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: velvetty 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

Technical specifications - metric

Colorado 1650

PRINTING

Printing method	UVgel piezoelectric inkjet
Printing modes gloss	159 m²/hr - Max speed 114 m²/hr - High speed 80 m²/hr - Speed 57 m²/hr - Production 40 m²/hr - High quality 27 m²/hr - Superior 20 m²/hr - Specialty
Printing modes matte	46 m²/hr - High Speed 38 m²/hr - Speed 31 m²/hr - Production 27 m²/hr - Quality 20 m²/hr - Speciality 20 m²/hr - Backlit 10 m²/hr - Backlit Density
Printing mode mixed matte/gloss	7 m²/hr – FLXfinish⁺
Print resolution	Up to 1,800 dpi
Ink types	Canon UVgel 460 ink
Ink colour	CMYK
Ink packaging	2 x 1 litre ink bottle Ink reservoir can accommodate up to 2.5 litre per ink colour Refill while printing
Printheads	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
Automatic maintenance	Eliminate daily manual maintenance tasks to save operator time
Curing	UV LED

MEDIA

Roll width	Up to 1,625 mm
Print margin	5.3 mm*
Roll weight	Up to 50 kg
Roll diameter	Up to 220 mm
Media thickness	Up to 0.8 mm
Media input	Print side in or out Double sided printing Automatic and manual feed
Number of input rolls	2 (automatic roll-feeding and -switching depending on media used)
Media take-up sustem	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⁺

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

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

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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