

SureColor® P8590D 44-Inch Wide-Format Dual Roll Printer



SureColor P-Series

44" wide, 6-color

Power Up Productivity

Innovative design fits any workflow

unique flattop design with complete front operation, simple automatic roll loading and dual roll/take-up reel integrated

Outstanding image quality with six colors

UltraChrome PRO6 Ink with Gray produces vibrant, rich colorful prints with smooth gradations and neutral black-and-white images that rival comparable 8-color printers

Print on a wide range of media for various photo applications

print on a wide range of media, including photo, fine art, canvas and rigid poster board up to 1.5 mm thick

Seamless, dual-roll productivity

automatically switch between two media types or sizes, or use second roll as a take-up reel for roll-to-roll production

Easy to use and maintain

configurable 4.3" touch screen control panel for simple operation, automated routine maintenance and convenient user self-service for long-term operation

No assembly required

be up and printing in as little as 30 minutes; SuperSpeed USB 3.0, Gigabit Ethernet or Wi-Fi® (2.4 GHz and 5 GHz) options to fit any workflow

Enhanced security features and IT tools

over 28 enhanced security features for office or remote office locations including hardware encryption, IC card option for user control and tracking, and a host of IT management tools

Small footprint

compact design fits into small spaces

Includes Adobe Embedded Print Engine as a standard option

natively process JPG, TIFF, PDF and PostScript files for faster and more reliable printing

Model		SureColor P8590D
PRINT	Printhead	PrecisionCore MicroTFP printhead
	Nozzle Configuration	9600 nozzles (400 nozzles x 24 channels x 1 head)
	Maximum Resolution	2400 x 1200 dpi
	Minimum Ink Droplet Volume	3.5pl
	Print Speed	B0 sizePremium Glossy Photo Paper 170gsm 152 sec (Speed) 281 sec (Quality) 614 sec (Max Quality) Plain Paper 35 sec (Draft) 46 sec (Speed) 258 sec (High Quality)
	Margin (Roll paper)	Top, Bottom : Min. 3mm* Right, Left : Min. 0mm*
	Margin (Cut sheet)	Top : Min. 3mm* Bottom : Min. 12.7mm* Right, Left : Min. 0mm *
INK	Ink Types	Pigment ink
	Ink Brand Name	ULTRACHROME XD3 INK
	Colors	Cyan, Magenta, Yellow, Gray, Photo Black, Matte Black
	Ink Capacity	110ml ~ 350ml, 700ml
MEDIA HANDLING	Paper Path	Roll(Double roll), Cut sheet(manual feed), Poster Board(manual feed)
	Maximum Roll Diameter/Weight	Max. 170 mm / 12.5Kg
	Paper Width (Roll)	254mm to 1,118mm
	Paper Width (Cut sheet)	203mm to 1,118mm
	Paper Thickness	Cut sheet : 0.07mm to 0.8mmPoster board : 0.8mm to 1.5mm
	Maximum Printable Length	91m(#)
	Border less sizes	1118, 1030, 914, 841, 728, 700, 610, 594, 515, 508, 500, 432, 406, 356, 330, 300, 254
CONTROL PANEL	Color/Size	4.3 inch Optical Touch Color LCD
CONNECTIVITY	Interfaces	SuperSpeed USB(*1), 100BASE-TX/1000BASE-T/IEEE802.11b/g/n/ac, USB memory stick(*2)
	Printer Language	ESC/P raster, HP-GL/2(^), HP RTL(^), Adobe PostScript 3 ~ Adobe PDF 1.7
	HDD(Optional)	SSD 960GB
DIMENSIONS & WEIGHT	Printer Dimension Printing	1,848mm (W)*829mm (D)*975mm (H)
	Printer Dimension Stowed	1,848mm (W)*499mm (D)*975mm (H)
	Weight	155kg
ELECTRICAL SPECIFICATION	Voltage	AC 100-240V 50/60Hz
POWER CONSUMPTION	Operating	70W
	Ready	32W
	Sleep	2.0W
	Power Off (Stand by)	0.3W
ACOUSTIC NOIZE LEVEL	Sound Pressure Level <db(A)>	50
	Sound Power Level <B(A)>	6.6
UTILITY SOFTWARE	Utility Software (Bundled in CD)	Windows - Printer driver - EpsonNet Setup - EpsonNet Print - EpsonNet Config SE - EPSON manuals - Manual Launcher - LFP Print Plug-in for Office - PS Driver - PS Folder
	Utility Software (Web delivery)	Windows - Epson Media Installer - EpsonNet SetupManager - Epson Device Admin - Epson Edge Dashboard - Epson Print Layout - Epson Print Automate - Epson Edge Print (Option) - Epson Print Admin (Option)Mac - Printer driver - EpsonNet Config SE - EPSON manuals - Epson Media Installer - Epson Edge Dashboard - Epson Print Layout - PS DriveriOS/Android - Epson Smart Panel
OPTIONS	Options	Roll Feed Spindle (44"), SSD Unit, Production Stacker (44")
CONSUMABLE	Consumable	Ink cartridge, Maintenance Box, Borderless Maintenance Box, Printer Cutter Blade, Cleaning Stick
SYSTEM	Windows supported OS	Windows® 10, Windows® 8.1, Windows® 8, Windows® 7, Windows® Vista, Windows® XP(32bit/64bit), Windows® Server 2019/2016/2012 R2/2012/2008 R2/2008/2003 R2/2003 SP2 or later
	Mac Supprted OS	Mac OS X 10.6.8 or later, macOS 11 or later

*: It differs depend on applications/media.

#: Printable length is limited depending on restrictions of OSs or applications.

*1: Compatible with the USB 3.0 Specification. *2: Incompliant for USB memory with an encryption or a urity function. Non-guarantee connected through USB memory reader/writer or extension cable.

^ It is recommended to do test before purchasing printer if HP-GL/2 or HP RTL direct print is used, because whether supported or not depends on application or data.