



HP Designjet 4500 Printer series

Media / ink	
Media sizes, std.	24-, 36-, 42-in rolls
Maximum print length	575 ft
Media types	4500 / 4500ps: Paper (coated, glossy, heavyweight coated, inkjet, natural tracing, photo, plain, semi-gloss, super heavyweight coated, translucent bond, vellum), film 4500mfp: Printer: paper (coated, glossy, heavyweight coated, inkjet, natural tracing, photo, plain, semi-gloss, super heavyweight coated, translucent bond, vellum), film; scanner: 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 handling	4500 / 4500ps: Manual roll feed, automatic rollswitching, automatic cutter 4500mfp: Printer: manual roll feed, automatic rollswitching, automatic cutter; scanner: straight-through scan paper path for sheet and cardboard originals, output basket
Print cartridges	4 (1 each black, cyan, magenta, yellow)
Ink types	Black pigmented, CMY dye based
Print quality / technology	
Prints colors	Yes
Print technology	HP Thermal Inkjet
Print quality, black	Up to 2400 x 1200 optimized dpi from 1200 x 1200 dpi input on glossy media
Print quality, color	Up to 2400 x 1200 optimized dpi from 1200 x 1200 dpi input on glossy media

Print languages / typefaces / memory	
Print languages, std.	4500mfp / 4500ps: Adobe PostScript Level 3, Adobe PDF 1.5, HP-GL/2, HP-RTL, TIF, JPEG, CALS G4 4500: HP-GL/2, HP-RTL, TIFF, JPEG, CALS G4
Typefaces	None
Memory, std.	4500 / 4500ps: 256 MB (upgradeable to 512 MB) 4500mfp: Printer: 256 MB (upgradeable to 512 MB); scanner: 1 GB
Memory, max.	4500 / 4500ps: 512 MB 4500mfp: Printer: 512 MB; scanner: 1 GB
Hard disk	Standard
Connectivity	
Connectivity, std.	4500 / 4500ps: 1 EIO slot, Fast Ethernet (10/100 Mbps), FireWire (IEEE 1394a-compliant) 4500mfp: Printer: 1 EIO slot, Fast Ethernet (10/100 Mbps), FireWire (IEEE 1394a-compliant); scanner: 1 Fast Ethernet 10/100 Base-TX
Connectivity, opt.	HP Jetdirect 620n LAN Card, HP Jetdirect 40d Gigabit Print Server for the HP Designjet 4000 Printer series, HP Designjet 4000 Printer series Hi-Speed USB 2.0 card
Print drivers, std.	HP-GL/2, HP-RTL Windows drivers, PS Windows drivers, ADI driver for AutoCAD R14, support for AutoCAD 200x, support for Citrix MetaFrame environments, PS driver for Mac OS X v 10.2.8, 10.3, 10.4
copy specifications	
Copy reduce/enlarge settings	4500mfp: Scanner: 1 to 10000%
Copy settings	4500mfp: 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

Scan specifications	
Scan resolution, enhanced	4500mfp: 2400 x 2400 dpi (variable resolution setting from 50 dpi in increments of 1 dpi)
Scan resolution, hardware	4500mfp: Up to 508 x 508 dpi
Scan resolution, optical	4500mfp: Up to 508 x 508 dpi
Levels of grayscale	4500mfp: Scanner: 256
Maximum scan size	4500mfp: 42 x unlimited in
warranty / dimensions / weight	
Warranty, std.	One-year, next-business-day on-site warranty
Dimensions (w x d x h)	4500 / 4500ps: 76 x 31.5 x 53.2 in 4500mfp: 76 x 31.5 x 53.2 in (printer), 70.8 x 40.2 x 54.3 in (scanner)
Weight, U.S.	4500 / 4500ps: 408 lb 4500mfp: Printer: 408 lb; scanner: 209.5 lb

Model	Model differences
HP Designjet 4500 Printer (Q1271A)	<ul style="list-style-type: none"> • Up to 42"/1067 mm wide • 2400 x 1200 dpi maximum resolution • Two media rolls with long roll support up to 575 ft/175 meter • Ink supplies of 225 and 400 ml for CMY, 400 and 775 for K • Embedded processor and 256 MB memory expandable up to 52 MB • 40 GB hard disk • Support for HP-GL/2, HP RTL, TIFF, JPEG, CALS G4
HP Designjet 4500ps Printer (Q1272A)	All the features of the 4500 model, plus: <ul style="list-style-type: none"> • Embedded RIP for Adobe PostScript® Level 3, Adobe® PDF 1.5
HP Designjet 4500mfp (Q1276A)	All the features of the 4500 model plus: <ul style="list-style-type: none"> • Embedded RIP for Adobe PostScript® Level 3, Adobe® PDF 1.5 • HP Designjet 4500 Scanner