



Printer Specifications

Radical 12-printhead design and ultra-wide gamut Automation Eye technology deliver a new age of performance in wide-format printing. Variable mode settings called Gamut+ Variable Mode Printing™ offer ultimate flexibility of Speed, Color and Productivity.



PRINT TECHNOLOGY

12-color thermal inkjet

ARCHITECTURE

Roll-fed reciprocating head

RESOLUTION

High Speed Mode: 600-dpi

Production Mode: 600-dpi

Gamut+ Mode: 600-dpi

HiRes Mode: Up to Apparent 1200-dpi

Film Quality Mode: Up to Apparent 1800-dpi

PRINT SPEED

High Speed Mode: 240 sq.ft./hr.

Production Mode (3-pass): 180 sq.ft./hr.

Production Mode (6-pass): 120 sq.ft./hr.

Gamut+ Mode: 120 sq.ft./hr.

HiRes Mode (4-pass): 120 sq.ft./hr.

HiRes Mode (6-pass): 80 sq.ft./hr.

HiRes Mode (8-pass): 60 sq.ft./hr.

Film Quality Mode: 60 sq.ft./hr.

(Print speeds may vary in high humidity conditions with some media/ink combinations)

INK DELIVERY SYSTEM

Big Ink® Delivery System standard

INK CAPACITY

6 liters (Twelve 500 ml Big Ink packs)

COLORMARK® BIG INK OPTIONS

Endura•Chrome™ LightFast™ Dye Ink

Perma•Chrome™ Pigmented Ink

Twelve (12) disposable 600-dpi printheads can be configured as follows:

- 3 sets of CMYK (3 x 4-Color)
- 2 sets of 6 colors (2 x 6-Color)
 - CMYK, plus Med. Cyan and Med. Magenta (HiRes Mode)
 - CMYK, plus Orange and Green (Gamut+ Mode, HiFi Set)
 - CMYK, plus Red and Blue (Gamut+ Mode, R&B Set)
 - CMYK, plus Orange and Blue (Gamut+ Mode, Advantage Set)
- 1 set of up to 12 unique colors (1 x 12-Color)
- Other configurations are user definable.

PAPER HANDLING

Roll-fed with auto width detection, Integrated Heated Dryer, Motorized Take-Up Spool and manual cutter.

MAXIMUM PRINT WIDTH

DisplayMaker Series XII/ 72: 71.5" (1.82m)

DisplayMaker Series XII/ 62: 61.5" (1.56m)

DisplayMaker Series XII/ 52: 51.5" (1.31m)

MAXIMUM PRINT LENGTH

Print length limited by media roll length and/or software application.

ELECTRICAL REQUIREMENTS

Auto-sensing, auto switching voltage.

100-120 VAC, 50-60 Hz

200-240 VAC, 50-60 Hz

Requires two electrical connections.

OPERATING CONDITIONS

60° to 90° F (16° to 32° C)

10% to 80% RH, non-condensing

40% to 60% RH, optimum

Humidity Compensation: Humidity sensor monitors relative humidity and adjusts print speed as necessary to ensure adequate drying as required by the ink and media selected.

STORAGE CONDITIONS

0° to 120° F (-17° to 49° C)

10% to 80% RH, non-condensing

AGENCY APPROVALS

Safety: UL, c-UL and TUV

Emissions: FCC-A, CE and VCCI-1

DEPOT WARRANTY

One year parts and labor.

SERVICE AND SUPPORT

Telephone and World Wide Web technical support included; on-site maintenance available.

COLORMARK MEDIA SUPPORT

A variety of paper, film, backlit and signage media available in 24", 36", 50", 60", 62" and 72" widths.

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