varioPRINT DP line

BUILT

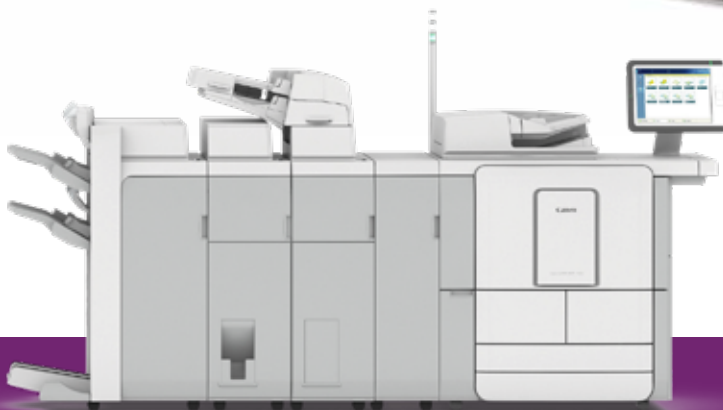## EXCELLENCE IN
BLACK AND WHITE PRODUCTION

FOR BUSINESS

POWERFULLY DESIGNED FOR BEST IN PRODUCTIVITY, QUALITY & SUSTAINABILITY

AT-A-GLANCE

IMAGE QUALITY

- Offset image quality and consistency via true digital printing with DirectPress Technology

- ScreenPoint Technology automatically converts colour images to greyscale

- Monocomponent toner and DirectPress Technology all but eliminate quality degradation

- Intelligent, sensor-controlled, front-to-back registration

WORKFLOW ADAPTABILITY

- Digital monochrome press with optional scan/copy features

- PRISMAsync Print Server with intuitive user interface

- Plan up to eight hours of production with Job Scheduler

- Advanced job management offers workflow customisation

- DPlink and KDKlink options allow integration into Xerox and Kodak workflows

PRODUCTIVITY

- Up to 140/130/115 ipm and a duty cycle up to 2.2 million impressions per month

- Remote Manager for central job management of up to five PRISMAsync-driven digital presses

- Operator Attention Light* and Remote Control app to easily monitor press status

- Printer Operation Care helps maximise uptime

- Up to 12,000▲ A4-sized sheet input capacity for unattended production

SUSTAINABILITY

- Ozone-free printing

- Smart energy usage via EnergyLogic Technology

- Reduced energy consumption with DirectPress and HeatXChange Technologies

- ENERGY STAR® Certified

- Virtually no toner waste

* Optional.

▲ Maximum A4-sized capacity (80gsm/20 lb Bond) with ePIM and Duo Tray option.

DEPENDABLE IMAGE QUALITY, WORKFLOW PRODUCTIVITY

A TRUE DIGITAL SOLUTION

The varioPRINT DP line of monochrome digital presses is a true digital printing solution that's easy to use and delivers high-quality, consistent images while helping increase operator productivity. With a minimal footprint requirement, it fits in most operations and helps to reduce the environmental impact of your business.

SMART, HIGHLY SECURE INNOVATION

The varioPRINT DP line uses DirectPress technology to convert digital data to toner images. This is a one-step process that produces zero ozone emissions, doesn't require high temperatures and electrical charges, and results in consistent, high-quality images. The PRISMAsync Print Server features a convenient touchscreen press console for full workflow configuration, operation, and scheduling control. Advanced PRISMAsync security features include encrypted passwords, white list Integrity Checker, and e-Shredding function to help protect your data.

OUTPUT VERSATILITY

Customers want professional, finished documents, whether it's simple booklets or complex manuals. Canon's extensive, in-line finishing options allow for custom configurations of the varioPRINT DP line with a wide range of solutions, including a simple output tray, preprint inserting, high-capacity stacking, folding and punching, stapling, and booklet-making. Customers may choose three different print speeds with the varioPRINT 115, varioPRINT 130, and varioPRINT 140 digital presses.

BUILT FOR YOUR BUSINESS

The varioPRINT DP line is ideal for In-plants and CRDs that require a sustainable solution that's extremely versatile, reliable, and easy to operate. It's also a great fit for small to mid-size commercial printers with high-quality and high-uptime needs. This series of digital presses will help cut costs, increase productivity, reduce your environmental footprint, and expand your business opportunities. The varioPRINT DP line raises the bar on quality, dependability, and efficiency.

FEATURES

IMAGE CONSISTENCY

True digital printing and innovative technologies reduced to a single, stable digital process. Consistent quality output comes as a result of monocomponent toner and a process unaffected by light and static.

PERFECT FIT SYSTEM

With print speeds of up to 140, 130, and 115 images per minute, the varioPRINT DP line can be easily configured to meet varying requirements, from scanning to printing and intelligent prepress to full, in-line finishing.

SMART AND CLEAN ENERGY USAGE

DirectPress, HeatXChange, and EnergyLogic technologies keep the press cool, balance energy per media requirement, start printing during warm-up, have virtually no toner waste, and no ozone emissions.

PERFECT-FIT SYSTEM

QUICK PRINT / PRINT-FOR-PAY

The varioPRINT DP line meets the needs of the quick print market, delivering powerful opportunities with its high-quality printing/copying/ scanning, reliability, and versatility, all in a small footprint.

The PRISMAsync Scheduler and up to 140 ipm speed help maximize quick turnaround times. Intuitive, simple user interfaces help to streamline prepress and reduce the learning curve, providing outstanding efficiency with multiple, in-line finishing options that can help you expand your business opportunities.

COMMERCIAL PRINT

Image quality, durability for monthly print volumes of up to 800,000 impressions, and productivity make the varioPRINT DP line ideal for the commercial print industry. The PRISMAsync Print Server and Remote Manager keep operations smooth and intuitive for more results with fewer operators.

A generous input capacity of up to 12,000 sheets* and automated workflow options help increase throughput. In-line finishing options offer white paper in, finished-product-out workflows, helping reduce touch points and errors while precise, high-capacity stacking is ideal for shops with offline finishers.

IN-PLANT/CRD

The varioPRINT DP line delivers the productivity, ease of use, and versatility your operation requires while reducing overhead cost and environmental impact. These presses support outstanding efficiency with enhanced copy/scan functions, security options, and seamless integration into most existing workflows.

To enhance productivity, customers can submit work to the CRD via a wide variety of available software solutions, including Canon's enterprise-wide print management leveraging uniFLOW software.

INTEGRAL PRODUCTIVITY

Best in class productivity by unique technology. PRISMA-driven workflow and unbeatable reliability

APPLICATION QUALITY

Flat output, offset-like print quality with excellent line sharpness and halftone uniformly, best registration

SUSTAINABILITY

No ozone, no waste toner and lowest energy consumption per print

VERSATILTIY FOR YOUR VARIOUS APPLICATIONS

STAPLED DOCUMENTS
Produce stapled documents, such as presentation handouts, of up to 100 sheets, with both corner and double stapling options.

SADDLE-STITCHED BOOKLETS
In-line saddle-stitching provides up to 100-page or 120-page* brochures, catalogs, and programs. Square-fold options* and unique Saddle Press technology** help to limit bowing, so booklets lie flat.

FULL-BLEED BOOKLETS
Print booklets on media sizes of up to 12.6" x 19.2" and benefit from in-line, face- and two-knife trimming for high-quality, full-bleed booklet output.

OFF-LINE FINISHING
Via the High-Capacity Stacker, the varioPRINT DP line presses output neat stacks of loose leaves that can be unloaded to feed your off-line, post-processing equip-ment—and all without interrupting print production.

BOUND PRESENTATIONS AND MANUALS
Standard or custom punch dies produce ready-to-bind documents for a variety of binding methods — plastic comb, velo bind, or color coil binding — eliminating the need for prepunched sheets or off-line hole punching.

The in-line Ring Binder creates up to 200-page punched and bound books in one, uninterrupted run, thereby eliminating the off-line binding step.

FOLDED BROCHURES
Produce flyers, mailings, letters, and folded leaflets in-line with the folding unit.

PERFORMANCE THAT FITS
With respective print speeds of up to 140, 130, and 115 images per minute, the varioPRINT 140/130/115 monochrome digital presses can be easily configured to meet your requirements, from scanning to on-board editing to full, in-line production.

MULTIPLE SCANNING OPTIONS
Monochrome and color scanning capabilities let you offer flexible document digitization and archiving services.

One-pass duplex scanner plus "Scan-to" options, including Scan-to-SMB, Scan-to-FTP, Scan-to-USB, Scan-to-Email, and Scan-to-DocBox, a repository of jobs that provides fast access and easy storage for jobs, and provide optional flexibility for your scanning workflow. Scan-to can be easily configured via the Setting Editor and FTP, SMB, or LDAP connectivity.

VERSATILE PAPER FEEDING
Four paper trays are conveniently placed under the engine, conserving valuable floor space. Increase capacity and productivity with the optional, four-tray External Paper Input Module (ePIM) featuring air separation and suction feeding that expands capacity of up to 12,000 letter/A4-sized sheets*** for hours of unattended production.

WIDE RANGE OF MEDIA
The varioPRINT DP line can support plain, coated, textured, and carbonless substrates. Those ranging from 13 lb. Bond to 110 lb. Cover (50–300 gsm) are accommodated in all trays, with automatic duplexing for all media up to 300 gsm. This provides efficient production on a wide range of stocks.

STREAMLINED FUNCTIONALITY
In-line finishing modules eliminate the need for costly, space-consuming, off-line equipment and help you to produce and finish more jobs without operator intervention. This shortens the time to complete a job, thus helping you to meet even the tightest deadlines.

   * Requires SDD BLM300C Professional Book
  ** Requires Booklet Finisher-W1.

 *** Maximum A4-sized capacity (80gsm/20 lb. Bond) with ePIM and Duo Tray option.

SUSTAINABLE PRODUCTIVITY

The varioPRINT DP line's innovative technologies deliver true digital printing, energy efficiency, and integrated workflow that ramp up your business for profitability.

KEY FEATURES

FINISHING OPTIONS

OUTPUT TRAY▲

The most simple form of finishing in a form of an output tray that can stack 250 sheets of 80gsm paper.

❶ STAPLE AND SADDLE FINISHER

Corner staple up to 100 sheets or saddle-stitch* up to 100-page/25-Sheet booklets in paper sizes up to 330 x 488mm or 13″ x 19.2″.** External side joggers keep output in neat stacks. An optional 2/3-hole puncher is also available.

❷ BOOKLET TRIMMING

High productivity with large-capacity trim waste bin and on-the-fly waste removal helps allow for a continuous run. These modules work with the Saddle Finisher to produce professional, full-bleed booklets in-line.

SQUARE-FOLD BOOKLET-MAKER

Deliver professional-looking, lay-flat booklets with the speed and simplicity of in-line saddle-stitching. The SDD BLM300C Professional Booklet-Maker† extends booklet-making capabilities up to 120 pages/30 sheets.

❸ PAPER FOLDING UNIT

Offer promotional pamphlets, brochures, and more with the ability to produce Z-fold, C-fold, accordion fold, and double-parallel fold documents.

❹ HIGH-CAPACITY STACKER

Realize maximum productivity with "unload-while-run" capability, helping to provide uninterrupted printing and virtually unlimited stacking. The optional integrated DFD interface lets configurations include third-party finishing devices.

❺ PROFESSIONAL DIE PUNCH

The Multi Function Professional Puncher handles a broad range of media sizes and weights; interchangeable die sets provide a variety of punch patterns.
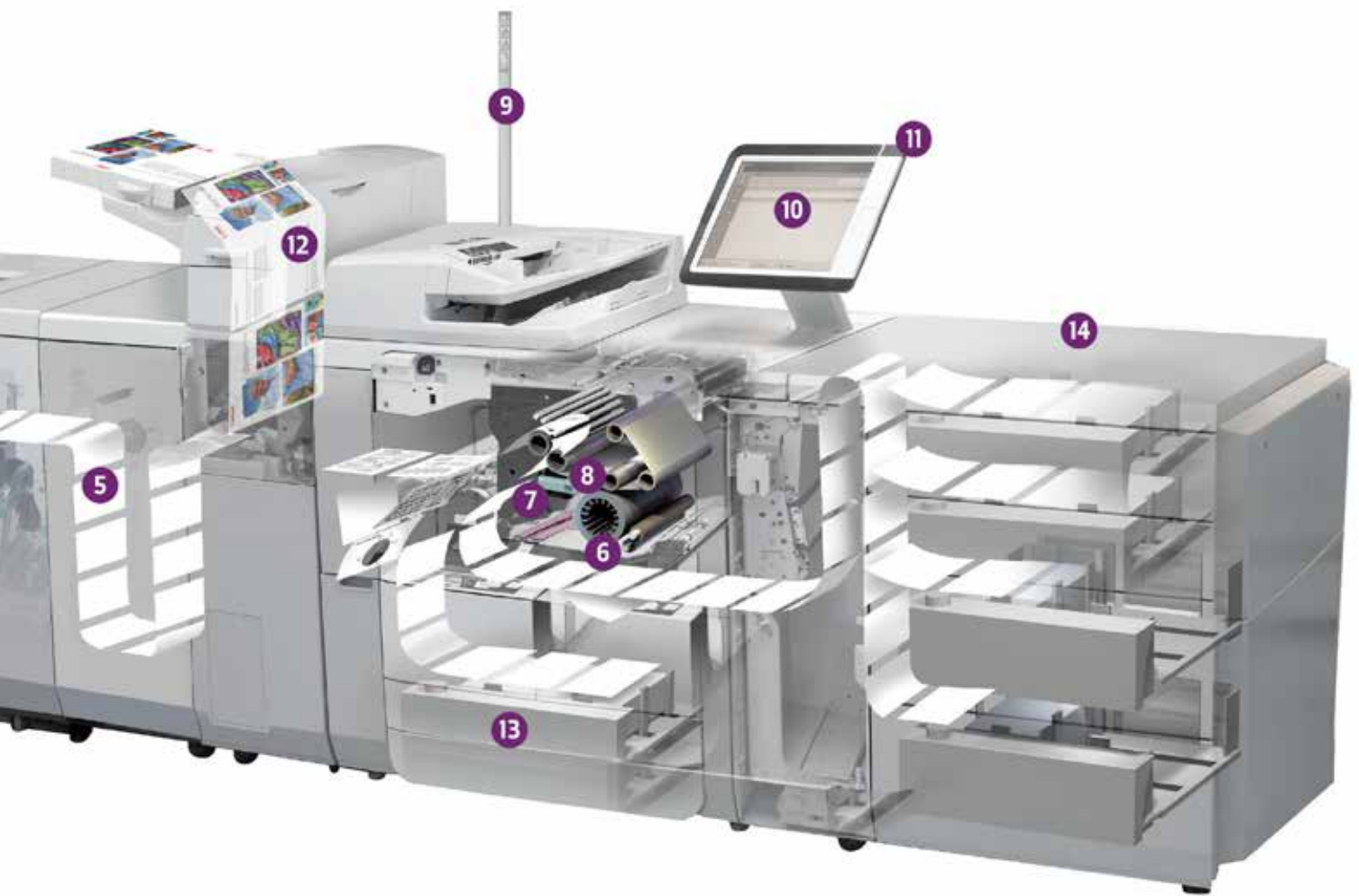
MAX RING BINDER▲

Produce up to 50- or 100-sheet, ring-bound booklets in-line to eliminate the handling and finishing steps between printing and binding.

▲ Not shown.

* Available only on Saddle Finisher.

** Maximum supported size for varioPRINT DP line engine is 320 X 488mm or 12.6" x 19.2". Document Insertion Unit supports 330 x 488mm or 13" x 19.2".

† Requires High-Capacity Stacker and Document. Finishing Device (DFD) Interface.

IMAGING

⑥ DIRECTPRESS TECHNOLOGY
Converts digital data into a toner image in a single step, with no ozone emissions, fuser oil, or developer, and virtually no toner waste.

⑦ HEATXCHANGE TECHNOLOGY
Printed sheets are cooled and those to be printed are preheated in a single process, reducing energy consumption by up to 30%. The cooling of printed sheets helps reduce curling and sticking for more reliable finishing.

⑧ ENERGYLOGIC TECHNOLOGY
As soon as sufficient energy is available, start-up is quick. It also helps ensure non-stop productivity for mixed-weight jobs.

PRODUCTIVITY & USABILITY

⑨ OPERATOR ATTENTION LIGHT∗
Displays status of the press in a convenient way, so the operator quickly knows if production is moving smoothly or operator intervention will be required.

⑩ SCREENPOINT TECHNOLOGY
Optimizes the conversion of color images to black and white and generates smooth, grayscale transitions.

⑪ PRISMAsync USER INTERFACE
The PRISMAsync interface expands possibilities with an intelligent server and media-driven workflow. It offers up to eight hours of advanced production planning and scheduling, plus uniform workflow with other PRISMAsync-driven Canon digital presses.

FEEDING

⑫ DOCUMENT INSERTION UNIT∗
Enables insertion of color covers and inserts.

⑬ PAPER INPUT CAPACITY
4,000-sheet input capacity from the main engine cassettes is standard.

⑭ ADVANCED FEEDING TECHNOLOGIES
For a total input capacity of 12,000 sheets∗∗ add an additional four trays with the optional ePIM (External Paper Input module). All ePIM trays accommodate all supported media weights and feature Air Separation and Suction Feeding. These features provide reliable, accurate paper feeding, similar to offset press printing.

All paper capacity numbers and finishing capabilities based on 80 gsm or 20 lb. Bond paper.
∗   Optional.
∗∗ Maximum A4-sized paper capacity (80 gsm or 20 lb. Bond paper) with ePIM and Duo Tray option.

VERSATILE WORKFLOWS

PRISMAsync
PRINT SERVER
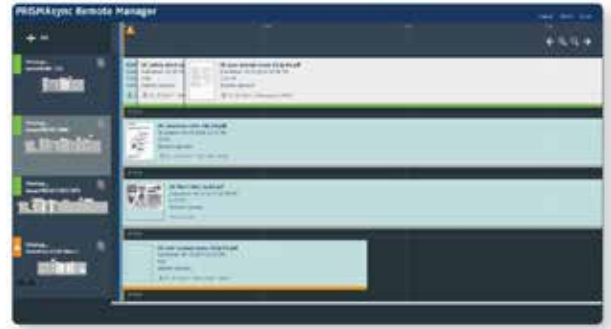
CONFIGURABLE WORKFLOW SUPPORT

Whatever your workflow, the PRISMAsync Print Server's integrated user interface combines the functionality of a digital front-end with the engine controller. The result is simplified production steps for even the most complex jobs, thereby helping to reduce training time and increasing productivity. Seamless integration with Canon's optional PRISMA software suite can help accelerate workflow, reduce costs, and attract more print volume.

ENABLE TARGET MARKETING

PRISMAsync Print Server provides powerful variable data printing (VDP) support with record-based editing and management and full compatibility with industry-standard workflows thatwork with PDF, Postscript output and PPML.

SMOOTH WORKFLOW INTEGRATION

PRISMAsync is powered by Adobe PDF Print Engine* with Mercury RIP architecture. It integrates with JDF and JMF tools to help streamline and accelerate processes, reduce costs, and help you manage and control your operations. PRISMAsync DPlink and KDKLink options offer easy integration of varioPRINT DP Line digital presses into Xerox® FreeFlow® MakeReady or Kodak® Smartboard environments.

INTUITIVE OPERATION AND TOTAL PRODUCTION CONTROL

PRISMAsync offers intelligent job scheduling controls for uninterrupted production and smooth workload planning. The Job Scheduler provides up to eight hours of production planning, allowing the operator to monitor multiple jobs, receive custom notifications, and change priorities.

COPYING, SCANNING, AND EDITING MADE EASY

PRISMAsync's Easy Copy and Book Copy features provide increased efficiency in high-volume copy and scan environments. The operator can quickly add page numbers to PDF printouts with prefix and suffix, adjustable font, font size, and position.

Subset scanning and page-level editing† let operators build and manipulate even complex jobs right on the PRISMAsync press console. The optional DocBox† feature allows storing of scan and print jobs for archiving and reprinting.

PRISMAsync REMOTE MANAGER

Operators and administrators can manage queues, submit print jobs, and reroute jobs among multiple PRISMAsync-driven digital presses via the standard PRISMAsync Remote Manager software. The unique, Web-based, multi-engine scheduler provides remote monitoring from virtually any workstation or mobile device on your network.

POWERED BY
Adobe® PDF Print Engine
with Mercury RIP Architecture

SMART PRODUCTIVITY

PROTECT DEVICES, DATA, AND DOCUMENT OUTPUT

INTEGRITY CHECKER*
PRISMAsync print servers can be equipped with Integrity Checker to help control, continuously track, and validate the applications that are run on PRISMAsync.

SECURITY WITH E-SHREDDING*
Proper disposal of sensitive or confidential electronic data is imperative to prevent inadvertent disclosure. Electronic data shredding (or e-shredding) can help prevent unwanted recovery of previously printed, scanned, and copied documents.

USER AUTHENTICATION
PRISMAsync provides user authentication via heavily encrypted passwords. It also enables the System Administrator to define and manage tasks that limit operators to performing only those within set boundaries.

MANAGE YOUR UPTIME

DESIGNED FOR SUCCESS
No matter what the print environment, all agree: No service call is the best service call. DirectPress Technology improves image consistency while helping to reduce maintenance and increase reliability and system uptime. Printer Operation Care allows safe and easy parts replacement by the operator— no training required. When service intervention is needed, an innovative service concept helps ensure the shortest turnaround time.

The varioPRINT DP line is designed for robust, reliable performance through the most demanding and time-consuming jobs. It will help you meet tight deadlines and deliver consistent quality prints that help retain satisfied customers.

LEADING-EDGE TECHNOLOGY

SOLUTIONS THAT HELP YOUR BUSINESS

IMPRESSIVE PRODUCTIVITY
EnergyLogic Technology helps increase productivity. As sufficient energy is available, printing begins and gradually increases during warm-up. EnergyLogic's intelligent response to media keeps the engine running even as it heats up for heavy media or cools down for light media, providing non-stop production for mixed media jobs.

EXCELLENT COLOR-TO-GRAYSCALE CONVERSION
ScreenPoint Technology automatically converts color images into grayscale images with excellent resolution, dense black fills, and precise fine lines, creating detailed light and dark depth. Operators can adjust contrast and control the level of darkness and lightness manually, without sacrificing details.

STREAMLINED SCANNING
Image Logic automatically recognizes photo and text on every scanned page resulting in high-quality prints with no manual adjustments.

ADVANCED REGISTRATION
Intelligent, sensor-controlled registration process enables tight, front-to-back registration, helping to ensure quality handling of high-visibility, quality-intensive jobs that your customers need.

CONSISTENT, HIGH-QUALITY IMAGES
Monocomponent toner means that no fuser oil or developer is needed; all substances for printing are present within the toner particles. This decreases the risk of degradation, resulting in consistently high-quality prints and a reduction in service calls.

EASY AND EFFICIENT MEDIA HANDLING
A media-driven workflow with a customized, define-once media catalog helps deliver consistent and productive media handling.

Paper Logic offers a uniform way of loading all media that helps ensure correct orientation (logos, punch holes). Together these media-handling features help reduce errors and maximize first-time-right output.

CUTTING-EDGE PRODUCTIVITY

INCREASED UPTIME
DirectPress Technology converts digital data into a toner image in a single step, providing a uniform and stable image. The process doesn't require lasers, LEDs, or related components and uses fewer parts helping to increase reliability and uptime.

ENERGY EFFICIENT
HeatXchange Technology makes clever use of energy by recycling the heat used to fuse toner onto paper. Fusing heat from exiting sheets is transferred to preheat sheets entering the print path. Simultaneously, this cools the exiting sheets, helping to reduce sticking and curling and prepares the sheets for finishing. The low fusing temperature allows printing on a wide range of media.

PRODUCT SPECIFICATIONS

Imaging technology	DirectPress ; Mono-component toner
Speed	117 ipm / 133 ipm / 143 ipm (A4-Duplex) 61 ipm / 69 ipm / 75 ipm (A3-Duplex) 115 ipm / 130 ipm / 140 ipm (Letter-Duplex) 60 ipm / 68 ipm / 73 ipm (Ledger-Duplex) 58 ipm / 65 ipm / 70 ipm (SRA3-Duplex) Note: simplex speed is equal to duplex speed
Average Monthly Print Volume (AMPV)	80-800k prints/month
Warm-up time	150-270 seconds
First copy time	Simplex: 3.9 seconds
First print time	Simplex, ripped: 5.1 seconds
Dimensions standard unit (WxDxH)	1130 mm x 765 mm x 1040 mm (excluding user interface) 1130 mm x 765 mm x 1430 mm (including user interface)
Weight standard unit	263 kg

Power connection	1-Phase: 200-240V, 50/60Hz • Europe 16A
	                                     • USA 15A (12A rated)
	                                     • USA 20A (16A rated)
	                                     • Japan 15A

Product Safety & Environment	EPA/TEC compliance, RoHS compliance, Cetecom / CE Class A, FCC Class A, UL / TüV / CE, VCCI, ErP, China RoHS, CRDH FDA (USA), WEEE, Green Procurement Standards, EAC, KC, RCM, International Energy Star Program (Japan, EU, USA)
Other compliances	Section 508, EPEAT SILVER, De-ink ability certificate, CCC China (sourced locally by NSO/RSHQ), C-tick Australia (sourced locally by NSO/RSHQ)

CONTROLLER

Processor	3.1 GHz
Memory	4 GB
Hard disk	500 GB
Network connectivity	10/100/1000 Base-T
Network protocols	TCP/IP (LPR/LPD, socket), SMB static/auto IP (via DHCP) SNMP v1-v3 (printer MIB, private MIB, Job monitoring MIB), IPP
Operating system	Microsoft®Windows 10®
Supported Page Description Languages (PDL)	APPE (Adobe® PDF Print Engine) • Adobe® PostScript® 3 ™ / streaming PostScript® • PPML/GA Level 1 • PPML versions 1.5,2.1 and 2.2 PDF 1.7 PCL 6 XPS IPDS(options) Xerox® PPP support
Print from USB	PDF, PS, PCL, XPS via USB connection on operator panel
Security	E-shredding, HTTPs, Firewall, PIN for Doc Box, User authentication to SDS, Removable hard disk, IPv6, software protection license (integrity checker), user authentication per user role: key operator, system administrator and service representative
Features	Print while RIP, Streaming, Multi-job processing, Pre-RIP, no cycle-down between jobs, multi-tasking (scan/copy/print), web-based configuration with Settings Editor, Remote meter reading, Remote Diagnostics, Remote software upgrade, Remote Monitor
Controller hardware optionals	Generic USB mouse support Section 508 kit; Accessibility option for people with disabilities. Includes mouse, video, attention signal CCD interface; Copy Control Device interface for pre-paid accounting Operator attention light; giving visual status signals of the printer Removable hard disk; Enables locking the hard disk into the device for normal operation and removing it to asecure location after powering down.
Controller license options	See separate list on optional software licences

PRINTING

Job management	DocBox, Queue and History, Waiting Room
Print resolution	PCL: 600 x 600 dpi Adobe PostScript 3: 1200 x 1200 dpi, 600 x 2400 dpi
Engine resolution	600 x 2400 dpi
Registration tolerance	Maximum +/- 0.5 mm
Maximum printable area	PCL: adjustable Adobe PostScript 3: 3 mm from side, max 308x481.7 mm
Screen frequency	PCL: 106 lpi maximum Adobe PostScript 3: 200 lpi maximum
Grey levels	PCL: 125 Adobe PostScript 3: 200
Features	RIP at rated engine speed, Pre-RIP, print-while-RIP-while-spool (streaming), mixplex printing, hotfolders/multiple queues

SCANNING

Scan resolution	75, 100, 150, 200, 300, 600 dpi
Pull scan	No pull scan functionality
Color scanning	Optional license
Send destinations	Scan to E-Mail, scan to FTP, scan to DocBox, scan to USB, scan to PDF (DocBox), scan to SMB
File format	PDF (single and multiple page), TIFF, JPEG/sRGB (color scanning)
Features	Thumbnail preview (DocBox), Scan profiles, Status overview, Grey level scanning, Scan once print many, Scan-in¬warmup, Scan-while-print, subset scanning, Multi-tasking user interface, RGB color scanning, Scan to File Mixed sizes,Double sheet detection

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 optimation for text/photo, Light/Dark setting, , Cover insertion, Job build, Automatic rotation, Booklet printing, Multiple images per sheet, Margin shift, Margin erase, Image position, Automatic paper selection, Tab copying, Mixplex

ENVIRONMENTAL

Ozone emissions	None (engine)
Optimum temperature	17-30 °C, engine up to 34 °C (for accessories: please check accessory specifications)
Relative humidity	20-80%
Altitude	<1000 m
Room size and ventilation[*] or Air change rate at room size	>50 m3 and >2 AC/hr at room size >50 m3
Sound power level	Standby mode : 33 dB, Print mode: maximum 64 dB
Power consumption (varioPRINT 115-130-140)	Ready mode: 270W, Low power mode: 150W, Sleep mode: 4.3 W (excluding controller), Off mode: 0.2 W EU Operation (A4 80 gsm duplex) : 1.9 kW/2.0 kW/2.2 kW USA Operation (Letter 75 gsm duplex): 1.9 kW/2.0 kW/2.2 kW JAPAN Operation (A4 64 gsm duplex): 1.8 kW/2.0 kW/2.1 kW Tec Value (USA/115 ipm) 20,3kWh
TEC Value (varioPRINT 115-130-140)	EUR A4 80 gsm: 20.2 – 21.1 - 22.7 kWh USA Letter 75 gsm: 20.3 – 21.2 - 22.8 kWh JAPAN A4 64 gsm: 20.2 – 21.4 – 22.7 kWh

This is the ventilation requirement required for the Trident engine, additional to standard building ventilation requirements.

INTERNAL PAPER MODE

Paper capacity		4000 sheets (80 gsm; 20 lb. Bond)
Paper trays	Bulk tray 1/2	1500 sheets, A4, JISB5, Letter, 16K possible to change both trays into Bulk Tray small format (A5 + statement (half letter 5,5 x 8,5 inch, by using one tray, please use Bulk tray 2)
	Bulk tray 2	1500 sheets, A4, JISB5, Letter, 16K
	Multi-size tray 3	500 sheets; 140 x 182 mm -up to 320 x 432 mm, (5.5 x 7.2"-up to 12.6 x 17") custom sizes
	Multi-size tray 4	500 sheets; 140 x 182 mm -up to 320 x 488 mm, (5.5 x 7.2"-up to 12.6 x 19.2") custom sizes
Paper weight		50 - 300 gsm, 13 lb. Bond to 110 lb. Cover
Paper feed technology		Friction feed
Features		Automatic paper size detection (multi-size tray), Tray empty detection, Paper Logic, Tray linking, Paper-level indication, On-the-fly loading, Tab sheet processing

DUTY NUMBERS

Model	Average monthly prints"	Maximum monthly prints"*	Lifetime expectancy
varioPRINT 115	80 - 800k	1.7 million	7 years
varioPRINT 130	80 - 800k	2.0 million	7 years
varioPRINT 140	80 - 800k	2.2 million	7 years

*   The volume that allows customers to comfortably handle their print volume and requirements
** The volume that can be handled confidently by the printer in peak periods (2-shift production during 1 work month of 22 days with 80% uptime)

MEDIA WEIGHTS

Model	Paper module	External paper module
Plain paper	50 - 300 gsm	50 - 300 gsm
Offset paper	50 - 300 gsm	50 - 300 gsm
Coated paper	Not recommended	80 - 300 gsm**

SPEED (IPM) AND PRODUCTIVITY

Printing	Model	A4 LEF B5	Letter LEF	Ledger SEF	A3 SEF	SR A3 SEF	JIS B4 SEF
Duplex <120 gsm <31 lb. bond	115 130 140	117 133 143	115 130 140	60 68 73	61 69 75	58 65 70	64 72 78
Simplex <220 gsm <80 lb. bond	115 130 140	117 133 143	115 130 140	60 68 73	61 69 75	58 65 70	64 72 78
Duplex 120 -220 gsm -31 lb. – 80 lb.	115 130 140	113 123 123	110 120 120	57 63 63	59 64 64	55 60 60	61 67 67
> 220 gsm >80 lb. Cover	115 130 140	61 61 61	60 60 60	31 31 31	32 32 32	30 30 30	33 33 33

DUPLEX COLOUR IMAGE READER UNIT N-1 (MFP VERSION)

Scan speed	A4/Letter (simplex, duplex), Black & white/color 300 x 300 dpi: 120 ipm A4/Letter (simplex, duplex), Black & white, 600 x 600 dpi: 108 ipm A4/Letter (simplex, duplex), Colour, 600 x 300 dpi: 120 ipm A4/Letter (simplex, duplex), Colour, 600 x 600 dpi: 25 ipm
Glass platen automatically	A5, A4, B5, B4 (SEF), A3 (SEF), B6 (SEF), 11" x 17" (SEF), Legal, Letter, Letter (SEF), Statement, detectable formats Statement (SEF), JIS B4 (SEF), JIS B5, JIS B6 (LEF)
Glass platen custom sizes	Min: 10 x 10 Max: 432 x 297 (Maximum scan able area 422x297 mm)
ADF Capacity	300 sheets (80 gsm; 20 lb. Bond)
ADF automatically detectable	A3 (SEF only), A4, A5, JISB5, JISB4 (SEF only), Ledger (SEF only), Legal 8,5x14 (SEF only), Letter, Statement, 8K, 16K, JISB6 (SEF only)
ADF custom sizes	Min: 140 x 128 mm Max: 432 x 305 mm
Paper weight originals	1-sided: 38 - 220 gsm, 10 lb. Bond to 80 lb. Cover 2-sided: 50 - 220 gsm, 13 lb. Bond to 80 lb. Cover
Double sheet detection	yes

BULK TRAY SMALL FORMAT-A1

Paper size	A4 (210x297), A5 (210x148), 8,5" x 11" (215,9x279,4), 8.5" x 5,5" (215,9x139,7), JIS B5 (182x257), 16K (195x270)
Paper weight	max. 15 kg
Space between paper guides:	DIN A5 (148mm) 149,8 +/- 0,5mm 5,5" (139,7mm) 141,5 +/- 0,5mm
Positions paperguide	adjustable by key-operator or service

DECURLER UNIT-C1

Productivity	No impact on engine productivity
Supported media sizes	All media supported by the engine and finishers: Maximum: 320.2 mm x 487.7 mm (13" x 19.2") Minimum: 140 mm x 182 mm (5.5" x 7.2")
Supported media weights	50 - 300 g/m^2 (14 lb bond - 110 lb cover)
Decurling performance	With the Decurler Unit media are deliverd with a curl < ±10mm on the finisher bins in any climate condition. Using automatic decurler setting, 80% of the media in the Media Guide must be within stack quality specification. This can be further optimized to close to 100% using additional manual settings. The decurl settings are handled per media, so heavier media with an heavier curl is de-curled accordingly). The curl can only be corrected in the feed direction.
Dimensions (W x D x H)	250 mm x 792 mm x 1040 mm
Weight	48 kg
Power	Mains connection

CANON EXTERNAL PAPER INPUT MODULE-D1 (ePIM)

Paper trays First module	For 80 gsm, 20 lb. Bond paper: - Tray 1: 600 sheets - Tray 2: 600 sheets - Tray 3: 1700 sheets (dual trays: 3300 A4/Letter sheets) - Tray 4: 1700 sheets (dual trays: 3300 A4/Letter sheets)
Paper size	All paper trays: 203 x 203 mm → 320 x 488 mm, (12.6 x 19.2") , JIS B5 LEF, custom sizes incl.
Paper weight	50 - 300 gsm
Paper feed technology	Vacuum feed, Air separation
Dimensions (W x D x H)	987 x 743 x 1056 mm
Weight	203 kg
Power supply	90-264 V, 40-67 Hz, 200 W

STAPLE FINISHER - W1

Paper sizes	Stacking: as supported by engine Stapling: A4,A4R, A3, JIS B4, JIS B5, Executive, Letter-R, Letter, Legal, Ledger
Paper weight	52-300 gsm
Maximum stapling capacity	A4, B5, Letter: 100 sheets (80 gsm; 20 lb. Bond) A3, A4R, B4, Letter-R, Legal, Ledger: 50 sheets (80 gsm, 20 lb. Bond)
Staking capacity non- stapled	Tray upper: max 1000 sheets Tray lower: 2000 sheets (max 4000 sheets in High Volume Stack Mode)
Stacking capacity stapled	Tray lower: 200 sets (max 3000 sheets)
Dimensions (W x D x H)	800 x 792 x 1239 mm; 31.5" x 31.18" x 48.78"
Weight	130 kg; 287 lb.
Power	Japan: 100V 8.5A North America: 120V 8A Europe: 220-240V 4A Approximate maximum power consumption: 500W
Features	Corner stapling, two point stapling (also A4R, Letter R)

BOOKLET FINISHER - W1

Saddle stitch capacity	2-25 sheets (80 gsm; 20 lb. Bond), including 1 cover sheet up to 300 gsm (140 lb Index)
Paper sizes	Stacking: as supported by engine Stapling: A4, A4R, A3, JIS B4, JIS B5, Executive, Letter-R, Letter, Legal, Ledger
Paper weight	52-300 gsm
Output capacity saddle stitcher	Conveyor belt: 30 booklets. By delivering to external catch tray unlimited capacity is offered
Maximum stapling capacity	A4, B5, Letter: 100 sheets (80 gsm; 20 lb. Bond) A3, A4R, B4, Letter-R, Legal, Ledger: 50 sheets (80 gsm, 20 lb. Bond)
Staking capacity non- stapled	Tray upper: max 1000 sheets Tray lower: 2000 sheets (max 4000 sheets in High Volume Stack Mode)
Stacking capacity stapled	Tray lower: 200 sets (max 3000 sheets)
Dimensions (W x D x H)	800 x 792 x 1239 mm ; 31.5" x 31.18" x 48.78"
Weight	182 kg; 401 lb.
Power	Japan: 100V 8.5A North America: 120V 8A Europe: 220-240V 4A Approximate maximum power consumption: 500W
Features	Corner stapling, dual position stapling (also A4R), saddle stitching, V-fold up to 5 sheets. Can be combined with optional 1 or 3 knife trimming units

PUNCH UNIT (PUNCHER UNIT-BS1/BT1/BU1) FOR W1 STAPLE AND BOOKLET FINISHERS

Punch options	BT1: 2/4-holes (std Europe), BU1: 4 holes (Swedish), BS1: 2/3 holes (USA)
Paper size	BT1-2 holes: A4R, A4, A3 BT1-4 holes: A3, A4 BU1-4 holes: A3, A4 BS1- 2 holes: Legal, Letter-R BS1- 3 holes: 11" x 17", Letter, Executive
Paper weight	50-200 gsm
Punch waste capacity	5000 sheets
Punch accuracy	+/- 1 mm
Punch diameter	2 holes: 6.5 mm 3/2 holes 8.0 mm 4 holes 6.6 mm
Punch distance	2-Hole:70 /80 mm 4-Hole:80 mm or 21/70/21 mm 3-Hole: 108 mm
Dimensions (W x D x H)	Integrated in W-1 or W-2 finisher
Weight	3 kg; 6.7 lb
Power	From W-1 or W-2 finisher
Features	Hole punching accuracy and consistency by active paper path sensors.

PAPER FOLDING UNIT - J1

Capacity	60 mm (approximately 40 letter-folded sheets)
Fold types	Z-fold, Letter fold in, Letter fold out, Double parallel fold
Paper sizes	Z- fold: A3, B4, Ledger, Letter fold in, Letter fold out, Double parallel fold: A4R, Letter R
Paper weight	Z- fold, Letter fold in, Letter fold out: 50-105 gsm ; 13 lb. Bond to 28 lb. Bond Double parallel fold: 50-90 gsm; 13 lb. Bond to 24 lb. Bond
Dimensions (W x D x H)	336 x 793 x 1190 mm; 13.25" x 31.22" x 46.85"
Weight	71 kg; 144 lb.
Power	From W1 finisher

HIGH CAPACITY STACKER - H1

Capacity	6000 sheets (2 stacks of 3000 sheets) at 80gsm for all sizes. (80 gsm; 20 lb. Bond) Top tray : 200 sheets (80 gsm; 20 lb. Bond)
Paper size	As defined for main engine, custom sizes between min. 140x182 mm -up to 320x488 mm, (13x 19.2") , mixed sizes, tabs and folded sheets.
Paper weight	As defined for main engine, 50-300 gsm
3rd party finishing interface heights	• Default output-height to support downstream Canon-finisher. • DFA output height 860 mm (optional) • DFD output-height 1002 mm (optional)
Dimensions (W x D x H)	899 x 745 x 1040 mm
Weight	Empty ~120 kg; Full ~300 kg: includes 2 x 90 kg stacks based on 80 gsm A4 plain paper
Power supply	Own power supply. Mains power input via C14 inlet. No power outlet 90V - 264V; 47Hz - 63Hz; Building fuse > 10A
Power Consumption	Off < 0.5W; Low Power <2W; Ready < 20W; Normal use < 200W
Features	The stack can be ejected immediately on request by pressing the local eject-button on the High Capacity Stacker. Both stopping on page- and set-boundary is supported. The maximum stack-capacity can be adjusted by the operator (SettingsEditor).

DOCUMENT INSERTION UNIT - N1

Paper trays	2
Paper capacity	200 sheets per tray (80 gsm; 20 lb. Bond)
Paper sizes	Up to 320 x 488 mm, 13 x 19.2"
Media weight	50-300 gsm
Media supported	Plain paper, colored paper, coated paper
Dimensions (W x D x H)	336 (746 when tray out) x 793 x 1407 mm; 13.23" (29.37") x 31.22" x 55.39"
Weight	61 kg; 122 lb.
Power	120V - 230V 1A

BOOKLET TRIMMER - F1 *(only with Booklet Finisher W1)*

Trim width	2- 20 mm; 0.08" to 0.78"
Trimming size (before half fold)	A3, A4R, B4, SRA3, Letter R, Ledger, custom sizes: 279.4-210 mm to 330.2 x 487.7 mm / 13" x 19.2"
Trim capacity	Up to 50 sheets (80 gsm / 20 lb.) 48 sheets (80 gsm/ 20 lb.) + 2 cover sheets (300 gsm/ 110 lb)
Media weight	50-300 gsm
Output capacity	30 booklets
Waste tray capacity	1500 trimmed strips
Dimensions (W x D x H)	1575 x 770 x 1040 mm ; 62" x 30.3" x 41"
Weight	152 kg; 335 lb.
Power	120-127VAC, 50/60Hz, 4A ; 220-240VAC, 50/60Hz, 4A

2 KNIFE BOOKLET TRIMMER - A1
(only with Booklet Finisher W1 and Booklet Trimmer -F1)

Trimming size (before half fold)	A3, A4R, B4, SRA3, Letter R, Ledger, custom sizes: 279.4-210 mm to 330.2 x 487.7 mm / 13 x 19.2"
Trim thickness	Up to 50 sheets (80 gsm / 20 lb.) 48 sheets (80 gsm/ 20 lb.) + 2 cover sheets (300 gsm/ 110 lb)
Trim width	2-15mm / 0.08" to 0.59", top and bottom
Media weight	50-300 gsm
Output capacity	30 booklets
Waste tray capacity	750 x 2 (top/bottom) trimmed strips
Dimensions (W x H x D)	536 x770 x 1040 mm ; 21.1" x 30.3" x 41"
Weight	145 kg ; 319 lb.
Power	120-127VAC, 50/60Hz, 4A; 220-240VAC, 50/60Hz, 2.3A

For more information about the printer specification, kindly refer to our website www.canon.com.sg.

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