

# DISPLAYMAKER® SERIES

Available in 42", 52" and 62" widths

Big Color® printing just got bigger, better, faster and more versatile than ever before! The DisplayMaker® HiRes 8-Color Series takes output quality and productivity to a higher level with continuous-tone quality, unprecedented print speeds, and enhanced features for the ultimate in unattended use.

Available in 42-, 52- and 62-inch widths, there's a roll-fed DisplayMaker for every printing need. Combined with powerful 200 MHz file processing and our outstanding ColorMark® color management system, DisplayMaker printers deliver high-impact Big Color at an affordable price. A variety of ink and media combinations let you produce stunning output for indoor or outdoor signs, banners, murals, displays and more.

## 1200-dpi continuous-tone 8-COLOR QUALITY

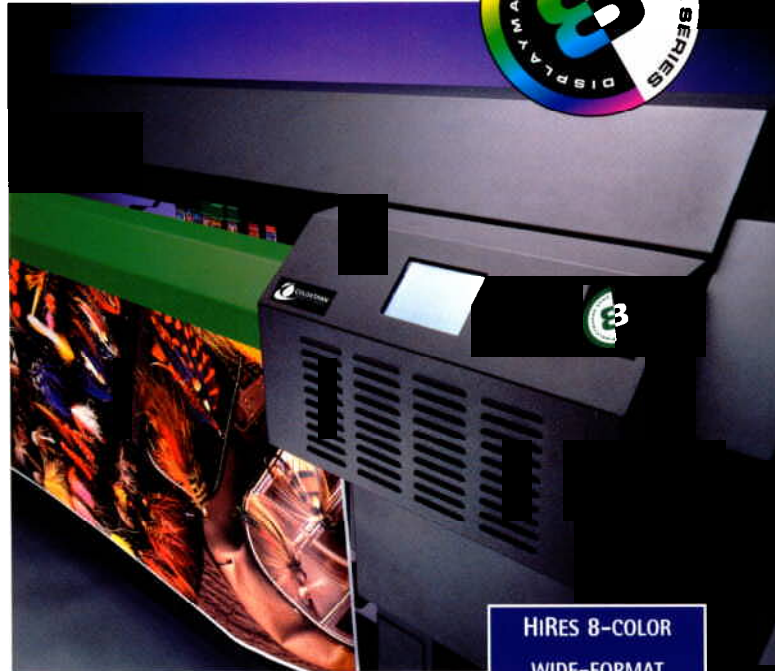
The DisplayMaker Series uses a revolutionary 8-print-head design to produce continuous-tone quality at an apparent 1200-dpi. In addition to the standard CMYK inks, DisplayMaker adds light and medium-density formulas of magenta and cyan inks. The result is far superior quality to 4-color output with more vibrant colors, subtler gradations and a color gamut that can match over 85% of industry-standard spot colors.

## dye-based or pigmented ink PRINTING OPTIONS

DisplayMaker offers different ink formulas and a variety of print modes to meet your needs. High-quality, 8-color mode using dye-based ink provides maximum color vibrancy, pigmented inks provide durable, UV-stable prints and high-speed CMYK mode using either dye-based or pigmented ink provides twice the speed.

## unattended printing features MAXIMUM PRODUCTIVITY

The DisplayMaker brings a whole new meaning to the concept of unattended printing. Its integrated dryer, humidity sensor and motorized take-up spool ensure proper drying and handling of the finished prints. Plus, a built-in color camera provides automation of many printing functions that are critical for quality and consistency.



HIRES 8-COLOR  
WIDE-FORMAT  
COLOR PRINTERS

All of these features combined minimize user intervention and ensure successful printing—even unattended: **AutoSet™ Calibration** makes cartridge changes a snap by automatically aligning all eight ink cartridges.

**AutoJet™ Mapping** analyzes the performance of individual cartridge jets and automatically compensates for any missing, deflected or misfiring jets. The result is perfect, band-free prints.

**AutoTune™** allows the user to activate the AutoJet feature after a certain number of prints or at specified times providing worry-free, unattended print runs.

**AutoInk™** is a unique feature that lets you have dye-based and pigmented inks loaded simultaneously. It automatically switches between the two modes as designated by the print queue, so you can produce long runs of both indoor or outdoor prints without any manual intervention.

Continuous-tone images, super-fast print speeds, unattended printing features—the DisplayMaker HiRes 8-Color Series is Big Color printing at its best!

# DisplayMaker Series SPECIFICATIONS



## PRINT TECHNOLOGY

8-color aqueous drop-on-demand inkjet

## ARCHITECTURE

Reciprocating head

## RESOLUTION

### High-Quality Wide Gamut Modes:

Apparent 1200 dpi for images;

300 dpi for text and line art

### High-Speed and AutoInk Modes:

300 dpi for images; 300 dpi for text

## PRINT SPEED

### High-Speed Mode: 142.7 sq. in./minute

(920 sq. cm./minute) max.

### High-Quality Wide Gamut Mode:

71.3 sq. in./minute (460 sq. cm./minute) max.

### AutoInk Print Mode: 64.7 sq. in./minute

(417 sq. cm./minute) max.

(Print speeds may vary with humidity conditions and media/ink combinations)

## INK CAPACITY

Eight 500 ml Big Ink packs

## PRINTING MODES & INK SETS:

### High-Quality Wide Gamut Dye-Based Ink:

1 set of multi-density dye-based inks including cyan, magenta, yellow, black, light cyan, medium cyan, light magenta and medium magenta

### High-Quality Multi-Density Pigmented Ink:

1 set of multi-density pigmented inks including cyan, magenta, yellow, black, light cyan, medium cyan, light magenta and medium magenta

### High-Speed Dye-Based Ink:

2 sets of CMYK dye-based inks

### High-Speed Pigmented Ink:

2 sets of CMYK pigmented inks

### AutoInk:

1 set of CMYK dye-based and 1 set of CMYK pigmented inks loaded simultaneously, selected automatically

## PAPER HANDLING:

Roll-fed with auto width detection and motorized take-up spool and manual cutter

## MAXIMUM PRINT WIDTH

DisplayMaker 4000: 41.5" (1.05m)

DisplayMaker 5000: 51.5" (1.31m)

DisplayMaker 6000: 61.5" (1.56m)

## MAXIMUM PRINT LENGTH

Print length 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

## OPERATING CONDITIONS

60° to 90° F (16° to 32° C)

10% to 80% RH, non-condensing

40% to 60% RH, optimum

## 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;

90 days on-site (US and Canada only)

## SERVICE AND SUPPORT

Telephone technical support; on-site maintenance available

## COLORMARK MEDIA SUPPORT

A variety of paper, film, backlit and signage roll media

(Ask your ColorSpan consumables representative for more details on media availability, applications and roll sizes)

## PRINT SERVER OPTIONS

Choose from ColorSpan's RIPStation or ColorMark Pro print servers. See individual specifications for details.

DisplayMaker HiRes 8-Color Series	SHIPPING				ASSEMBLED			
	WEIGHT	HEIGHT	DEPTH	LENGTH	WEIGHT	HEIGHT	DEPTH	LENGTH
DisplayMaker 4000	186 LBS. 84.4 KG.	32.5 IN. 82.6 CM.	33 IN. 83.8 CM.	92 IN. 233.7 CM.	136 LBS. 61.7 KG.	49.5 IN. 125.7 CM.	86.5 IN. 219.7 CM.	31.5 IN. 80 CM.
Stand	90 LBS. 40.8 KG.	36 IN. 91.4 CM.	34 IN. 86.4 CM.	64 IN. 162.6 CM.				
DisplayMaker 5000	221 LBS. 100.2 KG.	32.5 IN. 82.6 CM.	33 IN. 83.8 CM.	102 IN. 259 CM.	171 LBS. 77.6 KG.	49.5 IN. 125.7 CM.	96.5 IN. 245.1 CM.	31.5 IN. 80 CM.
Stand	100 LBS. 45.4 KG.	36 IN. 91.4 CM.	34 IN. 86.4 CM.	74 IN. 188 CM.				
DisplayMaker 6000	266 LBS. 120.7 KG.	32.5 IN. 82.6 CM.	33 IN. 83.8 CM.	112 IN. 284.5 CM.	216 LBS. 98 KG.	49.5 IN. 125.7 CM.	106.5 IN. 270.5 CM.	31.5 IN. 80 CM.
Stand	110 LBS. 49.9 KG.	36 IN. 91.4 CM.	34 IN. 86.4 CM.	84 IN. 213.4 CM.				



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