# PRESS ON!

**Canon**

## varioPRESS iV7

The Ultimate B2 Sheetfed Factory

# THE ULTIMATE B2 SHEETFED FACTORY

Powered by Canon's inkjet technology innovation, the varioPRESS iV7 brings you the Ultimate B2 Sheetfed Factory.

Whether you're migrating offset volume, replacing legacy toner systems or upgrading existing inkjet systems, the varioPRESS iV7 delivers exceptional, on-demand productivity with intelligent automation to meet tight deadlines and evolving customer needs.

From short-run jobs to personalised campaigns, it empowers your operation to stay agile and productive. With the varioPRESS iV7, you don't just respond to business demands, you press on.

**PRESS ON!**
With its broad media versatility and consistent eye-catching image quality, the varioPRESS iV7 supports a wide range of substrates for applications on coated media, uncoated media and selected board stocks.

It can expand your possibilities thanks to the B2+ format and up to 450gsm media support, helping you boost both your operational efficiency and your profitability.

Open and flexible workflow integration empowers you to work efficiently, simplify operations, respond faster to customer demands and pursue higher margins in the highly competitive B2 printing market.

The varioPRESS iV7 helps you embrace a smarter, more sustainable way of working with high-speed output, reduced waste and automated intelligence to fuel business growth. It's designed to be more than a press.

It's your Ultimate B2 Sheetfed Factory, empowering you to press on!

**IT'S YOUR ULTIMATE B2 SHEETFED FACTORY, EMPOWERING YOU TO PRESS ON!**

**WORK EFFICIENTLY. SIMPLIFY OPERATIONS. RESPOND FASTER TO CUSTOMER DEMANDS. PURSUE HIGHER MARGINS.**

# TURN BUSINESS DEMANDS INTO IMPRESSIVE RESULTS

## EXCEPTIONAL PRODUCTIVITY AND EFFICIENCY

- ⊘ Fastest digital B2 press in the industry today with up to 8700 B2 4/0 and 4350 B2 4/4 sheets per hour*

- ⊘ Up to 4.5 million equivalent B2 images per month*

- ⊘ Straight, reliable air- and vacuum-supported paper transport

- ⊘ Uninterrupted printing thanks to combined pallet and drawer feed, and automated pallet unloading

- ⊘ Driven by PRISMAdrive high-performance digital front end

## VERSATILITY WITH VELOCITY

- ⊘ Wide range of applications on offset coated media, uncoated media and selected paperboards

- ⊘ Broad range of media support from 60gsm to 450gsm

- ⊘ Versatile media size handling from as low as 480 x 297mm to 750 x 614mm

- ⊘ Optimised sheet usage with ganging efficiency

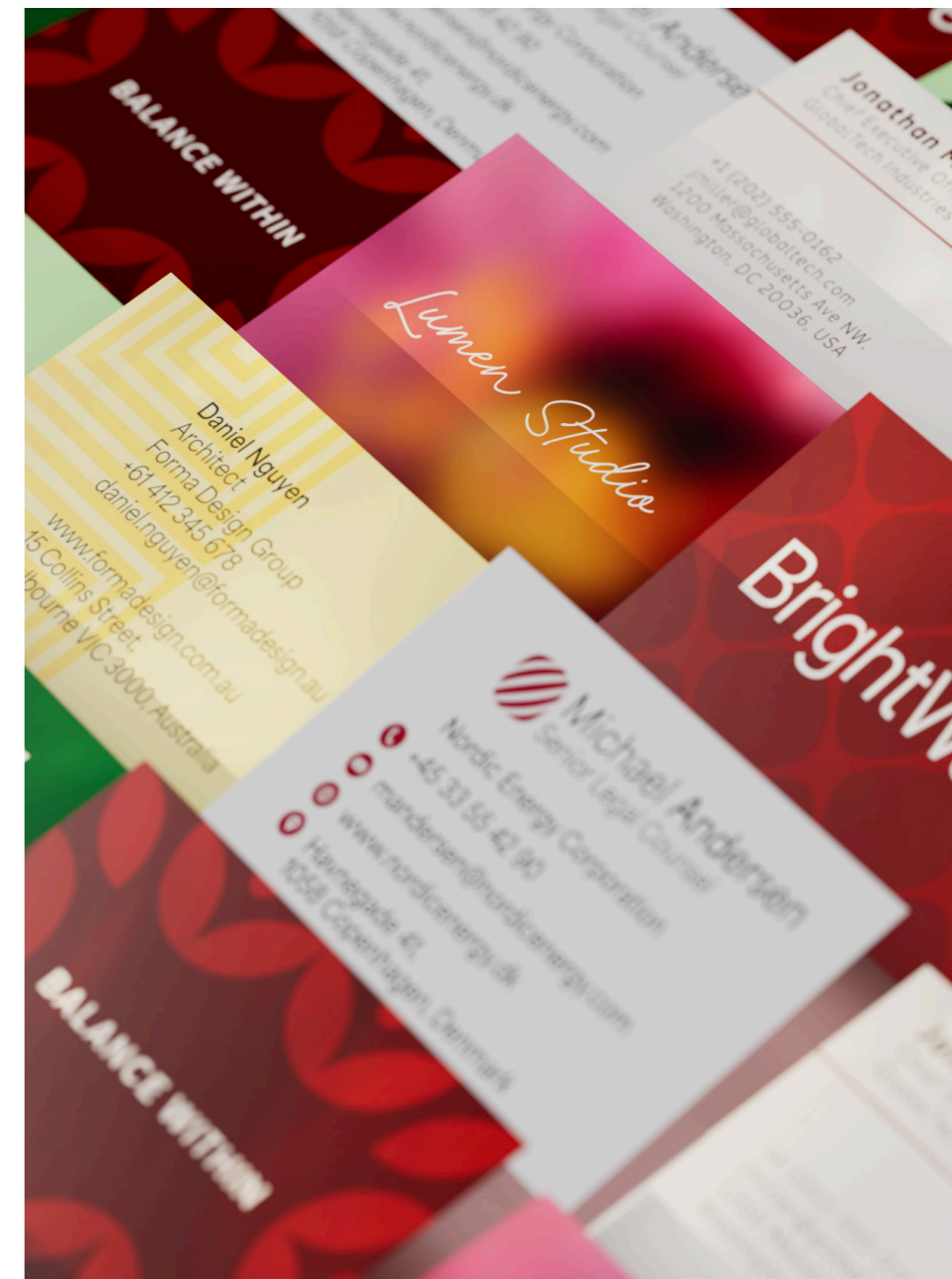- ⊘ Straight paper path for reliable media handling

## CONSISTENT, EYE-CATCHING QUALITY

- ⊘ High-precision in-house-developed 1200dpi printheads with multilevel drop size

- ⊘ Water-based polymer pigment inks with ColorGrip conditioning for vibrant colours, smooth gradients, razor sharp text and lines on a wide range of media

- ⊘ Ink recirculation designed to optimise nozzle performance

- ⊘ Intelligent quality control mechanisms for consistent, reliable quality

## SUPPORT FOR YOUR SUSTAINABILITY INITIATIVES*

- ⊘ High deinkability thanks to water-based polymer pigment inks*

- ⊘ Competitive, attractively low energy consumption

- ⊘ Bag in box ink packaging

- ⊘ Fully digital process that avoids print and paper waste

- ⊘ Low ink and tissue waste

# OPERATIONAL EQUIPMENT EFFECTIVENESS

**Designed to help you achieve OEE**
Operational Equipment Effectiveness (OEE) guided the development of the varioPRESS iV7. OEE measures efficiency through availability, performance and quality. By addressing all three, the varioPRESS iV7 can help you maximise uptime, output and reliability to help your print factory deliver more value with every shift.

**High availability**
The varioPRESS iV7 is designed for maximum reliability, with advanced diagnostics and structured serviceability to reduce downtime. It includes built-in tooling and predictive diagnostics to minimise stops and shorten repair times.
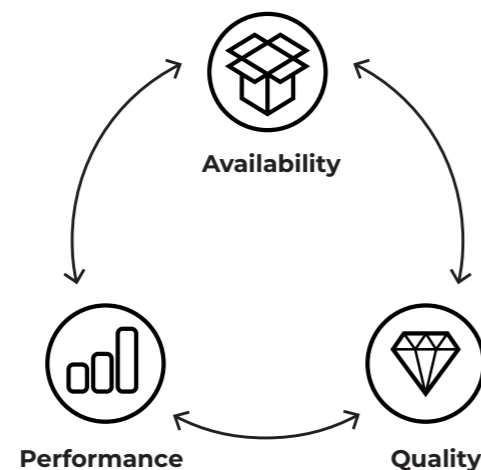
**High performance**
The varioPRESS iV7 prints up to 8700 B2 sheets per hour*, with continuous printing, accurate media control and sensors to maximise throughput and keep print gaps precise.

**High quality**
Our in-house-developed 1200dpi printheads, quality controls and automated routines ensure accurate output. Nozzle monitoring and self-maintenance keep printheads in peak condition, helping to meet customer expectations reliably.

EVERY MINUTE MATTERS
OPERATIONAL EQUIPMENT
EFFECTIVENESS (OEE)

Availability

Performance          Quality

* Based on Canon internal testing. Results may vary depending on media, job type, and operating conditions

# EXCEPTIONAL PRODUCTIVITY AND EFFICIENCY

**Every minute matters**
In commercial printing, every minute matters for your customer satisfaction and business performance. That demands a press built to stay ahead of demand.

The varioPRESS iV7 is almost twice as productive as its main competitors* thanks to a combination of speed, reliability and smart engineering. All key technologies in the varioPRESS iV7, such as paper input, air-supported transport, drying and fixation, operate in perfect synchrony to maintain a smooth, uninterrupted print flow.

**Press on: hit your deadlines with short runs**

- Meet service level agreements and turnaround commitments with confidence

- Produce more jobs in less time, just in time, while reducing waste, overproduction and unnecessary costs

- Support flexible shift planning and labour allocation through high automation and minimal operator intervention

- Maintain high uptime and stay in control of press availability with predictable, well-timed maintenance

**Flexible workflow integration with PRISMAdrive Digital Front End (DFE)**
Our high-performance PRISMAdrive helps you unlock the productivity and performance potential of the varioPRESS iV7. It integrates seamlessly into existing environments to further enhance your efficiency.

Every company has its own way of working, and no two workflows are exactly alike. That's why we believe in an open, flexible approach that supports your current setup while keeping you ready for whatever comes next.

PRISMAdrive DFE integrates with any print ecosystem. It's backed by Canon's workflow expertise and works together with our own software developed in close collaboration with trusted local and international partners. Using industry-standard JDF/JMF protocols, we ensure your workflow remains adaptable, future-ready and entirely in your control.

## SMART SERVICE, BUILT IN

**Proactive service for smooth operations**
The varioPRESS iV7 is designed to keep your operation running smoothly with intelligent service tools that reduce downtime, boost autonomy and adapt to your workflow.

**Smart service and predictive maintenance**
With early alerts and structured scheduling, the varioPRESS iV7 helps to minimise unplanned interruptions and maintain high uptime.

**Built-in flexibility for efficient operation**
Operators can carry out routine tasks independently on the varioPRESS iV7, giving them more control and reducing reliance on service calls.

**Intelligent diagnostics and remote support**
Canon specialists can assist in real time with guided troubleshooting, while operators use mobile tools for fast, on-the-spot fixes on the varioPRESS iV7.

**Service that adapts to your workflow**
The varioPRESS iV7 includes intuitive workflow charts and flexible support tools, empowering operators to act quickly and confidently.

# THE ULTIMATE B2 SHEETFED FACTORY

**AIR- AND VACUUM-ASSISTED PAPER TRANSPORT**
Vacuum-supported belt system helps ensure smooth, stable handling from lightweight sheets to heavy board

**COLORGRIP**
Smart surface preparation contributes to optimal ink adhesion and high quality on coated and uncoated media

**INK RECIRCULATION**
Works together with targeted purging to keep ink in optimal jetting condition and reduce ink waste

**FIXATION**
Instant heat with controlled humidity fixates the ink's polymer particles into a durable layer, delivering robust prints ready for finishing on a wide media range

**ACTIVE REGISTRATION**
Multi-point sensors and steering wheels precisely align each sheet, ensuring consistent registration and sharp results

**DRAWER MODULE**
Two high-capacity drawers per module, reloadable during operation, keep production flowing without interruptions

**PRODUCTIVE PAPER INPUT WITH PALLET AND DRAWER**
Proven airflow and suction feed enables fast, reliable media loading across all substrates

**DUAL MONITORS LEFT & RIGHT**
Twin side-by-side screens give operators instant visibility and control, streamlining operation and reducing training needs

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**PRISMADRIVE DFE**
High-performance PRISMAdrive front end integrates seamlessly, simplifying workflows, boosting productivity and empowering intuitive operator control

**HIGH-CAPACITY PALLET STACKING**
For stack heights up to a maximum of 900mm to support long print runs with minimum interruption

**STRAIGHT PAPER PATH**
Direct paper path with minimal turns supports reliable media handling and consistent high-speed quality

**DRYING**
Hot-air impingement on a vacuum-controlled belt efficiently removes the ink's aqueous moisture while keeping sheets flat and stable

**INTELLIGENT QUALITY CONTROL**
Inline monitoring with Nozzle Activity Control (NAC) and Nozzle Uniformity Control (NUC) supports reliable, first-time-right results

**WATER-BASED POLYMER PIGMENT INKS**
Specifically formulated to deliver high colour intensity, vibrant colour, excellent robustness and consistent jetting stability

**IN-HOUSE-DEVELOPED 1200DPI PRINTHEADS**
Native 1200dpi resolution with multilevel drop size delivers sharp detail and smooth gradients

PRISMA drive

varioPRESS iV7     9

# VERSATILITY WITH VELOCITY

**Seamless personalisation and short-run production**
In commercial printing, media jobs can shift by the hour, from featherweight to board stock. That takes versatility with velocity.

With the varioPRESS iV7, full variable data support enables customised content and tailored visuals for high-impact, targeted communication. You load it. It flows. Simply press on.

**Wide media range**
Print confidently on offset coated media, uncoated media and selected paperboards up to 450gsm for wide application flexibility.

**Broad application scope**
The varioPRESS iV7 supports a full spectrum of commercial print applications, from books, marketing collateral and premium mailings to pocket folders, 6-panel brochures to postcards and greeting cards.

**Flexible format handling**
B2+ size range offers greater imposition efficiency, reducing waste and enabling more jobs per sheet or supporting the optimum number per sheet with less waste, also for smaller sizes.

**Innovative two-step drying and fixation**
Innovative drying process ensures flat, durable output ready for finishing and embellishments across a wide variety of substrates.

**Straight paper path**
A straight, air- and vacuum-supported path provides smooth, stable handling to support consistent results on every media type.

**Designed for flexible efficiency**
PRISMAdrive offers a customisable user experience. Operators can easily configure preferences, check ink levels, and manage media. Like other PRISMA tools, the system is intuitive and easy to learn, making it accessible to operators with a wide range of experience levels.

**FROM BOOKS TO POCKET FOLDERS TO 6-PANEL BROCHURES TO POSTCARDS AND GREETING CARDS. PRESS ON!**

# CONSISTENT, EYE-CATCHING QUALITY

## Deliver vibrant, consistent quality prints
In your commercial printing operations, print quality is non-negotiable. From the first to the final sheet, the quality has to shine. With the varioPRESS iV7, you're empowered to press on for sharp, stunning, bold, brilliant applications.

### High-precision printheads
In-house-developed 1200dpi printheads with multilevel drop size modulation deliver razor-sharp detail and smooth gradients.

### Vibrant inks with ColorGrip
Polymer pigment inks combined with ColorGrip conditioning produce bold colours and consistent quality across coated and uncoated media.

### Intelligent quality control
Intelligent quality control systems detect and correct nozzle failure to help ensure consistent, accurate output.

### Colour consistency inherent in inkjet technology
Non-contact technology maintains stable colour reproduction over time, minimising wear and supporting long-term reliability.

### Automated maintenance
Built-in capping, wiping and recirculation reduce operator tasks, maintain uptime and keep printheads in peak condition.

### Active multipoint registration
Precision sensors and steering maintain accurate front-to-back alignment, supporting consistent, high-quality results.

# SUPPORT FOR YOUR SUSTAINABILITY INITIATIVES*

### Support for your sustainability initiatives*
Less waste and more margin can support both your sustainability efforts and your bottom line.

### Efficient energy use
Competitive energy consumption per printed sheet helps reduce costs and environmental impact.

### Sustainable ink packaging
A 10kg bag in box system reduces plastic waste and simplifies consumables handling.

### High deinkability inks*
Water-based inks are designed to support high deinkability improving paper recyclability in appropriate recovery systems.

### Low-waste design
Reduced ink purging and tissue use keeps consumable waste to a minimum.

### On-demand efficiency
Digital print eliminates plates and overproduction, cutting waste and lowering inventory risk.

### Negligible ozone emissions during operation*
Inkjet technology produces negligible ozone emissions during operation, supporting a cleaner production environment.

# CONFIDENCE WITH CANON

**Born from passion. Built on expertise**
Success in sheetfed inkjet printing demands more than just technology. It requires expertise in applications, professional services and business development.

That's what you get when you partner with Canon. We have 10 years of experience in working closely with commercial printers, from family-owned companies to global enterprises, to build their sheetfed inkjet printing business.

Together with our customers, we envisioned the possibilities of sheetfed inkjet printing. Together with them, we continue to develop the business models and flexible digital printing workflows that create profitable print applications.

We love the boundless potential! Born from passion. Built on expertise.

**Grow with a global market leader**
As a global market leader in production sheetfed inkjet printing, Canon offers you broad experience in this segment.

And today, we're working to create an even bigger, faster and more profitable future with sheetfed inkjet. So you can invest with confidence.

# THE ULTIMATE B2 SHEETFED FACTORY
## varioPRESS iV7

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BUILT ON EXPERTISE.

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