

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 and mixed matte/gloss printing in one print, 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

PRINTING

Printing method	UVgel piezoelectric inkjet
Printing modes gloss	111 m ² /hr - Max speed 78 m ² /hr - High speed 55 m ² /hr - Speed 39 m ² /hr - Production 29 m ² /hr - High quality 19 m ² /hr - Specialty
Printing modes matte **	36 m ² /hr - High Speed 27 m ² /hr - Speed 22 m ² /hr - Production 18 m ² /hr - Quality 18 m ² /hr - Backlit 13 m ² /hr - Specialty 10 m ² /hr - Backlit Density
Printing mode mixed matte/gloss **	7 m ² /hr - FLXfinish*
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 system	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-sldO
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

Consumption

0 W - Off
250 W - Standby
1.6 kW - Ready
2.3 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

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

** optional module

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