THE FLEXIBLE CHOICE

Colorado 1650

With Canon's unique UVgel technology, this innovative roll-to-roll 64-inch printer offers unprecedented productivity, superb quality, and exceptional application versatility, plus low running costs.

- Unique, next-generation UVgel technology combines excellent quality, high productivity, and extensive versatility with low TCO in one single printer.

- Unprecedented productivity with fast output speed and short drying time that takes you straight to finishing.

- Consistently excellent color quality with precise, sharp dots, wide color gamut, strong saturation for dark colors, and accurate skin tones.

- Outstanding flexibility to handle multiple jobs and a huge range of media on one device, including thin and heat sensitive up to 64-inches wide. Ideal for both indoor and outdoor applications.

- Easy to operate with support for the unattended and automatic delivery of finished output.

- Helps save on running costs thanks to reduced ink and energy requirements plus inbuilt printhead reliability and low maintenance that help deliver maximum uptime.

- Choose either a flawless glossy, luxurious matte finish, or both at the same time with the touch of a button. FLXfinish+ gives you the choice without having to change either media or inks.

- Impressive application range thanks to the flexible and stretchable formulation of the UVgel 460 inks and the ingenious FLXfinish+ technology. The UVgel 460 inks provide excellent image stability even when folded, bent, and wrapped.

- FLXfinish+ is a revolutionary NEW technology for Canon Colorado printers that helps PSPs command a premium price for their prints, while not incurring additional costs. Print gloss AND matte on the same print without a varnish or additional consumables.

Technical specifications - imperial

PRINTING

Printing method	UVgel piezoelectric inkjet
Printing modes gloss	1709 ft²/hr - Max speed 1229 ft²/hr - High speed 861 ft²/hr - Speed 610 ft²/hr - Production 427 ft²/hr - High quality 290 ft²/hr - Superior 222 ft²/hr - Specialty
Printing modes matte	495 ft²/hr - High Speed 409 ft²/hr - Speed 333 ft²/hr - Production 290 ft²/hr - Quality 215 ft²/hr - Speciality 215 ft²/hr - Backlit 107 ft²/hr - Backlit Density
Printing modes mixed matte and gloss	75 ft²/hr
Print resolution	Up to 1,800 dpi
Ink types	Canon UVgel 460 ink
Ink color	CMYK
Ink packaging	2 x 1 liter ink bottle Ink reservoir can accommodate up to 2.5 ltr per ink color Refill while printing
Printheads	UVgel 415 printheads High frequency drop-on-demand piezoelectric printhead PAINT (Piezo Acoustic Integrated Nozzle Technology) constantly monitors and compensates for nozzle failures that can occur during printing
Automatic maintenance	Eliminate daily manual maintenance tasks to save operator time
Curing	UV LED

MEDIA

Roll width	Up to 64"
Print margin	0.21" *
Roll weight	Up to 110 lbs
Roll diameter	Up to 8.7"
Media thickness	Up to 0.03" (31.5 mil)
Media input	Print side out Automatic and manual feed Print side in Double-sided printing
Number of input rolls	1 or 2 (automatic roll-feeding and -switching depending on media used)
Media take-up system	Both loose and tight winding possible

UVGEL TECHNOLOGY

UVgel technology – instant pinning and dot gain control
Low temperature curing – suitable for thin and heat-sensitive media
Outstanding scratch resistance
Easy lamination, smooth ink film
High precision color-matching and consistency
Odorless and instant dry printout

FLXfinish+ — Enables matte print modes for vibrant matte and gloss
Prints on smooth and porous/structured media

CERTIFICATIONS

Environmental and safe use	Indoor AgBB GREENGUARD GOLD CE EN 15102 (decorative wall coverings) ASTM F793 Type II M1 B-s1d0 Émissions dans l'air intérieur A+
Media	Avery Dennison ICS Warranty 3M Performance Guarantee MACTAC Performance Guarantee

INTERFACE

Ethernet (100/1,000 Mbit/s)

DIMENSIONS

Printer W x D x H	119 x 43 x 52"

WEIGHT

Printer	1,631 lbs

WORKING ENVIRONMENT

Operation printer	64–86°F (recommended 68–81°F) 20–80% RH (no condensation) (recommended 30–60%)

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 24 compliant Applicable marks: CE, FCC, IC, VCCI, RCM, CETECOM

EMC

Environmental	WEEE, RoHS directive 2011/65/EU, REACH, CE

SOFTWARE

Supported RIPs	ONYX Graphics, Caldera, EFI, PrintFactory, ColorGATE, ErgoSoft, Shiraz, AGFA
API	Colorado API for third-party vendors

Margin 0.43" when Media Step Control enabled.
Specifications subject to change without notice.