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Canon

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English edition

THE UVGEL ADVANTAGE

Meet the Colorado family



Canon

In today's printing world, it is not enough to be the best at what you do. Customers increasingly want to be able to rely on you for a large variety of eye-catching, innovative applications – at a sharp price and immediate turnaround.

With the Colorado series and Canon's proven UVgel technology, you will no longer have to say 'no' or outsource lucrative jobs. Reinforce your reputation as forward-thinking print provider with a Colorado series Large Format Graphics printer, and confidently accept the most complex roll-to-roll jobs in-house.

You will be impressed by the productivity, reliability and versatility of the Colorado systems, every single day. Your customers will be impressed by the stunning quality you deliver – and the end products you can

offer them, based on numerous applications printed on all kind of media. Best of all, the Colorado printers are developed to fit neatly into your workflow, to give you ease and control and to help you bring down your operating costs. Their high productivity is supported by automation on an industrial level; the kind you only expect in bigger, more expensive engines.

UVgel technology was revolutionary when it was first introduced. Today, it has proven itself as the new standard in digital largeformat printing, with years of award-winning success in the 64" roll-to-roll market.

Stand out from the competition. Offer stunning quality and service. And enjoy the Colorado's low cost of operation at the same time. Embrace the UVgel advantage!



SHORTER LEAD TIMES

Breakthrough productivity

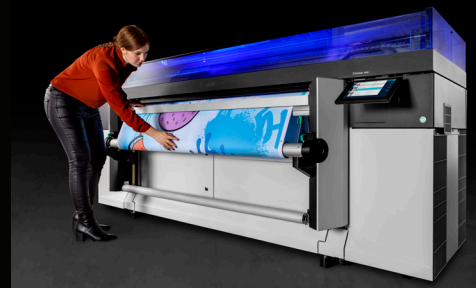
Customers are looking for ever shorter turnaround times. Did you know that more than 60% of large-format print jobs need to be delivered within 24 hours?

The Colorado series was developed for non-stop printing and unmatched productivity.

- High-speed printing with a consistent, high-quality output
- Instant-dry prints
- Controlled dot gain for better print quality in fewer passes
- Online media switching
- Ink refill while printing plus lower ink consumption
- Robust prints without lamination

Your Colorado will help you meet tight deadlines with ease, over and over again.

Enjoy unmatched productivity, reducing labour costs and increasing your revenue.



▲ FLXFINISH MATTE OR GLOSS

An ingenious curing strategy results in two distinct finishes: shiny gloss or velvety-matte



▲ REFILL INKS WHILE PRINTING

A large 2.5 litre reservoir allows operators to refill ink while printing, at their own convenience



▲ ONLINE SWITCHING AND AUTOMATED MEDIA FEED

Automatic media feed eliminates human error and speeds up your productivity. Switching media rolls does not require operator intervention, leaving your operators free to focus on business-relevant activities

UNATTENDED PRINTING

No need to babysit

The Colorado series is developed with unattended printing and effortless job switching in mind. This way, your operators can concentrate on high-value tasks instead of watching printer output and manually assisting with media feeding and roll winding. Your operators will get more done in a day and be more satisfied in their work.

The Colorado doesn't just print unattended, it also comes with many sophisticated automatic quality control and maintenance fea-


tures such as continuous nozzle monitoring and automated printhead maintenance.

Thanks to the Remote Control app, operators can receive alerts for upcoming events and monitor the printer status at any time: on their smartphone, smartwatch or tablet, and even when running overnight jobs thanks to the Jumbo Roll Interface. The Remote Control app is your remote operator, enabling 24/7 production 365 days a year.



Remote Control App

- Check the printer status
- Get a notification when the job is ready
- Get alerts when immediate action is needed (e.g. roll change is required)
- Set up your printer to run a scheduled number of jobs, from wherever you are



When developing the Colorado series, we paid special attention to help you achieve the lowest operating costs through productivity gains and waste reduction. The robust Colorado family was designed to be real production printers.

An important part of this cost reduction comes from the UVgel technology at the Colorado's heart. This allows you to deliver more finished jobs from a single printer with its instant drying time and automatic workflow processes. In addition, UVgel technology consumes up to 40% less ink than other technologies – a marked difference in running costs. In energy costs, too, the Colorado has your back: LED UV curing is a low-temperature process with a much lower energy consumption compared to other ink technologies.

The real secret of the Colorado's savings, however, is the unique FLXfinish technology, for eye-catching glossy and luxurious matte finishes even on inexpensive media. With the Colorado, you can confidently do complex, high-margin jobs.

Low cost of operation

**IMPROVE
YOUR
BOTTOM
LINE**



BACKLIT LIGHT BOX

Powerful, high-density
images thanks to UVgel
technology



WIDE APPLICATION RANGE

Your creativity is the only limitation



FLEET GRAPHICS

Combine matte or
glossy prints on
matte or glossy SAV
for increased design
options. Robust prints
even without lamination





FRAMED CANVAS

Exceptional artistic freedom with flexible, robust UVgel inks



OUTDOOR ADVERTISING

Unrivalled low running costs for price-sensitive outdoor banners and blueback applications

FLOOR GRAPHICS

Robust SAV prints with brilliant colours



WALLPAPER

Robust, scratch-resistant wallpaper with excellent dimensional stability and colour consistency thanks to UVgel technology

PHOTO POSTER

Razor-sharp photographic images thanks to a large colour gamut



FRAMED SOFT-SIGNAGE RETAIL POSTER

Environmentally friendly products in style, confirmed by GREENGUARD Gold





SUSTAINABLE BY NATURE

Living and working together for the common good

For more and more businesses, reducing the environmental impact of their services is an important way to distinguish themselves. At Canon, we are firmly on board with that goal, and we develop and manufacture our products with sustainability in mind. This is in line with our philosophy of Kyosei – living and working together for the common good – and with the UN Global Compact we signed.

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Certified printed output and less ink consumption

UVgel technology is GREENGUARD Gold certified, which means you can trust that print products for indoor use meet strict chemical emission limits and so contribute to healthier interiors.

UVgel technology is economical in use: compared to latex or eco-solvent inks, UVgel requires around 40% less ink to build up the same image quality and colour intensity.

Lower emissions and energy consumption during operation

Colorado-family printers come equipped with internal filters and require no dedicated extraction, claiming no more than the

required floorspace. Their radiation and noise emission are below stringent standards. The energy-efficient, low-temperature LED curing process of the Colorado printers substantially reduces their energy consumption. And thanks to its instant-on printing capability, the energy consumption in standby mode is very low.

Canon manufacturing principles

Our manufacturing approach underscores our dedication to sustainability. Our brand-new UVgel ink production facility at Canon Production Printing in Venlo, the Netherlands, has been designed for maximum energy savings and longevity.

Expand your horizons

COLORADO 1630

Add the unique, proven advantages of UVgel technology to your roll-to-roll offering with the modular Colorado 1630. A smart investment, as you can configure the base system to your specific situation and upgrade later as your business grows.

Benefit from the award-winning Colorado image quality and safely rely on its productivity and unsurpassed automation. Meanwhile, your wide application range will astound your customers and help you differentiate from your competitors.

- Choose your options: matte printing, double-sided printing and second media roll
- Upgrade your printer when your needs evolve, thanks to the 1630's modular concept
- All options can be enabled remotely and on demand, without the need for a service visit

The Colorado 1630 and the Colorado family offer you all you need to successfully scale up and expand your business.



The flexible choice

COLORADO 1650

Are you all in on a large variety of roll-to-roll jobs on a wide range of media? Then the Colorado 1650 maximises your UVgel advantage with its industrial-level productivity. The Colorado 1650 comes fully equipped to print an astonishing range of applications at high speeds.

The ingenious FLXfinish technology extends your application range to a whole new level: offering a choice between glossy or matte finish without the need to change inks or even media. The glossy finish boosts banners and posters to make them stand out, whereas the luxurious velvety-matte finish offers the perfect quality for interior applications such as wallcovering.

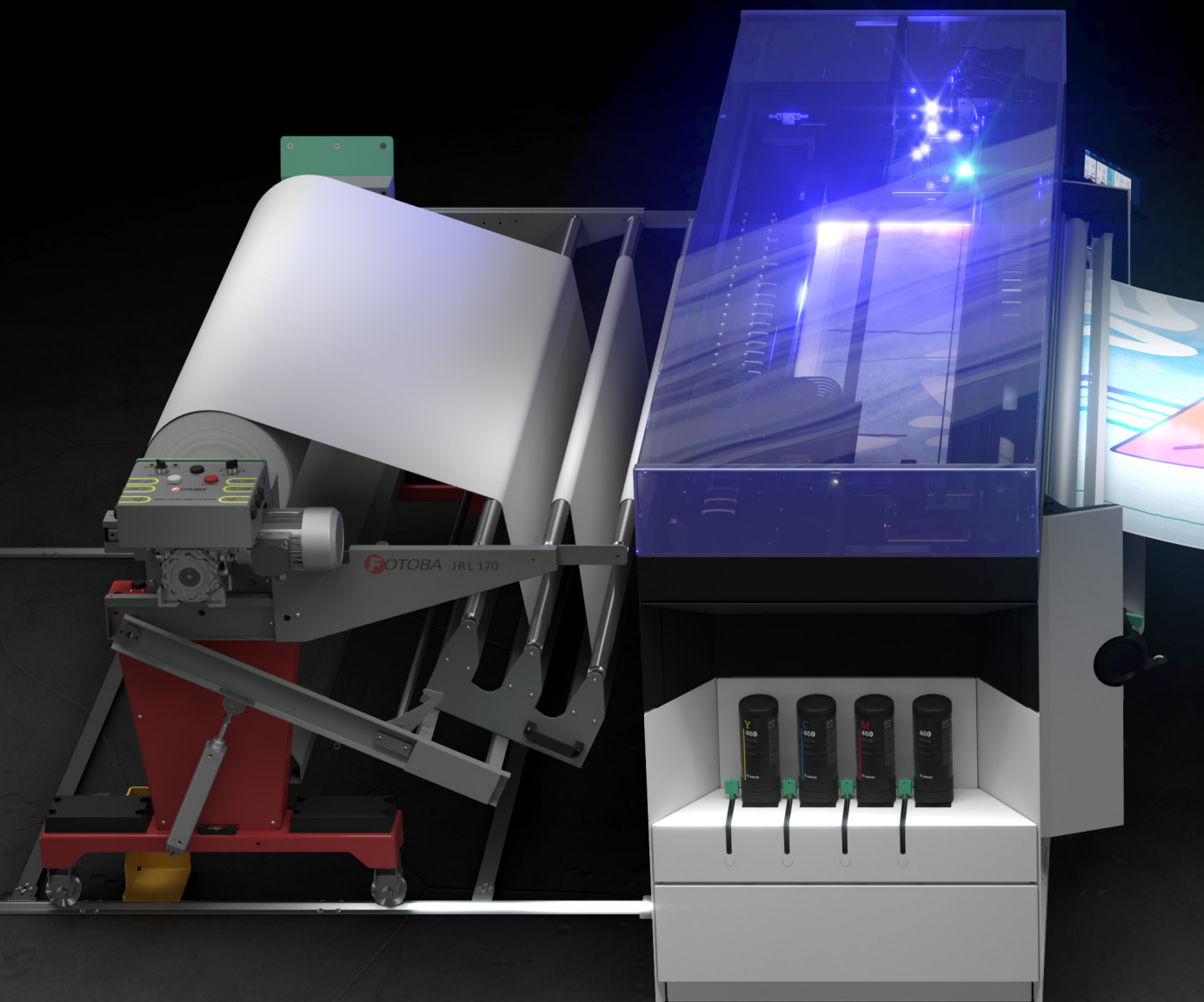
- All-round roll-to-roll production device that can easily handle peak volumes
- Fully equipped to explore new, innovative applications

With the Colorado 1650, you invest in outstanding application performance at industrial production capacity – and running costs that will boost your business profitability.



Digital done right

UVGEL WALLPAPER FACTORY



Even high-volume wallpaper production is now better off digital. The UVgel Wallpaper Factory is an end-to-end automated solution for high-volume production of wall décor applications: designed for maximum throughput at high quality and 24/7 run times.

No more issues with colour consistency, dimensional stability, application robustness or compliance. The UVgel Wallpaper Factory works with proven UVgel technology and unique workflow modules to offer a solution for the productivity losses and high operational costs associated with roll changes.

- Mass-customised automated wallpaper production
- GREENGUARD GOLD certified
- A fully modular concept: jumbo roll, inline or nearline cutting, taping and finishing
- Fully automated: from bulk-sized media input straight to the finished rolled output with Fotoba roll feeder, cutter and rewinder

Prints from the UVgel Wallpaper Factory are fully certified for safe and indoor use in even the most health-sensitive environments such as hospitals and schools.



LEARN MORE

What our customers say

“

THE ECOLOGICAL ADVANTAGES OF THE UVGEL TECHNOLOGY HELPED TO MAKE OUR CHOICE. IT WAS IMPORTANT FOR US TO FIND A MACHINE THAT CAN MANAGE ITSELF, WITHOUT OUR OPERATORS WORKING DAY AND NIGHT.

”

Richard Mathys, founder of RemarQ - Switzerland



RemarQ is a Swiss company specialised in advertising branding. For their blueback applications, they invested in the Colorado 1650 because of its high output quality even at high production speeds, and the ease of use of the machine.

Scan the QR code to learn more.

“

NOW WE CAN CONTINUE THE HISTORY AND THE INTEREST IN WALLPAPER. OUR TASK IS TO PRESERVE THIS CULTURAL HERITAGE USING NEW TECHNOLOGY.

”

Arne Bülow-Berntzen, CEO and owner Cicero Digital og Grafisk AS - Norway



Norwegian customer **CICERO Digital og Grafisk AS** is reproducing 100 years of wallpaper history with the Canon Colorado and its UVgel Wallpaper Factory.

Scan the QR code to learn more.

AND MORE

What our customers say

“

“THE MARKET WANTS US TO BE FASTER, CHEAPER AND BETTER. WE ALWAYS BUMPED INTO LIMITS, UNTIL WE DISCOVERED THE COLORADO.”

”

Michael Hiemann, CEO of Siepro - Germany



Siepro is a German family-owned business near Stuttgart, producing decals, backlits, and much more. Their production volume grew so much that traditional technologies could not keep up. With their Colorado fleet they can produce much more efficiently and cost effectively, at high quality and speeds. Scan the QR code to learn more.

“

WE NEED PRINTERS THAT ALLOW US TO CREATE DIFFERENT COMBINATIONS OF MATERIALS TO DEVELOP NEW CONCEPTS. THE COLORADO 1650 ALLOWS US TO PURSUE MANY EXCITING OPPORTUNITIES.

Jeffrey Vermaat, owner of De Resolutie - The Netherlands

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De Resolutie is an all-round print service provider with a focus on interior décor. Thanks to the Colorado 1650 and FLXfinish technology, they can create unique designs that experiment with matte and gloss print effects.

Scan the QR code to learn more.

GRAPHIPLAZA

Large Format Graphics Community

graphiPLAZA is home to Canon Production Printing's Large Format Graphics user community. It keeps users informed of the latest market trends, inspires them with best practices around the world and allows them to discover new applications. You can also search an extensive database of manufacturer-independent media profiles that are compatible with the Colorado roll-to-roll printer family. User documentation, technical documentation and firmware and software upgrades are available in a few mouse clicks. Would you like to discuss with peers about a variety of topics? Join the interactive graphiPLAZA forum.

Unlock new possibilities with Canon

Canon is a world leader in professional imaging. We are ranked 7th in the 2019 list of most reputable companies, a continuation of our decade of top-10 rankings. Canon Production Printing has over a century of experience in printing and is one of the main innovation centres of Canon. Our aim is to create a global network of expertise for visual communication and industrial printing.

Together, we are shaping tomorrow

At Canon Large Format Graphics, we believe in the power of the visual world. We share a passion for printing and are dedicated to making sure you stand out.

Imagine what's next, guided by you

We learn first-hand from the people who are changing the world we live in. Supported by your feedback, we work with our partners to develop next-generation technologies and products. Can you dare to imagine what you're going to do next? Let's do it together!

Together, we can shape tomorrow: experts working with experts, accelerating innovation.



graphiPLAZA is an online community for Large Format Graphics printers. Come join us!

Scan the QR code to learn more.



