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## Colorado 1650

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### Printing

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#### Printing method

UVgel piezoelectric inkjet

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#### Gloss printing modes

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

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#### Matte printing modes

High speed: 495 ft.<sup>2</sup>/hr. (46 m<sup>2</sup>/hr.)  
Speed: 409 ft.<sup>2</sup>/hr. (38 m<sup>2</sup>/hr.)  
Production: 333 ft.<sup>2</sup>/hr. (31 m<sup>2</sup>/hr.)  
Quality: 290 ft.<sup>2</sup>/hr. (27 m<sup>2</sup>/hr.)  
Specialty: 215 ft.<sup>2</sup>/hr. (20 m<sup>2</sup>/hr.)  
Backlit: 215 ft.<sup>2</sup>/hr. (20 m<sup>2</sup>/hr.)  
Backlit density: 107 ft.<sup>2</sup>/hr. (10 m<sup>2</sup>/hr.)

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#### Print resolution

Up to 1,800 dpi

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## Ink types

UVgel 460 ink, CMYK (1-litre bottles)

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## Ink colour

CMYK

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## Ink packaging

2 x 1-litre ink bottle  
Ink reservoir can accommodate up to 2.5 litres per ink colour

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## Printheads

UVgel 415 printheads (two per colour)

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## 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

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## Curing

UV LED with FLXfinish, instant dry, low temperature

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## Media

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## Roll width

Up to 64" (1,625 mm)

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## Print margin

0.21" (5.3 mm)\*  
\*Margin 0.43" when Media Step Control is enabled (recommended for print modes up to 430 ft.<sup>2</sup>/hr. for optimized output quality)

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## Roll weight

Up to 110 lb. (50 kg)

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## Roll diameter

Up to 8.7" (220 mm)

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## Media thickness

Up to 0.03" (0.8 mm)

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## Number of input rolls

2 rolls in PSO mode / 1 roll in PSI mode  
Automatic roll feeding and switching

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## Input roll

Compatible with rolls that are PSO or PSI

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# Media feeding

Double-sided printing, leading edge support for flexible media

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## Technologies

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### 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

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### 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

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## Size and Weight

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

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**Printer weight** 1,631 lb. (740 kg)

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## Software

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

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