



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 | 377 | |
| Backlit Density | 248 | |
| 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 | |

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|---|-----------------------------------|--|
| 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 367 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 | - | 131.9 in. |
| Maximum Media Weight | - | 198 lbs (90 kg) |
| Media Thickness | - | 2 in. |

| Configuration | XL7R | XL7H |
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| 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 | 240 in. x 57 in. x 68 in. | |
| Minimal Operational footprint XL7R W x D | 319 in. x 197 in. | |
| Minimal Operational footprint XL7H W x D | 319 in. x 295 in. | |
| Weight Printer (approximately) | 4,400 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