COLORADO
M-SERIES

READY, SET, GO!

ARE YOU READY FOR THE NEXT LEVEL?

With the Colorado M-series, 64" roll-to-roll printers powered by patented UVgel technology, you can level up your business and your creativity.

Say "yes" to more jobs, even the very challenging ones, and help meet your high productivity and turnaround standards at the same time. Create unique applications with optional FLXfinish+ with mixed matte and gloss in the same print, without varnish. Jump start your potential with a smart financial investment in the large format graphics business. What's even better: the Colorado M-series is upgradeable in the field, allowing you to level up your machine as you level up your business.

THE POWER OF UVGEL WITH OPTIONAL WHITE INK!

The proven UVgel ink technology is unique in the large format print market, and the Colorado printers were developed to allow you to get the most out of its features. The Colorado M-series includes the ability to add optional UVgel white ink. And not just any white….

WHITE INK WITHOUT WORRY

- High opacity
- Same ease of maintenance as any other color
- High-speed white production

THE COLORADO M-SERIES OVERVIEW

A modular and in-field upgradeable platform.

| COLORADO **M3 BASE** | COLORADO **M3W** | COLORADO **M3 PRO** | COLORADO **M3W PRO** | COLORADO **M5 PRO** | COLORADO **M5W PRO** |

LEVEL UP
YOUR CREATIVITY
Wide, unique application range

LEVEL UP
YOUR PRINTER
Modular design, field-upgradeable

LEVEL UP
YOUR PRODUCTIVITY
Productive by nature

LEVEL UP
YOUR BUSINESS
A smart financial investment

LEVEL UP
YOUR CREATIVITY

Wide and unique application range

The original Canon Colorado series was designed for a wide application range. Today's Colorado M-series takes media, ink, and print mode possibilities to the next level to inspire your creative ambitions and impress your customers with reliable quality, help with your turnaround times, and make unique applications achievable.

WHITE INK WITHOUT WORRY

Have you heard that printing with white ink is a hassle? With the Colorado M-series and UVgel technology, you can lay these worries to rest. Our highly productive UVgel white ink works as any other color.

FLXfinish+

Optional FLXfinish+ is the unique ability to print matte, gloss, or mixed matte and gloss in one go without a varnish, shaking up the world of large-format graphics.

FLXture

The five-layer PRISMAguide XL FLXture print recipe combined with the optional UVgel white ink helps make it possible to incorporate wood and leather reliefs, embossments, and other textures into printed graphics.

QUALITY

The Colorado M-series features important industry-standard certifications that highlight the quality of the print output like 3M™ MCS™ Warranty or GREENGUARD Gold certification.

WIDE APPLICATION RANGE

The Colorado M-series gives your customers amazing design freedom, with impressive media options:

- Textured
- Transparent
- Colored
- Reflective
- Magnetic Requires Optional Magnetic Kit

This expands on the wide media range the Colorado printers are known for, including self-adhesive vinyl, paper, banner media, film, canvas, and textiles, plus heat-sensitive media and cost-effective uncoated media. Unidirectional print modes are available to reach high-quality print on challenging media types.

UVGEL & FLXFINISH⁺

THE UVGEL QUALITY ADVANTAGE

The special gel consistency of the UVgel inks make them ideal for fast, high-quality printing. The resulting prints have a wide color gamut, crisp image quality, and are instantly dry without smudging or sticking.

- Instant pinning and dot gain control
- Low temperature curing—suitable for thin and heat-sensitive media
- Scratch resistance
- Easy lamination, smooth ink fill
- Consistent color print to print and job to job
- Odorless and instant dry inks

FLXfinish+ OPTION

Made possible by the gelling characteristics of UVgel ink, the optional FLXfinish+ allows you to add a velvety matte finish to interior décor products, a brilliant gloss finish for display prints, or unique combinations of the two to create attention-grabbing visuals, with excellent registration and without the need for an extra printhead or ink channel.

WHITE INK
WITHOUT WORRY

The Colorado M-series offers the UVgel advantage also in white. Our highly productive optional UVgel white ink works as any other color, with no extra maintenance.

The printed white ink is designed to keep its color over time. It has the flexibility that you expect for your applications, including multilayer application of up to five layers—to be cut, stretched, and finished, directly after printing. And the automated maintenance features of the Colorado M-series are designed to help keep the ink and nozzles ready to print.
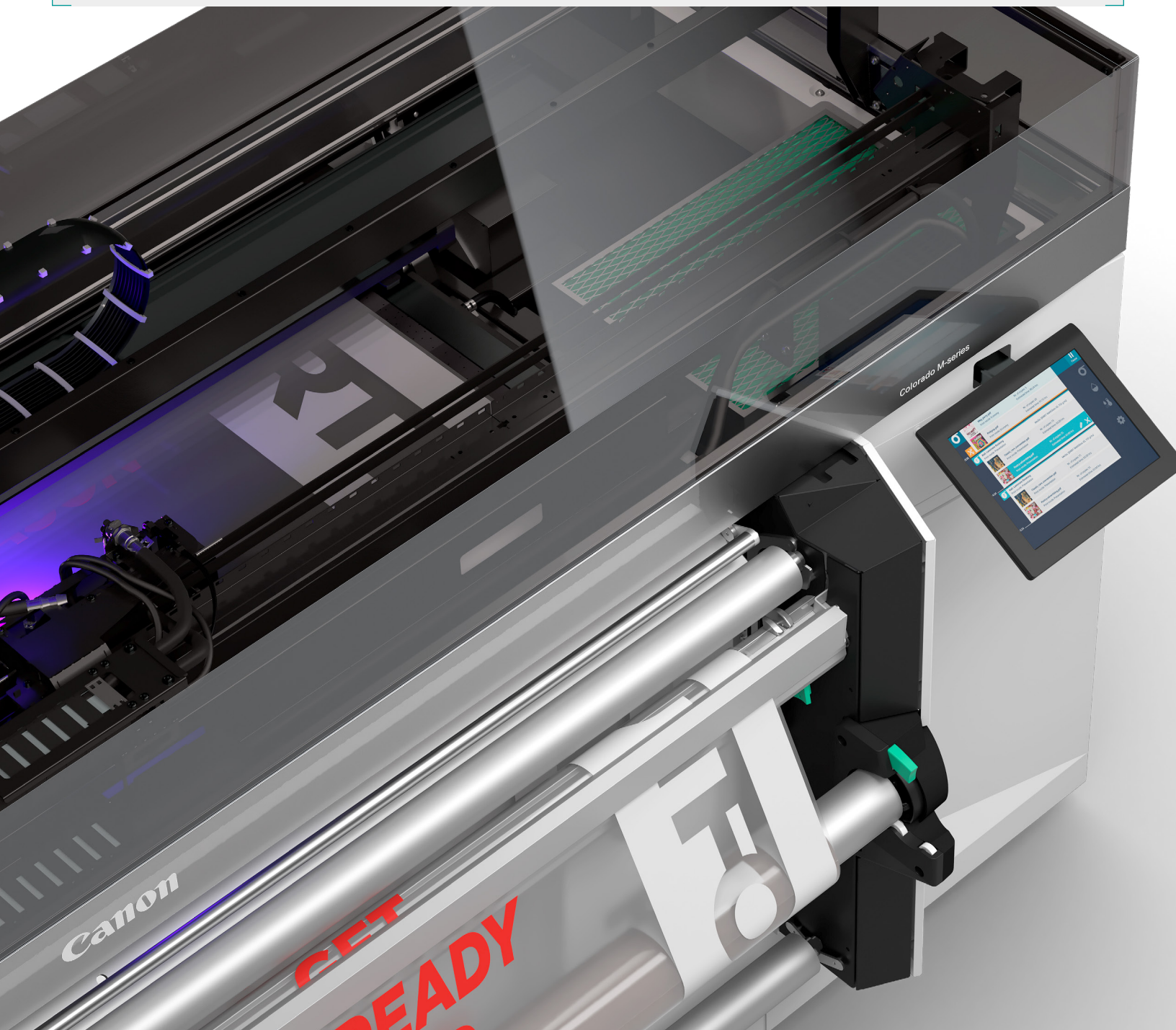
PRINT EFFICIENTLY WITH WHITE INK

The Colorado M-series UVgel technology is known for it's efficient use of ink, and this efficient ink use is also true for UVgel white ink. There is no separate action, set-up, or maintenance needed to print an application that includes white ink. With productive print modes that are realistic for a high-quality operation, applications with white ink are a great way to increase your printing capabilities.

Use the optional PRISMAguide XL software for easy, spectacular, multilayer white ink applications.

- **Spot color:** printing color and white at the same time on either colored or transparent media.
- **Underflood printing:** printing a white layer underneath a color image to help provide a better contrast on colored or transparent media.
- **Overflood printing:** printing a white layer on top of a color image on transparent media to provide color vibrancy for window graphics.
- **3-layer printing:** printing a white layer in between two layers of color, which is ideal for high-end and day/night backlit signage applications.
- **5-layer printing:** printing consecutive layers of color, white, black, white, and color for extra opacity, enabling a different image on either side of transparent media to create double-sided window graphics.

LEVEL UP
YOUR PRINTER

Modular design, field-upgradeable

A Colorado M-series printer is an investment in taking your business to the next level—today and in the future. Its power and versatility can become the heart of your business, and it can grow with you as you expand.

ROCK-SOLID QUALITY

The Colorado family is built to last, designed for high uptime and consistent print output over time. Low-maintenance by design, the Colorado M-series is designed to minimize downtime due to maintenance.

ROBUST AND RELIABLE

Canon's own next-level UVgel 425 printhead has doubled the amount of nozzles for outstanding speed and reliability, using fewer printheads. Colorado M-series features an improved automatic maintenance concept over previous Colorado printer models: a tissue cassette which automatically cleans the nozzles, based on real-time nozzle status information, provided by our patented Piezo Acoustic Integrated Nozzle Technology (PAINT).

SMART MEDIA HANDLING

The Colorado M-series also boasts next-level media detection sensors in its media path to support the use of a wide range of media. For instance, it can use white markers that allow printing on colored media, and developed robust markers for accurate registration on heavily textured media.

ONE MACHINE, MANY CONFIGURATIONS

You can configure your Colorado M-series machine to your current business needs. There are many different types of optional upgrades available for the Colorado M-series, most without needing a service visit (excludes white ink and magnetic kit upgrades).

- In-field speed upgrade, taking your M3 model to an M5 model.
- Temporary 30-day speed licenses are also available for the M3 models to run at M5 speeds during your peak production times. Only works with 700 ml ink bottles.

- Did you choose a model without white ink? Add it as an upgrade—with just a service visit.
- Larger 1l ink bottles, and smaller 700 ml ones—or you can use them both (for the M5 Pro and M5W Pro) for easier stock management.
- FLXfinish+: make prints with a glossy or matte finish, or mix both matte and gloss effects within one single print.
- Double-sided printing.
- Print-side-in printing.
- Magnetic Media Kit.
- Dual roll capabilities.

MINIMAL OPERATOR INTERVENTION

One of the hallmarks of a machine built to industrial standards is its ease of use. The Colorado M-series has many features that helps to reduce labor costs and increase your operators' job satisfaction by freeing them to do more high-value tasks.

- Fast, easy media loading with the option to have two online rolls.
- Ink refills during printing.
- The optional PRISMAguide XL software to simplify preparation of complex print applications is designed to help provide first-time-right printing, and save application recipes for later re-use.
- Automated printhead maintenance and nozzle compensation.

In other words, the Colorado M-series can almost watch over itself. With the PRISMA remote app, operators can monitor the printer status on their compatible smartphone, smartwatch, or tablet at any time, even when running overnight jobs.

LEVEL UP YOUR BUSINESS

A smart financial investment

The features of the Colorado M-series printers speak for themselves. But with all of this, is it still affordable? We can answer that with a wholehearted "yes". The Colorado M-series was designed with low total cost of ownership in mind, making it a smart financial investment.

LOW OPERATIONAL COSTS

The Colorado M-series helps you to get the most out of each day, with reliable, consistently high productivity and uptime. The UVgel technology provides stunning results with low ink and energy usage. And when used with the optional PRISMAguide XL software, you can enjoy first-time-right printing.

HIGH-VALUE APPLICATIONS

Customers are happy to pay more for creative, high-value applications, especially if they come with a fast turnaround time. The Colorado M-series comes with a wide media range, which is excellent for creativity but also supports cost-conscious media options. Canon's excellent sensors and software are designed to provide very little waste. Finally, the machine doesn't take an operator's full attention to run, leaving them free for other valuable tasks.
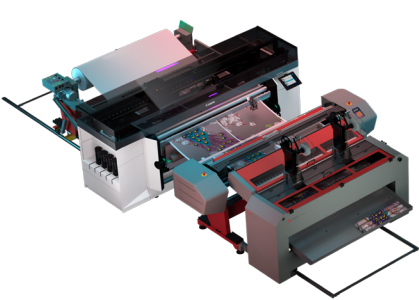
FUTURE-PROOF MODULAR BUILD

A key argument for the Colorado M-series is its upgradeability. By investing only in the productivity level you need at the time, you can help optimize your investment. And with available upgrades, you are not boxed into your current business level. You can increase your speed, options, and productivity as the need arises.

All in all, this can result in a high return on investment.

When investing in a printer, a make-or-break criterion is: can it get the work done? The Colorado M-series can do that, and more: it can help you take your productivity to the next level—smoothly, without fuss, and in spectacular quality. And all that at a low total cost of ownership.
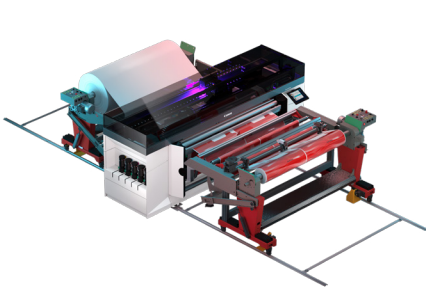
SHORTER TURNAROUND TIMES

These days, for most large-format print jobs, customers want a 24-hour turnaround or less. The Colorado M-series and the next-level UVgel technology are designed to help you to say "yes" to wide-format jobs with ease, even highly challenging ones.
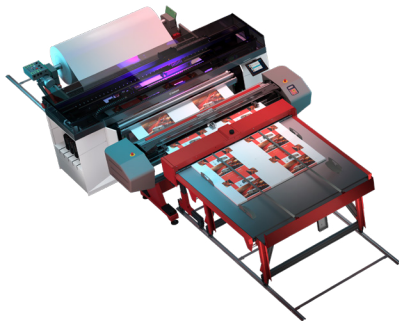

UVGEL WALLPAPER FACTORY OPTION

The UVgel Wallpaper Factory offers a complete digital printing and cutting solution, helping to enable mass customization and boundless creativity for unique wallcovering products. With integrated cutting and coreless rewinding, coupled with a robust bulk feed system, it allows for unattended operation overnight.

UVGEL PRINT FACTORY OPTION

Help maximize efficiency and decrease media load frequency with cost-effective jumbo rolls for printing. The UVgel Print Factory handles 30" diameter rolls up to 880 lbs. in weight, and helps to enable continuous, operator-free production. Attain, large-volume output without compromising image quality or durability.

UVGEL PACKAGING FACTORY OPTION

The UVgel Packaging Factory helps to create high quality preprinted sheets for lamination onto fiberboard and corrugated packaging. The cut-and-stack solution with a jumbo roll loader produces output sheets compatible with litho lamination, creasing, folding, and gluing workflows.

EXTERNAL MODULES	UVGEL WALLPAPER FACTORY	UVGEL PRINT FACTORY	UVGEL PACKAGING FACTORY
Jumbo Roll Loader	●	●	●
Jumbo Roll Interface Kit	●	●	●
X/Y Cutter	●	-	●
Rewinder	○	-	-
Jumbo Roll Rewinder	-	●	-
Stacker	-	●	●

● Standard   ○ Optional   - Not available

WIDE
APPLICATION
RANGE

DECALS

Eye-catching special metallic or holographic stickers to decorate and personalize objects.
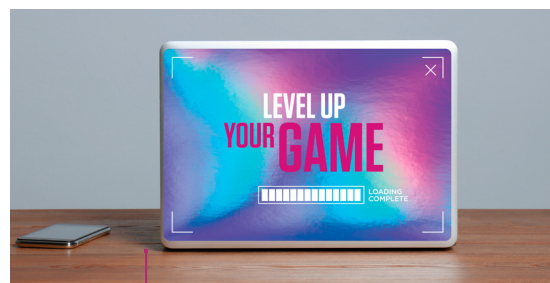

OUTDOOR ADVERTISING

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

BACKLIT DISPLAYS

Powerful, high-density images thanks to UVgel. Now even richer in color through multilayer printing.
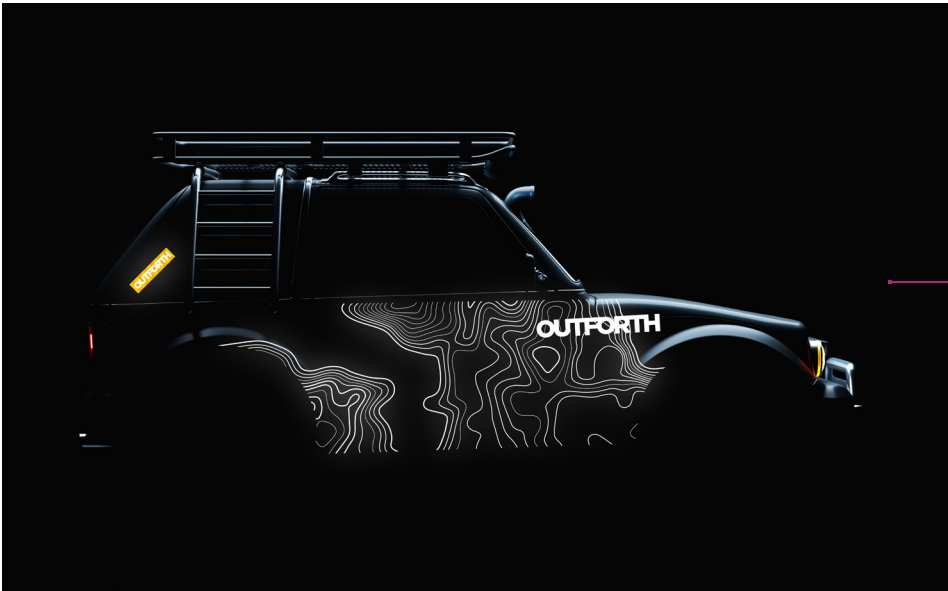
FLOOR GRAPHICS

Robust to walk and work on, with brilliant colors that create an eye-catching image.
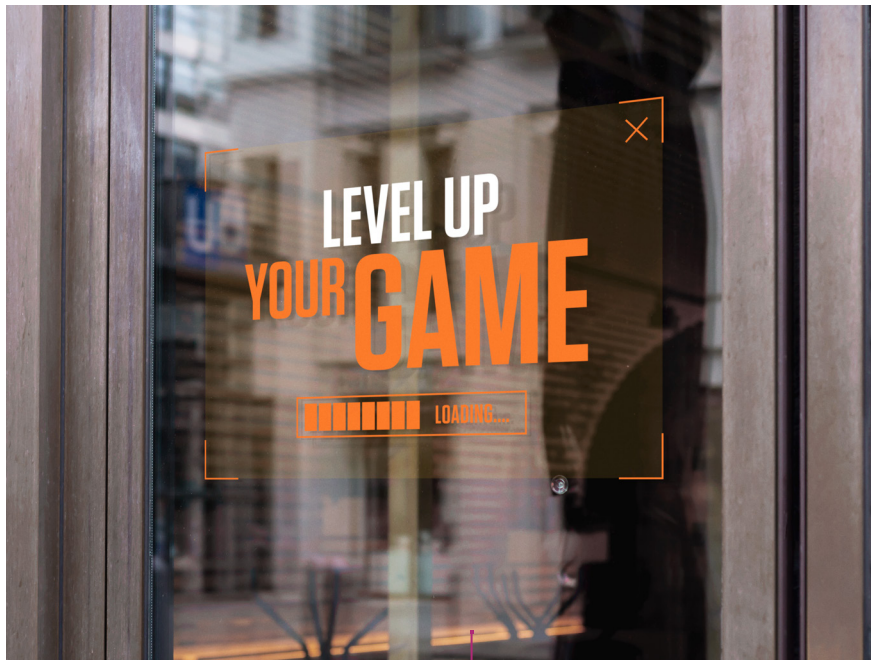

LABELS

A two-in-one deal: labels provide product information but also attract attention on the store shelves.

FLEET GRAPHICS

The combination of matte and glossy prints increases your design options. 3M™ MCS™-certified, inks, for stretchable, robust, and washable prints.

WINDOW GRAPHICS

Strong colors on clear media that is often applied wet to reduce bubbles.

HEAT TRANSFER

Transfer film and UVgel print, with excellent washability. Want to use a standard heat press? No problem! Enjoy limitless creativity.

MEMBRANE SWITCHES

High-quality images thanks to UVgel's excellent dot control.

WALLPAPER

Robust, scratch-resistant wallpaper with excellent dimensional stability and color consistency thanks to UVgel. Digital wallpaper done right!
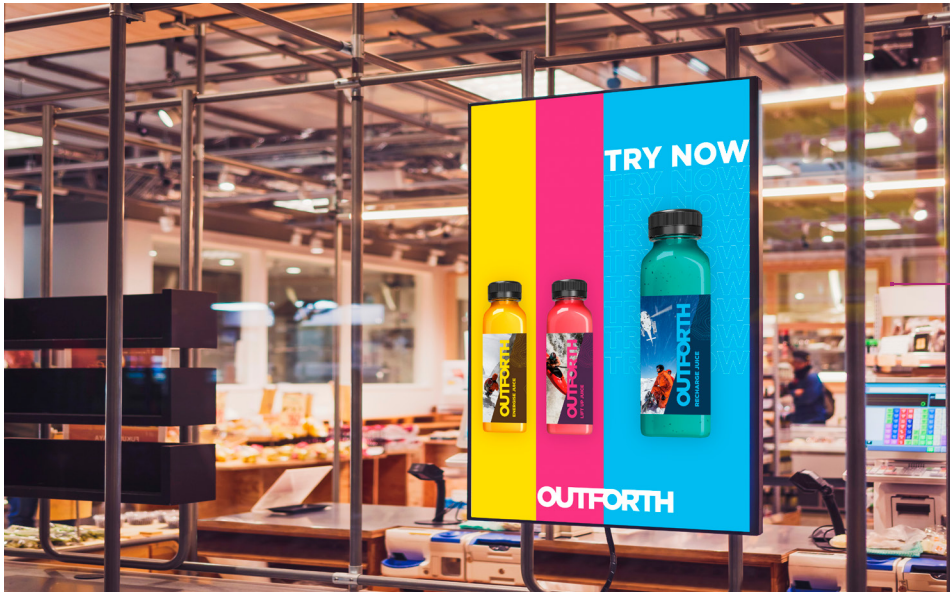
PACKAGING

Digital printing with UVgel enables short runs and bespoke designs to increase the joy of unboxing. Litho-laminated or direct onto paperboard.

MAGNETICS

Extremely easy to install. Works great with UVgel—in white, pre-colored, or PVC-free.

FRAMED SOFT SIGNAGE RETAIL POSTER

GREENGUARD Gold certification.

PHOTO/ FINE ART

Exceptional artistic freedom with flexible, robust UVgel inks for manual or automatic frame mounting.

WRAPPING PAPER

Create personalized gifts for that perfect moment they will never forget. Of course, printed on uncoated and recyclable media.

PRISMA XL SUITE

CREATE IMPACT BEYOND IMAGINATION

Optional PRISMA XL Suite is your set of workflow software solutions for large format graphics.

- Deliver outstanding and inspiring print applications every day.
- Help to increase your creativity and streamline your production.
- Deliver print applications that stand out.

PRISMAguide XL

Is a powerful and easy-to-use design and workflow management application for print service providers and industrial printing companies.

PRISMAservice

The ultimate platform for service activities.

- Helps to provide you with fast, efficient, and effective customer support.
- Integrates a wide range of Canon service tools in one unified portal.
- For servicing partners and servicing customers.

PRISMA remote app

Tightly integrates into your production print operation.

- 24/7 insights into performance of your Colorado printer.
- Not only shows what's going on, tells what action is needed to keep your printer running.
- Compatible mobile device apps available.

PRINTSIGHT FOR COLORADO

The PrintSight software enables print-for-pay business owners or their production staff to closely monitor many important aspects of their Colorado M-series printers from anywhere on their network. PrintSight displays a range of data in an intuitive user interface, allowing for real-time reports of ink/toner usage, media type printed, square footage, print time, machine status, and more.

PrintSight takes the guesswork out of knowing key details about a particular job or determining which machines are under or over utilized. With the ability to enter your ink cost per liter/bottle and media cost, PrintSight can calculate the cost of the job.

PrintSight

→ **MONITOR MACHINE STATUS**

→ **SEE TYPES OF MEDIA PRINTED AND SQUARE FOOTAGE USED**

→ **VIEW JOB PRINT TIMES**

→ **CALCULATE THE COST OF THE JOB**

COLORADO M-SERIES

PRINTING	COLORADO M3 BASE	COLORADO M3W	COLORADO M3 PRO	COLORADO M3W PRO	COLORADO M5 PRO	COLORADO M5W PRO
Printing Method	UVgel piezoelectric inkjet					
White	○	●	○	●	○	●
Printing Modes: Gloss	●				●	
High Key	1,195 ft²/hr				1,709 ft²/hr	
Express	840 ft²/hr				1,229 ft²/hr	
Speed	592 ft²/hr				861 ft²/hr	
Production	420 ft²/hr				610 ft²/hr	
High Quality	312 ft²/hr				427 ft²/hr	
Premium	237 ft²/hr				290 ft²/hr	
Specialty	215 ft²/hr				222 ft²/hr	
Matte Density[4]	107 ft²/hr				107 ft²/hr	
Printing Modes: Matte	○	○	●	●	●	●
Express	388 ft²/hr				495 ft²/hr	
Speed	291 ft²/hr				409 ft²/hr	
Production	237 ft²/hr				333 ft²/hr	
High Quality	194 ft²/hr				290 ft²/hr	
Specialty	140 ft²/hr				215 ft²/hr	
Backlit	194 ft²/hr				215 ft²/hr	
Backlit Density	108 ft²/hr				108 ft²/hr	
Backlit High Density[4]	75 ft²/hr				75 ft²/hr	
Printing Mode: Mixed Matte/Gloss (FLXfinish+)	○	○	●	●	●	●
FLXfinish+	75 ft²/hr				75 ft²/hr	
Printing Modes: Spot White 1 Layer	○	●	○	●	○	●
Express	291 ft²/hr				388 ft²/hr	
Speed	237 ft²/hr				323 ft²/hr	
Production	194 ft²/hr				258 ft²/hr	
High Quality	140 ft²/hr				194 ft²/hr	
Specialty	129 ft²/hr				129 ft²/hr	
Printing Modes: White Underflood/Overflood 2 Layers	○	●	○	●	○	●
Speed	215 ft²/hr				215 ft²/hr	
Production	151 ft²/hr				151 ft²/hr	
High Quality	108 ft²/hr				108 ft²/hr	
Specialty	75 ft²/hr				75 ft²/hr	
Printing Modes: White 3 Layers	○	●	○	●	○	●
High Quality	75 ft²/hr				75 ft²/hr	
Specialty	54 ft²/hr				54 ft²/hr	
Printing Modes: White 5 Layers	○	●	○	●	○	●
High Quality	43 ft²/hr				43 ft²/hr	
Specialty	32 ft²/hr				32 ft²/hr	
Robust Unidirectional	16 ft²/hr				16 ft²/hr	
Temporary Speed Upgrade License (30 Day)	○	○	○	○	-	
Print Resolution	Up to 1,800 dpi					
Ink Types	Canon UVgel 460 ink					
Ink Color	CMYK	CMYKW	CMYK	CMYKW	CMYK	CMYKW
Ink Packaging						
1 x 700 ml Ink Bottle	●				●	
2 x 1 Liter Ink Bottle	-				●	
Ink Reservoir Per Ink Color	1.8 liter				2.1 liter	
Refill While Printing	●					
Printhead						
UVgel 425	4	5	4	5	4	5
High Frequency Drop-on-demand Piezo-electric Printhead	●					
PAINT (Piezo Acoustic Integrated Nozzle Technology)	●					
Automatic Maintenance	●					
Curing	UV LED					

● Standard   ○ Optional   - Not available

MEDIA	COLORADO M3 BASE	COLORADO M3W	COLORADO M3 PRO	COLORADO M3W PRO	COLORADO M5 PRO	COLORADO M5W PRO
Roll Width	Up to 64" (1,625 mm)					
Print Margin	0.21" (5.3 mm)[1]					
Roll Weight	Up to 110 lbs. (50 kg)					
Roll Diameter	Up to 8.7" (220 mm)					
Media Thickness[4]	Up to 0.06" (1.6 mm)					
Media Input						
Print Side Out	○	○	●	●	●	●
Print Side In/Double-sided Printing	○	○	●	●	●	●
1 Roll	●	●	●	●	●	●
2 Rolls (automatic roll-feeding and -switching depending on media)	○	○	●	●	●	●
Magnetic Media Kit[2]	○	○	○	○	○	○
Jumbo Roll Interface	-	-	-	-	○	○
CERTIFICATIONS						
General	UL GREENGUARD Gold, ASTM F793/F7693M-15 (Category V, Type II)					
Media Certifications	3M MCS™, Avery ICS™ and Orafol OCS™					
WARRANTY						
Parts Warranty	2-year Warranty with unlimited square footage Usage					
Printhead Warranty	2-year Warranty or 215K square feet usage (whichever comes first)					
INTERFACE						
	Ethernet (100/1,000 Mbit/s)					
DIMENSIONS						
Printer W x D x H	3,020 x 1,095 x 1,300 mm					
WEIGHT						
	750 kg					
WORKING ENVIRONMENT						
Operation Printer	18−30 °C (recommended 20−27 °C), 20 - 80% RH (no condensation)					
POWER						
Consumption	0 W - Off, 250 W - Standby, 1.6 kW - Ready, 2.3 kW - Printing 2 inputs, each 200-240V +/- 10%, 50/60 Hz, 16/6 A.					
Source	Printer is declared under Radio Equipment Directive (RED)- 2014/53/EU					
REGULATORY CERTIFICATION						
Declaration of Conformity	Compliant with EN62479, EN301 489-1, EN301 489-3, EN300-330					
	FCC Part 15 and RSS-210 certified (module)					
Radio	IEC/EN/UL/CSA 62368-1 compliant Applicable marks: CE, TÜV-GS, C-UL-US, RCM					
Safety	Emission: Class A compliant according CISPR 32, FCC part 15, and ICES-003 Immunity: CISPR 35 compliant					
EMC Environmental	WEEE, RoHS directive 2011/65/EU, REACH, CE Applicable marks: CE, FCC, IC, VCCI, RCM, CETECOM					
SOFTWARE						
RIP Compatibility[3]	ONYX Graphics, Caldera, EFI, PrintFactory, ColorGATE, ErgoSoft, Shiraz					
PRISMAguide XL	○					
PRISMA Remote App	●					
PRISMAservice	●					

Specifications subject to change without notice.
[1] *Margin 0.43 mm when Media Step Control enabled.*
[2] *Magnetic media can only be used in Roll Position 1. The magnetic kit may impact feeding of other media in Roll Position 1 with no impact to Roll Position 2. Compliant magnetic media needs to be less than 500 microns thick, and the media width times the squared media thickness (W x T2) in mm needs to be less than 250. Non-compliant magnetic media needs to be tested and approved by the Canon Customer Experience Center before use. Any non-compliant media still needs to be within standard Colorado media specifications to be tested.*
[3] *Contact RIP manufacturer for required version.*
[4] *Requires R4.5 firmware or later*

● Standard ○ Optional - Not available

Canon

usa.canon.com/largeformat