



# DisplayMaker

HiRes 8-Color Printer Series

## Printer Specifications

The DisplayMaker HiRes 8-Color Series from ColorSpan sets new standards of excellence in wide format printing with breakthrough technology such as 8-printhead design, the automation eye, and [Gamut+ spot color](#).



### DisplayMaker 100 Series—Accepts your RIP choice

- Includes: 6100, 7100.
- Compatible with [3rd-party RIP](#) manufacturers, as authorized by ColorSpan.
- Ideal for users having specific RIP preference or who may already own a RIP.

### DisplayMaker 200 Series—Embedded PostScript® RIP

- Includes: 4200, 6200, 7200.
- Eliminates the need for additional RIP hardware.
- Allows print task control from desktop through Web browser interface.
- Equipped with 4 GB hard drive, 266 MHz processor, 64 MB of RAM and 10/100baseT network connectivity.

## Features

### Eight Printhead Technology:

- Uses HiRes 8-Color multi-density inks for apparent 1200-dpi images, 300-dpi text and line art.
- Also features [Gamut+](#) with 6 process colors: CMYK plus medium cyan and medium magenta; plus any 2 HiBrite Spot Color Inks for an apparent 800-dpi images, 300-dpi text and line art.
- Creates wide color gamut, vibrant tones and smooth gradations.
- Offers versatile print modes including [Gamut+](#) spot color, HiRes 8-Color, High Speed, and AutoInk™ Switching.

### Quality Features:

- Automation Eye, a built-in CCD camera examines output and assures consistent quality without user intervention.
  - AutoSet™ Calibration—Measures alignment for all 8 ink cartridges and automatically adjusts with digital accuracy, ensuring precise dot placement.
  - AutoJet™ Mapping—Reports jet performance and automatically compensates for any missing, deflected or misfiring jets.
  - AutoTune™—Activates AutoSet Calibration and AutoJet Mapping functions during print cycle at user-defined intervals to ensure consistent high-quality output while running unattended.
- AccuType™—Patent-pending technology that eliminates typical inkjet overspray while sharpening text and line definition.

### Productivity Features:

- AutoInk™ Switching—Switches between four CMYK cartridges of dye ink and four cartridges of pigmented ink.
- Integrated Print Dryer—Unique design dries output quickly and efficiently, avoiding dust kick-up.
- Motorized Take-Up Spool—Automatically rolls up dried prints for safe, easy handling.
- Humidity Sensor—Senses humidity conditions and adjusts print speed and drying time.
- [The Big Ink® Delivery System](#)—Avoids timely ink changes with self-contained, virtually mess-free system.

## Specifications

- **Print Technologies**—8-color aqueous drop-on demand inkjet.
- **Architecture**—Reciprocating head.
- **Resolution**—High-Quality 8-Color Mode: Apparent 1200-dpi for images; 300-dpi for text and line art. [Gamut+](#) Mode: Appa 800-dpi for images; 300-dpi for text and line art. High-Speed and AutoInk Modes: 300-dpi for images; 300-dpi for text and art.
- **Ink System**—Patented Big Ink Delivery System, 500 ml. process, 200 ml. spot colors.
- **Paper Handling**—Roll-fed with auto width detection, motorized take-up spool, and manual cutter.
- **Maximum Print Width**—
  - DisplayMaker 4200: 41.5" (1.05m)
  - DisplayMaker 6100, 6200: 61.5" (1.56m)
  - DisplayMaker 7100, 7200: 71.5" (1.82m)
- **Maximum Print Length**—Actual print size may be limited by media roll length and/or software application.
- **Electrical Requirements**—
  - 200-240 VAC; 1.5 amps maximum, 50-60 Hz
  - 100-120 VAC; 3.0 amps maximum, 50-60 Hz
- **Operation Conditions**—60° to 90° F (16° to 32° C), 10% to 80% RH, non-condensing.
- **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.
- **Warranty**—One year parts and depot labor.
- **Service and Support**—Telephone technical support; on-site maintenance available.
- **ColorMark Media Support**—A variety of photobase, backlit, film, vinyl and banner roll media available.
- **Print Server Options**—Choose from ColorSpan's [RIPStation](#) or [ColorMark Pro 3000](#) print servers, or [3rd-party RIP options](#)

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