

Colorado 1650

The Flexible Choice

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, 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 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.
- Choose either a flawless glossy or luxurious matte finish at 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 perfect image stability even when folded, bent and wrapped.

PRINTING

Printing method	Canon UVgel piezoelectric inkjet
Printing modes Gloss	159 m ² /hr 1709 ft ² /hr - Max speed 114 m ² /hr 1229 ft ² /hr - High speed 80 m ² /hr 861 ft ² /hr - Speed 57 m ² /hr 610 ft ² /hr - Production 40 m ² /hr 427 ft ² /hr - High quality 27 m ² /hr 290 ft ² /hr - Superior 20 m ² /hr 215 ft ² /hr - Specialty
Print Modes Matte	46 m ² /hr 495 ft ² /hr - High Speed 38 m ² /hr 409 ft ² /hr - Speed 31 m ² /hr 333 ft ² /hr - Production 27 m ² /hr 290 ft ² /hr - Quality 20 m ² /hr 215 ft ² /hr - Specialty 20 m ² /hr 215 ft ² /hr - Backlit 10 m ² /hr 107 ft ² /hr - Backlit Density
Print resolution	Up to 1800dpi
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 ltr per ink colour Refill while printing
Printheads	UVgel 415 printhead High frequency drop-on-demand piezo-electric printhead (2/colour) 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 1625 mm
Print margin	5,3 mm *
Roll weight	Up to 50 kg
Roll diameter	Up to 220mm
Media thickness	Up to 0,8mm
Media input	Print side wound-in or out Double-sided printing possible Automatic and manual feed
Number of input rolls	2 (automatic roll-feeding and -switching depending on media used)
Media take-up system	Both loose and tight winding possible

UVGEL TECHNOLOGY

Canon 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
Odorless and instant dry printout

ENVIRONMENTAL AND SAFE USE CERTIFICATIONS

Indoor AgBB (general) **
GREENGUARD GOLD (wall paper general) **
EN15102 (decorative wall coverings) **

INTERFACE

Ethernet (100/1000 Mbit/s)

DIMENSIONS

Printer W x D x H

3022 x 1093 x 1310 mm

WEIGHT

Printer

740 kg

WORKING ENVIRONMENT

Operation printer

18 - 30°C (recommended 20 - 27°C)
20-80% RH (no condensation)
(recommended 30-60%)

POWER

Consumption

Up to 4 kW printing

Source

2 inputs, each 200-240V +/- 10%,
50/60 Hz, 16/6 A.

REGULATORY CERTIFICATION

Declaration of Conformity

Printer is declared under Radio Equipment Directive (RED)- 2014/53/EU

Radio

Compliant with EN62479, EN301 489-1, EN301 489-3, EN300-330
FCC Part 15 and RSS-210 certified (module)

Safety

IEC/EN/UL/CSA 62368-1 compliant
Applicable marks: CE, TÜV-GS, C-UL-US, RCM

EMC

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

Environmental

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

SOFTWARE

Supported RIPs

ONYS* Graphics, Caldera

* margin 11,0 mm when Media Step Control enabled

** certification in process

Specifications subject to change without notice