Océ
VarioPrint$^®$ DP
Line

Excellence redesigned in B&W

océ

Canon
CANON GROUP

Specifications

Technology

Description	Black-and-white printer/scanner/copier
Imaging technology	Océ DirectPress®
Toner	Mono-component toner
Resolution	600 x 2400 dpi
Features	Toner Transfer Fusing (TTF), HeatXchange®, On-the-fly toner and paper refill, Automatic duplexing (up to 300 gsm), Active registration Options: Operator attention light with adjustable warn-ahead functions, CCD interface, Section 508 kit

Print speed

Océ VarioPrint 135	138 ipm (A4 duplex), 72 ipm (A3 duplex), 68 ipm (SRA3 duplex)
Océ VarioPrint 120	123 ipm (A4 duplex), 64 ipm (A3 duplex), 60 ipm (SRA3 duplex)
Océ VarioPrint 110	113 ipm (A4 duplex), 59 ipm (A3 duplex), 55 ipm (SRA3 duplex)

Segment

Recommended monthly print volume	VarioPrint 135: 200,000 - 350,000 images VarioPrint 120: 150,000 - 300,000 images VarioPrint 110: 80,000 - 250,000 images
Maximum monthly print volume	VarioPrint 135: 2,200,000 images VarioPrint 120: 2,000,000 images VarioPrint 110: 1,700,000 images

Controller

Description	Integrated high-performance Océ PRISMAsync controller for Océ VarioPrint DP Line
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
Fonts	136 Type1 fonts for Romance languages Use of PostScript fonts via Settings editor
Protocols	TCP/IP (LPR/LPD, socket), SMB static/auto IP (via DHCP), SNMP v1/v2/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 Option: Removable hard disk
Features	Job scheduler (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 / Scan-to-Email E-shredding Multiple queues Remote Service Streaming printing Accounting Font sets: Korean, Japanese, Simplified Chinese, Traditional Chinese DPlink (integration in customer Xerox infrastructure) KDKlink (integration in customer Kodak infrastructure)

General

Operation	Integrated 15" full color touchscreen operator panel. Full engine/controller integration with one point of control. Remote monitoring on desktop via Remote User Interface. Remote services for secure and easy transmission of meter readings, remote diagnostics, and remote firmware upgrades.
Warm-up time	150 - 270 seconds, depending on amount of toner in cleaner
First copy time	3.9 seconds (Simplex)
First print time	5.1 seconds (Simplex and ripped)
Front-to-back registration tolerance	+ / - 0.5 mm (A4 (8.5 x 11") images)
Main engine dimensions (WxDxH)	1130 x 765 x 1040 mm (without Operator panel) 1130 x 765 x 1430 mm (with Operator panel)
Main engine weight	263 kg (with Scanner / Automatic document feeder)
Certificates	EPA Energy Star® / TEC compliancy, RoHS, Cetecom / CE Class A, FCC Class A, UL / TüV / CE, REACH

Environmental

Sound power level	Standby mode: max 47.3 dB Print mode: max 75.3 dB
Ozone emissions	None (engine)
Power requirement	1-Phase, 200 - 240 V; 12/16 A; 50/60 Hz
Power consumption	Standby mode: 275 W Sleep mode: 38 W Low power mode: 150 W Operation: VarioPrint 110 1.8 kW VarioPrint 120 1.9 kW VarioPrint 135 2.2 kW
Optimum temperature	17° C - 30° C

Paper module

Paper trays	2 x 1500 sheets, 2 x 500 sheets (80 gsm)
Paper feed technology	Friction feed, Paper Logic
Features	Automatic paper size detection, Tray-empty detection, On-the-fly loading, Custom-paper-size support
Paper weight	50 - 300 gsm
Paper size	Bulk trays: 8.5 x 11", B5 Multi-size trays: minimum 140 x 182 mm (paper tray 3 and 4); maximum 320 x 488 mm (paper tray 4)

External paper module

Description	Optional external paper module with single or dual paper trays and JIS-B5 support
Paper trays	Single tray configuration: 2 x 1700 sheets and 2 x 600 sheets (80 gsm all sizes) One-dual-tray configuration: 1 x 3300 sheets (80 gsm, 8.5 x 11"), 1 x 1700 sheets (80 gsm, all sizes), 2 x 600 sheets (80 gsm, all sizes) Two-dual-tray configuration: 2 x 3300 sheets (80 gsm, 8.5 x 11"), 2 x 600 sheets (80 gsm, all sizes)
Maximum paper capacity	7800 sheets (80 gsm, 8.5 x 11"); 4600 sheets (80 gsm, all sizes)
Paper feed technology	Suction feed, Air separation, Paper Logic
Features	Automatic paper size detection, Tray-empty detection, On-the-fly loading, Custom-paper-size support
Paper weight	50 - 300 gsm
Paper size	203 x 203 mm - 320 x 488 mm (all paper trays), JIS-B5

Printing

Print resolution	Adobe PostScript 3: 1200 x 1200 dpi, 600 x 2400 dpi PCL: 600 x 600 dpi
Front-to-back registration tolerance	Maximum +/- 0.5 mm
Maximum imageable area	Adobe PostScript 3: 3 mm from side; maximum 308 x 484 mm PCL: adjustable
Screen frequency	Adobe PostScript 3: maximum 200 lpi PCL: maximum 106 lpi
Gray 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 1200 dpi
Exposure control	Auto/Manual (9-step scale), Text, Text/Photo, Photo
Zoom	25 - 400%; automatic
Screen frequency	200 lpi
Gray levels	200
Features	Automatic quality optimization for text/photo

Scanning

Resolution	75 dpi, 100 dpi, 150 dpi, 200 dpi, 300 dpi (default), 600 dpi
Pull scan	Via Network TWAIN Driver
Color scanning	Optional
Destination	Scan-to-Email, Scan-to-DocBox, Scan-to-FTP, Scan-to-USB
File format	PDF (single-page and multi-page), PDF/A, TIFF, JPEG/sRBG (color 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 paper sizes

Scanner (Duplex Colour Image Reader-D1)

Description	One-pass duplex document feeder and black & white / color scanner
Feed capacity	300 sheets (80 gsm)
Resolution	Maximum 600 x 600 dpi
Scan speed	8.5 x 11", Simplex / Duplex, Black & white, 600 x 600 dpi: 100 ipm 8.5 x 11", Simplex / Duplex, Black & white, 300 x 300 dpi: 120 ipm 8.5 x 11", Simplex / Duplex, Color, 600 x 300 dpi: 105 ipm 8.5 x 11", Simplex / Duplex, Color, 600 x 600 dpi: 25 ipm
Automatic original size detection	5.5 x 8.5", A5-R, 8.5 x 11", A4-R, A3-R, B6, B5, B5-R, B4-R
Custom sizes	Automatic document feeder: 140 x 128 mm - 432 x 305 mm Glass platen: 10 x 10 mm - 432 x 297 mm
Paper weight	Simplex: 38–220 gsm Duplex: 50–220 gsm

Stacker & stapler (Finisher-AF1)

Description	Finisher offering (offset) stacking and stapling (corner/two-point) with staple cut functionality for thin sets
Maximum stapling capacity	8.5 x 11", B5: 100 sheets (80 gsm) A4-R, B4, 11 x 17": 50 sheets (80 gsm)
Output capacity straight delivery	Top tray: 3000 sheets (80 gsm) Lower tray: 2000 sheets (80 gsm)
Output capacity stapled	Top tray: 100 sets Lower tray: 100 sets
Paper weight	50 - 300 gsm
Paper size	Stapling: 8.5 x 11", A4-R, 11 x 17", B5, B4 Stacking: all sizes supported by main engine
Option	Built-in 2/4 or 4 hole punch unit for media up to 200 gsm

Booklet maker (Saddle Finisher-AF2)

Description	Booklet maker with stacking, stapling (corner/two-point), half folding and saddle-stitch capabilities
Saddle-stitching capacity	2 - 25 sheets (80 gsm)
Folding capacity	5 sheets (80 gsm)
Output capacity	On Conveyor belt: 30 booklets (80 gsm) Unlimited stacking by delivering booklets to external catch tray
Paper weight	Booklet pages: 50–200 gsm Booklet cover: up to 300 gsm
Paper size	Before folding: 11 x 17", A4-R, B5, B4, SRA3 Custom sizes: 210 x 279.4 mm - 330.2 x 487.7 mm
Option	Built-in 2/4 or 4 hole punch unit for media up to 200 gsm

Inserter (Document Insertion Unit-F1)

Description	Sheet and cover insertion unit
Paper trays	2
Maximum paper capacity	2 x 200 (80 gsm)
Media	Plain paper, Colored paper, Coated paper, Preprinted paper
Paper weight	50 - 300 gsm
Paper size	Up to 320 x 488 mm
Option for	Finisher-AF1, Saddle Finisher-AF2

Leading-edge trimmer (Booklet Trimmer-D1)

Description	Leading-edge booklet trimmer with Conveyor belt
Trim capacity	Up to 50 sheets (80 gsm) 48 sheets (80 gsm) and 2 cover sheets (up to 300 gsm)
Trim width	2–20 mm
Output capacity	30 booklets
Waste tray capacity	1500 trimmed strips
Paper weight	50 - 300 gsm
Paper size	As defined for Saddle Finisher-AF2
Option for	Saddle Finisher-AF2

Two-knife trimmer (Two-Knife Booklet Trimmer-A1)

Description	Top-, bottom-edge booklet trimmer with Conveyor belt and Output tray
Trim capacity	Up to 50 sheets (80 gsm) 48 sheets (80 gsm) and 2 cover sheets (up to 300 gsm)
Trim width	2–15 mm top and bottom
Output capacity	30 booklets
Waste tray capacity	1500 trimmed strips
Paper weight	50 - 300 gsm
Paper size	As defined for Saddle Finisher-AF2
Option for	Saddle Finisher-AF2 with Booklet Trimmer-D1

Stacker (High Capacity Stacker-E1)

Description	Straight and offset stacking on cart. Up to two stackers can be installed in line. Additional optional stacker cart available.
Output capacity	On cart: 2 x 5000 sheets (80 gsm; 8.5 x 11") or 5000 sheets (80 gsm, 11 x 17") Top tray: 1000 sheets (80 gsm)
Paper weight	As defined for main engine
Paper size	As defined for main engine Main tray: minimum 257 x 182 mm Top tray: minimum 182 x 182 mm

Folding unit (Paper Folding Unit-F1)

Description	Folding unit for Z-folding, Letter folding and Double parallel folding
Capacity	60 mm (approximately 40 letter-folded sheets)
Paper weight	Z-folding, Letter fold in, Letter fold out: 50–105 gsm Double parallel folding: 50 - 90 gsm
Paper size	Z-folding: 11 x 17", B4 Letter fold in, Letter fold out, Double parallel folding: 8.5 x 11"
Option for	Finisher-AF1, Saddle Finisher-AF2

Perfect binder (Perfect Binder-C1)

Description	Hot-melt glue binding with selectable leading-edge or 3-side trimming Preprinted covers can be inserted via Document Insertion Unit
Binding capacity	Approximately 10–200 sheets; 1–25 mm
Paper weight	Inner sheets: 50 - 163 gsm / 105 - 163 gms (up to 10 sheets) Covers: 90 - 300 gsm
Paper size	Inner sheets: B5 - 225 x 320 mm Covers: B4 - 13" x 19.2"

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