High-quality lines and images

- Professional-quality output. Four-color, 1200 dpi writing system with pigmented black delivers excellent line quality plus high-quality imaging.
- HP color layering technology. The writing system combines multiple ink drops on a single dot to create smooth color transitions, so you get quality results for images, renderings and illustrations.
- Media choices for every task. A broad portfolio of basic and premium printing materials supports a wide array of technical and presentation applications.

Fast, reliable performance

- Quick turnaround for tight deadlines. Line drawings print in as little as 90 seconds so you can view your work and present or make changes in real time. Roll feed with automatic cutter loads and feeds easily.
- Smart ink supplies. Separate ink cartridges plus self-monitoring printheads result in reliable performance and limited user interaction.
- HP quality and reliability. These printers deliver solid performance, day in and day out, and they’re backed by support and service from the worldwide leader in large-format printing.

Options for all environments

- Easy system integration. Windows, Macintosh, and AutoCAD drivers ensure you have the compatibility you need. Standard interfaces and optional network capability make adding these printers to your system fast and simple.
- Solo or shared. HP Designjet 500 personal printers offer solid performance for single users or small groups—all files process in your computer before transmission. Add the optional HP-GL/2 card, and you get on-board processing and HP-GL/2 language support for legacy files or systems with custom HP-GL/2 drivers.
- Multiple sizes. HP Designjet 500 printers come in both 24-inch and 42-inch widths; the 24-inch models can be used for tabletop output or with optional stand and bin.
# HP Designjet 500 Printer series

## Technical specifications

### Print speed
- Line drawings: Fast: 90 seconds
- Normal: 36 ft/hr
- Best: 21 ft/hr
- Color images: 85 ft/hr (Fast mode)
- Print resolution maximum: 1200 x 600 dpi
- Memory (standard/maximum): 16 MB/160 MB (w/ HP-GL/2 accessory card)

### Media
- Handling: Sheet feed, roll feed, automatic cutter
- Types: Paper (plain, coated, natural tracing, photo, glossy, brochure, heavyweight), transparencies, vellum, translucent bond
- Size, sheet (width/length): 24-inch models: 8.3 in. to 24 in./up to 74.7 in.
- Size, roll (width/length): 24-inch models: 24 in./up to 150 ft
- Printing Margins: Lateral: 5 mm; Leading and trailing edge: 17 mm
- Ink cartridge colors: Black, cyan, magenta, yellow
- Ink types: Pigment-based (black), dye-based (cyan, magenta, yellow)

### Connectivity
- Interfaces (standard): Centronics Parallel (IEEE 1284-compliant - ECP), USB 2.0 compliant
- Print languages: HP-GL3-GUI (Optional: HP-GL/2, HP RTL)
- Drivers: Microsoft® Windows® 95, NT 4.0, 2000, XP, 2003 Server; ADI driver for AutoCAD 13 and 14; Optimized Windows driver for AutoCAD 2000-2005; Raster driver for Mac (OS 9.x, OS X)

### Environmental ranges
- Operating temperature: 59 to 95°F (15 to 35°C)
- Storage temperature: -40 to 158°F (-40 to 70°C)
- Operating humidity: 20 to 80% RH

### Acoustics
- Sound pressure: 52 dB(A)
- Sound power: 65 dB(A)

### Power consumption
- Maximum: 150 watts
- Power requirements: Input voltage: 100 to 240 VAC (+/- 10%) auto-ranging, 50/60 Hz, 3 amps maximum

### Certification
- Safety: Compliant with the requirements for ITE products—EU: Low Voltage Directive; USA and Canada: CSA Certified for US and Canada; Mexico: NOM-1-XYCE; Argentina: IRAM; China: CCIB and CCEE; Singapore: PSB; Russia: GOST; Roland: PCB
- Electromagnetic: Compliant with the requirements for Class B ITE products (Class A when connected to LAN cables)—EU EMC Directive, USA FCC rules, Canada DOC, Australia ACA, New Zealand MoC, China CCIB, Japan VCCI. Class A for Korea MIC, Taiwan BSMI
- Environmental: ENERGY STAR® qualified models; see: http://www.hp.com/go/energystar

### Warranty
- One-year warranty

### System requirements

#### Macintosh
- Minimum system configuration: iMac G3, G4, G5 dual processor, iBook, PowerBook, eMac; Mac OS 9.1, OS X v 10.1.5; 128 MB RAM, 256 MB available hard disk space
- Recommended system configuration: 1 GHz PowerPC G4; Mac OS 9 v 9.2, Mac OS X v 10.1.5, 10.2.2 and higher 10.3, 256 MB, 512 MB available hard disk space

#### Windows
- Minimum system requirements: Microsoft Windows NT, Windows 2000: Pentium II, 300 MHz (or higher), 64 MB RAM, 400 MB available hard disk space; HP-GL/2 accessory card needed if software does not use the Windows driver
- Recommended PC requirements: Microsoft Windows NT, Windows 2000, Windows XP: Pentium® II, 300 MHz (or higher), 64 MB RAM, 400 MB available hard disk space

### Dimensions
- Printer: 24-inch models: 49 x 19 x 14 in.
- 42-inch models: 67 x 27 x 43 in.
- Shipping: 24-inch models: 61 x 25 x 28 in.
- 42-inch models: 78 x 26 x 38 in.

### Weight
- Printer: 24-inch models: 85 lb
- 42-inch models: 99 lb
- Shipping: 24-inch models: 187 lb
- 42-inch models: 257 lb

### What’s in the box
- HP Designjet 500 printer, printer stand and media bin (42 in. model only), roll-feeder spindle, power cords, ink system, HP printing material
- Sample, user documentation, user maintenance kit, software setup CD

### Ordering Information
- Product number: HP product
- HP Designjet 500 24-inch Printer: C7769B
- HP Designjet 500 42-inch Printer: C7770B

### Options and accessories
- C2389A 24-in. spindle
- C2390A 42-in. spindle
- C7771A 24-in. printer stand and media bin
- C7772A HP-GL/2 accessory card and 16 MB memory module (500 model)
- Q6643D EFI Designer Edition for HP XL (500 model)

### Supplies
- C4844A HP 10 Black Ink Cartridge (69 ml)
- C4911A HP 82 Cyan Ink Cartridge (69 ml)
- C4992A HP 82 Magenta Ink Cartridge (69 ml)
- C4913A HP 82 Yellow Ink Cartridge (69 ml)
- C4810A HP 10 Black Printhead
- C4811A HP 11 Cyan Printhead
- C4812A HP 11 Magenta Printhead
- C4813A HP 11 Yellow Printhead

### Networking
- J7934G HP Jetdirect (EIO) internal, 620n, Fast Ethernet Print Server, 10/100BaseTX, 802.3
- J6058A HP Jetdirect wireless, 802.11b

For more information, visit our website at [www.hp.com](http://www.hp.com)