



# **COLORADO XL-SERIES**

Meet the Colorado XL-series. It's a 3.4m graphics production printer for fast flexibles and reliable rigids. It handles everything from unattended printing of posters, banners and soft signage to high-speed production of displays, packaging, interior décor and more.

The Colorado XL-series is based on our unique UVgel technology, introduced to the market in 2017 with the launch of the 1.6m Colorado roll-to-roll printer. UVgel produces robust, lightfast, scratch-resistant prints with a spectacular colour gamut. Today, thousands of large-format graphics print service providers and print factories around the world benefit from the image quality and creative effects that are only possible by jetting UVgel.

# The Colorado XL-series: wider<sup>1</sup>, faster<sup>1</sup> and ready for rigids<sup>1</sup>

The Colorado XL-series brings you all the advantages of UVgel technology, now even wider and faster, with one gel set for both rigid and roll-to-roll printing up to a comfortable 3.4 metres.

#### With the FLXfinish\* option

Produce eye-catching applications with the option to print matte, gloss or a combination<sup>2</sup> of both within a single print without the need for varnish.

### With the UVgel White option

Effortlessly overcome the common challenges associated with white ink. Print white like any other colour, even for multilayer modes, and use considerably less gel.

# With the FLXture option

Add subtle surface detail to your prints to create a luxurious feel.

### A modular design to choose what you use

The Colorado XL-series is available in a roll-to-roll, hybrid and dual-roll version with varying media handling options.

# A future-proof concept

Choose the configuration that fits your current business needs and upgrade your printer later when your business demands are growing.

# A design to support your sustainability efforts

Thanks to UVgel, you can produce with low-temperature curing, low gel consumption, odourless operation and smart automation that promotes first-time-right printing to help minimise waste.

# A smart investment

The Colorado XL-series is designed to bring outstanding Total Cost of Ownership and Return on Investment to your large-format graphics business.







# **Colorado XL-series**

Technical specifications **Metric** 





XL7 roll-to-roll

# XL7 hybrid

# Printing

	107 1 1 1 1 1 1 1 1 1	
Printing method	UVgel piezoelectric inkjet	UVgel piezoelectric inkjet
PRINTING MODES: GLOSS	•	•
Gloss Express	211 m²/hour	211 m²/hour
Gloss Speed	141 m²/hour	141 m²/hour
Gloss Production	106 m²/hour	106 m²/hour
Gloss Quality	70 m²/hour	70 m²/hour
Gloss Specialty	53 m²/hour	53 m²/hour
PRINTING MODES: MATTE	0	0
Matte Speed	141 m²/hour	141 m²/hour
Matte Production	106 m²/hour	106 m²/hour
Matte Quality	70 m²/hour	70 m²/hour
Matte Specialty	53 m²/hour	53 m²/hour
Backlit	53 m²/hour	53 m²/hour
Backlit Density	30 m²/hour	30 m²/hour
PRINTING MODES: MIXED MATTE/GLOSS	0	0
FLXfinish <sup>+</sup> Quality <sup>1</sup>	26 m²/hour	26 m²/hour
FLXfinish+ Specialty <sup>1</sup>	21 m²/hour	21 m²/hour
PRINTING MODES: SPOT WHITE 1 LAYER	0	0
Spot White Speed	141 m²/hour	141 m²/hour
Spot White Production	106 m²/hour	106 m²/hour
Spot White Quality	70 m²/hour	70 m²/hour
Spot White Specialty	53 m²/hour	53 m²/hour
PRINTING MODES: 2 LAYERS	0	0
White Underflood Speed	70 m²/hour	70 m²/hour
White Underflood Production	53 m²/hour	53 m²/hour
White Underflood Quality	35 m²/hour	35 m²/hour
White Underflood Specialty	27 m²/hour	27 m²/hour
White Overflood Speed	70 m²/hour	70 m²/hour
White Overflood Production	53 m²/hour	53 m²/hour
White Overflood Quality	35 m²/hour	35 m²/hour
White Overflood Specialty	27 m²/hour	27 m²/hour
PRINTING MODES: WHITE 3 LAYERS	0	0
	23 m²/hour	23 m²/hour
White 3 Layers High Quality	, , , ,	
White 3 Layers Specialty PRINTING MODES: WHITE 5 LAYERS	18 m²/hour	18 m²/hour
	0	0
White 5 Layers Quality	14 m²/hour	14 m²/hour
White 5 Layers Specialty	11 m²/hour	11 m²/hour
INK SYSTEM		
UVgel type	UVgel 860	UVgel 860
UVgel colour CMYK	•	•
UVgel White	0	0
UVGEL PACKAGING	_	_
UVgel 860 box 2 litre	•	•
UVgel reservoir per colour	7 litre	7 litre
Refill while printing	•	•
Printhead technology		
UVgel 850 printheads CMYK	2	2
UVgel 850 printheads CMYKW	3	3
Maximum print resolution	1,800 dpi	1,800 dpi
Nozzles per printhead	4,544	4,544
High frequency drop-on-demand piezoeletric printhead	•	•
UVGEL DYNAMIC MOTION CONTROL Compensates for media alignment variances	•	•
PAINT	_	_
Piezo Acoustic Integrated Nozzle Technology	•	•
Automatic maintenance	•	•





# XI 7 roll-to-roll

# XL7 hybrid

	XL7 roll-to-roll	XL7 hybrid
Curing technology	UV LED	UV LED
UVGEL FULLBEAM CURING Uniform and fast UV LED curing in one go with full width curing technology including a smart mirror system for optimised multilayer curing	•	•
<b>PIN CURING</b> The system has 2 UV LED pin cure lamps attached to the printhead carriage for velvetty matte effect and mixed matte/gloss FLXfinish* effect <sup>1</sup>	•	•
Media		
MEDIA TRANSPORT		
UVGEL TRIDRIVE UVgel 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 optimised for ergonomic rigid feeding	-	•
Input and output rigid tables, can be extended to the following sizes	-	750 mm and 1,500 mm
<b>MEDIA INPUT</b> Machine vision technology to capture media location and size	•	•
EDGEFORWARD	Easy media roll loading, starts the job directly from the media's edge, without the need to attach the roll to the take-up roller first	Easy roll and rigid media loading, starts the job directly from the roll or rigid media's edge, without the need to attach the roll to the take-up roller first
ROLL MEDIA	•	•
Maximum roll width	3,400 mm	3,400 mm
Maximum roll weight	180 kg	180 kg
Maximum roll diameter	300 mm	300 mm
Double-sided printing	•	•
Manual and semi-automatic media loading Automatic alignment, automatic take up assistant	•	•
Media take-up system	•	•
Number of input rolls	1	1
Dual Roll <sup>1</sup> , 2 rolls side by side, individually tensioned	0	0
Dual Roll¹ maximum width	2 x 1,625 mm	2 x 1,625 mm
Dual Roll <sup>1</sup> maximum weight	2 x 90 kg	2 x 90 kg
RIGID MEDIA	-	•
Minimum media width	-	297 mm
Maximum media width	-	3,350 mm
Maximum media weight	_	90 kg
Maximum media thickness	-	52 mm
Maximum number of lanes	_	2 lanes <sup>1</sup>
Lane Assist	_	•
		•
Gel technology  UVGEL TECHNOLOGY		
Instant pinning and dotgain control	•	•
UVgel 860 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 colour matching and consistency	•	•
Odourless and instant dry printout	•	•
FLXFINISH* Choose the right finishing option for your applications: velvety matte, vibrant gloss or both combined¹ in one print	0	0
FLXTURE, AVAILABLE WITH WHITE Textured printing with layered UVgel ink	0	0
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# XL7 roll-to-roll

# XL7 hybrid

# Cortifications 8

Manuar	Certifications <sup>8</sup>		
Mortice mode outside plants making outside	MEDIA WARRANTY		
Models extractory  Performance dans last morieur A- Type II ACM TYPE  Connectional Color  Interface  Personnel Market Color  Interface C	3M MCS warranty	•	•
EMBODAMENTAL AND SAFE USE  Type II ACTIVITY 2023  I	Avery Dennison ICS Performance Guarantee	•	•
Publish Prist   Pris	Mactac media warranty	•	•
Process   Pro	ENVIRONMENTAL AND SAFE USE		
Therefore	EN15102, M1, Émissions dans l'air intérieur A+	•	•
Interface	Type II ASTM F793	•	•
Dimension and weight	GreenGuard Gold	•	•
Dimensions and weight	Interface		
	Network connection	Ethernet (100/1,000 Mbit/s)	Ethernet (100/1,000 Mbit/s)
	Dimensions and weight		
	Printer W x D x H	6,090 mm x 1,450 mm x 1,700 mm	6,090 mm x 1,450 mm x 1,700 mm
	Minimal operational footprint XL7 W x D	8,100 mm x 5,000 mm	8,100 mm x 7,500 mm
Notice   Part		2,000 kg	2,000 kg
Temperature   18:30 °C   18:30			, 5
Number   N		18 -30 °C	18 -30 °C
Actionapheric pressure   850-0,050 mbar   850-0,050 mba	Humidity		
Power			
Peak   16 kW   16 kW   10 k			,,
Peak   10.8 kW		16 kW	16 kW
Input voltage  3 phase with neutral (A) or without neutral (A) 270/3869/ 270			
19,000 colors   220/860V   220/860V   250/60 Hz   50/60 Hz   50/			
Source Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU Directive (RED) - 2014/53/EU Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/53/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/54/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2014/54/EU (REMS) Printer is declared under Radio Equipment Directive (RED) - 2006/42/EC	Input voltage		
Directive (RED) - 2014/53/EU	Frequency	50/60 Hz	50/60 Hz
Regulatory certifications*  Declaration of conformity  Declaration of Declaration of Conformity  Declaration of Declaration	Source		
Declaration of conformity   2006/42/EC (Machinery), 2014/30/EU (EMC), 2016/52/EU (RoHC), 2016/52/EU (RoHC	Dagulatawy cautifications	Directive (RED) - 2014/53/EU	Directive (RED) - 2014/53/EU
Safety   Decidation of Controlling   Decidation of Contr	Regulatory Certifications	2006//2/EC (Machinery) 201//30/ELL/EMC)	2006//2/EC (Machinery) 201//30/ELL(EMC)
Safety Bachinery Directive (MD) - 2006/4/2FC ULT75 and CSA 222 no 68 Compliant with ENSSOII (Class A), FCC Part 15, ENGIODO-6-2, ENGIODO-6-4  EMUC  Environmental WEEE, ROHS directive 2011/65/EU, REACH, CE WEEE, ROHS directive 2011/65/EU, R	Declaration of conformity		
EMC Environmental WEEE, RoHS directive 2011/65/EU, REACH, CE WEEE, RoHS directive 2011/65/EU, REACH, CE  EMBEDDED SOFTWARE/FIRMWARE Colorado XL user interface Colorado XL user interface remote  Software  PRISMA SUITE  PRISMA Quide XL  O  O  PRISMA SERVICE Factory supported RIPS  Supported RIPS  API  PrintFactory, Sal, Fiery, ColorCATE, ErgoSoft, Shiraz, ACFA Asanti API  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  New York Sprints  Prints Coverage (3, 4 or 5 years)  O  SERVICE PROGRAMME  ProcARACE (3, 4 or 5 years)  O  WEEE, ROHS directive 2011/65/EU, REACH, CE   WEEE, ROHS directive 2011/65/EU, REACH, CE   WEEE, ROHS directive 2011/65/EU, REACH, CE    WEEE, ROHS directive 2011/65/EU, REACH, CE     WEEE, ROHS directive 2011/65/EU, REACH, CE      ### Colorado XL user interface  O  O  O  O  O  SERVICE PROGRAMME  ProCARACE (3, 4 or 5 years)  O  O  O  O  O  SERVICE PROGRAMME  PTO ACRES (3, 4 or 5 years)  O  O  O  O  O  O  O  O  O  O  O  O  O	Safety	Machinery Directive (MD) - 2006/42/EC UL775 and CSA 22.2 no 68 Compliant with EN55011 (Class A), FCC Part 15,	Machinery Directive (MD) - 2006/42/EC UL775 and CSA 22.2 no 68 Compliant with EN55011 (Class A), FCC Part 15,
Environmental  WEEE, RoHS directive 2011/65/EU, REACH, CE  PRISMAQUISE	EMC	2110.000 0 2, 2110.000 0 1	2.10.000 0 2, 2.10.000 0 1
EMBEDDED SOFTWARE/FIRMWARE  Colorado XL user interface  Colorado XL user interface emote  Software  PRISMA XL SUITE  PRISMAguide XL  O  O  PRISMAService  Factory supported RIPS  ONYX Graphics, Caldera¹  PrintFactory, SAI, Fiery, ColorGATE, ErgoSoft, Shiraz, AGFA Asanti  API  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  O  O  O  SERVICE PROGRAMME³  ProcARE (3, 4 or 5 years)  O  O  O  O  O  O  O  O  O  O  O  O  O		WEEE ROHS directive 2011/65/EU REACH CE	WEEE ROHS directive 2017/65/ELL REACH CE
Colorado XL user interface  Colorado XL user interface remote  Software  PRISMA XL SUITE  PRISMA QUIDE CONTROLL ON		***ZZZ, *******	11222, No. 16 directive 25 1,469 26, 112 (61 1, 62
Colorado XL user interface remote  Software  PRISMA XL SUITE  PRISMAQUIDE  PRISMASERVICE  Factory supported RIPS  Supported RIPS'  API  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printe: 2 years  Uvgel 850 printhead: 2 years or 50,000 sqm whichever comes first'  EXTENDED WARRANTY  Parts coverage (3, 4 or 5 years)  POSSIBLE API SUPPORT API		•	•
Software  PRISMA XL SUITE  PRISMAguide XL  O O O PRISMAService Factory supported RIPS ONYX Graphics, Caldera' ONYX Graphics,			•
PRISMA XL SUITE  PRISMAguide XL  O  O  PRISMAService Factory supported RIPs ONYX Graphics, Caldera¹ O		-	-
PRISMAguide XL  O  PRISMAservice  Factory supported RIPs  ONYX Graphics, Caldera¹  PrintFactory, SAi, Fiery, ColorGATE, ErgoSoft, Shiraz, AGFA Asanti  API  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  Uvgel 850 printhead: 2 years or 50,000 sqm whichever comes first⁴  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O  SERVICE PROGRAMME⁵  proCARE (3, 4 or 5 years)  O  O  O  O  O  O  O  O  O  O  O  O  O			
PRISMAservice  Factory supported RIPs  ONYX Graphics, Caldera¹ ONYX Graphics, Caldera¹ ONYX Graphics, Caldera¹ ONYX Graphics, Caldera¹ PrintFactory, SAi, Fiery, ColorGATE, ErgoSoft, Shiraz, AGFA Asanti Shiraz, AGFA Asanti Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY Printer: 2 years Uvgel 850 printhead: 2 years or 50,000 sqm whichever comes first⁴  EXTENDED WARRANTY³ Parts coverage (3, 4 or 5 years) O O SERVICE PROGRAMME⁵  proCARE (3, 4 or 5 years) O O O O O O O O O O O O O O O O O O O		0	0
Factory supported RIPs  ONYX Graphics, Caldera¹ ONYX Graphics, Caldera¹ ONYX Graphics, Caldera¹ PrintFactory, SAi, Fiery, ColorGATE, ErgoSoft, Shiraz, AGFA Asanti  API Colorado XL-series API for third party vendors  Colorado XL-series API for third party vendors  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  Uvgel 850 printhead: 2 years or 50,000 sqm whichever comes first⁴  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O  SERVICE PROGRAMME³  ProCARE (3, 4 or 5 years)  O  O  O  O  O  O  O  O  O  O  O  O  O			
PrintFactory, SAi, Fiery, ColorGATE, ErgoSoft, Shiraz, AGFA Asanti  API  Colorado XL-series API for third party vendors  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  Uvgel 850 printhead: 2 years or 50,000 sqm whichever comes first⁴  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O  SERVICE PROGRAMME⁵  proCARE (3, 4 or 5 years)  O  O		· · · · · · · · · · · · · · · · · · ·	-
Shiraz, AGFA Asanti  API  Colorado XL-series API for third party vendors  Colorado XL-series API for third party vendors  Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  UVgel 850 printhead: 2 years or 50,000 sqm whichever comes first*  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O  Parts and printhead coverage* (3, 4 or 5 years)  Shiraz, AGFA Asanti		•	
Warranty & Service  MANUFACTURER'S WARRANTY  Printer: 2 years  UVgel 850 printhead: 2 years or 50,000 sqm whichever comes first⁴  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O Parts and printhead coverage⁵ (3, 4 or 5 years)  ProCARE (3, 4 or 5 years)  O O O O O O O O O O O O O O O O O O	Supported RIPs <sup>7</sup>		
MANUFACTURER'S WARRANTY  Printer: 2 years  UVgel 850 printhead: 2 years or 50,000 sqm whichever comes first*  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O Parts and printhead coverage <sup>6</sup> (3, 4 or 5 years)  O SERVICE PROGRAMME <sup>5</sup> proCARE (3, 4 or 5 years)  O O O	API	Colorado XL-series API for third party vendors	Colorado XL-series API for third party vendors
Printer: 2 years  UVgel 850 printhead: 2 years or 50,000 sqm whichever comes first*  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O Parts and printhead coverage <sup>6</sup> (3, 4 or 5 years)  SERVICE PROGRAMME⁵  proCARE (3, 4 or 5 years)  O O O O O O O O O O O O O O O O O O	Warranty & Service		
UVgel 850 printhead: 2 years or 50,000 sqm whichever comes first⁴  EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O  Parts and printhead coverage⁶ (3, 4 or 5 years)  SERVICE PROGRAMME⁵  proCARE (3, 4 or 5 years)  O  O  O	MANUFACTURER'S WARRANTY		
EXTENDED WARRANTY³  Parts coverage (3, 4 or 5 years)  O  Parts and printhead coverage³ (3, 4 or 5 years)  O  SERVICE PROGRAMME³  proCARE (3, 4 or 5 years)  O  O	Printer: 2 years	•	•
Parts coverage (3, 4 or 5 years) O O Parts and printhead coverage <sup>6</sup> (3, 4 or 5 years) O SERVICE PROGRAMME <sup>5</sup> proCARE (3, 4 or 5 years) O O O	UVgel 850 printhead: 2 years or 50,000 sqm whichever comes first <sup>4</sup>	•	•
Parts and printhead coverage <sup>6</sup> (3, 4 or 5 years)  SERVICE PROGRAMME <sup>5</sup> proCARE (3, 4 or 5 years)  O  O	EXTENDED WARRANTY <sup>3</sup>		
SERVICE PROGRAMME <sup>5</sup> proCARE (3, 4 or 5 years) O O	Parts coverage (3, 4 or 5 years)	0	0
proCARE (3, 4 or 5 years) O	Parts and printhead coverage <sup>6</sup> (3, 4 or 5 years)	0	0
	SERVICE PROGRAMME <sup>5</sup>		
CAPITAL CONTRACTOR OF THE CAPITAL CONTRACTOR	proCARE (3, 4 or 5 years)	0	0
	proCARE+ (3, 4 or 5 years) <sup>6</sup>	0	0

Available from R1.1
 In case media edge guards are used, the print margin is 10 mm
 Please be aware that there might be regional distinctions in
 Warranty programmes, Terms and Conditions applicable
 Repair or replacement of an item does not extend the warranty period of the item repaired or replaced

Please be aware that there might be regional distinctions in the Service programmes
 proCARE\* including printheads
 Toepending on third party support
 In process of certification

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