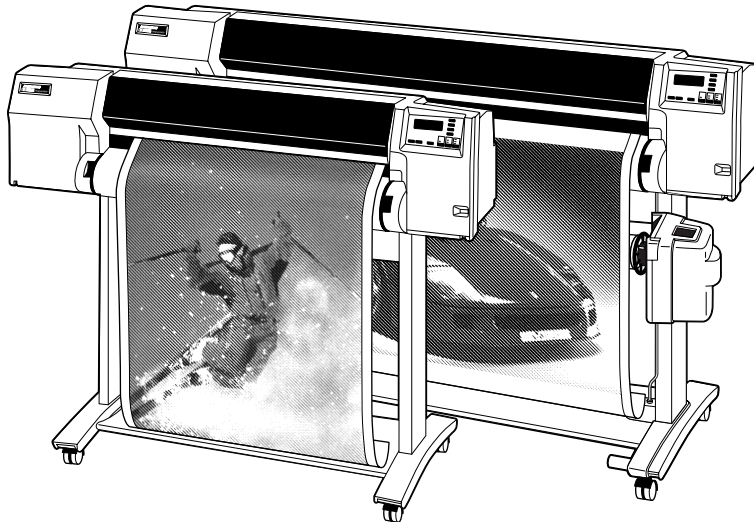


HP DesignJet CP Series Printers Data Sheet

HP DesignJet 2500CP/2000CP: 91 cm wide printers

HP DesignJet 3500CP/3000CP: 1.37 m wide printers



Professional, photo-quality large-format printing for print service providers, graphic professionals, CAD imaging and GIS.

HP DesignJet 2500CP & 3500CP Printers

- Come ready to print right out of the box – includes Adobe™ PostScript 3 built-in RIP, hard disk (2 GB for the 2500CP, 4.3 GB for the 3500CP) and HP JetDirect card with Ethernet connectivity
- PostScript drivers for Macintosh and Windows included as well as AutoCAD drivers for Windows and DOS
- Reprint images quickly and easily from the queue
- Automatic colour calibration ensures consistent results
- PANTONE tables for colour matching*
- SWOP, Eurostandard and TOYO colour emulation

You can also use an external RIP with these printers if you choose, but in doing so you will trade-off the above features.

HP DesignJet 2000CP & 3000CP Printers

- Includes Windows or AutoCAD drivers, or suitable for use with an external third-party RIP solution
- A number of advantages can be gained from an external RIP solution, including:
 - Extra Flexibility: direct printing of more input file formats such as JPEG, Gif, EPS, EMP, Targa; enjoy enhanced image processing algorithms, colour correction and calibration features, plus the ability to handle more media types
 - Enhanced Productivity: benefit from faster information processing and printing (due to VarWare® print modes), as well as multi-peripheral support
 - Enhanced Print Management: job management and accounting capabilities, maximise printing capacity whilst tracking ink and media consumption by print job
- For a full list of RIP solutions available for the HP DesignJet printers, refer to the “Accessories Guide for the HP DesignJet printers”, PN 5966-2547E, or visit the HP DesignJet website (<http://www.hp.com/go/designjet>)

Highlights

- Photo-quality images with brilliant, accurate colours and smooth, subtle skin tones
- HP DesignJet printers, ink systems and media designed together for optimum image quality
- Designed for productivity: 8.6 square metres per hour (Economy mode) and 4.3 square metres per hour (Productivity mode)
- Take-up Reel for the 3XXXCP printers
- One-year warranty with free onsite service
- Large-capacity ink system prints approximately 186 square metres between ink system changes
- Two ink sets: dye-based inks for photo-quality images, pigment-based UV inks for enhanced lightfastness
- Print quality warranted 24 months** outdoor and 5 years indoor with the 3M™ Matched Component System™ and the HP DesignJet CP Ink System UV
- Cost per copy approximately 4.3 dollars (US) per square metre on coated paper (dye-based ink and media)
- Accepts a wide range of printing materials including coated papers, glossy photo papers, vinyl and more (for a full list of printing materials refer to the “Printing Materials Guide for the HP DesignJet printers”, PN 5966-2361E)

* Pantone, Inc.’s check-standard trademark for colour.

** For regions with extreme solar energy, the warranty period is 18 months outdoor, and 5 years indoor. Refer to Section 5 of the Reference Manual provided with the 3M Thermal Ink Jet Graphics Certified Fabricator Starter Kit 8590CP for details.

HP DesignJet CP Series Printers

Specifications		HP DesignJet 2500CP/2000CP and HP DesignJet 3500CP/3000CP
Print Technology	Colour Thermal Inkjet	
Print Times (On HP Coated Paper)*	HP DesignJet 2500CP/2000CP	
	7.7 square metres per hour (Fast mode) 3.9 square metres per hour (Normal mode) 1.6 square metres per hour (Best mode)	
	HP DesignJet 3500CP/3000CP	
	8.6 square metres per hour (Economy mode) 4.3 square metres per hour (Productivity mode) 1.7 square metres per hour (Photo mode)	
Resolution	Best/Photo: 600 dpi, Normal/Productivity: 300 dpi, Fast/Economy: 300 dpi	
Ink Sets and Media	4 colour CMYK HP DesignJet CP Ink Systems for use with HP Coated and Heavyweight Coated Paper, HP Semi-Gloss and High-Gloss Photo Paper, and co-developed 3M Clear Imaging Media, 3M Changeable Opaque Imaging Media HP DesignJet CP Ink Systems UV for use with HP Heavyweight Coated Paper, HP Banners with Tyvek® and co-developed 3M Changeable Opaque Imaging Media	
Media Handling	Rollfeed and sheetfeed, automatic cutter, Take-up Reel for 3500CP/3000CP	
Media Sizes	HP DesignJet 2500CP/2000CP: A4 - A0 Sheets, A4 - A0 rolls, Max length: 45.7 m HP DesignJet 3500CP/3000CP: Min sheet width: 210 mm, Max sheet width: 1.37 m, Max sheet length: 1.6 m 61 cm, 91 cm, 107 cm and 1.37 m wide rolls, Min media length: 210 mm Max Long Axis: 45.7 m	
Minimum Line Width	0.08 mm	
Accuracy	+/- 0.38 mm or +/- 0.7% of vector length, whichever is greater	
Memory, Standard	HP DesignJet 2500CP: 20 MB; 2 GB Hard Disk HP DesignJet 2000CP: 8 MB HP DesignJet 3500CP: 36 MB; 4.3 GB Hard Disk HP DesignJet 3000CP: 12 MB	
Memory, Maximum	68 MB	
Languages	HP DesignJet 2500CP/3500CP: Adobe PostScript 3, HP-GL/2, HP-RTL HP DesignJet 2000CP/3000CP: HP-GL/2, HP-RTL	
Drivers	AutoCAD: R12, R13 for DOS; R12, R13, R14 for all Windows (3.x, 95 & NT) PostScript (2500CP/3500CP): PostScript driver for Windows, (3.x, 95, NT 3.51 & 4.0) and Mac, (7.1-8.0 QuickDraw) Windows (2000CP/3000CP): Windows 3.x, 95 and NT 4.0	
Interfaces	HP DesignJet 2500CP/3500CP: Standard: IEEE-1284 compatible parallel, Ethernet/LocalTalk HP DesignJet 2000CP/3000CP: Standard: IEEE-1284 compatible parallel Optional: HP JetDirect network interface card	
Auto Interface Switching	Yes	
Front Panel Display	2 lines by 20 characters	
Warranty	One year with free onsite service including preventative maintenance Optional SupportPack for 3-year extended warranty, Optional Extended Support Upgrades for 24-hour operating service are offered in selected areas	

Physical Characteristics

Height, Depth, Length/Weight	2500CP/2000CP printers: 1225 mm/735 mm/1560 mm/83 kg 3500CP/3000CP printers: 1220 mm/672 mm/2008 mm/100 kg
Shipping Dimensions/Weight	2500CP/2000CP printers: 980 mm/600 mm/1770 mm/115 kg 3500CP/3000CP printers: 1190 mm/670 mm/2265 mm/197 kg

Operating Environment

Temperature Range	Operating 15°C - 30°C; Storage: -40°C - 70°C
Relative Humidity	Operating: 20%-80%
Power Requirements	100-240V AC +/- 10%, 2 A max., 50-60 Hz
Power Consumption	120 W maximum
Sound Pressure Level	2500CP/2000CP printers: Operating: 42 dB (A), Idle: <26dB (A) 3500CP/3000CP printers: Operating: 46 dB (A), Idle: <30dB (A)
Sound Power Level	2500CP/2000CP printers: Operating: 5.6 Bels (A), Idle: <3.9 Bels (A) 3500CP/3000CP printers: Operating: 6 Bels (A), Idle: <4.3 Bels (A)

Certifications

Safety	UL listed, CSA certified, NEMKO approved, NOM-1-NYCE certified, IEC 950 et al., CCIB Certified, IEC 825-1 Class 1 compliant
Electromagnetic Compatibility	Compliant with EU EMC directive, FCC Rules, Australia/NZ and Canadian EMC requirements for Class B Products (Class A when connected to LANs) VCCI registered. RRL and BCIQ Certified
Environmental	US EPA Energy Star Compliant

* Print time specifications quoted are on coated paper, using Windows driver.

Visit the HP DesignJet website at <http://www.hp.com/go/designjet>

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Ordering Information

Description	HP P/N
HP DesignJet 2500CP printer	C4704A
HP DesignJet 2000CP printer	C4703A
HP DesignJet 3500CP printer	C4724A
HP DesignJet 3000CP printer	C4723A

The above units come with a rollfeed spindle, cutter knife, and holder; HP DesignJet CP Ink System for imaging – one each of black, cyan, magenta, and yellow; two rolls of selected media; ink storage container; user documentation; and drivers.

The HP DesignJet 2500CP/3500CP printers also include a hard disk, HP JetDirect card for Ethernet/LocalTalk, and PostScript drivers for Macintosh and Windows.

Supplies

Supplies	HP P/N
HP DesignJet CP Ink System (for imaging):	
Black	C1806A
Cyan	C1807A
Magenta	C1808A
Yellow	C1809A
HP DesignJet CP Ink System UV:	
Black	C1892A
Cyan	C1893A
Magenta	C1894A
Yellow	C1895A

HP DesignJet Printing materials:
Refer to the "HP Printing Materials Guide for the HP DesignJet Printers" 5966-2361E

Accessories

Accessories	HP P/N
HP memory expansion modules:	
4 MB SIMM	C6229A
8 MB SIMM	C6230A
16 MB SIMM	C6231A
32 MB SIMM	C6232A
Rollfeed spindle assembly (91 cm)	C3173A
Rollfeed spindle assembly (1.37 m)	C6248A
Ink system storage container	C6236A
Interface cables must be ordered separately.	

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As an ENERGY STAR™ Partner, Hewlett-Packard Company has determined that this product meets ENERGY STAR™ guidelines for energy efficiency.