

HP Designjet 4500 Scanner



Streamline workflow and improve productivity by bringing colour scanning in-house to complement your large-format printing capability. Integrates easily into your existing environment and with a variety of third-party scan applications.



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Scanner

The ideal modular solution for production departments in reprographic houses and print service providers. Also perfect for AEC, MCAD and GIS customers in SMBs and enterprises, whose workgroups and technical production departments need to produce high quality large format scans and copies of graphics, maps, renderings, line drawings and short term images like posters.

Reduce turn-around time by keeping high-quality colour copying and scanning in-house. With scan speeds up to 76mm (3") per sec in colour and 254mm (10") per sec in black-and-white, the HP Designjet 4500 Scanner delivers outstanding copy and scan performance and increases efficiency. Powerful scan resolution creates high-quality images with realistic colours and precise lines. With a resolution of 508 dpi optical and 2400 ppi enhanced from 3 cameras, and 0.1% line accuracy, your scanned files are indistinguishable from new output, and reproduce the original documents precisely.

Build a powerful HP colour scan-copy-print system which integrates with third-party applications. The integrated copy system features real-time printer, media, and queue information in the scanner user interface. The preconfigured drivers and built-in network connectivity make it easy to add this scanner to your HP Designjet 5000/5500 series, 4000/4500 series, 1000 series, and 500/800 series products. Eliminate user retraining by including this scanner in your HP design-and-production solution. Use a variety of industry-leading third party applications such as raster-to-vector-conversion.

Scan, copy, and print at the touch of a button. Use the 15" touch-screen graphical display for easy, intuitive operation. Use advanced copy features to streamline your job. Enlarge or reduce images and adjust margins to create the ideal image. Use the nesting option to save media, and make extra-large enlargements easily with the panelling option. Save scanned files to a network folder or burn them on CD or DVD. Communicate seamlessly across a network on the built-in keyboard, using 10/100Base-T networking and TCP/IP protocols.

Technical specifications

Scan technology	Sheetfed		
Scan speed	Colour (200 dpi): 76 mm/sec. Black-and-white (200 dpi) 254 mm/sec. Colour scanning: A1 full colour image at 200 dpi, 24-bit RGB. Black-and-white scanning: A1 drawing with black text graphics at 200 dpi		
Scan resolution	Optical resolution: Up to 508 dpi		
	Colour	Black & white	
	Draft:	150 x 150 dpi	150 x 150 dpi
	Normal:	200 x 200 dpi	200 x 200 dpi
	Best mode:	300 x 300 dpi	300 x 300 dpi
	Enhanced:		Up to 2400 dpi
Scan line accuracy	+/- 0.1%		
Scan file formats	TIFF, JPEG, PDF, CALS G4		
Maximum scan size	1067 mm x limited by HDD and file type		
Light source	Color-matched fluorescent lamp		
Bit-depth	24-bit colour and 8-bit greyscale		
Greyscale	256		
Media types	Non-abrasive paper, vellum, Mylar, sepia, blueprints, plastic, film, plastic laminate, foam board, cardboard (no plywood, stone plates, metal plates or abrasive dirty, rough, sharp edged, metal-clamped, burned surfaces)		
Media thickness	0.08 mm - 15.2 mm		
Media handling	Straight-through scan paper path for sheet and cardboard originals, output basket		
Copy resolution	Colour text and graphics: 300 x 300 dpi		
Reduce/enlarge	1 to 10000%		
Maximum copies	Up to 99		
Copy settings	Type of original image crop and align preview, best/normal/fast copy quality, enlarge/reduce, lightness, mirror copy, nesting, paneling, saturation and RGB controls, sharpen/blur, tiling		
Processor	Intel® Pentium® 4. 2.3 GHz		
Memory	1 GB RAM		
Interface and connectivity	1 Fast Ethernet		
Software	Drivers included: HP Macroinstaller with Windows® drivers for HP Designjet 500, 800, 1000, 4000, 4500, 5000 and 5500 Series Printers. Drivers on the web: WinXPe		
Control panel	Copy/scan/print operation controlled through an easy-to-use LCD colour touch screen and intuitive software		
Operating systems compatibility	Windows® 95, NT 4.0, 98, 2000, Me, XP Home, XP Professional; Mac OS 9.X, OS X; UNIX/Linux		
Network operating systems compatibility	Windows® 95, NT 4.0, 98, 2000, XP Home, XP Professional; IBM® OS/2 WARP v 3.0, 4.0; HP-UX v 10.X, 11.X; Sun Solaris 2.5X, 2.6; IBM AIX v 3.2.5 and later; MPE-IX v 5.5; Mac OS 9.X, OS X		
Power	Requirements: 100 to 240 VAC (+/- 10%) auto-ranging, 50/60 Hz, 5 amp maximum. Supply: Internal Built-in Universal Power Supply. Consumption: 300 watts maximum		
Dimensions (w x d x h)	Out of package: 1800 x 850 x 1380 mm. Packaged: 1910 x 690 x 730 mm		
Weight	Out of package: 95 kg. Packaged: 146 kg		
Operating environment	Operating temperature: 5 to 40° C. Recommended operating temperature: 18 to 32° C. Operating humidity: 20 to 80% RH. Operating humidity recommended: 25 to 70% RH. Storage temperature: -20 to 55° C. Storage humidity: 20 to 80% RH. Noise level per ISO 9296: sound power: LwAd 6.3 B(A). Sound pressure: LpAm 46 dB(A)		
Certifications	Safety: Compliant with IEC 60950, including EU LVD and EN60950, UL-certified for US and Canada, Mexico NYCE, Argentina IRAM, Singapore PSB, Russia VNIIS, DEMKO, China CCC, Taiwan BSMI EMC certifications: Compliant with the requirements for Class A ITE products: EU (EMC Directive), US (FCC, DoC), Canada (DoC), Australia (ACA), New Zealand (MoC), Japan (VCCI), Taiwan (BSMI), China (CCC)		
Warranty	Two-year, next-business-day on-site warranty		

Ordering information

Q1277A HP Designjet 4500 Scanner, 15" Colour Touch-Screen with Microsoft Windows® XP Embedded, Intel® Pentium® 4, 2.6 GHz, 1 GB memory and 30 GB Hard disk drive, DVD-Reader/Writer, small keyboard, 10/100Base-T Network (TCP/IP).

Accessories

Q5673A HP Designjet 256 MB Memory Upgrade

Q5679A HP Jeldirect 40d Gigabit Print Server for the HP Designjet 4000 series

Q5680A HP Designjet High Speed USB 2.0 Card

Q5676A HP Designjet 4500 42 inch Roll Feed Spindle

Q5677A HP Designjet 4500 Stacker

Service & support

UD900A/E HP Care Pack, Next Business Day On Site, 3 years
UD901PA/PE HP Care Pack, Post Warranty, Next Business Day On Site, 1 year

For a complete list of supplies, accessories and services, please refer to <http://www.hp.com/go/designjet>

<http://www.hp.com> <http://www.hp.com/go/designjet>



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