



DESIGNJET T770

Printer Series

Stewart Engineering Supply, Inc.

Reliable plug-and-play 44-inch small team printer



Easily do more in less time and grow your business



- Get the job done quickly without sacrificing quality thanks to this printer's fast (Economode) print setting—2 D/A 1-sized prints per minute.
- Improve your media loading with a convenient, hassle-free front-loading top roll printer, and save time with alerts that facilitate timely replacement.
- Small teams can share this printer thanks to its built-in network card.
- Increase your possibilities with system enhancements like more memory and optional PostScript accessory.¹⁾
- Print batch HP-GL/2, DWF, PDF, JPEG, TIFF, and MS Office 2007 (Word, Excel, PowerPoint) files easily—without opening any application—thanks to the free HP Instant Printing Utility.



Small details increase your power to communicate



- Achieve rich, dark blacks and fine detailed lines with HP Vivera inks, including 2 HP Vivera blacks and a gray ink in this 6-ink printing system.
- Produce exacting detail with 0.0008 inch (0.02 mm) minimum line width,²⁾ and highly accurate drawings with 0.1% line accuracy.
- Easily create stunning large-format posters that convey your message loud and clear with the optional Serif PosterDesigner Pro for HP.³⁾

- Transform your everyday printing with 2 HP media innovations—new and improved HP bond papers with ColorPRO Technology and HP Recycled Bond Paper, made of 100% recycled base paper.
- Optimize blueprints—use this printer's new printing mode for generic natural tracing paper.

Focus on your design with a reliable printer

- Work with confidence knowing this printer can easily process complex files.
- Increase your memory capabilities with a 160 GB hard disk version printer, including 8 GB of dedicated memory for fast file processing.
- Experience greater operating system support with original HP-GL/2 and RTL.
- Experience efficient, reliable printing with Original HP printing supplies and printing materials.
- Manage your printer fleet and costs with HP Web Jetadmin and the HP accounting tool.

ecoHIGHLIGHTS HP DESIGNJET T770 PRINTER

- Save paper with blank print area detection, image auto-rotate and realistic print previews
- Less ink wasted thanks to efficient installation and maintenance routines
- Free, convenient cartridge and printhead recycling¹⁾
- Supports 100% recycled HP media
- ENERGY STAR[®] Qualified Product

¹⁾ In more than 45 countries worldwide. Please check www.hp.com/recycle for details.

www.hp.com/ecosolutions

Please recycle your computing hardware and supplies. Find out how at our website.



¹⁾ The PostScript accessory is an optional accessory to be purchased separately (includes 6 GB memory upgrade).

²⁾ HP-GL/2 addressable

³⁾ Serif PosterDesigner Pro for HP is an optional software accessory to be purchased separately.

HP DESIGNJET T770 PRINTER SERIES

TECHNICAL SPECIFICATIONS

| | |
|--|--|
| Print Speed¹ | |
| Line drawings ² | Fast: 28 sec/page on D/A1, 103 D/A1 prints per hour |
| Color images | Fast: 549 f ² /hr (51 m ² /hr) ² Best: 33.3 f ² /hr (3.1 m ² /hr) ³ |
| Printing | |
| Print resolution | Up to 2400 x 1200 optimized dpi |
| Margins (top x bottom x left x right) | Roll: 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) Sheet: 0.2 x 0.67 x 0.2 x 0.2 in (5 x 16.75 x 5 x 5 mm) |
| Technology | HP Thermal Inkjet |
| Ink types | Dye-based (C, M, Y, G, PK); pigment-based (MK) |
| Ink colors | Cyan, gray, magenta, matte black, photo black, yellow |
| Ink drop | 6 pl (C, M, PK, G), 9 pl (Y, MK) |
| Ink cartridge size | 130 ml (cyan, gray, magenta, matte black, photo black, yellow) 69 ml (cyan, gray, magenta, photo black, yellow) |
| Printheads | 3 (matte black and yellow, magenta and cyan, gray and photo black) |
| Line accuracy | +/- 0.1% ⁴ |
| Minimum line width | 0.0008 in (0.02 mm) (HP-GL/2 addressable) |
| Guaranteed minimum line width | 0.0024 in (0.06 mm) (ISO/IEC 13660:2001[E]) ⁵ |
| Maximum print length | 300 ft (91 m) (OS and application dependent) |
| Media | |
| Handling | Sheet feed; roll feed; automatic cutter |
| Types | Bond and coated papers, technical papers, films, photographic papers, backlit materials, self-adhesive materials |
| Weight | 60 to 328 g/m ² |
| Size | 8.26 x 11 to 44 x 66 in (210 x 279 to 1118 x 1676 mm) sheets 11 to 44 in (27.94 to 111.76 cm) rolls |
| Thickness | Up to 11.8 mil |
| Memory | |
| | 8 GB dedicated file-processing memory, 160 GB hard disk ⁶ |
| Connectivity | |
| Interfaces (standard) | 1 Fast Ethernet (100Base-T) port, 1 Hi-Speed USB 2.0 certified port, 1 EIO Jetdirect accessory slot |
| Interfaces (optional) | HP Jetdirect EIO print servers |
| Print languages (standard) | HP-GL/2, HP-RTL, CALS G4, HP PCL 3 GUI |
| Print languages (optional) | Adobe® PostScript® 3™, Adobe PDF 1.7 (with optional PostScript Upgrade accessory) |
| Drivers (included) | HP-GL/2, HP-RTL drivers for Windows® (optimized for AutoCAD 2000 and higher); HP PCL 3 GUI driver for Mac OS X; support for Citrix XenApp and Citrix XenServer environments; PostScript Windows, Linux, and Mac drivers with optional dongle (will remove HP PCL 3 GUI driver support) |
| Recommended system requirements | |
| Mac | Mac OS X v 10.4, Mac OS X v 10.5; PowerPC G4, G5, or Intel Core Processor; 1 GB RAM; 2 GB available hard disk space |
| Windows | Windows XP® (SP2 or later); Intel® Pentium® family or AMD® K6/Athlon/Duron family (1 GHz), 1 GB RAM, 2 GB available hard disk space; Windows Vista®: 32-bit (x86) or 64-bit (x64) processor (1 GHz), 2 GB RAM, 2 GB available hard disk space |
| Dimensions (w x d x h) | |
| Printer | 69.7 x 28.4 x 41.3 in (1770 x 722 x 1050 mm) |
| Shipping | 75.98 x 30.16 x 30.7 in (1930 x 766 x 778 mm) |
| Weight | |
| Printer | 180 lb (81.6 kg) |
| Shipping | 244 lb (111 kg) |
| What's in the box | |
| | Printer, printheads (3 x 2 colors each), introductory ink cartridges, 44-in stand, 44-in spindle, Quick Reference Guide, setup poster, Serif PosterDesigner Pro for HP poster, start-up software, power cord |
| Environmental ranges | |
| Operating temperature | 41 to 104° F (5 to 40° C) |
| Recommended operating temperature | 59 to 95° F (15 to 35° C) (depending on paper type) |
| Storage temperature | -13 to 131° F (-25 to 55° C) |
| Recommended operating humidity | 20 to 80% RH (depending on paper type) |
| Storage humidity | 0 to 95% RH |
| Acoustic | |
| Sound pressure, active | 46 dB(A) |
| Sound pressure, standby | 26 dB(A) |
| Sound power, active | 6.2 B(A) |
| Sound power, standby | 4.4 B(A) |
| Power consumption | |
| Maximum | 120 watts |
| Powersave | < 7 watts (< 25 watts with embedded DFE) |
| Off | 0.1 watts |
| Power requirements | Input voltage (auto ranging) 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz), 2 A max |
| Certification | |
| Safety | USA and Canada (CSA certified); EU (LVD and EN60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NRYCE) |
| Electromagnetic | Compliant with Class B requirements, including: USA (FCC rules), Canada (ICES), EU (EMC Directive), Australia (ACMA), New Zealand (RSM), China (CCC), Japan (VCCI); Certified as Class A product: Korea (KCC) |
| Environmental | WEEE, EU RoHS, China RoHS, REACH, EuP, FEMP |
| ENERGY STAR® qualified models | see: http://www.hp.com/go/energystar |
| Warranty | |
| | One-year limited hardware warranty |

ORDERING INFORMATION

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| Product | |
| CN375A | HP Designjet T770 44-in Hard Disk Version Printer |
| Accessories | |
| Q6709A | HP Designjet 44-inch Roll Feed Spindle |
| CN500A | HP Designjet T770 PostScript Upgrade |
| J7961G | HP Jetdirect 635n IPv6/IPsec Print Server |
| CN088A | Serif PosterDesigner Pro for HP |
| Original HP printheads | |
| C9380A | HP 72 Gray and Photo Black Printhead |
| C9383A | HP 72 Magenta and Cyan Printhead |
| C9384A | HP 72 Matte Black and Yellow Printhead |
| Original HP ink cartridges | |
| C9397A | HP 72 69-ml Photo Black Ink Cartridge |
| C9398A | HP 72 69-ml Cyan Ink Cartridge |
| C9399A | HP 72 69-ml Magenta Ink Cartridge |
| C9400A | HP 72 69-ml Yellow Ink Cartridge |
| C9401A | HP 72 69-ml Gray Ink Cartridge |
| C9403A | HP 72 130-ml Matte Black Ink Cartridge |
| C9370A | HP 72 130-ml Photo Black Ink Cartridge |
| C9371A | HP 72 130-ml Cyan Ink Cartridge |
| C9372A | HP 72 130-ml Magenta Ink Cartridge |
| C9373A | HP 72 130-ml Yellow Ink Cartridge |
| C9374A | HP 72 130-ml Gray Ink Cartridge |
| Original HP printing materials | |
| Q6627A | HP Super Heavyweight Plus Matte Paper 210 g/m ² , 36 in x 100 ft/914 mm x 30.5 m |
| Q6628A | HP Super Heavyweight Plus Matte Paper 210 g/m ² , 42 in x 100 ft/1067 mm x 30.5 m |
| C6030C | HP Heavyweight Coated Paper 130 g/m ² , 36 in x 100 ft/914 mm x 30.5 m |
| C6569C | HP Heavyweight Coated Paper 130 g/m ² , 42 in x 100 ft/1067 mm x 30.5 m |
| Q1956A | HP Heavyweight Coated Paper 130 g/m ² , 42 in x 225 ft/1067 mm x 67.5 m |
| C6019B | HP Coated Paper 90 g/m ² , 24 in x 150 ft/610 mm x 45.7 m |
| C6020B | HP Coated Paper 90 g/m ² , 36 in x 150 ft/914 mm x 45.7 m |
| C6980A | HP Coated Paper 90 g/m ² , 36 in x 300 ft/914 mm x 91.4 m |
| C1860A | HP Bright White Inkjet Paper 90 g/m ² , 24 in x 150 ft/610 mm x 45.7 m now with ColorPRO Technology |
| C1861A | HP Bright White Inkjet Paper 90 g/m ² , 36 in x 150 ft/914 mm x 45.7 m now with ColorPRO Technology |
| C6810A | HP Bright White Inkjet Paper 90 g/m ² , 36 in x 300 ft/914 mm x 91.4 m now with ColorPRO Technology |
| Q1397A | HP Universal Bond Paper 80 g/m ² , 36 in x 150 ft/914 mm x 45.7 m now with ColorPRO Technology |
| C3868A | HP Natural Tracing Paper 90 g/m ² , 36 in x 150 ft/914 mm x 45.7 m |
| C3875A | HP Clear Film 174 g/m ² , 36 in x 75 ft/914 mm x 22.9 m |
| 51642B | HP Matte Film 160 g/m ² , 36 in x 125 ft/914 mm x 38.1 m |
| Q1427A | HP Universal High-gloss Photo Paper 190 g/m ² , 36 in x 100 ft/914 mm x 30.5 m |
| Q1421A | HP Universal Semi-gloss Photo Paper 190 g/m ² , 36 in x 100 ft/914 mm x 30.5 m |
| CG459A | HP Premium Matte Photo Paper 210 g/m ² , 24 in x 100 ft/610 mm x 30.5 m |
| CG460A | HP Premium Matte Photo Paper 210 g/m ² , 36 in x 100 ft/914 mm x 30.5 m |
| C7960A | HP Reverse Print Matte Backlit Film 160 g/m ² , 36 in x 75 ft/914 mm x 22.9 m |
| Q8834A | HP Self-adhesive Gloss Polypropylene 120 g/m ² , 36 in x 75 ft/914 mm x 22.9 m |
| CG886A | HP Cockle-free Heavyweight Coated Paper 170 g/m ² , 24 in x 100 ft/610 mm x 30.5 m |
| CG887A | HP Cockle-free Heavyweight Coated Paper 170 g/m ² , 36 in x 100 ft/914 mm x 30.5 m |
| CG888A | HP Cockle-free Heavyweight Coated Paper 170 g/m ² , 42 in x 100 ft/1067 mm x 30.5 m |
| CG883A | HP Cockle-free Coated Paper 100 g/m ² , 24 in x 150 ft/610 mm x 45.7 m |
| CG884A | HP Cockle-free Coated Paper 100 g/m ² , 36 in x 150 ft/914 mm x 45.7 m |
| CG885A | HP Cockle-free Coated Paper 100 g/m ² , 42 in x 150 ft/1067 mm x 45.7 m |
| CG889A | HP Recycled Bond Paper 80 g/m ² , 24 in x 150 ft/610 mm x 45.7 m made of 100% recycled base paper |
| CG890A | HP Recycled Bond Paper 80 g/m ² , 36 in x 150 ft/914 mm x 45.7 m made of 100% recycled base paper |
| CG891A | HP Recycled Bond Paper 80 g/m ² , 42 in x 150 ft/1067 mm x 45.7 m made of 100% recycled base paper |
| HP Care Pack Services | |
| US251E | HP 3-year Next Business Day Onsite Support |
| H4518E | HP Installation Services with Network Setup |
| US248E | HP 3-year Next Business Day Onsite Support (9x5) |
| US244E | HP 3-year Next Business Day Onsite Support (13x5) |
| US250E | HP 4-year Next Business Day Onsite Support |
| US249E | HP 5-year Next Business Day Onsite Support |

For more HP large-format printing materials and sizes please visit us online at: www.hp.com/go/designjet/supplies

- ¹ Mechanical printing time
- ² Printed on plain media with Economode on
- ³ Printed on glossy media
- ⁴ +/-0.1% of the specified vector length or +/-0.1 mm (whichever greater) at 73° F (23° C), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film
- ⁵ Measured on HP Matte Film
- ⁶ 384 MB RAM memory

For More Information Contact: **Stewart Engineering Supply, Inc** at 817-640-1767 1-800-533-1265

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Visit our Website at www.sesisupply.com

