



HP PageWide XL scanning solutions

HP offers a complete portfolio of scanning solutions including large-format integrated HP PageWide XL multifunction printers as well as two stand-alone scanners that enable multifunction printing with HP PageWide XL printers. Use this guide to determine which scanning solution is the best fit for your customer.

Help me choose



HP PageWide XL scanning solutions offer large-format integrated HP PageWide XL MFPs as well as two stand-alone scanners that enable print, scan, and copy with HP PageWide XL printers.



Scanning solutions specs comparison		HP PageWide XL 5000 Multifunction Printer	HP PageWide XL 4000/4500 Multifunction Printers	HP SD Pro 44-in Scanner	HP HD Pro 42-in Scanner	
Target customer		AEC firms, manufacturing, automotive, transportation, infrastructure and mapping, repro houses, and the majority of CRDs	Technical work teams, including architects and engineers, with print corners in enterprise environments; secondary market includes copy shops and small repro houses	Enterprise AEC, manufacturing, automotive, transportation, infrastructure and mapping, repro houses, public sector, and CRDs	GIS, public sector, corporate, graphic design studios, photography, print service providers, repro houses, and AEC firms	
General	Scan technology	CIS technology (Contact Image Sensor)—integrated design with all scan components combined into a single module for your everyday documents and maps		CIS technology based on custom CIS modules with dual-sided LED light and dual diffusion—provides crisp text and lines and fast scanning without fringing and eliminates unwanted shadows and backgrounds	CCD technology (Charge Coupled Device)—modular design with imaging processing electronics and optics that capture detail with high precision for higher image-quality scans on a wide range of document conditions and thicknesses	
	Applications	Recommended for technical documents, maps, and office graphics			Orthophotos, maps, professional photos, poster, banners, and technical documents; varying condition documents from old or delicate to damaged records	
	Optical resolution	1200 dpi		1200 dpi (enhanced resolution of 9600 dpi)		
	Supported files format	Standard: JPEG, TIFF / Optional: PDF, multi-page PDF (with PS/PDF upgrade)		Standard: PDF, TIFF, JPEG, JPEG2000, DWF, CALS (B&W); multi-page PDF generation		
	Scan destination	USB, network folder (SMB), scan to email and to HP SmartStream software		USB, network folder (SMB), scan to email, to HP SmartStream software, and to HDD		
	Different-heights adjustable stand	—	—	✓	✓	
	Productivity	Scan speed at 200 dpi	Color: 3 in/sec (7.62 cm/sec) Grayscale: 10 in/sec (25.4 cm/sec)		Color: 6 in/sec (15 cm/sec) Grayscale: 13 in/sec (33 cm/sec)	
		Copier settings	Print mode, roll ID, paper type, number of copies, page order, printer output destination (folder, stacker, bin), ¹ folding style selection, ² reprint, and sleep timers		Print mode, output size, paper type, number of copies, page order, collate, printer output destination (folder, stacker, bin), ¹ folding style selection, ² reprint, invert, mirror, and sleep timers	
		Batch, available with scan and copy	✓	✓	✓	✓
		Preview	✓	✓	✓	✓
Crop, rotate, area selection		—	—	✓	✓	
Paneling, tiling, nesting		—	—	✓	✓	
Synchronous printing ³		—	—	✓	✓	
HP Partner Link support		✓	✓	—	—	
File manager		—	—	✓	✓	
Media		Maximum scan width	36 in (914 mm)		44 in (1118 mm)	42 in (1067 mm)
	Maximum scan size ⁴	36 x 472 in (0.91 x 11.9 m) 24 x 708 in (0.6 x 17.9 m) 12 x 1181 in (0.3 x 29.9 m)			36 x 1204 in (0.91 x 26 m) 24 x 1491 in (0.6 x 37.9 m) 12 x 2991 in (0.3 x 75.8 m)	
	Maximum media width	39 in (991 mm)		46 in (1168 mm)	44 in (1118 mm)	
	Maximum media thickness	Up to 0.01 in (0.26 mm)		Up to 0.08 in (2 mm)	Up to 0.6 in (15 mm)	
	Media handling	Face-up, front entry, front exit, rewind to front		Face-up, front entry, rear exit, rewind to front	Face-down, front entry, rear exit, rewind to front	
Embedded controller	Scanner memory	8 GB DDR3; 1x 500 GB HDD, self-encrypted with AES-256		4 GB ⁵ memory; 500 GB ⁶ hard disk		
	User interface	8-inch (203-mm) capacitive touchscreen		15.6-inch (396-mm) capacitive touchscreen		
	Processor	Intel Core i3		Intel Core i7		
Ease of use	All-in-one preview (with tabs)	—	—	✓	✓	
	Quicksets	✓	✓	✓	✓	
	Email active directory (LDAP)	✓	✓	—	—	
Security features	Firewalls	✓	✓	✓	✓	
	Protection against virus attack ⁷	✓	✓	✓	✓	
	Disable FTP, web access, and USB	✓	✓	✓	✓	
	Common Access Card (CAC)	✓	✓	—	—	
Certification	Environmental	ENERGY STAR, EPEAT Silver, CE marking (including RoHS, WEEE, REACH). In compliance with WW RoHS materials restriction requirements in China, Korea, India, Vietnam, Turkey, Serbia, and Ukraine		ENERGY STAR, WEEE, RoHS (EU, China, Korea, India), REACH, EPEAT Bronze		

¹ Output destinations when copying—such as folders and stackers—available for the HP PageWide XL 8000 Printer, HP PageWide XL 5000 Printer series, HP DesignJet T7200 Production Printer, HP DesignJet T7100 Printer, HP DesignJet T3500 Production MFP, HP DesignJet T2500 Multifunction Printer series, HP DesignJet T1500 Printer series, and HP DesignJet T920 Printer series.

² Only available when folder accessory is available and supported by the HP large-format printer.

³ Ability to print simultaneously to up to 3 printers.

⁴ The HP HD Pro 42-in Scanner maximum scan length is 852 in (21.6 m) in for a 42-in width image. The HP SD Pro 44-in Scanner maximum scan length is 813 in (20.6 m) for a 44-in width image. The maximum scan size is measured using a color original at 200 dpi and TIFF file format. For grayscale or black-and-white originals, the maximum scan length is longer in all cases.

⁵ Scanning process.

⁶ For scan job storage, Win70S and recovery system.

⁷ Closed system. Antivirus not needed.

