



# COLORADO M-SERIES



DATASHEET

Are you ready for the next level in productivity and creativity? The Colorado M-series was designed to allow you to say 'yes' to more jobs, create stunning applications, and reduce turnaround times. It's modular architecture allows it to grow with your business, and is designed for low cost of ownership.

- **The power of UVgel.** Our unique UVgel technology creates robust, fade and scratch-resistant prints with excellent print quality.
- **White ink without worry.** Developed for the Colorado M-series, our UVgel ink set now brings you a next-level white ink that helps to reduce the hassles associated with white ink. The white ink option can be ordered with the printer or added as a hardware upgrade later by a trained service provider.
- **FLXfinish+.** A game-changer in large format graphics. Print matte, gloss, or mixed matte and gloss in one print, without varnish or an additional printhead. The FLXfinish+ option helps your production stand out from the competition.
- **Impressive media range.** More design freedom to impress your customers. Easily print textured, transparent, colored, reflective, and heat-sensitive media, plus many more! You can even upgrade the M-series to print on magnetic media with a hardware upgrade.
- **Upgradeable.** Is your business changing course or growing quickly? Easily add speed, FLXfinish+, dual-roll capabilities, and many other new functionalities to your Colorado M-series printer via a simple license.
- **Rock-solid quality.** The Colorado family is built for high uptime and consistent print output.
- **Level up your Colorado into a Factory.** Add a jumbo roll bulk feed system and matching finishing modules for high throughput and overnight jobs.

# COLORADO M-SERIES



| PRINTING  | COLORADO M3 BASE           | COLORADO M3W              | COLORADO M3 PRO | COLORADO M3W PRO | COLORADO M5 PRO | COLORADO M5W PRO          | UVGEL WALLPAPER FACTORY | UVGEL PRINT FACTORY |
|---|----------------------------|---------------------------|-----------------|------------------|-----------------|---------------------------|-------------------------|---------------------|
| <b>Printing method</b>                                    | UVgel piezoelectric inkjet |                           |                 |                  |                 |                           |                         |                     |
| <b>White</b>  | ○                          | ●                         | ○               | ●                | ○               | ●                         | ○                       | ○                   |
| <b>Printing modes: gloss</b>                              | ●                          |                           |                 |                  | ●               |                           |                         |                     |
| High Key  |                            | 1,195 ft <sup>2</sup> /hr |                 |                  |                 | 1,709 ft <sup>2</sup> /hr |                         |                     |
| Express   |                            | 840 ft <sup>2</sup> /hr   |                 |                  |                 | 1,229 ft <sup>2</sup> /hr |                         |                     |
| Speed   |                            | 592 ft <sup>2</sup> /hr   |                 |                  |                 | 861 ft <sup>2</sup> /hr   |                         |                     |
| Production  |                            | 420 ft <sup>2</sup> /hr   |                 |                  |                 | 610 ft <sup>2</sup> /hr   |                         |                     |
| High Quality  |                            | 312 ft <sup>2</sup> /hr   |                 |                  |                 | 427 ft <sup>2</sup> /hr   |                         |                     |
| Premium   |                            | 237 ft <sup>2</sup> /hr   |                 |                  |                 | 290 ft <sup>2</sup> /hr   |                         |                     |
| Specialty   |                            | 215 ft <sup>2</sup> /hr   |                 |                  |                 | 222 ft <sup>2</sup> /hr   |                         |                     |
| <b>Printing modes: matte</b>                              | ○                          | ○                         | ●               | ●                | ●               | ●                         | ○                       | ○                   |
| Express   |                            | 388 ft <sup>2</sup> /hr   |                 |                  |                 | 495 ft <sup>2</sup> /hr   |                         |                     |
| Speed   |                            | 291 ft <sup>2</sup> /hr   |                 |                  |                 | 409 ft <sup>2</sup> /hr   |                         |                     |
| Production  |                            | 237 ft <sup>2</sup> /hr   |                 |                  |                 | 333 ft <sup>2</sup> /hr   |                         |                     |
| High Quality  |                            | 194 ft <sup>2</sup> /hr   |                 |                  |                 | 290 ft <sup>2</sup> /hr   |                         |                     |
| Specialty   |                            | 140 ft <sup>2</sup> /hr   |                 |                  |                 | 215 ft <sup>2</sup> /hr   |                         |                     |
| Matte Density <sup>3</sup>                                |                            | 107 ft <sup>2</sup> /hr   |                 |                  |                 | 107 ft <sup>2</sup> /hr   |                         |                     |
| Backlit   |                            | 194 ft <sup>2</sup> /hr   |                 |                  |                 | 215 ft <sup>2</sup> /hr   |                         |                     |
| Backlit Density   |                            | 108 ft <sup>2</sup> /hr   |                 |                  |                 | 108 ft <sup>2</sup> /hr   |                         |                     |
| Backlit High Density <sup>3</sup>                         |                            | 75 ft <sup>2</sup> /hr    |                 |                  |                 | 75 ft <sup>2</sup> /hr    |                         |                     |
| <b>Printing mode: mixed matte/gloss</b>                   | ○                          | ○                         | ●               | ●                | ●               | ●                         | ○                       | ○                   |
| FLXfinish+  |                            | 75 ft <sup>2</sup> /hr    |                 |                  |                 | 75 ft <sup>2</sup> /hr    |                         |                     |
| <b>Printing modes: spot white 1 layer</b>                 | ○                          | ●                         | ○               | ●                | ○               | ●                         | ○                       | ○                   |
| Express   |                            | 291 ft <sup>2</sup> /hr   |                 |                  |                 | 388 ft <sup>2</sup> /hr   |                         |                     |
| Speed   |                            | 237 ft <sup>2</sup> /hr   |                 |                  |                 | 323 ft <sup>2</sup> /hr   |                         |                     |
| Production  |                            | 194 ft <sup>2</sup> /hr   |                 |                  |                 | 258 ft <sup>2</sup> /hr   |                         |                     |
| High Quality  |                            | 140 ft <sup>2</sup> /hr   |                 |                  |                 | 194 ft <sup>2</sup> /hr   |                         |                     |
| Specialty   |                            | 129 ft <sup>2</sup> /hr   |                 |                  |                 | 129 ft <sup>2</sup> /hr   |                         |                     |
| <b>Printing modes: white underflood/overflow 2 layers</b> | ○                          | ●                         | ○               | ●                | ○               | ●                         | ○                       | ○                   |
| Speed   |                            | 215 ft <sup>2</sup> /hr   |                 |                  |                 | 215 ft <sup>2</sup> /hr   |                         |                     |
| Production  |                            | 151 ft <sup>2</sup> /hr   |                 |                  |                 | 151 ft <sup>2</sup> /hr   |                         |                     |
| High Quality  |                            | 108 ft <sup>2</sup> /hr   |                 |                  |                 | 108 ft <sup>2</sup> /hr   |                         |                     |
| Specialty   |                            | 75 ft <sup>2</sup> /hr    |                 |                  |                 | 75 ft <sup>2</sup> /hr    |                         |                     |
| <b>Printing modes: white 3 layers</b>                     | ○                          | ●                         | ○               | ●                | ○               | ●                         | ○                       | ○                   |
| High Quality  |                            | 75 ft <sup>2</sup> /hr    |                 |                  |                 | 75 ft <sup>2</sup> /hr    |                         |                     |
| Specialty   |                            | 54 ft <sup>2</sup> /hr    |                 |                  |                 | 54 ft <sup>2</sup> /hr    |                         |                     |
| <b>Printing modes: white 5 layers</b>                     | ○                          | ●                         | ○               | ●                | ○               | ●                         | ○                       | ○                   |
| High Quality  |                            | 43 ft <sup>2</sup> /hr    |                 |                  |                 | 43 ft <sup>2</sup> /hr    |                         |                     |
| Specialty   |                            | 32 ft <sup>2</sup> /hr    |                 |                  |                 | 32 ft <sup>2</sup> /hr    |                         |                     |
| Robust Unidirectional                                     |                            | 16 ft <sup>2</sup> /hr    |                 |                  |                 | 16 ft <sup>2</sup> /hr    |                         |                     |
| <b>Temporary Speed Upgrade License (30 Day)</b>           | ○                          | ○                         | ○               | ○                |                 |                           |                         |                     |
| <b>Print resolution</b>                                   | Up to 1,800 dpi            |                           |                 |                  |                 |                           |                         |                     |
| <b>Ink types</b>  | Canon UVgel 460 ink        |                           |                 |                  |                 |                           |                         |                     |
| <b>Ink color</b>  | CMYK                       | CMYKW                     | CMYK            | CMYKW            | CMYK            | CMYKW                     | CMYK or CMYKW           | CMYK or CMYKW       |
| <b>Ink packaging</b>                                      |                            |                           |                 |                  |                 |                           |                         |                     |
| 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                                     |                            |                           |                 | ●                |                 |                           |                         |                     |
| <b>Printhead</b>  |                            |                           |                 |                  |                 |                           |                         |                     |
| UVgel 425   | 4                          | 5                         | 4               | 5                | 4               | 5                         | 4 or 5                  | 4 or 5              |
| High frequency drop-on-demand piezo-electric printhead    |                            |                           |                 | ●                |                 |                           |                         |                     |
| PAINT (Piezo Acoustic Integrated Nozzle Technology)       |                            |                           |                 | ●                |                 |                           |                         |                     |
| <b>Automatic maintenance</b>                              |                            |                           |                 | ●                |                 |                           |                         |                     |
| <b>Curing</b>   | UV LED                     |                           |                 |                  |                 |                           |                         |                     |

# Technical specifications



| MEDIA   | COLORADO M3 BASE  | COLORADO M3W | COLORADO M3 PRO | COLORADO M3W PRO | COLORADO M5 PRO | COLORADO M5W PRO | UVGEL WALLPAPER FACTORY | UVGEL PRINT FACTORY |
|---|---|--------------|-----------------|------------------|-----------------|------------------|-------------------------|---------------------|
| Roll width  | Up to 64" (1,625 mm)  |              |                 |                  |                 |                  |                         |                     |
| Print margin  | 0.21" (5.3 mm) <sup>1</sup>   |              |                 |                  |                 |                  |                         |                     |
| Roll weight   | Up to 110 lbs. (50 kg)  |              |                 |                  |                 |                  |                         |                     |
| Roll diameter   | Up to 8.7" (220 mm)   |              |                 |                  |                 |                  |                         |                     |
| Media thickness <sup>3</sup>  | Up to 0.06" (1.6 mm)  |              |                 |                  |                 |                  |                         |                     |
| <b>Media input</b>  |   |              |                 |                  |                 |                  |                         |                     |
| Print side out  | ○   | ○            | ●               | ●                | ●               | ●                | ○                       | ○                   |
| Print side in/Double-sided printing                                 | ○   | ○            | ●               | ●                | ●               | ●                | ○                       | ○                   |
| 1 roll  | ●   | ●            | ●               | ●                | ●               | ●                | ○                       | ○                   |
| 2 rolls (automatic roll-feeding and -switching depending on media)  | ○   | ○            | ●               | ●                | ●               | ●                | ○                       | ○                   |
| Magnetic Media Kit  | ○   | ○            | ○               | ○                | ○               | ○                | -                       | -                   |
| Jumbo roll interface  | -   | -            | -               | -                | ○               | ○                | ●                       | ●                   |
| <b>UVgel Technology</b>   |   |              |                 |                  |                 |                  |                         |                     |
| Instant pinning and dot gain control                                | ●   |              |                 |                  |                 |                  |                         |                     |
| Low temperature curing - suitable for thin and heat-sensitive media | ●   |              |                 |                  |                 |                  |                         |                     |
| Scratch resistance  | ●   |              |                 |                  |                 |                  |                         |                     |
| Easy lamination, smooth ink film                                    | ●   |              |                 |                  |                 |                  |                         |                     |
| High precision color consistency                                    | ●   |              |                 |                  |                 |                  |                         |                     |
| Odorless and instant dry prints                                     | ●   |              |                 |                  |                 |                  |                         |                     |
| FLXfinish*  | ○   | ○            | ●               | ●                | ●               | ●                | ○                       | ○                   |
| <b>CERTIFICATIONS</b>   |   |              |                 |                  |                 |                  |                         |                     |
| Environmental and safe use  | GREENGUARD Gold   |              |                 |                  |                 |                  |                         |                     |
| Vehicle Wraps   | 3M MCS  |              |                 |                  |                 |                  |                         |                     |
| <b>INTERFACE</b>  |   |              |                 |                  |                 |                  |                         |                     |
|   | Ethernet (100/1,000 Mbit/s)   |              |                 |                  |                 |                  |                         |                     |
| <b>DIMENSIONS</b>   |   |              |                 |                  |                 |                  |                         |                     |
| Printer W x D x H   | 3,020 x 1,095 x 1,300 mm  |              |                 |                  |                 |                  |                         |                     |
| <b>WEIGHT</b>   |   |              |                 |                  |                 |                  |                         |                     |
|   | 750 kg  |              |                 |                  |                 |                  |                         |                     |
| <b>WORKING ENVIRONMENT</b>  |   |              |                 |                  |                 |                  |                         |                     |
| Operation printer   | 18 - 30°C (recommended 20 - 27°C), 20 - 80% RH (no condensation)  |              |                 |                  |                 |                  |                         |                     |
| <b>POWER</b>  |   |              |                 |                  |                 |                  |                         |                     |
|   | 0 W - Off, 250 W - Standby, 1.6 kW - Ready, 2.3 kW - Printing   |              |                 |                  |                 |                  |                         |                     |
| Consumption   | 2 inputs, each 200-240V +/- 10%, 50/60 Hz, 16/6 A.  |              |                 |                  |                 |                  |                         |                     |
| Source  | Printer is declared under Radio Equipment Directive (RED)- 2014/53/EU   |              |                 |                  |                 |                  |                         |                     |
| <b>REGULATORY CERTIFICATION</b>                                     |   |              |                 |                  |                 |                  |                         |                     |
| Declaration of conformity   | Compliant with EN62479, EN301 489-1, EN301 489-3, EN300-330<br>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<br>Applicable marks: CE, FCC, IC, VCCI, RCM, CETECOM |              |                 |                  |                 |                  |                         |                     |
| <b>EMC ENVIRONMENTAL</b>  |   |              |                 |                  |                 |                  |                         |                     |
|   | WEEE, RoHS directive 2011/65/EU, REACH, CE  |              |                 |                  |                 |                  |                         |                     |
| <b>SOFTWARE</b>   |   |              |                 |                  |                 |                  |                         |                     |
| RIP Compatibility <sup>2</sup>                                      | ONYX Graphics, Caldera, EFI, PrintFactory, ColorGATE, ErgoSoft, Shiraz  |              |                 |                  |                 |                  |                         |                     |
| PRISMAguide XL  | ○   |              |                 |                  |                 |                  |                         |                     |
| PRISMA remote app   | ●   |              |                 |                  |                 |                  |                         |                     |
| PRISMAservice   | ●   |              |                 |                  |                 |                  |                         |                     |
| <b>EXTERNAL MODULES</b>   |   |              |                 |                  |                 |                  |                         |                     |
| Jumbo Roll Loader   | -   | -            | -               | -                | -               | -                | ●                       | ●                   |
| X/Y Cutter  | -   | -            | -               | -                | -               | -                | ●                       | -                   |
| Rewinder  | -   | -            | -               | -                | -               | -                | ○                       | -                   |
| Jumbo Roll Rewinder   | -   | -            | -               | -                | -               | -                | -                       | ●                   |

<sup>1</sup> Margin 0.43 mm when Media Step Control enabled - Specifications subject to change without notice.

<sup>2</sup> Contact RIP manufacturer for required version

<sup>3</sup> Requires R4.5 firmware or later

**Canon**

[usa.canon.com/largeformat](https://usa.canon.com/largeformat)