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.

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PRINTING	COLORADO M3 BASE	COLORADO M3W	COLORADO M3 PRO	COLORADO M3W PRO	COLORADO M5 PRO	COLORADO M5W PRO	UVGEL WALLPAPER FACTORY	UVGEL PRINT FACTORY
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			
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			
Printing mode: mixed matte/gloss	○	○	●	●	●	●	○	○
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	CMYK or CMYKW	CMYK or 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	4 or 5	4 or 5
High frequency drop-on-demand piezo-electric printhead	●							
PAINT (Piezo Acoustic Integrated Nozzle Technology)	●							
Automatic maintenance	●							
Curing	UV LED							

● *Standard* ○ *Optional* - *Not available*

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)[1]							
Roll weight	Up to 110 lbs. (50 kg)							
Roll diameter	Up to 8.7" (220 mm)							
Media thickness	Up to 0.03" (0.8 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	○	○	○	○	○	○	-	-
Jumbo roll interface	-	-	-	-	○	○	●	●
UVgel Technology								
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*	○	○	●	●	●	●	○	○
CERTIFICATIONS								
Environmental and safe use	GREENGUARD Gold							
Vehicle Wraps	3M MCS							
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								
	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							
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							
	Applicable marks: CE, FCC, IC, VCCI, RCM, CETECOM							
EMC ENVIRONMENTAL								
	WEEE, RoHS directive 2011/65/EU, REACH, CE							
SOFTWARE								
RIP Compatibility[2]	ONYX Graphics, Caldera, EFI, PrintFactory, ColorGATE, ErgoSoft, Shiraz							
PRISMAguide XL	○							
PRISMA remote app	●							
PRISMAservice	●							
EXTERNAL MODULES								
Jumbo Roll Loader	-	-	-	-	-	-	●	●
X/Y Cutter	-	-	-	-	-	-	●	-
Rewinder	-	-	-	-	-	-	○	-
Jumbo Roll Rewinder	-	-	-	-	-	-	-	●

1 Margin 0.43 mm when Media Step Control enabled - Specifications subject to change without notice.
2 Contact RIP manufacturer for required version

● *Standard* ○ *Optional* - *Not available*



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