



varioPRINT 140 series QUARTZ
PERFORMANCE
THROUGHOUT

**Monochrome production printer for light-
and mid-volume production**

Canon

ACCELERATE YOUR BUSINESS WITH THE varioPRINT 140 series QUARTZ

The varioPRINT 140 series QUARTZ enables a diverse range of print jobs to be produced by users flexibly, quickly and efficiently. Thanks to innovative technologies, it offers high uptime and consistent matte offset like quality prints whilst producing no ozone emissions and minimal toner waste. All built for your sustainable and productive printing business.



IMPRESSIVE PRODUCTIVITY

- Up to 143/133/117 ppm and a duty cycle up to 800,000 A4 volume and 2.3 million peak volume per month
- Remote Manager for central job management of up to five PRISMAsync-driven digital presses
- Upgrade speed with temporary or permanent licenses, providing flexibility to respond to changes in levels of demand
- Up to 12,000 A4 sheet input capacity for unattended production



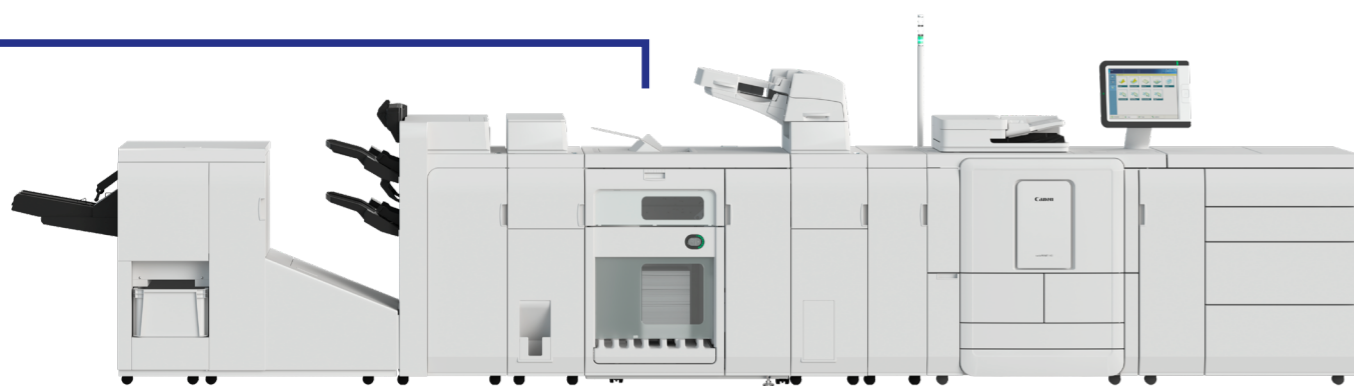
OUTSTANDING IMAGE QUALITY

- Offset image quality and consistency with DirectPress Technology
- ScreenPoint Technology automatically converts colour images to grayscale
- Monocomponent toner and DirectPress Technology all but eliminate quality degradation
- Intelligent, sensor-controlled, front-to-back registration



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



UNBEATABLE RELIABILITY DAY-IN, DAY-OUT

INTEGRAL PRODUCTIVITY

The varioPRINT 140 series QUARTZ helps you to deliver more jobs faster with up to 143 ppm no matter whether you print simplex or duplex.

With a maximum duty cycle up to 2.3 million volume per month, you can even trust to meet deadlines at high peak seasons. Thanks to DirectPress, true digital imaging technology and components that last a life time, the varioPRINT 140 series QUARTZ has best in class uptime for your daily success.

MANAGE YOUR UPTIME

Thanks to PRISMAsync, the operator panel combines controller, user interface and engine in one integrated concept. All system functions and settings are accessible from the colour touch screen and you can easily configure the system to drive production printing, scanning, copying, and advanced job editing.

The user interface displays the total production schedule, indicating when jobs will be finished, allowing production planning for up to eight hours in advance. Paper Logic® ensures correct media loading even with pre-printed or pre-punched stock, virtually eliminating errors and waste.

DESIGNED FOR SUCCESS

No matter what the print environment, we 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 140 series QUARTZ 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.



A THOUSAND PRINTS ZERO DIFFERENCE



CONSISTENT HIGH-QUALITY PRINTING

DirectPress replaces multiple process steps involving many variables with a single, stable, digital process which isn't affected by light, static charge, temperature, humidity, developer or toner mixtures. It ensures you benefit from highly stable and consistent quality output without streaks, striping or banding.



DURABLE PRINT QUALITY

ScreenPoint technology reproduces perfect halftones and photographs with exceptional resolution, dense black fill and precise fine lines. You can print colour files in black & white. The system supports quality conversion to generate smooth grayscale transitions. You can also adjust image contrast and control the lightness or darkness of an image with no loss of detail.



DIVERSE RANGE OF MEDIA AND ADVANCED PAPER REGISTRATION

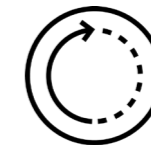
DirectPress technology presses the image directly onto the paper using a low fusing temperature. This means you can use a diverse range of media including structured or textured stocks, allowing you to offer a wide selection to your customers. You can also rely on accurate duplex printing. An intelligent sensor-controlled process produces precise front-to-back image registration.

LESS ENERGY, MORE SPEED YOU CAN DO BOTH



CLEANER AND OZONE FREE

The streamlined printing process—with no electrical charge used—provides a cleaner work environment, without ozone emissions, selenium, fuser oil, or developer, and virtually no toner waste or particle emissions.



CLOSING THE ENERGY LOOP

HeatXchange technology recycles the heat used to fuse toner onto paper, reducing energy consumption. The low-fusing temperatures allow the machine to run cooler, helping keep your print room cooler, further reducing energy consumption.



SMARTER ENERGY USAGE

EnergyLogic's smart balancing of energy provides a fast first-print/copy-out time and no stoppage during mixed media jobs—only a speed adjustment if needed. The result is extra productivity, saving time as well as energy.



FIRST-TIME-RIGHT OUTPUT

Easy operation, reliable media handling, and PaperLogic are just some of the features that help reduce waste by maximizing first-time-right prints.



PRODUCTIVITY TAKEN TO THE NEXT LEVEL

The varioPRINT 140 series QUARTZ's innovative technologies deliver true digital printing, energy efficiency, and integrated workflow that ramp up your business for profitability.

KEY FEATURES

1 STAPLE AND BOOKLET FINISHER

Corner staple up to 100 sheets or saddle-stitch up to 100-page/25-sheet booklets in paper sizes up to 320x488 mm. External side joggers keep output in neat stacks. An optional hole puncher is also available.

2 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 Booklet Finisher to produce professional, full-bleed booklets in-line.

3 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.

4 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.

TECHNOLOGY

5 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.

6 HEATXCHANGE TECHNOLOGY

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

7 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 AND USABILITY

8 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.

9 SCREENPOINT TECHNOLOGY

Optimizes the conversion of colour images to black and white and generates smooth, grayscale transitions.

10 PRISMASYNC USER INTERFACE

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

11 SPEED OPTIONS

The varioPRINT 140 series QUARTZ offers incredible flexibility with permanent or temporary speed licensing upgrades from 115ppm to 130ppm or 140ppm.

FEEDING

12 DOCUMENT INSERTION UNIT

Enables insertion of colour covers and inserts.

13 PAPER INPUT CAPACITY

4,000-sheet input capacity from the main engine cassettes is standard.

14 FORM ASSIST MODULE

A device which increases input capacity of special media with irregular thickness, reducing risk of paper jams and increasing productivity without modifying the paper tray.

15 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.

When space is at a premium, a simple output tray provides stacking for up to 250 sheets.

DFD ADAPTER AND BRIDGE*

Increase your output flexibility by adding 3rd party finishing equipment either directly beside the engine or beside the staple and booklet finisher which will open up endless possibilities.

SQUARE-FOLD BOOKLET-MAKER*

Deliver professional-looking, lay-flat booklets with the speed and simplicity of in-line saddle-stitching. The BLM35/50 Professional Booklet-Maker extend booklet-making capabilities up to 200 pages/50 sheets.

SDD PRESS-TRIM-MODULE PTM7006*

Give books a professional appearance with face trimming for sharp, uniform edges on every page. Making booklets neater and easier to pack, stack and distribute with automatic flattening

*Not shown in configuration

SDD SQUARE-FOLD MODULE SFM7004*

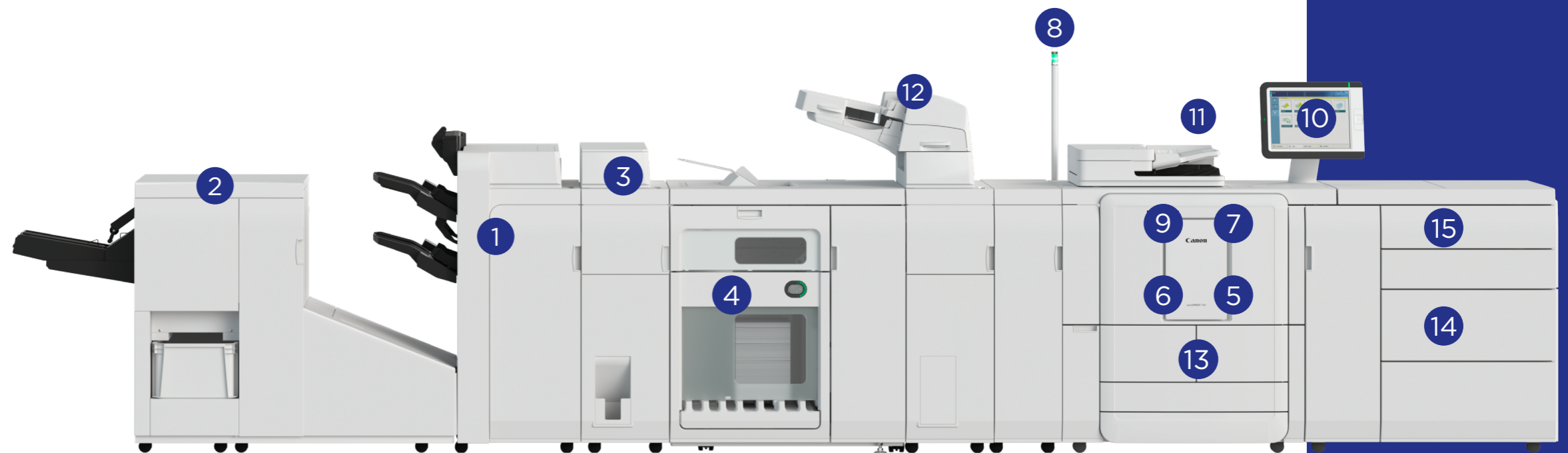
Enhance the appearance of booklets with completely square spines creating a professional magazine or book-like finish. Print text on the spine for more versatile booklet creation

SDD CONVEYOR BELT STACKER CBS6060*

A short belt of 45 cm that collects booklet output coming from the SDD Press Trim

PROFESSIONAL DIE PUNCH AND EWIRE PRO*

The Multi Functional Professional Puncher handles a broad range of media sizes and weights; interchangeable die sets provide a variety of punch patterns. The optional eWire Pro produces in-line ring-bound books and eliminates manual intervention.





Canon

Canon Inc.
Canon.com

Canon Europe
canon-europe.com

English Edition
© Canon Europa N.V. 2023

Canon Europe Ltd
4 Roundwood
Avenue
Stockley Park
Uxbridge
UB11 1AF