imagePRESS **V1000**

IT'S TIME
FOR A FRESH PERSPECTIVE

Canon

NEVER STAND STILL

Challenging times call for fresh perspectives. You change the way you look at what you do and how you do it. You look for efficiencies in every corner of the business. You find ways to do things better, faster, and more profitably to get the best results from your expertise, your people and your equipment.

And because your customers do the same, there are new opportunities for both your businesses.

At Canon, we constantly adopt fresh perspectives. So we've taken a fresh look at the imagePRESS family of production digital printers, to see what commercial and in-house print service providers (PSPs) need in today's ever evolving production environments.

We found that some things don't change. Every day is still fast-paced and demanding, with the same production challenges. You're still printing more varied jobs on more diverse media, to tighter deadlines, in shorter runs. And always without compromising on quality and consistency.

You need a robust digital print engine that can take any challenge in its stride — one that delivers all day, every day.

The new Canon imagePRESS V1000 gives you all the performance you expect from an imagePRESS, plus new features to deliver consistent productivity, quality, maximum reliability and uptime, along with a wider range of applications.

More applications mean more value for your business. From business cards to banners, design proofs to direct mail, packaging to posters and point of sale. However challenging the brief, you can be confident that the imagePRESS V1000 is up to the job.

CONSISTENTLY HIGH PRODUCTIVITY

Forget about slowing down when you change media. The imagePRESS V1000's new POD-SURF fixing technology lets you switch between heavy and light media within one job, and still print at the maximum speed of 100ppm. Consumables — media, toner and toner waste — can all be changed without stopping the printer. Automatic alerts tell you when they're running low, avoiding unscheduled stops or slowdowns. And you can get device status information in real time from any location.

QUALITY YOU CAN DEPEND ON

With 2,400 x 2,400dpi resolution, a default offset-like 190lpi screen pattern — among other choices — and translucent Consistently Vivid (CV) toner, premium image reproduction comes as standard on every imagePRESS. The imagePRESS V1000 adds new transfer technology and a new fixing system for pristine, flat sheets. The cooling unit — now a built-in feature on this new model — ensures no warping, sticking or bricking.

COMPACT FOOTPRINT

The imagePRESS V1000's best-in-class footprint — typically under 3m²* — squeezes maximum productivity and profit from every square metre of your print room.

*Standard configuration with Multi-Drawer Paper Deck and Booklet Finisher

ALL-ROUND MEDIA VERSATILITY

Tackle the most innovative formats on mixed media from 52gsm to 400gsm, smooth or textured, or even water-resistant, synthetic and magnetic media. Not only that, the imagePRESS V1000 can print auto-duplex on paper up to 1.3m, creating long-sheet applications such as banners. It handles the broadest range of any mid-volume production print engine — and all at a constant 100ppm.

AUTOMATED QUALITY CONTROL

High quality is assured without continuous operator supervision from first to last page. Calibrate and adjust colour at the push of a button with the built-in inline spectrophotometric sensor. Our Multi-D.A.T (Multiple Density Adjustment Technology) also gives real-time colour correction, giving you consistent, controlled quality and stable output over print runs - no matter how long the run-length.

END-TO-END AUTOMATED WORKFLOWS

Simplify complexity and respond to diverse demands with the highest levels of workflow efficiency. The imagePRESS can be configured with a wide range of powerful automated digital front ends, workflow tools and inline finishing options to build the print-to-finish configuration that's best for your business. Take your pick from either EFI Fiery or PRISMAsync controllers to manage every incoming job from pre-press to production.

Retail Market **Report**

EVEN BETTER
THAN BEFORE

What's good can always be made better. It's how you run your business and it's why we're always looking for ways to make improvements to the imagePRESS.

For the imagePRESS V1000 we looked at every stage in the sheet's journey through the printer — to get from start to finish faster, but without any compromise on quality. Whatever the media. Whatever the application.

IN-LINE SPECTROPHOTOMETRIC SENSOR

Real-time calibration ensures consistent, stable, high-quality colour throughout continuous printing — sheet after sheet, with no operator intervention and zero impact on productivity. Just press the button to adjust colour settings — engine/DFE calibration, profile creation, verification — and say goodbye to offline quality checks.

Lorenz Holder – Canon Ambassador

NEW TECHNOLOGY FOR HIGH-QUALITY IMAGE TRANSFER

A truly innovative new take on sheet transfer technology creates the optimal transport path for every sheet, thin or thick, by making the positions of the secondary transfer roller and back-up sheet variable, depending on the weight of the media. Because the secondary inside roller moves and changes position, this makes it easier for the media to peel off from the image transfer belt.
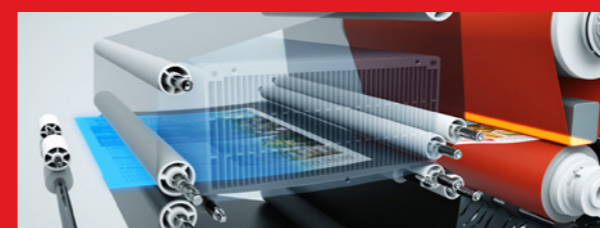
NEW POD-SURF FIXING SYSTEM

Regardless of whether you're printing on light or heavy media, there's no need to stop and adjust the fixing temperature. Fixing is done through a larger diameter heating roller and a widened contact patch that give stable, uniform control to the heat supply of the fixing belt. This also creates a flat straight nip during contact with the media, resulting in higher coverage. The same constant pressure being applied to both front and back papers means that envelopes can be printed wrinkle-free at speed.

NEW INTEGRATED COOLING UNIT

An innovative new built-in cooling system cools the heated media immediately after fixing by up to 25%. Efficiently removing heat from the media maintains high production speeds and minimises waste. Sheets won't warp or stick to each other, or brick if you must leave the job standing. The result is pristine, flat sheets for optimum quality and no loss of productivity.

NEW REGISTRATION CORRECTION SYSTEM

A new two-step registration correction system ensures perfect front to back alignment, even when duplexing long sheets up to 1.3m. Reverse horizontal registration correction and duplex skew correction deliver ultra-stable paper transport. An optional Sensing Unit automatically detects prints that don't match the registration and colour settings for the job, and then adjusts them on the fly.

MAKE IT SEAMLESS
WITH END-TO-END AUTOMATION

Being productive is no longer just about feeds and speeds. It's about production efficiencies through your entire end-to-end workflow. The imagePRESS V1000 is quick. And feeding and finishing equipment can make it even quicker. You now have a variety of options to choose from so you can manage even more.

Input more

To handle bigger volumes, add the Multi-Drawer Paper Deck E1 with the Paper Deck Double Feeding Detection Kit. This means if two or more sheets accidentally leave the tray at the same time, it will automatically divert the detected sheets to the purge unit. Again, this ensures no disruption to productivity.

Want even more? Including the capacity of the main body of the device, with two multi-drawer decks, multi-drawer deck and POD Deck Light XL, as well as the MP tray feeding, you can have a maximum stacking capacity of 11,100 sheets.

And don't waste time feeding long-sheets into the printer. The optional POD Deck Light XL and Bypass does it all for you.

Manage more

Just identifying and automating workflows for the most common job types can deliver impressive initial results. Use EFI Fiery or PRISMAsync controllers with the imagePRESS V1000 to manage every incoming job from pre-press to production. Automation within the print industry is commonly known to help with steps such as file reception, pre-flighting and data conversion. But hours of administrative time could be saved by automating back-office functions using a print management information system. Doing so will mean a seamless operation, so you can spend more time offering consultative value to your customers!.

Output more

Quality finishing adds impact to your print, and even more value to your business. Automate your imagePRESS V1000 production with Canon's comprehensive range of inline finishing solutions and you can produce more creative, innovative print applications more quickly and more cost-effectively.

MULTI-PAGE NEWSLETTERS AND BOOKLETS

Produce interactive, multi-page assets with more space for information and images, without the delays and expense of manual finishing or out sourcing.

Relevant products:
Booklet Finisher-AF1; Document Insertion Unit-R1; Plockmatic BLM35/50 Booklet Maker.

FOLDED LEAFLETS AND FLYERS

Create more memorable assets that stand up and stand out by adding any of five interactive folds: Z-Fold, C-Fold, Double Parallel, Half-Fold or Accordion Z-Fold.

Relevant products:
Paper Folding Unit-K1; Staple Finisher AF1; High Capacity Stacker.

BOOKS, MAGAZINES AND MANUALS

Save the time and expense of manually finishing large, professional publications, and produce the exact quantities needed, without stock wastage.

Relevant products:
Booklet Finisher-AF1; Document Insertion Unit-R1; Plockmatic BLM35/50 Booklet Maker; Perfect Binder-F1.

THINKING OF THE FUTURE

Canon's corporate philosophy 'Kyosei' — living and working together for the common good — means that the principles of sustainability and responsibility have been etched into our innovations from day one. We think of the environment when considering how our solutions are produced, transported, used and recycled.

YOU CAN START TODAY – SUSTAINABILITY MADE SIMPLE

With the imagePRESS V1000, power consumption can be saved by:

- The Paper Deck Double Feeding Detection Kit as there's no need to stop the system, so no excessive power consumption is required for recovery from any downtime.
- Automatically discharging a defective print to the escape tray, power is not wasted on creating or reprinting output that includes the defective image and so can't be used.
- Replacing consumables such as toner and paper, or replacing toner waste during printing, means less power consumption and processing time.
- Printing directly onto envelopes, power and processing time required for label printing can be reduced.

And what about resources and wastage?

- You won't need to throw away the misfed multiple paper sheets thanks to the Paper Deck Double Feeding Detection Kit, so resources can be saved.
- Doing a one-time test print — even for textured media — removes print wastage. Say 'goodbye' to multiple prints that have to go straight into the bin and enjoy the associated energy cost savings too.
- Since the V1000 can print on synthetic paper, lamination processing is not required, and resources are saved in the case of disposal through the delamination process.
- If the media in the drawer doesn't match the settings, the job can be stopped before printing, meaning reduced waste (and reduced power consumption and reduced CO_2 emissions too).

And that's not all. Remote service tools, such as eMaintenance, provide preventative maintenance, device diagnosis and automatic consumables ordering, reducing the environmental impact of service engineer visits.

WE DON'T JUST SAY IT. WE CAN PROVE IT.

Independent organisations can vouch for us.
The imagePRESS V1000 is ENERGY STAR certified.
It has also received the EPEAT Gold from the EPEAT Registry, the global rating system for greener electronics.

With the imagePRESS V1000, we're investing in the future — our future and your future. Let us support you on your journey. **It's time to be exceptional.**