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Colorado 1650

Printing

Printing method UVgel piezoelectric inkjet

Gloss printing modes Max speed: 1,709 ft.²/hr. (159 m²/hr.)
High speed: 1,229 ft.² /hr. (114 m²/hr.)
Speed: 861 ft.² /hr. (80 m²/hr.)
Production: 610 ft.²/hr. (57 m²/hr.)
High quality: 427 ft.²/hr. (40 m²/hr.)
Superior: 290 ft.²/hr. (27 m²/hr.)
Specialty: 222 ft.²/hr. (21 m²/hr.)

Matte printing modes High speed: 495 ft.²/hr. (46 m²/hr.)
Speed: 409 ft.²/hr. (38 m²/hr.)
Production: 333 ft.²/hr. (31 m²/hr.)
Quality: 290 ft.²/hr. (27 m²/hr.)
Specialty: 215 ft.²/hr. (20 m²/hr.)
Backlit: 215 ft.²/hr. (20 m²/hr.)
Backlit density: 107 ft.²/hr. (10 m²/hr.)

Print resolution Up to 1,800 dpi

Ink types	UVgel 460 ink, CMYK (1-litre bottles)
Ink colour	CMYK
Ink packaging	2 x 1-litre ink bottle Ink reservoir can accommodate up to 2.5 litres per ink colour
Printheads	UVgel 415 printheads (two per colour)
Automatic maintenance	PAINT constantly monitors and compensates for nozzle failures that can occur during printing Automatic maintenance performed in seconds, daily Refill ink while printing
Curing	UV LED with FLXfinish, instant dry, low temperature

Media

Roll width	Up to 64" (1,625 mm)
Print margin	0.21" (5.3 mm)* *Margin 0.43" when Media Step Control is enabled (recommended for print modes up to 430 ft. ² /hr. for optimized output quality)
Roll weight	Up to 110 lb. (50 kg)
Roll diameter	Up to 8.7" (220 mm)
Media thickness	Up to 0.03" (0.8 mm)
Number of input rolls	2 rolls in PSO mode / 1 roll in PSI mode Automatic roll feeding and switching
Input roll feeding	Compatible with rolls that are PSO or PSI Double-sided printing, leading edge support for flexible media

Technologies

UVgel technology Instant pinning and dot gain control
Low-temperature curing, suitable for thin and heat-sensitive media
High-precision colour matching and consistency
Instantly dry

FLXfinish technology Gives you the choice between gloss or matte output on both smooth and structured media
Enables you to print on porous and uncoated materials

Size and Weight

Printer dimensions (W x D x H) 119" x 43" x 52" (3,022 x 1,093 x 1,300 mm)

Printer weight 1,631 lb. (740 kg)

Software

Supported RIPs ONYX® Thrive™, Caldera, and API for third-party RIP vendors
