DESIGNJET T770
PRINTER SERIES

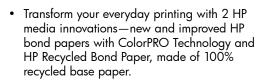### Reliable plug-and-play 44-inch small team printer

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 A1/D-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 and the embedded Web server.

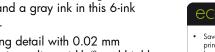### Small details increase your power to communicate

- 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 0.02 mm (0.0008 in) 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.[4]
- 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, embedded Web server and the HP accounting tool.

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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[1]
- 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.

HP DESIGNJET T770
PRINTER SERIES

TECHNICAL SPECIFICATIONS

Print Speed[1]

Line drawings[2]	Fast: 28 sec/page on A1/D, 103 A1/D prints per hour
Color images	Fast: 51 m²/hr (549 ft²/hr)[2]
	Best: 3.1 m²/hr (33.3 ft²/hr)[3]

Printing

Print resolution	Up to 2400 x 1200 optimized dpi
Margins	**Roll:** 5 x 5 x 5 x 5 mm (0.2 x 0.2 x 0.2 x 0.2 in)
(top x bottom x left x right)	**Sheet:** 5 x 16.75 x 5 x 5 mm (0.2 x 0.67 x 0.2 x 0.2 in)
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	0.02 mm (0.0008 in) (HP-GL/2 addressable)
Guaranteed minimum line width	0.06 mm (0.0024 in) (ISO/IEC 13660:2001(E))[5]
Maximum print length	91 m (300 ft) (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/m²
Size	210 x 279 to 1118 x 1676 mm (8.26 x 11 to 44 x 66 in) sheets; 27.94 to 111.76 cm (11 to 44 in) rolls
Thickness	Up to 11.8 mil

Memory

	Base Model: 2 GB dedicated file-processing memory
	Hard Disk Version Printer: 8 GB dedicated file-processing memory, 160 GB hard disk

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)	**Base model:** HP-GL/2, HP-RTL, HP PCL 3 GUI
	Hard Disk Version Printer: 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	1770 x 702 x 1050 mm (69.7 x 27.6 x 41.3 in)
Shipping	1930 x 766 x 778 mm (75.98 x 30.16 x 30.7 in)

Weight

Printer	81.6 kg (180 lb)
Shipping	111 kg (244 lb)

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	5 to 40° C (41 to 104° F)
Recommended operating temperature	15 to 35° C (59 to 95° F) (depending on paper type)
Storage temperature	-25 to 55° C (-13 to 131° F)
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 (NYCE)
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

Product

CH539A	HP Designjet T770 44-in Printer
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
CN499A	HP Designjet T770 Memory 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/m², 36 in. x 100 ft/914 mm x 30,5 m
Q6628A	HP Super Heavyweight Plus Matte Paper 210 g/m², 42 in. x 100 ft/1067 mm x 30,5 m
C6030C	HP Heavyweight Coated Paper 131 g/m², 36 in. x 100 ft/914 mm x 30,5 m
C6569C	HP Heavyweight Coated Paper 131 g/m², 42 in. x 100 ft/1067 mm x 30,5 m
Q1956A	HP Heavyweight Coated Paper 131 g/m², 42 in. x 225 ft/1067 mm x 67,5 m (NA & EMEA only)
C6019B	HP Coated Paper 90 g/m², 24 in. x 150 ft/610 mm x 45,7 m
C6020B	HP Coated Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m
C6980A	HP Coated Paper 90 g/m², 36 in. x 300 ft/914 mm x 91,4 m
C1860A	HP Bright White Inkjet Paper 90 g/m², 24 in. x 150 ft/610 mm x 45,7 m (NA & LAR only) **now with ColorPRO Technology**
C6035A	HP Bright White Inkjet Paper 90 g/m², 24 in. x 150 ft/610 mm x 45,7 m (EMEA & AP only) **now with ColorPRO Technology**
C1861A	HP Bright White Inkjet Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m (NA & LAR only) **now with ColorPRO Technology**
C6036A	HP Bright White Inkjet Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m (EMEA & AP only) **now with ColorPRO Technology**
C6810A	HP Bright White Inkjet Paper 90 g/m², 36 in. x 300 ft/914 mm x 91,4 m **now with ColorPRO Technology**
Q1445A	HP Bright White Inkjet Paper 90 g/m², (A1) 23.39 in. x 150 ft/594 mm x 45,7 m (EMEA & JP only) **now with ColorPRO Technology**
Q1397A	HP Universal Bond Paper 80 g/m², 36 in. x 150 ft/914 mm x 45,7 m **now with ColorPRO Technology**
C3868A	HP Natural Tracing Paper 90 g/m², 36 in. x 150 ft/914 mm x 45,7 m
C3875A	HP Clear Film 174 g/m², 36 in. x 75 ft/914 mm x 22,9 m
51642B	HP Matte Film 160 g/m², 36 in. x 125 ft/914 mm x 38,1m
Q1427A	HP Universal High-gloss Photo Paper 190 g/m², 36 in. x 100 ft/914 mm x 30,5 m (NA, EMEA, AP only)
Q1421A	HP Universal Semi-gloss Photo Paper 190 g/m², 36 in. x 100 ft/914 mm x 30,5 m (NA, EMEA, AP only)
CG459A	HP Premium Matte Photo Paper 210 g/m², 24 in. x 100 ft/610 mm x 30,5 m
CG460A	HP Premium Matte Photo Paper 210 g/m², 36 in. x 100 ft/914 mm x 30,5 m
C7960A	HP Reverse Print Matte Backlit Film 160 g/m², 36 in. x 75 ft/914 mm x 22,9 m (NA, EMEA, AP only)
Q8834A	HP Self-adhesive Gloss Polypropylene 120 g/m², 36 in. x 75 ft/914 mm x 22,9 m
Q1442A	HP Coated Paper 90 g/m², (A1) 23.39 in. x 150 ft/594 mm x 45,7 m (EMEA & JP only)
CG886A	HP Cockle-free Heavyweight Coated Paper 170 g/m², 24 in. x 100 ft/610 mm x 30,5 m (US & EMEA only)
CG887A	HP Cockle-free Heavyweight Coated Paper 170 g/m², 36 in. x 100 ft/914 mm x 30,5 m (US & EMEA only)
CG888A	HP Cockle-free Heavyweight Coated Paper 170 g/m², 42 in. x 100 ft/1067 mm x 30,5 m (US & EMEA only)
CG883A	HP Cockle-free Coated Paper 100 g/m², 24 in. x 150 ft/610 mm x 45,7 m (US & EMEA only)
CG884A	HP Cockle-free Coated Paper 100 g/m², 36 in. x 150 ft/914 mm x 45,7 m (US & EMEA only)
CG885A	HP Cockle-free Coated Paper 100 g/m², 42 in. x 150 ft/1067 mm x 45,7 m (US & EMEA only)
CG889A	HP Recycled Bond Paper 80 g/m², 24 in. x 150 ft/610 mm x 45,7 m (US & EMEA only) **made of 100% recycled base paper**
CG890A	HP Recycled Bond Paper 80 g/m², 36 in. x 150 ft/914 mm x 45,7 m (US & EMEA only) **made of 100% recycled base paper**
CG891A	HP Recycled Bond Paper 80 g/m², 42 in. x 150 ft/1067 mm x 45,7 m (US & EMEA only) **made of 100% recycled base paper**
CG892A	HP Recycled Bond Paper 80 g/m², (A2) 16.54 in. x 150 ft/420 mm x 45,7 m (EMEA only) **made of 100% recycled base paper**

Service and support

US251E	3 year, Next business day, Onsite Support
US249E	5 year, Next business day, Onsite Support
US250E	4 year, Next business day, Onsite Support
US244E	3 year, 4 hour response 13 by 5 Onsite Support
US245PE	1 year, Post Warranty, Next business day, Onsite Support
US239PE	1 year, Post Warranty, 4 hour response 13 by 5 Onsite Support
H4518E	Installation and Network Configuration

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 Econmode on
[3] Printed on glossy media
[4] +/-0.1% of the specified vector length or +/-0.1 mm (whichever greater) at 23° C (73° F), 50-60% relative humidity, on E/A0 printing material in Best or Normal mode with HP Matte Film
[5] Measured on HP Matte Film

FOR MORE INFORMATION, VISIT OUR WEBSITE AT
WWW.HP.COM/GO/DESIGNJETT770