-while-rip-while-spool (Streaming), Mixplex, Hotfolder & multiple queue support
COPYING	
Copy resolution	600 x 1200dpi
Exposure control	Auto / Manual (9-step scale), Text, Text / Photo, Photo
Zoom	25 - 400%; automatic
Screen frequency	200lpi
Grey levels	200
Features	Automatic quality optimization for text/photo
SCANNING	
Resolution	75, 100, 150, 200, 300 (default), 600dpi
Colour scanning	Optional
Destination	Scan-to-Email, Scan-to-DocBox, Scan-to-FTP, Scan-to-USB
File format	PDF (single-page and multiple-page), TIFF, JPEG / sRGB (colour scanning)
Features	Thumbnail preview (DocBox), Scan profiles, Status overview, Scan-once-print-many, Scan-while-warming up, Scan-while-print, Subset-scanning, RGB color scanning, Scan to File mixed sizes



<b>DUPLEX COLOUR IMAGE READER-D1</b>	
Capacity	300 sheets (80gsm)
Maximum resolution	600 x 600 dpi
Maximum scan speed	A4, Black& white/colour, 300 x 300dpi: 120ipm A4, Black & white, 600 x 600dpi: 100ipm A4, Colour, 600 x 300dpi: 105ipm A4, Colour, 600 x 600dpi: 25ipm
Auto detectable original size	A3, A4, A4R, A5, A5R, B4, B5, B5R, B6R
Custom sizes ADF	140 x 128mm - 432 x 305mm
Paper weight	1-sided: 38 - 220 gsm 2-sided: 50 - 220 gsm
<b>DOCUMENT INSERTION UNIT-F1</b>	
Number of Trays	2-bin
Tray Capacity	200 sheet/ bin
Paper Weight	52 - 300gsm
Paper Size	B5 up to 320 x 488mm
Power Source/ Consumption	230V 10A
Dimensions	701 x 793 x 1397mm
Weight	61kg
<b>HIGH CAPACITY STACKER-E1</b>	
Stack Tray Capacity	10,000 sheets/ A4 5,000 sheets/ A3 with 80gsm sheets
Top Tray Capacity	1,000 sheets with 80gsm sheets
Acceptable Paper Weight	52 - 300gsm
Acceptable Paper Size	Max defined for main engine; min 257 x 182mm in main tray, min 182 x 182mm in top tray
Power Source/ Consumption	230V 10A (2nd Stacker can get power from 1st Stacker)
Dimension	997 x 792 x 1362mm
Weight	Approx 210kg
<b>HIGH CAPACITY STACKER-F1</b>	
Stack Tray Capacity	6,000 sheets/ A4 (empty while print)
Top Tray Capacity	200 sheets with 80gsm sheets
Acceptable Paper Weight	52 - 300gsm
Acceptable Paper Size	Max defined for main engine. Custom sizes between min. 140 x 182mm up to 320 x 488mm, mixed sizes, tabs and folded sheets
Power Source/ Consumption	230V 10A (2nd Stacker can get power from 1st Stacker)
Dimension	899 x 745 x 1040mm
Weight	Approx 120kg
<b>PERFECT BINDER-C1</b>	
Maximum Cover Size	B4 - 13" x 19"
Cover Weight	91 - 300gsm
Inner Size	B5 - 225 x 320mm
Inner Weight	52 - 163gsm
Cutting Range	Top/Bottom 13 to 79mm Fore-edge 6.5 to 49.5mm
Booklet Thickness	Up to 25mm
Power Source	230V x 10A
Dimension	922 x 783 x 1300mm
Weight	Approx. 306kg
<b>PAPER FOLDING UNIT-F1</b>	
Basic Information	Z Fold, C Fold, Zigzag Fold, Double Parallel
Acceptable Paper Weight	50 - 105gsm Double parallel: 50 - 90gsm
Acceptable Paper Size	A4R Z-fold: A3, B4
Power Source	From Finisher-AK1 or Saddle Finisher-AK2
Dimension	336 x 793 x 1190mm
Weight	Approx 65kg

<b>FINISHER-AK1</b>	
Basic Information	Staple and stacking finisher
Number of Trays	2
Top Tray	1,000 sheets
Below Tray	4,000 sheets
Stapling Position	Corner, Double
Acceptable Paper Weight	52 - 300gsm 5,000 sheets stack capacity up to 100 sheets stapled
Power Source	230V x 10A
Dimension	800 x 792 x 1239mm
Weight	Approx 129kg
<b>SADDLE FINISHER-AK2</b>	
Basic Information	Same functionality as Finisher AK-1 and additional saddle stitching and V-folding functionality
Number of Trays	2
Top Tray	1,000 sheets
Below Tray	4,000 sheets
Stapling Position	Corner, Double
Acceptable Paper Weight	52 - 300gsm 5,000 sheets stock capacity Up to 100 sheets staple Up to 100 pages booklet available (2 - 25 sheets)
Available Saddle Size	A4R, B4, A3, SRA3, 13 x 19.2, 12 x 18
V-Folding	Up to 5 sheets
Power Source	230V x 10A
Dimension	800 x 792 x 1239mm
Weight	Approx 181kg
<b>BOOKLET TRIMMER-D1</b>	
One Edge Trimming	Fore-edge
Trim Width	2 - 20mm
Trim Thickness	Up to 50 sheets (includes Cover, by half fold)
Acceptable Paper Weight	52 - 300gsm
Output Tray Capacity	30 booklets
Power Source	Saddle Finisher - AK2
Dimension	1575 x 770 x 1040mm
Weight	Approx 152kg
<b>TWO-KNIFE BOOKLET TRIMMER-A1</b>	
Basic Information	Top and Bottom Edge trim
Trim Width	2 - 15mm
Trim Thickness	Up to 50 sheets (includes Cover, by half fold)
Acceptable Paper Weight	52 - 300gsm
Output Tray Capacity	30 booklets
Power Source	230V x 10A
Dimension	536 x 770 x 1040mm
Weight	Approx 145kg
<b>PROFESSIONAL PUNCHER-B1</b>	
Basic Information	External In-line Punch Unit
Acceptable Punch Paper Weight	75 - 216gsm (Pro Click up to 176gsm)
Acceptable Punch Paper Size	A4
Punch Tools	Plastic Comb 21-Hole, Twin Loop 23-Hole (round), Twin Loop 34-Hole (round), Colour 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
Power Source	230V x 10A
Dimension	305 x 792 x 1040mm
Weight	Approx 75kg
<b>PROFESSIONAL PUNCHER INTEGRATION UNIT-A1</b>	
Basic Information	Mandatory for Professional Puncher-B1
Power Source	230V 10A
Dimension	250 x 792 x 1040mm
Weight	Approx 40kg
<p>Canon recommends you use Canon Media for the best results. Please check media (paper) compatibility list to see which variety of paper/media is recommended. Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice. ™ and ©: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.</p>	

 The Canon varioPRINT 110/120/135 deliver the highest quality in mid volume production to meet your toughest demands.



**Canon**

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