

imagePRESS V1350

# UNLOCK YOUR ASPIRATIONS



**Canon**

# BREAK FRESH GROUND



**As a busy commercial or in-house print service provider (PSP), every day is fast-paced and demanding and you need to churn more complex jobs than ever before.**

So you may be looking to print longer runs digitally or expand the range of applications you offer, while, of course, getting the best return on investment from your print equipment.

But are you finding that your current device just isn't up to the job?

If so, the Canon imagePRESS V series of digital production printers could be your answer.

We've taken a fresh look at our toner technology and with the V series have set a new standard in cut-sheet toner productivity.

The latest evolution of the hugely successful imagePRESS family, the imagePRESS V series comprises the V1350, which offers the highest productivity in the series and in its class of toner production presses, the V1000, the mid-range production press in the series, and the V900, a lighter volume production press that offers the most extensive range of applications printable on one compact device.

Featuring progressive technology that takes toner printer performance to a new level, the V series can help you overcome all your everyday production challenges – including meeting those demands for high quality, and producing variable-content print within the tightest of deadlines.

Robustly built, the series has been engineered for continuous, reliable productivity, consistent, stable colour and class-leading, front and back registration accuracy.

The imagePRESS V1350 is the flagship of the imagePRESS range of colour digital production presses that offers exceptional performance, allowing you to turn around jobs in the shortest of timeframes and without compromising on quality.

For PSPs and in-house printing departments with high volumes that want to push their productivity limits, the imagePRESS V1350 will give you the reliability and uptime you need. It has been designed to do all the hard work for you and never let you down, so you can focus your time elsewhere and show your customers the other ways you can offer them value.



# HIGHEST PRODUCTIVITY IN ITS CLASS

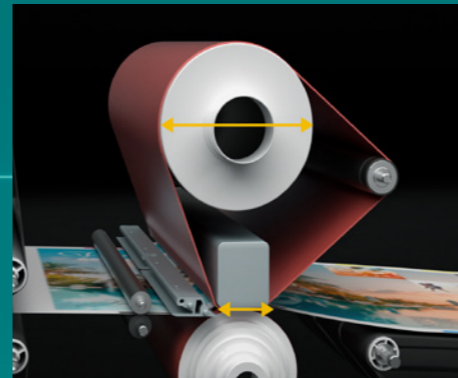
**More and more PSPs, both commercial and in-house, are looking to invest in cut-sheet toner printers that give you the ability to turn around jobs as quickly as possible – even for variable content jobs – while being able to handle a variety of different applications.**

High productivity – and importantly, consistently high productivity – is what you want from your investment in a production printer. The V1350 gives you that and much more. The robust, highly rigid frame and reinforced image formation drive system make the V1350 very stable, durable and reliable – ideal for continuously printing a high volume of high-quality materials (product catalogues & leaflets) at high speed.

To achieve the best return on investment (ROI) on a press, it needs to be constantly running at full capacity. That's why we've enhanced the ergonomics of the imagePRESS V1350 to make it the most robust imagePRESS yet, capable of delivering maximum productivity with minimal downtime.

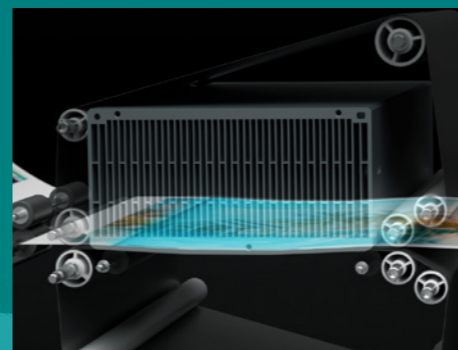
The imagePRESS V1350 has a maximum speed of 135ppm, a monthly duty cycle of 2.4m A4 pages and a lifetime of 72 million pages, offering the highest productivity in its class, allowing you to turn around jobs in the shortest of timeframes.

The exceptional productivity of the V1350 is enabled by:



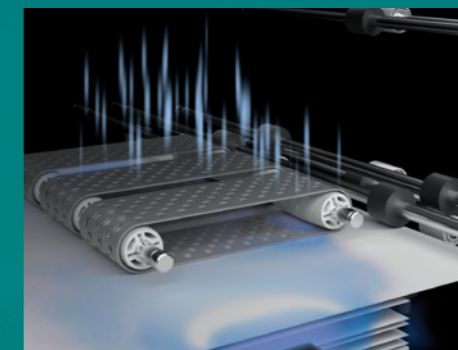
#### **POD-SURF fixing unit with air separation system**

Featuring a large heating roller and a nip with a large fixing area that delivers sufficient heat quickly enough to fuse the toner and produce high-quality print, even at 135ppm. And although fusers tend to get hotter during the course of a job, resulting in less and less gloss level the longer a job goes on, because the POD-SURF maintains a uniform temperature throughout the job, any difference in gloss levels are minimised. Light, thin paper, requires the most efficient paper transport, so the air separation system assists the separation of the paper from the POD-SURF before it is fed into the integrated air-cooling system.



#### **Integrated cooling system**

Cools the media by up to 25% immediately after fixing and prevents it from sticking or warping. The system, unique to Canon, helps the V1350 to deliver its industrial performance, able to support long, continuous periods of printing at rated speed even for coated paper.



#### **Vacuum-feeding mechanism**

Eliminating the use of a roller mechanism, the vacuum-feeding mechanism, which is incorporated into all the V1350's paper cassettes and POD decks, separates each sheet of coated paper from the rest and reliably feeds it into the transport path.



#### **A more horizontal paper transport path**

Flattening the paper feed path, the load on the paper is reduced and even thick paper of up to 500gsm can be fed reliably from input to output.

These technologies combine to keep production speeds high, giving you a constant 135ppm for paper between 60gsm and 256gsm and then a constant 105ppm between 257gsm and 500gsm.

The design of the V1350 also allows media and toner changes while the press is running, and provides remote alerts when consumables are running low, so that there are no unscheduled stops or slowdowns.

Device status information is available in real time from any location with PRISMAsync technology. Operators can check the status of the device remotely on their smartphone, tablet or computer via PRISMAsync Remote Control and, via PRISMAsync Schedules, to check when the paper/toner will need to be replaced.

Because paper jams impact productivity, the imagePRESS V1350 features Canon's unique Paper Deck Double-Feeding Detection Kit which identifies potential multi-sheet feeds and prevents paper jams. No operator intervention is required and production continues uninterrupted.

# FREE UP OPERATOR TIME THANKS TO ASSURED QUALITY

**Productivity is vital, of course, but quality keeps your customers coming back for more.**

Print quality needs to be a given, without the need for constant supervision from a skilled operator so you can focus their time on helping to grow the business. The imagePRESS V1350 comes with automated quality control features built-in and others available as options such as the Sensing Unit, Inspection Unit and PRISMAsync Automated Colour Task.

While offset-like print quality is the norm for the V1350, customers also expect that that quality will be maintained from the first to the last sheet of every job, whatever the run length and that it will hit the mark without having to be constantly monitored.

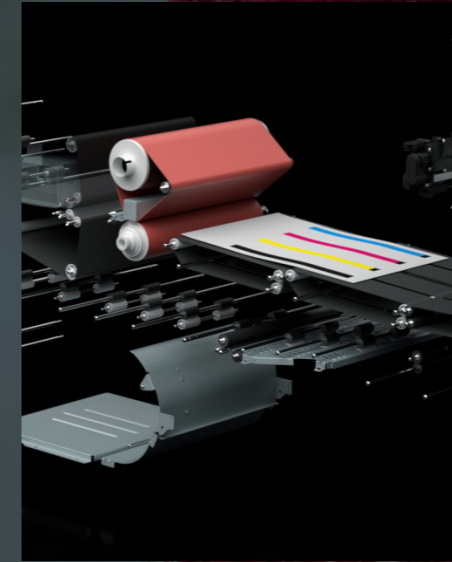
Premium image reproduction is a key aspect of production print quality. And you also need pristine, flat sheets, with no warping and sticking or bricking if you have to leave a job standing.

imagePRESS print quality is never in question. Your customers can depend on the imagePRESS V1350 to deliver every job — whatever the media — in stunning, consistent quality.

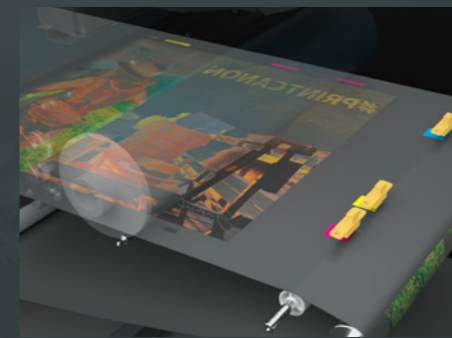


New technology features that deliver productivity also have a big impact on quality — the new flatter transport path, the POD-SURF fixing technology, air separation and cooling system.

These are in addition to:



The built-in, **In-Line Spectrophotometric Sensor (ILS)**, which makes any necessary colour adjustments automatically and accurately. The ILS manages complex colour measurement and correction processes without operator intervention and automatically performs colour calibration, profiling and verification with the Digital Front End, whether that's PRISMAsync or Fiery imagePRESS Server.



The **Multi-D.A.T. colour correction system**, which automatically corrects and delivers consistent and stable colour on every page, irrespective of the print job length and without any operator intervention.

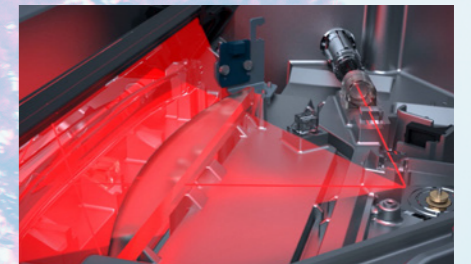


The **Diagonal Feed Registration Unit, Contact Image Sensor (CIS) and Pre-Registration Roller**, which combine to make the V1350 the most accurate in its class for front and back registration (0.5mm). Detecting the paper position with the CIS sensor and correcting the horizontal position with the pre-registration roller controls the variation of the paper position due to the speed increase. The diagonal feed roller then pushes the paper against the conveying side to maintain the proper paper position. This automatically helps to prevent the need for additional operator checks.

These join existing proven imagePRESS technologies:



**CV (Consistently Vivid) toner** delivers consistent, precise and vivid imaging quality, supporting high productivity.



**R-VCSEL (Red Vertical Cavity Surface Emitting Laser)**, the world's first laser scanner to fire 24 red beams simultaneously, provides a smaller spot diameter and achieves a resolution of 2,400 x 2,400dpi for high-definition output.

**Multi-Laser Exposure Technology** images every dot twice to capture the best definition of each image and create a high-definition latent image on the drum.

**Multiple screen pattern** choices are delivered by the R-VCSEL technology during imaging, with 190 dot the default for vector elements and 230 dot the default for text.

# PACKED WITH PRODUCTIVITY FEATURES

**Consumables** — media, toner and toner waste — can all be changed without stopping the printer.

**Automatic alerts** tell operators when they're running low, avoiding unscheduled stops or slowdowns.

**PRISMAsync** enables operators to check the status of the device via PRISMAsync Schedules and remotely on a smartphone via **PRISMAsync Remote Control**, and also check when the paper and toner need to be replaced.

**Device status information** is available in real time from any location.

**Paper Deck Double-Feeding Detection Kit** helps to prevent paper jams which can impact productivity. No operator intervention is required and production continues uninterrupted.

## FROM PAPER TO POWERFUL PRINT

The new V1350 can be configured with many options, from the standard to the full configuration and everything in between.

For maximum capacity, up to two POD Decks can be attached, giving a maximum stacking capacity, including the main body, of 9,000 sheets.

The POD Deck has an embedded Paper Deck Double-Feeding Detection Kit, so if two or more sheets accidentally leave the tray at the same time, it will automatically divert the detected sheets to the escape tray which ensures no disruption to productivity.

To feed long-sheet media, you can add to the POD Deck in combination the BDT Banner Feeder. The BDT 370 VX Long Sheet Feeder (BDT Banner Feeder) has a 5,000-sheet capacity. Its precise registration and versatile media handling make it ideal for fast, high-quality output of banners, book covers and dust jackets.



For a seamless end-to-end workflow, the following existing Canon and third-party finishing equipment has been validated as compatible with the imagePRESS V1350:



High-Capacity Stacker



Paper Folding Unit



Plockmatic BLM35/50 Booklet Maker



Plockmatic Multi-Purpose Stacker



Staple and Booklet Finisher



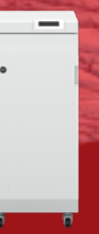
Document Insertion Unit



Perfect Binder



SDD Thunder



Multi-Function Professional Puncher

With these technologies, you can offer customers a huge variety of high-quality products to help you grow your business, including:

- | Forms and direct mail | Books | Business cards
- | Catalogues | Promotional materials
- | Point of Purchase/Sale materials
- | Cards and photo books



# ACCELERATE AHEAD

To access every opportunity out there, you need the flexibility to tackle more diverse briefs, offer innovative formats and manage mixed media jobs and longer print runs. And you want to feel confident that, when taking on such jobs, your printer won't let you down.

## POWERFUL

### A TRUE PRODUCTION PRESS

The imagePRESS V1350 has a maximum speed of 135ppm and a monthly duty cycle of 2.4 million A4 pages to help you take on more jobs – now or in the future.

Built on a proven technology platform engineered for durability, you can rely on the V1350 to churn large volumes of jobs day in, day out. Thanks to its heavy-duty build quality, the printer offers a lifetime of 72 million pages.

The internal imaging technologies have been reinforced for increased stability to support long, continuous periods of printing at high speed without paper jams or multi feeds (even for coated paper).

## PROVEN

### RELIABLE AND CONSISTENT QUALITY

Being the imagePRESS flagship, offset-like quality is a given for the V1350 and is maintained from the first to the last sheet of every job, whatever the run length.

This is all thanks to the versatile screen options, including a 200lpi dot screen exclusive to the V1350, the highest accuracy in its class for front and back registration, and new quality control automation features within the press that make colour adjustments automatically. Perfect prints first-time round means less manual intervention and reduced waste.

## POSSIBILITIES

### THE BROADEST MEDIA RANGE

The imagePRESS V1350 supports the broadest media weight range of a digital colour toner press. More application possibilities mean more growth opportunities for your business.

It includes transfer technology that produces even colour and ensures that prints don't stick together when switching between media weights on the fly.

Its wide media range includes:

- Media weights from 60gsm to 500gsm
- A wide selection of paper types, including:
  - Embossed
  - Synthetic
  - Coated
- Auto-duplex printing up to 762mm

## PROUD

### ENGINEERED WITH SUSTAINABILITY IN MIND

The imagePRESS V1350 has been engineered with sustainability in mind, so will help your business by:

- Reducing power consumption thanks to the integrated POD-SURF unit and a lower energy consumption in sleep mode
- Lowering your carbon footprint and transportation costs with its reduction in weight and smaller footprint with its built-in cooling unit
- Contributing to the circular economy thanks to the long lifetime of the product, designed for maximum durability
- Reducing waste with the addition of the Sensing Unit and Paper Deck Double-Feeding Detection Kit, as well as the use of PRISMA workflow software for first-time ready prints

# GOING ABOVE AND BEYOND

Offset-like print quality is a given for the V1350, and you can expect quality to be maintained from the first to the last sheet of every job, without the need for constant supervision from a skilled operator.

Incorporating built-in automated quality control features, you can choose from additional technologies to ensure this happens:

The optional **Sensing Unit** automatically detects prints that don't match the registration and colour settings for the job, calibrates the settings before printing and maintains the settings throughout the print run, saving time and waste and maintaining productivity. Built in sensors save the time and expense of continuous manual calibration, while maintaining consistency and productivity.

The optional **Inspection Unit** automatically spots stains and streaks as small as 0.2mm so imperfect pages can be marked or removed and reprinted. By checking alphanumeric data, QR codes and barcodes, the inspection unit prevents mistakes in variable data.

With **PRISMAsync Automated Colour Task**, the push of a single button allows you to run all the required colour tasks in the correct order with limited operator intervention via the Automated Colour Task wizard.

These three optional extras deliver significant shared benefits:



**Improved quality**  
Automation reduces the risk of human error - a greater level of quality and consistency across long print runs



**Faster printing**  
Automatic pre-print adjustments coupled with real-time readjustments help get correct prints out faster, improving productivity



**Time savings**  
Eliminating manual processes gives customers' staff more time to focus on value-add tasks, such as design and finishing

**Want to understand more about how the imagePRESS V1350 can help you take on more jobs, profitably?**

Our Insight Programme gives you valuable market guidance to inspire you and encourage innovation in your business planning.

**Contact your local Account Manager today for a demo of the imagePRESS V1350.**


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