

The flexible choice

# COLORADO 1650

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

- Unique 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 colour quality with precise, sharp dots, a wider colour gamut, strong saturation for dark colours and accurate skin tones.
- Unrivalled 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.
- Save on running costs thanks to reduced ink and energy requirements plus inbuilt printhead reliability and low maintenance that ensure maximum uptime.
- With FLXfinish+ you can choose the right finish for your applications: velvety matte, vibrant gloss, or both combined in one print.
- 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 perfect image stability even when folded, bent and stretched.



Canon

## PRINTING

<b>Printing method</b>	UVgel piezoelectric inkjet
<b>Printing modes gloss</b>	159 m <sup>2</sup> /hr - Max speed 114 m <sup>2</sup> /hr - High speed 80 m <sup>2</sup> /hr - Speed 57 m <sup>2</sup> /hr - Production 40 m <sup>2</sup> /hr - High quality 27 m <sup>2</sup> /hr - Superior 20 m <sup>2</sup> /hr - Specialty
<b>Printing modes matte</b>	46 m <sup>2</sup> /hr - High Speed 38 m <sup>2</sup> /hr - Speed 31 m <sup>2</sup> /hr - Production 27 m <sup>2</sup> /hr - Quality 20 m <sup>2</sup> /hr - Speciality 20 m <sup>2</sup> /hr - Backlit 10 m <sup>2</sup> /hr - Backlit Density
<b>Printing mode mixed matte/gloss</b>	7 m <sup>2</sup> /hr - FLXfinish*
<b>Print resolution</b>	Up to 1,800 dpi
<b>Ink types</b>	Canon UVgel 460 ink
<b>Ink colour</b>	CMYK
<b>Ink packaging</b>	2 x 1 litre ink bottle Ink reservoir can accommodate up to 2,5 litre per ink colour Refill while printing
<b>Printheads</b>	UVgel 415 printheads High frequency drop-on-demand piezo-electric printhead  PAINT (Piezo Acoustic Integrated Nozzle Technology) constantly monitors and compensates for nozzle failures that can occur during printing
<b>Automatic maintenance</b>	Eliminate daily manual maintenance tasks to save operator time
<b>Curing</b>	UV LED

## MEDIA

<b>Roll width</b>	Up to 1,625 mm
<b>Print margin</b>	5,3 mm*
<b>Roll weight</b>	Up to 50 kg
<b>Roll diameter</b>	Up to 220 mm
<b>Media thickness</b>	Up to 0.8 mm
<b>Media input</b>	Print side in or out Double sided printing Automatic and manual feed
<b>Number of input rolls</b>	2 (automatic roll-feeding and -switching depending on media used)
<b>Media take-up system</b>	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 colour-matching and consistency  
Odourless and instant dry printout

## FLXfinish\*

## CERTIFICATIONS

### Environmental and safe use

Choose the right finish for your applications: velvety matte, vibrant gloss, or both combined in one print

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

## INTERFACE

Ethernet (100/1,000 Mbit/s)

## DIMENSIONS

### Printer W x D x H

3,020 x 1,095 x 1,300 mm

## WEIGHT

### Printer

750 kg

## WORKING ENVIRONMENT

### Operation printer

18 - 30°C (recommended 20 - 27°C)  
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

Colorado API for 3rd party vendors

\* margin 11.0 mm when Media Step Control enabled  
Specifications subject to change without notice

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