

COLORADO XL-SERIES PRINTERS



Colorado XL7R

UVGEL 11-FOOT GRAPHICS PRODUCTION PRINTERS

ALL IN! ONE PRINTER.

Faster Flexibles, Reliable Rigid

The **Colorado XL-series** 11-foot UVgel printers are designed to provide amazing roll-to-roll and rigid large-format printing by supporting stunning results on a wide range of flexible and rigid media.

Big, Fast, Wide—The UVgel Ink Advantage

Powered by Canon's exclusive **UVgel ink technology**, the Colorado XL-series printers offer outstanding speed, color vibrancy, and media versatility. The UVgel 860 ink formulation extends the benefits of UVgel technology to rigid media, enabling printing on both flexible and rigid substrates using a single ink set. Additionally, the optional UVgel 860 white ink builds on the proven performance of UVgel 460 white ink, designed to help minimize some of the common challenges that can be associated with white ink printing.

A Modular Hybrid Machine to Help Maximize Output

Choose your initial configuration; roll-to-roll or hybrid, with optional white ink, with the assurance that you can field-upgrade any options you don't select initially. The Colorado XL-series can grow with your business, helping you maximize your printer investment.

Applications Designed for Growth

Give your customers more creative freedom with the ability to print on a wide range of roll-to-roll and rigid media. From bold graphics to business signage, the XL-series helps deliver excellent results with precision and speed—all from a single device.

Key Benefits of the Colorado XL-series



UVgel 860 Ink: The ink delivers instantly dry, durable prints with a large color gamut and consistent color results. The inks are designed to help lower operating costs through reduced ink usage, while offering both matte or gloss finishes.



UVgel 850 Printheads: The next-generation of Canon dual channel printheads make it possible to print in four colors at high speeds using only two printheads, with an optional third printhead for UVgel white ink.



TRIdrive Vacuum Belt System: The Colorado's unique media transport system uses a unique third roller that not only help maintain tension but can change its pitch to help keep the belt running straight. This helps to limit side-to-side mis-registration over long runs and costly rework.



Dynamic Motion Control (DMC): DMC captures a snapshot of the media surface and dynamically moves the printhead positions in multiple directions to correct any deviations in media movement while printing. Combined with the TRIdrive system, DMC helps to reduce banding and achieve excellent image quality results at high print speeds.



Full-Beam Curing: Patented Full-Beam Curing technology, with its mirror-based system, helps to precisely calibrate and customize the UV curing for specific applications. It also provides curing of up to five layers of ink in a single pass across the full width of the media.



XL7R



XL7H

Configuration	XL7R	XL7H
PRINTING		
Printing method	UVgel piezoelectric inkjet	
Printing modes: gloss in ft²/hour	●	
Gloss Express	2,271	
Gloss Speed	1,518	
Gloss Production	1,141	
Gloss Quality	753	
Gloss Specialty	570	
Printing modes: matte in ft²/hour	○	
Matte Speed	1,518	
Matte Production	1,141	
Matte Quality	753	
Matte Specialty	570	
Backlit	570	
Backlit Density	323	
Printing modes: spot white 1 layer in ft²/hour	○	
Spot White Speed	1,518	
Spot White Production	1,141	
Spot White Quality	753	
Spot White Specialty	570	
Printing modes: White underflood/overflow 2 layer in ft²/hour	○	
White Underflood Speed	764	
White Underflood Production	570	
White Underflood Quality	377	
White Underflood Specialty	291	
White Overflow Speed	764	
White Overflow Production	570	
White Overflow Quality	377	
White Overflow Specialty	291	
Printing modes: white 3 layer in ft²/hour	○	
White 3 Layers High Quality	248	

Configuration	XL7R	XL7H
White 3 Layers Specialty	194	
Printing modes: white 5 layer in ft²/hour	○	
White 5 Layers Quality	151	
White 5 Layers Specialty	118	
UVGEL TECHNOLOGY	●	
Ink system		
UVgel Type	Canon UVgel 860	
UVgel Color CMYK	●	
UVgel White	○	
UVgel packaging		
UVgel 860 Box 2 Liter	●	
UVgel Reservoir Per Color	7-liter	
Refill While Printing	●	
UVgel technology - instant pinning and dot gain control	●	
Same UVgel suitable for roll-to-roll and rigid applications	●	
Low temperature curing - suitable for thin and heat-sensitive media	●	
Outstanding scratch resistance	●	
Easy lamination, smooth ink film	●	
High precision color-matching and consistency	●	
Instant dry printout	●	
FLXture, requires optional UVgel white ink kit Textured printing with layered UVgel ink	○	
PRINthead TECHNOLOGY		
Canon UVgel 850 Printheads CMYK	2	
Canon UVgel 850 Printheads CMYKW	3	
Nozzles per printhead	4,544	

Configuration	XL7R	XL7H
High Frequency Drop-on-demand Piezo-electric Printhead		•
Dynamic Motion Control Compensates for media alignment variances		•
PAINT Piezo Acoustic Integrated		•
Automatic Maintenance		•
UV CURING TECHNOLOGY	UV LED	
Full Beam Curing Uniform and fast UV LED Curing in one go with full width curing technology including a smart mirror system for optimized multilayer curing		•
MEDIA TRANSPORT		
TRIdrive Vacuum Belt System	Unattended roll-to-roll operation	Controlled rigid transport and unattended roll-to-roll operation
Rigid Tables The optional input and output rigid tables are optimized for ergonomic rigid feeding	-	•
Input and output rigid tables, can be extended to the following sizes:	-	30 in. and 60 in.
MEDIA		
Media Input Machine vision technology to capture media location and size		•
Roll Media		
Roll Width	Up to 11ft.	
Roll Weight	Up to 396 lbs (180 kg)	
Roll Diameter	Up to 11.8 in.	
Media Thickness	Up to 0.08 in.	
Manual and semi-automatic media loading. Automatic alignment, automatic take up assistant		•
Media take-up system		•
Number of input rolls	1	
Rigid Media	-	•
Minimum Media Width	-	11.7 in.
Maximum Media Width	-	113.9 in.
Maximum Media Weight	-	198 lbs (90 kg)
Media Thickness	-	2 in.

Configuration	XL7R	XL7H
CERTIFICATIONS		
Application Certifications		
Indoor AgBB, M1, A+		•
EN15102, Type II ASTM F793		•
Émissions dans l'air intérieur		•
INTERFACE		
Network connection	Ethernet (100/1,000 Mbit/s)	
DIMENSIONS AND WEIGHT		
Printer W x D x H	239.76 in. x 57.09 in. x 66.93 in.	
Minimal Operational footprint XL7R W x D x H	318.90 in. x 196.85 in. x 66.93 in.	
Minimal Operational footprint XL7H W x D x H	318.90 in. x 295.28 in. x 66.93 in.	
Weight Printer (approximately)	4,409 lbs	
WORKING ENVIRONMENT		
Temperature	64 - 86 °F	
Humidity	20% - 80%	
Air Pressure	87 - 116 psi (6 - 8 Bar), minimal 3.5 ft ³ /hr (0.1 m ³ /hr)	
Power		
Standby	1.6 kW	
Printing	10.8 kW	
Consumption	3 phase 208V line to line voltage, 60 amps. 5 wire - 3 hot lines, 1 Neutral and 1 Ground	
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, EN300-331 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	

Configuration	XL7R	XL7H
EMC		
Environmental	WEEE, RoHS directive 2011/65/ EU, REACH, CE	
Embedded software / firmware		
Colorado XL User Interface	•	
Colorado XL User Interface Remote	•	
SOFTWARE		
PRISMAservice	•	
Factory Supported RIPs	ONYX Graphics, Caldera ¹	
WARRANTY Program²		
Manufacturer's Warranty	•	
Printer Parts: 2 years	•	
Labor: 1 year	•	
UVgel 850 Printhead: 2 years or 538,195 ft ² —whichever comes first ³	•	

● Standard ○ Optional - Not available

Availability

The Colorado XL is currently set to be available in select countries beginning Q1 2026 through Canon's direct sales organizations and accredited partners. Global availability is currently expected in Q3 2026.

¹ Available with R1.1.

² Term and Conditions apply.

³ Repair or replacement of an item does not extend the warranty period of the item repaired or replaced.

READY TO SCALE UP?

The Colorado XL-series is designed for bigger jobs, bolder graphics, and broader media types—all with the speed, reliability, and confidence you expect from Canon and UVgel technology.



usa.canon.com/largeformat