

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 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

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 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

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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