



## 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 ft <sup>2</sup> /hr - Max speed 1229 ft <sup>2</sup> /hr - High speed 861 ft <sup>2</sup> /hr - Speed 610 ft <sup>2</sup> /hr - Production 427 ft <sup>2</sup> /hr - High quality 290 ft <sup>2</sup> /hr - Superior 222 ft <sup>2</sup> /hr - Specialty
Printing modes matte	495 ft <sup>2</sup> /hr - High Speed 409 ft <sup>2</sup> /hr - Speed 333 ft <sup>2</sup> /hr - Production 290 ft <sup>2</sup> /hr - Quality 215 ft <sup>2</sup> /hr - Specialty 215 ft <sup>2</sup> /hr - Backlit 107 ft <sup>2</sup> /hr - Backlit Density
Printing modes mixed matte and gloss	75 ft <sup>2</sup> /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
<b>MEDIA</b>	
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
<b>UVGEL TECHNOLOGY</b>	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+

### CERTIFICATIONS

#### Environmental and safe use

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

Indoor AgBB  
GREENGUARD GOLD  
CE EN 15102 (decorative wall coverings)  
ASTM F793 Type II  
M1  
B-s1d0  
Émissions dans l'air intérieur A+  
Avery Dennison ICS Warranty  
3M Performance Guarantee  
MACTAC Performance Guarantee  
Ethernet (100/1,000 Mbit/s)

#### Media

### INTERFACE 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.

# Canon

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