



# DESIGNJET T770

PRINTER SERIES

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.<sup>1)</sup>
- 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,<sup>2)</sup> 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.<sup>3)</sup>

- 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 recycling<sup>1)</sup>
- Supports 100% recycled HP media
- ENERGY STAR<sup>®</sup> Qualified Product

<sup>1)</sup> In more than 45 countries worldwide. Please check [www.hp.com/recycle](http://www.hp.com/recycle) for details.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

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



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

<sup>2)</sup> HP-GL/2 addressable

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

# HP DESIGNJET T770 PRINTER SERIES

## TECHNICAL SPECIFICATIONS

<b>Print Speed<sup>1</sup></b>	
Line drawings <sup>2</sup>	Fast: 28 sec/page on D/A1, 103 D/A1 prints per hour
Color images	Fast: 549 f <sup>3</sup> /hr (51 m <sup>2</sup> /hr) <sup>2</sup> Best: 33.3 f <sup>3</sup> /hr (3.1 m <sup>2</sup> /hr) <sup>3</sup>
<b>Printing</b>	
Print resolution	Up to 2400 x 1200 optimized dpi
Margins (top x bottom x left x right)	<b>Roll:</b> 0.2 x 0.2 x 0.2 x 0.2 in (5 x 5 x 5 x 5 mm) <b>Sheet:</b> 0.2 x 0.2 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% <sup>4</sup>
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)) <sup>5</sup>
Maximum print length	300 ft (91 m) (OS and application dependent)
<b>Media</b>	
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 <sup>2</sup>
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
<b>Memory</b>	
	8 GB dedicated file-processing memory, 160 GB hard disk <sup>6</sup>
<b>Connectivity</b>	
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)
<b>Recommended system requirements</b>	
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
<b>Dimensions (w x d x h)</b>	
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)
<b>Weight</b>	
Printer	180 lb (81.6 kg)
Shipping	244 lb (111 kg)
<b>What's in the box</b>	
	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
<b>Environmental ranges</b>	
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
<b>Acoustic</b>	
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)
<b>Power consumption</b>	
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
<b>Certification</b>	
Safety	USA and Canada (CSA certified); EU (LVD and EN60950-1 compliant); Russia (GOST); Singapore (PSB); China (CCC); Argentina (IRAM); Mexico (NYPE)
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: <a href="http://www.hp.com/go/energystar">http://www.hp.com/go/energystar</a>
<b>Warranty</b>	
	One-year limited hardware warranty

## ORDERING INFORMATION

<b>Product</b>	
CN375A	HP Designjet T770 44-in Hard Disk Version Printer
<b>Accessories</b>	
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
<b>Original HP printheads</b>	
C9380A	HP 72 Gray and Photo Black Printhead
C9383A	HP 72 Magenta and Cyan Printhead
C9384A	HP 72 Matte Black and Yellow Printhead
<b>Original HP ink cartridges</b>	
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
<b>Original HP printing materials</b>	
Q6627A	HP Super Heavyweight Plus Matte Paper 210 g/m <sup>2</sup> , 36 in x 100 ft/914 mm x 30.5 m
Q6628A	HP Super Heavyweight Plus Matte Paper 210 g/m <sup>2</sup> , 42 in x 100 ft/1067 mm x 30.5 m
C6030C	HP Heavyweight Coated Paper 130 g/m <sup>2</sup> , 36 in x 100 ft/914 mm x 30.5 m
C6569C	HP Heavyweight Coated Paper 130 g/m <sup>2</sup> , 42 in x 100 ft/1067 mm x 30.5 m
Q1956A	HP Heavyweight Coated Paper 130 g/m <sup>2</sup> , 42 in x 225 ft/1067 mm x 67.5 m
C6019B	HP Coated Paper 90 g/m <sup>2</sup> , 24 in x 150 ft/610 mm x 45.7 m
C6020B	HP Coated Paper 90 g/m <sup>2</sup> , 36 in x 150 ft/914 mm x 45.7 m
C6980A	HP Coated Paper 90 g/m <sup>2</sup> , 36 in x 300 ft/914 mm x 91.4 m
C1860A	HP Bright White Inkjet Paper 90 g/m <sup>2</sup> , 24 in x 150 ft/610 mm x 45.7 m <b>now with ColorPRO Technology</b>
C1861A	HP Bright White Inkjet Paper 90 g/m <sup>2</sup> , 36 in x 150 ft/914 mm x 45.7 m <b>now with ColorPRO Technology</b>
C6810A	HP Bright White Inkjet Paper 90 g/m <sup>2</sup> , 36 in x 300 ft/914 mm x 91.4 m <b>now with ColorPRO Technology</b>
Q1397A	HP Universal Bond Paper 80 g/m <sup>2</sup> , 36 in x 150 ft/914 mm x 45.7 m <b>now with ColorPRO Technology</b>
C3868A	HP Natural Tracing Paper 90 g/m <sup>2</sup> , 36 in x 150 ft/914 mm x 45.7 m
C3875A	HP Clear Film 174 g/m <sup>2</sup> , 36 in x 75 ft/914 mm x 22.9 m
51642B	HP Matte Film 160 g/m <sup>2</sup> , 36 in x 125 ft/914 mm x 38.1 m
Q1427A	HP Universal High-gloss Photo Paper 190 g/m <sup>2</sup> , 36 in x 100 ft/914 mm x 30.5 m
Q1421A	HP Universal Semi-gloss Photo Paper 190 g/m <sup>2</sup> , 36 in x 100 ft/914 mm x 30.5 m
CG459A	HP Premium Matte Photo Paper 210 g/m <sup>2</sup> , 24 in x 100 ft/610 mm x 30.5 m
CG460A	HP Premium Matte Photo Paper 210 g/m <sup>2</sup> , 36 in x 100 ft/914 mm x 30.5 m
C7960A	HP Reverse Print Matte Backlit Film 160 g/m <sup>2</sup> , 36 in x 75 ft/914 mm x 22.9 m
CG834A	HP Self-adhesive Gloss Polypropylene 120 g/m <sup>2</sup> , 36 in x 75 ft/914 mm x 22.9 m
CG886A	HP Cockle-free Heavyweight Coated Paper 170 g/m <sup>2</sup> , 24 in x 100 ft/610 mm x 30.5 m
CG887A	HP Cockle-free Heavyweight Coated Paper 170 g/m <sup>2</sup> , 36 in x 100 ft/914 mm x 30.5 m
CG888A	HP Cockle-free Heavyweight Coated Paper 170 g/m <sup>2</sup> , 42 in x 100 ft/1067 mm x 30.5 m
CG883A	HP Cockle-free Coated Paper 100 g/m <sup>2</sup> , 24 in x 150 ft/610 mm x 45.7 m
CG884A	HP Cockle-free Coated Paper 100 g/m <sup>2</sup> , 36 in x 150 ft/914 mm x 45.7 m
CG885A	HP Cockle-free Coated Paper 100 g/m <sup>2</sup> , 42 in x 150 ft/1067 mm x 45.7 m
CG889A	HP Recycled Bond Paper 80 g/m <sup>2</sup> , 24 in x 150 ft/610 mm x 45.7 m <b>made of 100% recycled base paper</b>
CG890A	HP Recycled Bond Paper 80 g/m <sup>2</sup> , 36 in x 150 ft/914 mm x 45.7 m <b>made of 100% recycled base paper</b>
CG891A	HP Recycled Bond Paper 80 g/m <sup>2</sup> , 42 in x 150 ft/1067 mm x 45.7 m <b>made of 100% recycled base paper</b>
<b>HP Care Pack Services</b>	
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](http://www.hp.com/go/designjet/supplies)

- <sup>1</sup> Mechanical printing time
- <sup>2</sup> Printed on plain media with Economode on
- <sup>3</sup> Printed on glossy media
- <sup>4</sup> +/-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
- <sup>5</sup> Measured on HP Matte Film
- <sup>6</sup> 384 MB RAM memory

FOR MORE INFORMATION, VISIT OUR WEBSITE AT  
[WWW.HP.COM/GO/DESIGNJET770](http://WWW.HP.COM/GO/DESIGNJET770)

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