XL PERFORMANCE
ALL IN! ONE.
FAST FLEXIBLES. RELIABLE RIGIDS
Canon
Colorado XL-series
UVgel 3.4m/11ft graphics production printer
Canon

COLORADO XL-SERIES
UVGEL 3.4M/11FT GRAPHICS PRODUCTION PRINTER

Fast flexibles, reliable rigids
Imagine a highly automated, 3.4m/11ft graphics production printer that lets you produce flexible applications such as posters, banners and soft signage at fast production speed. All with smart technology that helps you avoid wrinkles without constant machine babysitting.

Now imagine that same rugged, reliable printer lets you create stunning rigid applications such as displays, packaging and interior décor. All with the flexibility to print in high gloss, optional matte, and even combine both finishes in a single print.*

All in! One. Smart. Virtually seamless. Application. Experience
Imagine no more. Meet the Colorado XL-series, a 3.4m/11ft graphics production printer designed to handle both flexible and rigid media with equal speed and ease!

All in one highly-productive, modular, future-proof system. All with unique image quality and creative effects that are only possible by jetting UVgel.

Unique UVgel technology
The Colorado XL-series brings you all the unique advantages of UVgel, now with the widest and fastest UVgel applications ever. All with one gelset for both flexible and rigid media.

Our UVgel is a unique Canon technology, found only in our Colorado printers. We developed and manufacture the gel. We also developed and manufacture our own powerful UVgel 850 printhead technology.

That's enabled us to build a system that redefines printing performance for a wide range of applications. All with the UVgel advantage. **All in! One.**

THE COLORADO XL-SERIES BRINGS YOU ALL THE UNIQUE ADVANTAGES OF UVGEL

* Available with R1.1

COLORADO XL-SERIES OVERVIEW

PAGE 4-5

THE UVGEL ADVANTAGE

PAGE 6-7

FIVE WAYS THE COLORADO XL-SERIES CAN EMPOWER YOUR GRAPHICS BUSINESS

PAGE 8-15

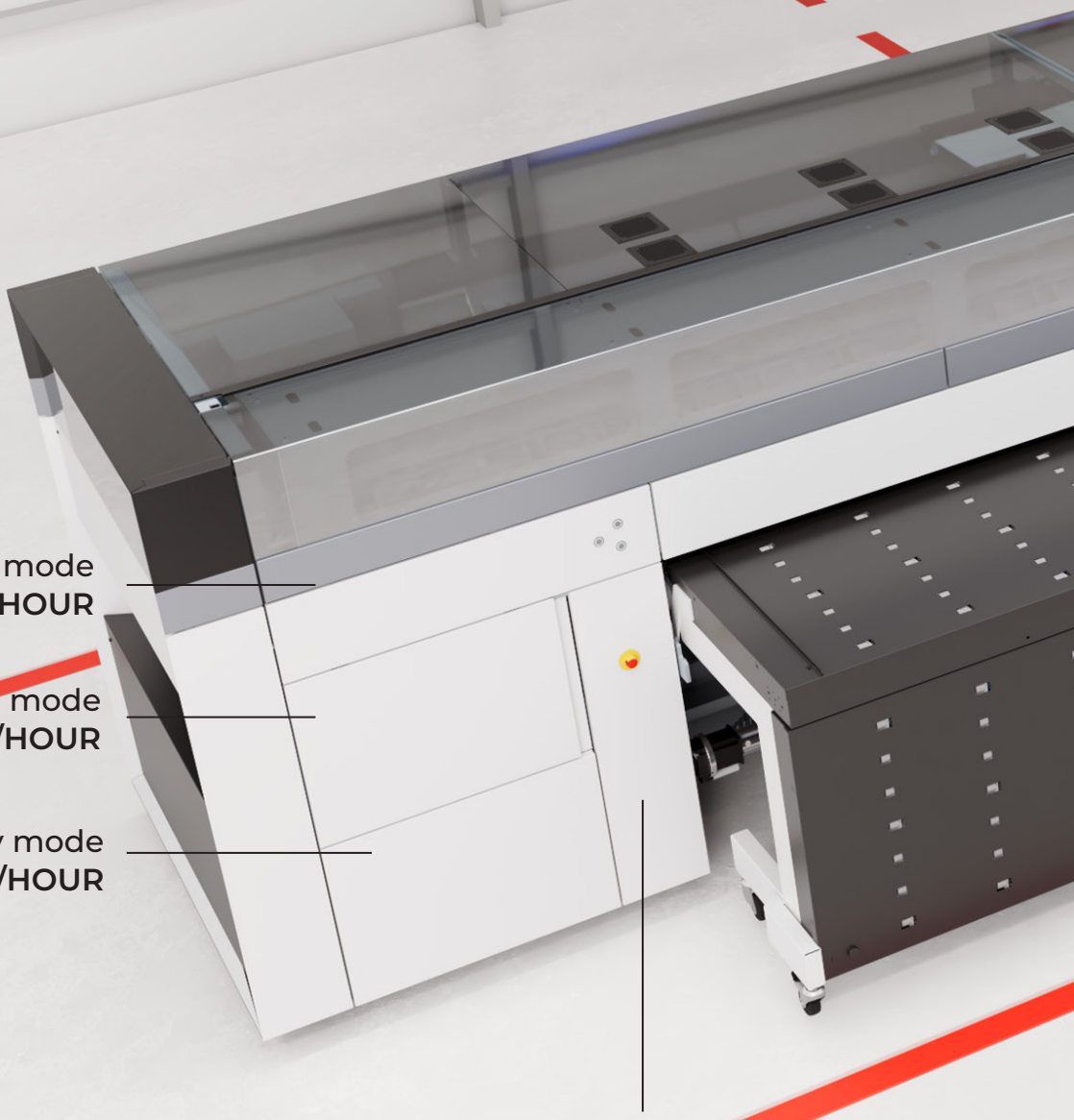
ONE BLAST OF TECHNOLOGY INNOVATIONS

PAGE 16-23

COLORADO XL-SERIES OVERVIEW

ALL IN! ONE.

The Colorado XL-series is a productive roll-to-roll graphics printer with a smooth growth path to a full hybrid printer for both flexible and rigid applications. It's available in a roll-to-roll, hybrid and dual-roll version* with varying media handling options, including modular front-and-back rigid tables. All field upgradable.



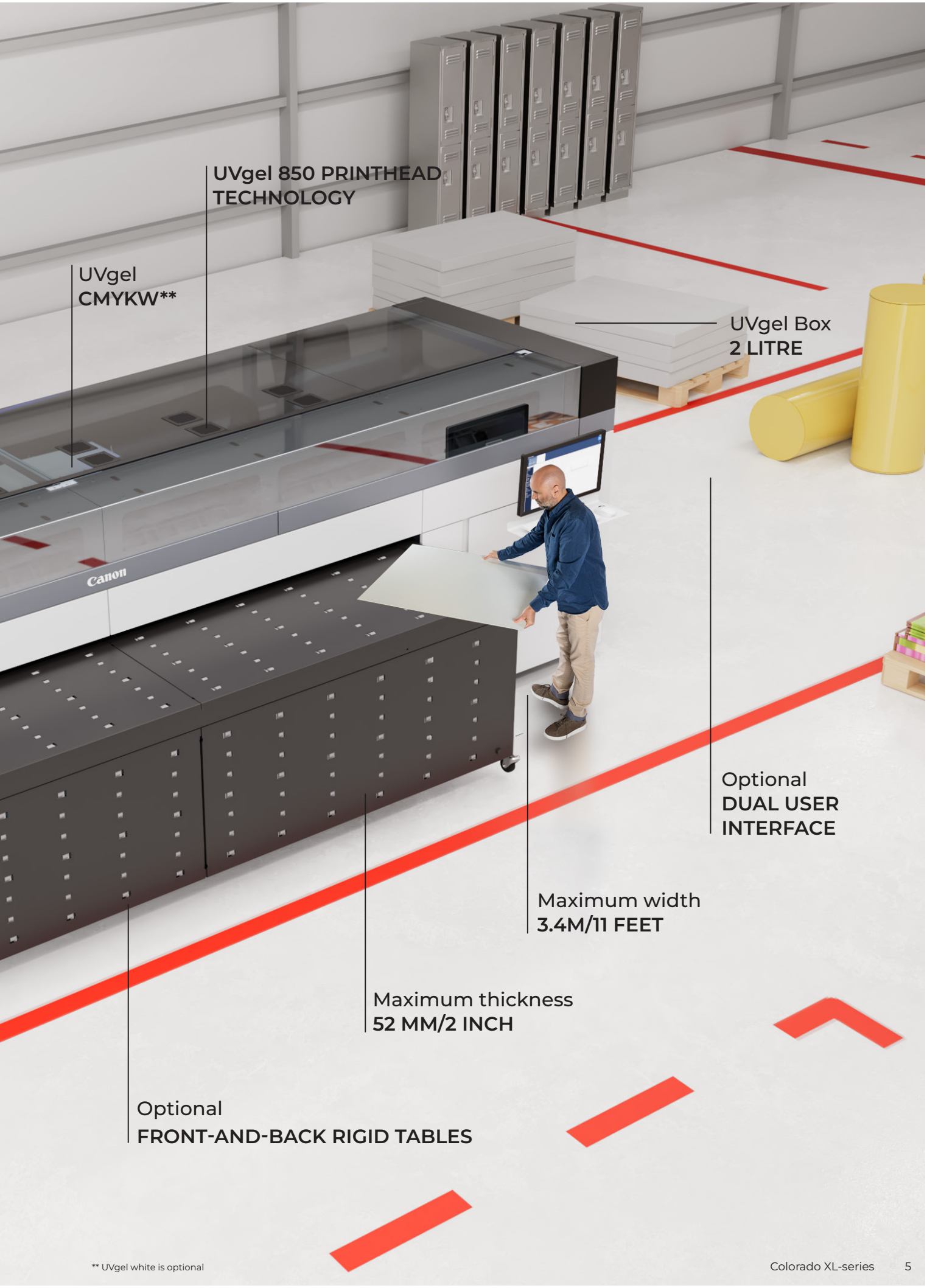
Express mode
211 M² OR 2293 FT²/HOUR

Production mode
106 M² OR 1141 FT²/HOUR

Quality mode
70 M² OR 753 FT²/HOUR

COLORADO XL7 ROLL-TO-ROLL PRINTER
COLORADO XL7 HYBRID PRINTER

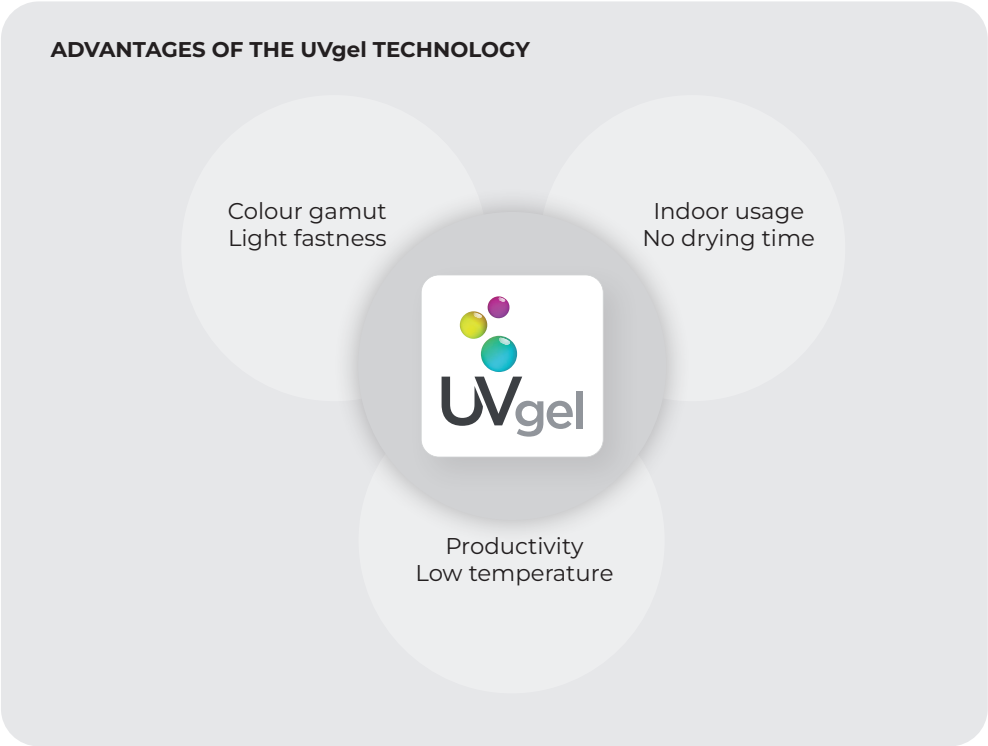
* Available with R1.1



** UVgel white is optional

JETTING GEL: THE PROVEN UVGEL ADVANTAGE

In 2017, we launched the successful 1.6m Colorado line of roll-to-roll printers based on our first-generation UVgel technology. Today, thousands of large-format graphics print service providers around the world benefit from the advantages of our UVgel technology.



Now for fast flexibles and reliable rigids
With the Colorado XL-series, we bring you these advantages for the production of flexible and rigid applications up to 3.4m/11ft wide.

Fast, high-quality printing
The special consistency of UVgel offers amazing capabilities for fast, high-quality printing. The resulting prints have a wide colour gamut, outstanding, crisp image quality and are instantly dry without smudging or sticking.

Robust, flexible, light-fast, scratch-resistant
UVgel prints are robust, flexible, light-fast, and scratch-resistant, even immediately after printing, for a powerful impact across a broad range of applications.*

Uniformity, repeatability, colour consistency
The absence of heat in the curing process and the intrinsic gel properties in the Colorado XL-series contribute to prints having excellent uniformity, repeatability and colour consistency. From print to print, job to job.

UVgel ADVANTAGES

- Print creative applications with a spectacular colour gamut
- Choose matte or gloss or combine the two** for creative effects with our optional FLXfinish+ technology
- Print specialty applications with intriguing textures using our PRISMAguide XL software, sold separately and optional FLXture technology
- Enjoy UVgel White, a white gel option that works like any other colour
- Benefit from low running costs thanks to efficient gel and low energy usage, and Smart Guided Workflow that promotes first-time right printing, all from a single odourless system

* See the UVgel Technology Whitepaper for technical specifications on UVgel applications for durability, lightfastness, abrasion resistance, washability and lamination usage
** Available with R1.1

Canon

FIVE WAYS THE COLORADO XL-SERIES CAN EMPOWER YOUR GRAPHICS BUSINESS

ALL IN! ONE.

UVgel

1 ONE FASTER, WIDER UVGEL ADVANTAGE*

True hybrid Modular to the Max

2 ONE MODULAR DESIGN TO CHOOSE WHAT YOU USE

Application fit for growth

3 ONE PRINTER FOR BIG, BOLD, BUSINESS BOOSTING GRAPHICS APPLICATIONS

Future proof Investment

4 ONE FUTURE-PROOF INVESTMENT CONCEPT

Sustainable profit

5 ONE DESIGN TO SUPPORT YOUR SUSTAINABILITY EFFORTS

* Unless otherwise specified, all UVgel advantage comparisons are made with the Colorado M-series

1 ALL IN! ONE FASTER, WIDER UVGEL ADVANTAGE*

As the next step on our roadmap, our new UVgel printer gets wider and faster with bigger applications compared to the Colorado M-series roll-to-roll printer.

Fitted to handle two 1.6m/64 inch rolls, the Colorado XL-series introduces UVgel technology for both rigid and roll-to-roll printing up to a comfortable 3.4m/11ft.

We've optimised the gel composition to be able to print on both flexible and rigid media with one gelset. This extends the advantages of gel jetting to packaging, interior décor, and retail applications.

USING A GEL INSTEAD OF A LIQUID INK SOLVES MANY OF THE PROBLEMS THE TRADITIONAL INK TECHNOLOGIES STRUGGLE WITH.

* Unless otherwise specified, all UVgel advantage comparisons are made with the Colorado M-series

2 ALL IN! ONE MODULAR DESIGN TO CHOOSE WHAT YOU USE

True hybrid
Modular to the Max

Colorado XL7 roll-to-roll

Colorado XL7 hybrid

The Colorado XL-series is a modular design concept to the max. It combines excellent roll-to-roll media handling with reliable rigid capacity. Plus production automation and quality assurance features that will rock your production factory.

Whatever applications or configuration you need, you'll likely find it in the Colorado XL-series.

Industrial quality
A Colorado XL-series is an investment in taking your business to the next level, today and in the future. It's powerful and versatile enough to become the heart of your business and can grow with you as you expand.

One machine, many configurations
You configure your Colorado XL-series to your current business needs. With the same basic printer, it can be your entry into the 3.2m/10ft graphics market or an extension of your current capabilities.

ALL IN! ONE MODULAR CONCEPT TO CHOOSE WHAT YOU USE.

3 ALL IN! ONE PRINTER FOR BIG, BOLD, BUSINESS BOOSTING GRAPHICS APPLICATIONS

Packaging

- E-commerce packaging
- Premium primary packaging
- POS display
- Specialised, added-value applications to highlight FLXfinish+
- Intriguing textures with FLXture
- Prototyping and short-run

Retail

- Posters
- Signage
- Window graphics
- Backlit light boxes
- Vehicle graphics

Interior décor

- Wallpaper
- Wallcoverings
- Floor graphics
- Canvas
- Acoustic panels

Application fit for growth

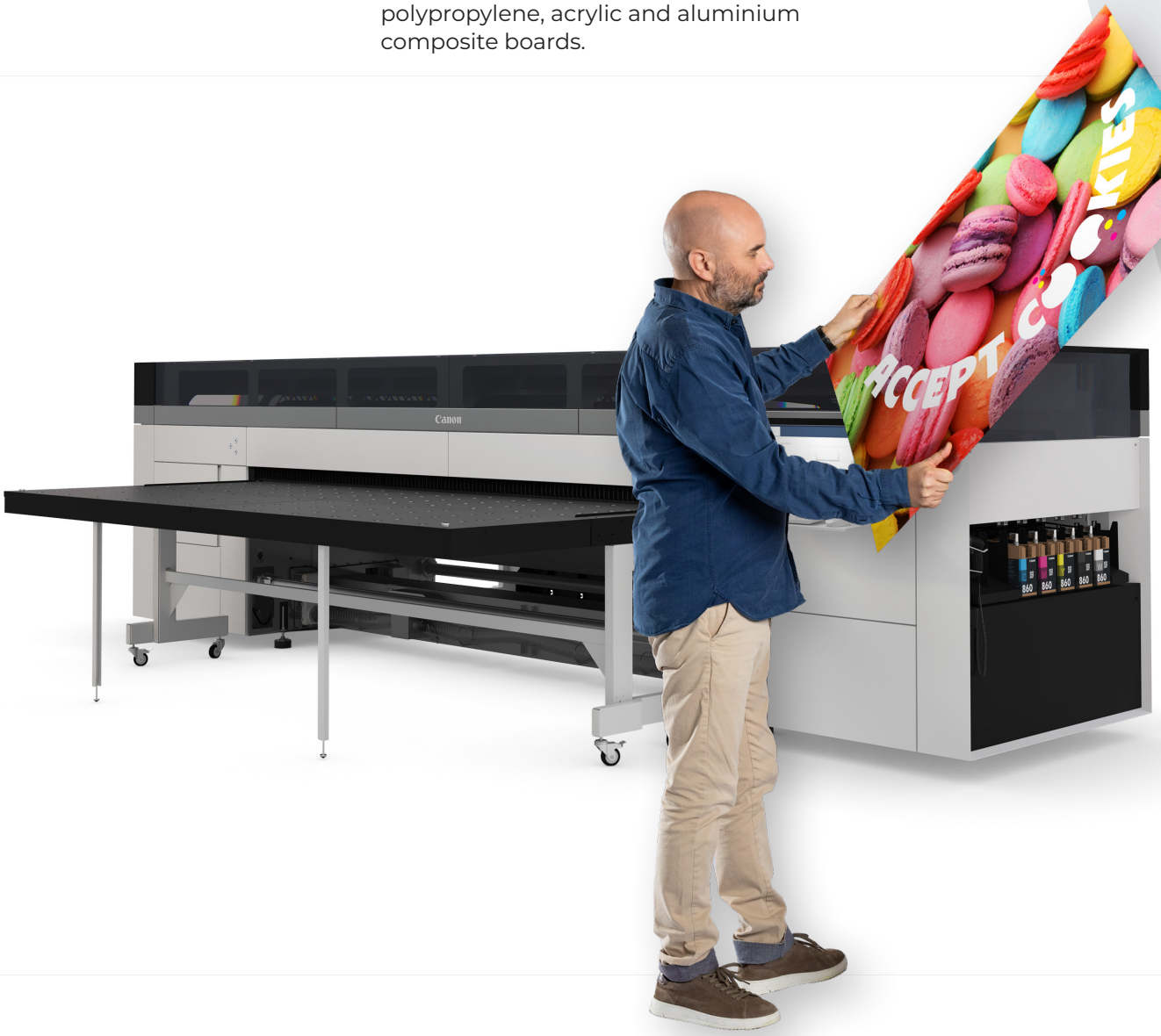
With the Colorado XL-series, you got it! All in! One.
With the Colorado XL-series, you can explore and produce a growing variety of big, bold graphics applications with just one printer. Everything you need for your everyday success today while focusing on the future:

- Vibrant brand colours with a high gloss for displays and packaging
- An amazing soft signage look and feel
- Matte and gloss combination* options with creative effects
- Specialty application options with intriguing textures
- Velvety matte for interior décor
- Rigid, odourless applications

Certified applications for indoor and out
UVgel is GREENGUARD Gold certified. The prints are durable, lightfast, abrasion-resistant and washable, making them suitable for outdoor applications, even without lamination.**

UVgel. Ready to sell
UVgel applications are suitable for a wide range of roll-to-roll media, including vinyl, paper, banner, film, canvas, polyester textiles of any colour, heat-sensitive and cost-effective uncoated media.***

This also includes textured, structured, transparent, coloured, metallic, reflective and even magnetic media. And the Colorado XL-series extends the scope and advantages of UVgel jetting to rigid media such as foam board, polypropylene, acrylic and aluminium composite boards.



* Available with R1.1
** See the UVgel Technology Whitepaper for technical specifications on the durability, lightfastness, abrasion resistance, washability and lamination usage of UVgel applications
*** See the Colorado XL-series data sheet for details

4 ALL IN! ONE FUTURE-PROOF INVESTMENT CONCEPT

Future proof Investment

We've designed the Colorado XL-series as a future-proof concept for you. All in! Choose the configuration you need today and upgrade as your business grows. And future-proof service options give you control over your service response times and machine uptime. Your local Canon representative can help explain all the options.

Upgradable by design
The Colorado XL-series is designed for future-proof, in-field upgradeability. You invest only in the productivity level you need today. Then upgrade to easily increase options and productivity as your business grows.

Service concepts to keep you printing
Colorado XL-series printers are designed for high uptime and consistent print output over time. Low-maintenance by design, you can also benefit from innovative service concepts to reduce downtime even further. These range from automated maintenance to remote service to operator-maintenance agreements.

The smart financial investment
The Colorado XL-series is designed with low Total Cost of Ownership in mind. It's a smart financial investment, which you can quantify. Ask your Canon representative for details.

5 ALL IN! ONE DESIGN TO SUPPORT YOUR SUSTAINABILITY EFFORTS

Sustainable profit

From design, manufacturing and recycling to energy, gel and media use, the Colorado XL-series is engineered to support your sustainability efforts.

Our technology offers low-temperature curing and low gel consumption. Thanks to its durability, many applications can be produced without the need for lamination.

Smart automation features promote first-time-right printing to help minimise waste. A broad range of service support can help reduce service engineer visits.

Our UVgel box packaging is designed for efficient use of resources. The outer box is recyclable as paper and contains no electronic components; the inner bag minimises chemical waste and reduces lifecycle impacts.

Some media manufacturers have certified their media via ClimatePartner*.

* See the UVgel Technology Whitepaper for more information about using certified media

Canon

ALL IN! ONE BLAST OF INNOVATIONS FOR YOUR GRAPHICS PRINTING

The Colorado XL-series combines the proven advantages of UVgel technology with innovations that help expand your large-format graphics capabilities.

TECHNOLOGY INNOVATIONS INTRODUCED IN THE COLORADO XL-SERIES

UVgel PrintHead Technology

UVGEL 850 PRINTHEAD TECHNOLOGY WITH UVGEL 860 GELSET

UVgel TRIdrive

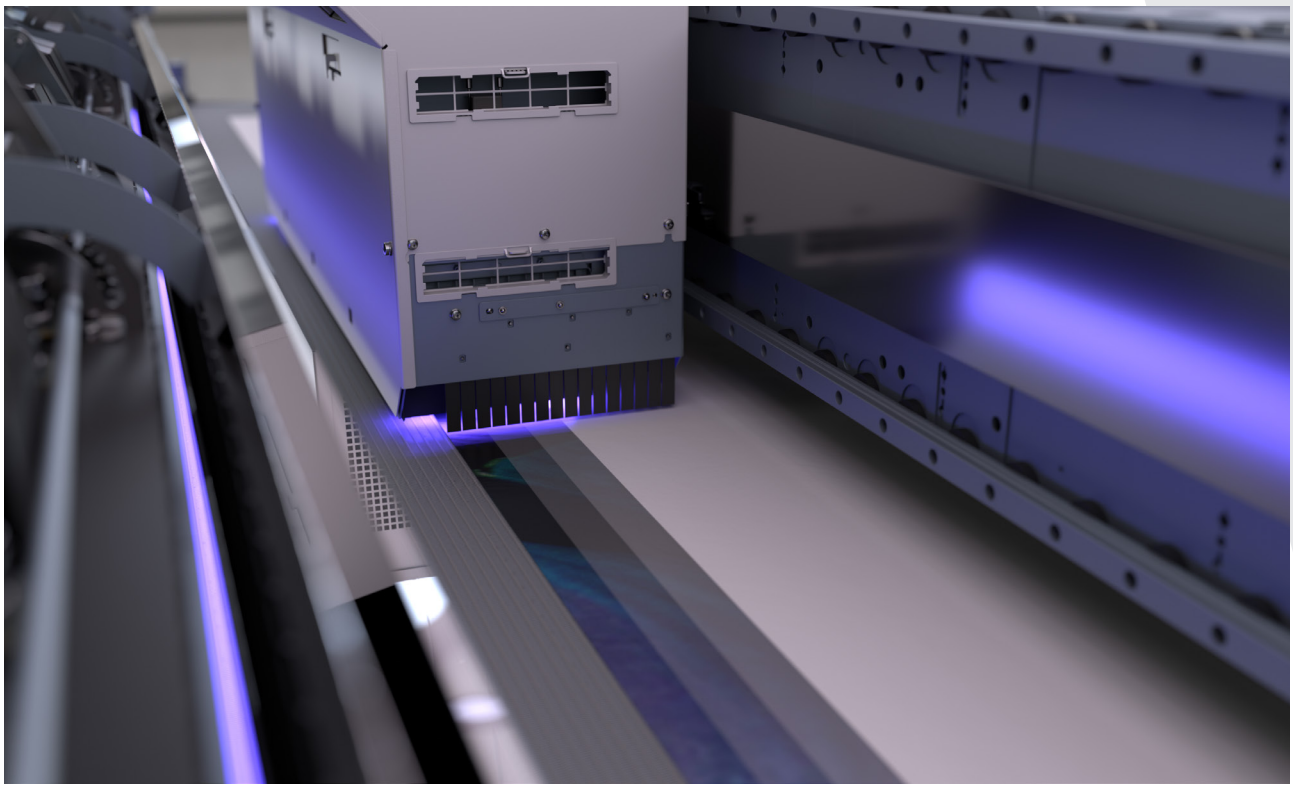
UVGEL TRIDRIVE VACUUM BELT SYSTEM

UVgel DynamicMotion Control

UVGEL DYNAMICMOTION CONTROL

UVgel FullBeam Curing

UVGEL FULLBEAM CURING



UVGEL 850 PRINTHEAD TECHNOLOGY

At the heart of the Colorado XL-series is our in-house developed and manufactured UVgel 850 printhead technology. These printheads are so advanced that we only need two of them for the regular CMYK colours and an optional third printhead for printing UVgel White.

Designed for productive, high-quality large-format graphics, each printhead has 4,544 nozzles, with automated nozzle monitoring and instant correction.

PAINT technology
The Colorado XL-series features PAINT, our Piezo Acoustic Integrated Nozzle Technology. It continuously monitors performance. When a nozzle malfunctions, it's temporarily switched off with neighbouring nozzles kicking in to compensate. So you can just keep making excellent quality prints!

UVgel 860 gel
The Colorado XL-series introduces the UVgel 860 gelset. This gelset is optimised to cover a wide variety of both rigid and flexible applications while providing the well-known advantages of UVgel.

These include:
- Excellent colour consistency
- Odourless and instantly-dry prints
- Matte and gloss finish without the need of a separate varnish
- Dimensional stability due to low-temperature curing
- TPO and VCL free

THE PROVEN ADVANTAGES OF UVGEL TECHNOLOGY

FLXfinish⁺ option
Choose matte or gloss or combine the two* for creative effects with our optional FLXfinish⁺ technology.

FLXture option
Add textured finishes that mimic the look and feel of materials such as leather, wood or fabric, or specialty media, for applications such as wall coverings, retail graphics, high-end interior décor and packaging.

UVgel White option
Print white gel like any other colour and overcome common clogging and maintenance problems which may occur with some other white ink technologies**.

Low gel usage, no odour, instantly dry, usable prints
Benefit from the classic advantages that UVgel brings to large-format graphics printing: low gel usage, no odour, instantly dry, usable prints. All from one gelset.

The proven advantages of UVgel technology
- FLXfinish⁺ option
- FLXture option
- UVgel White option
- Low gel usage, no odour, instantly-usable prints

ALL IN! ONE. UVGEL PLATFORM

UVgel

True hybrid Modular to the Max

Application fit for growth

UVgel DynamicMotion Control

UVgel TRIdrive

Future proof Investment

Sustainable profit

UVgel FLXfinish⁺

UVgel FLXture

UVgel PrintHead Technology

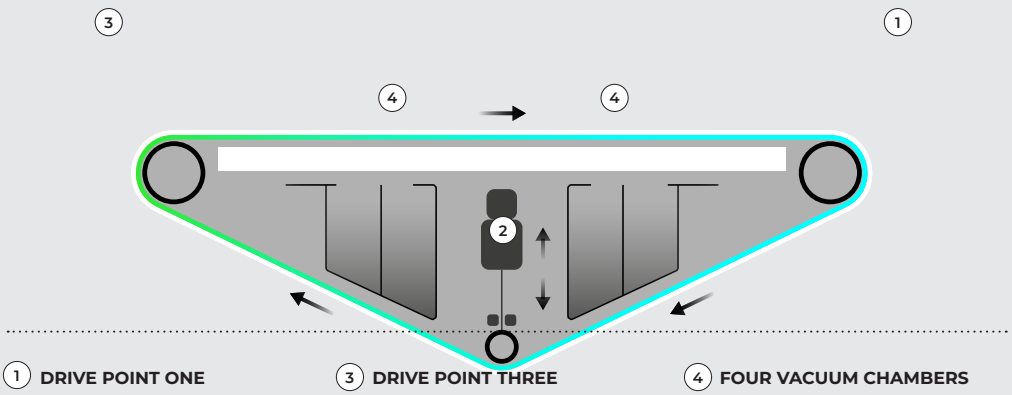
UVgel FullBeam Curing

Colorado XL-series

* Available with R1.1
** See the UVgel Technology Whitepaper for full insight into printing white with UVgel

UVGEL TRIDRIVE VACUUM BELT SYSTEM

The Colorado XL-series introduces our unique UVgel TRIdrive (Three Roller Interactive) vacuum belt system. It's designed to help limit errors at job start-up, for easy loading, highly precise media positioning and reliable unattended printing that helps users create razor-sharp applications that truly impress.



1 **DRIVE POINT ONE**
Motor Driven Belt Roller moves the belt with controlled speed.

2 **DRIVE POINT TWO**
Steering Belt Roller, aligns the belt preventing skewing and curling of the media.

3 **DRIVE POINT THREE**
The encoder inside the Speed Control Belt Roller measures the belt speed and sends this information to the Drive Motor.

4 **FOUR VACUUM CHAMBERS**
Per chamber, the vacuum creates a specific suction force through the print surface and the perforated belt holding and flattening the media against the surface of the belt.

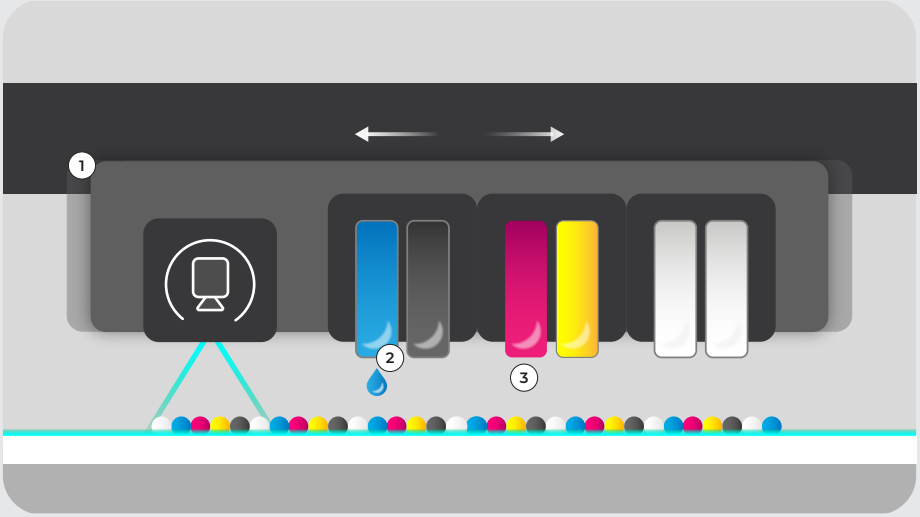
Accurate placement and transportation
The UVgel TRIdrive vacuum belt system features three interactive rollers and multiple powerful vacuum zones that automatically detect and correct the media positioning to reduce wrinkling and skewing.

Its advanced, self-steering belt system provides unparalleled stability and control when handling a variety of media types, from stretchable flexible materials to challenging rigid substrates. The UVgel TRIdrive delivers a number of additional benefits for flexible media.

These include:
- Automatic loading and straightening for reliable operation, ideal for less experienced operators
- EdgeForward printing that promotes media savings
- Unattended printing through automatic tension adjustment on the feeding and take-up spindles

UVGEL DYNAMICMOTION CONTROL

The Colorado XL-series has an agile and precise printhead carriage that features UVgel DynamicMotion Control. This helps to ensure exceptional print quality even with challenging media.



1 **HIGH SPEED MACHINE VISION TECHNOLOGY**
Analyses the UVgel dot position on the media.

2 **UVGEL DOT IDENTIFICATION**
In case a deviation is identified.

3 **UVGEL DOT CORRECTION**
The deviation in dot placement is corrected.

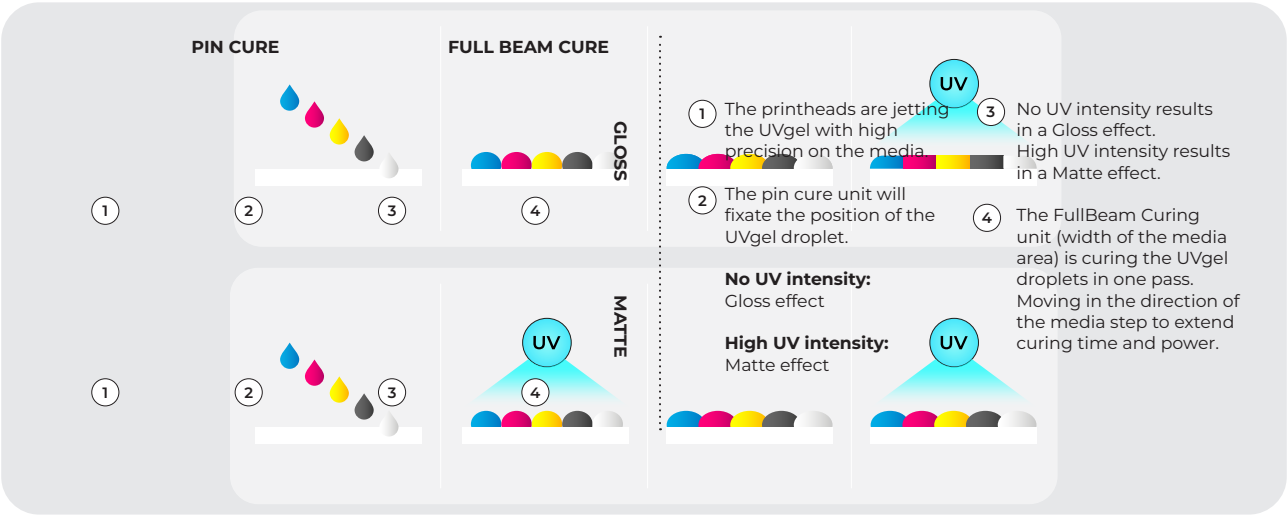
Thanks to the powerful UVgel 850 printhead technology
UVgel DynamicMotion Control is made possible thanks to our own powerful UVgel 850 printhead technology used in the Colorado XL-series. We only need two printheads, or three when printing UVgel White. This enables us to create a lightweight and agile printhead carriage with ultra-precise positioning of the printheads while printing.

Flawless results even at high speeds
UVgel DynamicMotion Control uses high-speed, high-resolution machine vision technology that actively tracks any micro movement of the media while the carriage is travelling. It recalibrates the printhead positioning on-the-fly for unmatched precision and alignment of print passes, helping to provide flawless results even at high speeds.

So each drop is placed with high precision right where it should be, despite micro movements of the media underneath. Unlike other systems, to compensate for misalignment, you don't need to add additional printheads to the printhead carriage.

UVGEL FULLBEAM CURING

We’ve reimagined gel curing with our innovative UVgel FullBeam Curing technology. It can open up a world of high-end applications with a wider colour gamut and incredible colour results. UVgel FullBeam Curing uses a unique printer-wide LED curing array that, combined with an ingenious mirror system, delivers consistent UV light dosing across the entire print width. It delivers exceptional print uniformity over large surfaces, enabling a wide colour gamut.



Special UVgel effects

Thanks to UVgel FullBeam Curing and our FLXfinish+ option, you can combine velvety matte and glossy finishes on a single print.* All without changing gels or media. Or use the UVgel FLXture technology option to add textures with subtle, tactile surface details. This gives your print a luxurious, intriguing and high-value feel. You can cure up to five high-density layers, all in one pass, over the full width of the media.

And it’s easy

Sound complicated? It’s surprisingly simple, thanks to the easy-to-use recipes in our optional PRISMAguide XL software. Simply prepare the job and you’re ready to go.

* Available with R1.1

SMART GUIDED WORKFLOW

With the Colorado XL-series, you'll be empowered with our Smart Guided Workflow technology, with automatic image positioning and easy media loading.

For reliable rigids
On rigid media, the Smart Guided Workflow applies our Lane Assist feature for the allocation of the image. Jobs in the queue are automatically assigned to the next-in-line standard-sized panel that you place on the belt.

With automatic image allocation, an LED light indicates which lane is operational*. After inserting the media, the next job in the queue is printed automatically. Our machine vision-guided positioning system identifies the leading edge. This triggers the vacuum system to secure the media firmly on the belt.

For fast flexibles
For roll feeding, the EdgeForward function lets you start printing right on the front edge of the media. Just place the media and the belt vacuum secures it, printing directly from the edge - designed for minimal media waste for feeding or aligning.

With minimal training, operators can have the ability to produce high-quality applications in no time, even double-sided rigid prints with precise registration.

* Available with R1.1

Canon Production Printing Australia
W: anz.cpp.canon
E: support.au@cpp.canon
T: 1300 363 440

© 2025 Canon Production Printing

Neither this publication nor parts thereof may be copied, modified, reproduced or transmitted in any form or by any means (electronic, manual, or otherwise) without the prior written permission of Canon Production Printing.

'Canon' and Canon's product and service names are trademarks or registered trademarks of Canon Inc. or Canon Production Printing Netherlands B.V.. All other product and company names are trademarks or registered trademarks of the respective owners and respectfully acknowledged.

The content of this publication is provided for informational purposes only and does not constitute professional advice. Illustrations and printer output images are/may be simulated and do not necessarily apply to all products and services offered in the respective local market. Errors, omissions and inaccuracies excepted. No guarantees, representations or warranties are made regarding the functionality, performance, or suitability of any products, services, or technologies mentioned herein. Canon Production Printing shall not be liable for any direct, indirect or consequential damages of any nature, losses or expenses resulting from the use of or reliance on this publication.

We reserve the right to modify, update, or remove any content at any time without prior notice.