Expand your horizons

COLORADO
1630

Add the unique, proven advantages of UVgel technology to your roll-to-roll offering with the modular Colorado 1630. A smart investment, as you can configure the base system to your specific situation and upgrade later as your business grows.

- 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.

- Consistent 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 your options: matte printing, double-sided printing and / or second media roll. Upgrade your printer, when your business grows.

- All options can be enabled remotely and on demand, without the need for a service visit.

Canon

Technical specifications - metric

Colorado **1630**

PRINTING

Printing method	UVgel piezoelectric inkjet
Printing modes gloss	111 m²/hr - Max speed 78 m²/hr - High speed 55 m²/hr - Speed 39 m²/hr - Production 29 m²/hr - High quality 19 m²/hr - Specialty
Printing modes matte **	36 m²/hr - High Speed 27 m²/hr - Speed 22 m²/hr - Production 18 m²/hr - Quality 18 m²/hr - Backlit 13 m²/hr - Specialty 10 m²/hr - Backlit Density
Print resolution	Up to 1,800 dpi
Ink types	Canon UVgel 460 ink
Ink colour	CMYK
Ink packaging	1 x 0.7 litre ink bottle Ink reservoir can accommodate up to 1.8 litre per ink colour Refill while printing
Printheads	UVgel 425 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 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 sustem	Both loose and tight winding possible

UVGEL TECHNOLOGY

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 **	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

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
API	Colorado API for 3rd party vendors

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

Canon Europe
canon-europe.com
English edition

Canon