# hp designjet cp series
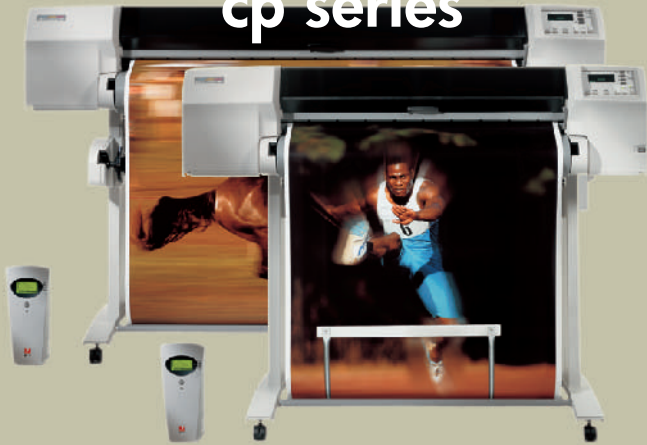
**hp invent** ®

**durable graphics printing**

**for print service providers and signmakers**

# hp designjet cp series printers

Print-service providers, retailers, and graphics professionals know that the HP Designjet CP Series printers are an ideal high-resolution printing solution for durable indoor and outdoor applications. While providing long-lasting, vibrant colors, and professional photo-quality printing, the HP Designjet CP Series also allows RIP flexibility to easily integrate into any graphics workflow.

Whether you want to print with a preferred RIP, add a plug-and-play PostScript printer to your network, or use an external high-performance Fiery RIP for file processing, there is an HP Designjet CP Series printer right for your needs. And with durable, lightfast UV inks and a wide variety of printing material, rich, vivid colors will stay true for up to five years.

All HP Designjet CP Series printers are engineered with the same technological foundation for image quality, durability, and unattended printing features.

## image quality

- 600-dpi resolution
- Brilliant, accurate colors and smooth, subtle skin tones
- HP Zoomsmart scaling technology easily enlarges

any image in Microsoft Windows applications

## durable printing

- Create durable, lightfast indoor and outdoor prints with pigment-based UV ink system
- Genuine HP Designjet CP Series Ink Supplies ensure long-lasting indoor prints
- Image durability warranted 24 months outdoor and five years indoor using HP Designjet CP Series UV Ink Supplies and 3M™ Matched Component System™

## unattended printing

- Large-capacity ink system prints up to 2000 square feet between dye-based ink system changes
- Automatic printhead alignment
- Take-up reel (optional on 36-inch models)

## hp warranty and support

- One-year warranty delivers free, on-site, next-business-day service, backed by HP support centers around the world
- HP Supportpacks and service agreements allow you to extend your warranty to up to five years

## hp designjet 2000cp/3000cp printers

- Requires external RIP or supplied Windows or AutoCAD drivers
- An external RIP may provide the following features:
  - Direct printing of more input file formats such as JPEG, GIF, EPS, EMP and Targa
  - Enhanced image processing algorithms, color correction and calibration features
  - Ability to handle even more media types
  - Enhanced productivity—faster information processing and printing, as well as multi-peripheral support
  - Enhanced print management—job management and accounting capabilities maximize printing capacity while tracking ink and media capacity by print job
- For a list of RIP solutions available for HP Designjet printers, visit **www.hp.com/go/designjet**

- C4703A (2000cp 36 inch): $8,995
- C4723A (3000cp 54 inch): $13,995

The **hp** designjet printing solution—**hp** printers, ink systems and printing material—engineered and tested together to ensure uncompromising print quality, performance and reliability.

## hp designjet printing supplies

HP Designjet Printing Supplies maximize the performance of your HP Designjet system. The portfolio of supplies consists of high performance products for a variety of printing solutions that ensure uncompromising print quality, performance, and reliability.

# hp designjet 2500cp/3500cp printers

- Network ready—comes ready to print right out of the box

- Includes Adobe PostScript 3 RIP, 4.3 GB hard disk and HP Jetdirect network interface

- PostScript drivers for Macintosh, Windows drivers included, as well as AutoCAD drivers for Windows and DOS

- Reprint images quickly and easily from the queue

- A powerful combination of color management tools eliminates guesswork. Colors are consistent and accurate from screen to print:

  - Pantone certified colors

  - Standard press emulations support for SWOP, EuroScale, and TOYO

  - ICC profiles for Windows and Macintosh

  - Apple ColorSync compatibility

  - Automatic color calibration

  - Can also be connected to external RIPs

- C4704A (2500cp 36 inch): $11,995

- C4724A (3500cp 54 inch): $16,995

# hp designjet 2800cp/3800cp printers

- Network ready—comes ready to print right out of the box

- Supplied Fiery X2-CP RIP provides powerful performance via customized HP Varware print modes and wide-mask technology, Fiery RIPChips, customer ASICs, and a MIPS R5000 motherboard with a 200 MHz CPU

- Increased productivity with Fiery WebTools, Fiery Spooler, and Fiery Downloader remote printer management utilities

- Fiery NetWise™ networking architecture offers seamless connectivity to any workgroup

- Special built-in media simulations fine-tune final output

- Pantone color matching

- Standard press emulations support for SWOP, Euroscale, and DIC

- Apple ColorSync compatibility

- C6085A (2800cp 36 inch): $11,995

- C6084A (3800cp 54 inch): $18,995

## hp designjet cp series ink supplies

| dye | uv | color | ink volume |
| --- | --- | --- | --- |
| C1806A | C1892A | black | 410 ml |
| C1807A | C1893A | cyan | 410 ml |
| C1808A | C1894A | magenta | 410 ml |
| C1809A | C1895A | yellow | 410 ml |

## hp printing material

HP Printing Material offers a broad range of solutions, from premium products for uncompromising image quality to economical products for best value and flexibility.

HP Printing Material for Dye Applications: HP Coated Paper, HP Heavyweight Coated Paper, HP Paper Based Semi-Gloss, HP Studio Canvas,  HP Colorfast Adhesive Vinyl, HP High-Gloss Photo Paper, HP Semi-Gloss Photo Paper.

HP Printing Material for UV Applications: HP Heavyweight Coated Paper, HP Studio Canvas, HP Colorfast Adhesive Vinyl, HP Banners with Tyvek®, HP Colorlucent Backlit UV.

For complete HP Printing Material product information, compatibility and printing tips, visit **www.hp.com/go/designjet** and select "Printing Material."

# hp designjet cp series printers

## specifications

| | | | |
|---|---|---|---|
| print technology | HP Color Thermal Inkjet | | |

print performance*

| | | Fast/economy | Normal/productivity | Best/photo |
|---|---|---|---|---|
| 2000cp/2500cp | | 83 ft²/hour | 42 ft²/hour | 17 ft²/hour |
| 3000cp/3500cp | | 92 ft²/hour | 46 ft²/hour | 18 ft²/hour |
| 3800cp (2800cp) | Native | 92 (83) ft²/hour | 29 (28) ft²/hour† | 18 (17) ft²/hour |
| | High speed | — — | 49 (47) ft²/hour† | 32 (29) ft²/hour |

| | |
|---|---|
| maximum resolution■ | 600 dpi |
|   minimum line width | 0.003 in. |
|   line accuracy | ±0.2% of specified page length |
| media handling | Sheet feed, roll feed, automatic cutter, take-up reel (take-up reel is optional on 2000cp Series) |

media sizes

| | Sheet | Roll |
|---|---|---|
| 2000cp/2500cp/2800cp | width: 8.3 in. to 36 in. | width: 24 in., 36 in. |
| | length: up to 63 in. | length: up to 150 ft. |
| 3000cp/3500cp/3800cp | width: 8.3 in to 54 in. | width: 24 in., 36 in., 42 in., 54 in. |
| | length: up to 63 in. | length: up to 150 ft. |

memory

| | Standard | Maximum |
|---|---|---|
| 2000cp/3000cp | 8 MB/12 MB | 68 MB |
| 2500cp/3500cp | 36 MB, 4.3 MB HD | 68 MB, 4.3 GB HD |
| 2800cp/3800cp | 8 MB/12MB; RIP 64 MB | 68 MB; Fiery RIP 512 MB |

connectivity

| | |
|---|---|
| languages | 2000cp/3000cp: HP-GL/2, HP RTL, CALS, CGM-ATA |
| | 2500cp/3500cp:Adobe® PostScript® 3™, HP-GL/2, HP RTL, CALS, CGM-ATA |
| | 2800cp/3800cp: Adobe PostScript 3, (PS, EPS, PDF and TIFF) |
| drivers | 2000cp/2500cp/3000cp/3500cp |
| PostScript (2500cp/3500cp) | Microsoft® Windows®: 95, 98, NT 3.51, 4.0; Macintosh: 7.1 – 8.0 QuickDraw |
| Microsoft® Windows | 3.1, 95, 98, 2000, NT 3.51, 4.0 |
| AutoCAD® | Releases 10, 11 (DOS); 12 (Windows 3.1, 95, DOS); 13 (Windows 3.1, 95, NT 3.51, 4.0, DOS), 14 (Windows 95, 98, NT 4.0) |
| UNIX® | CALS, TIFF and JPEG files accepted via ZEHRaster Plus software |
| | 2800cp/3800cp systems supported: Microsoft Windows: 95, 98, NT 4.0, UNIX®, Macintosh 7.x or later |
| interfaces | 2000cp/3000cp: Centronics parallel port, IEEE 1284 compliant, optional HP Jetdirect network interface card |
| | 2500cp/3500cp: Centronics parallel port, IEEE 1284 compliant, Ethernet/EtherTalk |
| | 2800cp/3800cp: Centronics parallel port, IEEE 1284 compliant, Ethernet, USB |
| automatic interface switching | Yes |
| Fiery X2 RIP software (2800cp/3800cp) | Fiery WebTools (WebStatus, WebSpooler, WebLink and WebInstaller) Fiery ColorWise 2.0 technology (PANTONE® color matching, SWOP, EuroScale and DIC emulations, EFI, RGB, Apple ColorSync® and ICM source profiles), including ColorWise Pro Tools |
|   automatic interface switching | Fiery NetWise: Autosensing 10/100Base T standard, AUI, RJ45 parallel and USB ports with auto-switching support for EtherTalk, TCP/IP and Novell IPX protocols |
| warranty | One year warranty with free, on-site, next-business-day service. |

## physical characteristics

| | 2000cp Series | 3000cp Series | RIP |
|---|---|---|---|
| width x depth x height/weight | 61 in. x 29 in. x 48 in./183 lbs. | 78 in. x 26 in. x 48 in./220 lbs | 6 in. x 11 in. x 14 in./11.5 lbs. |

## environmental specifications

| | |
|---|---|
| temperature ranges | Operating: 59° to 86°F; Storage: –40°F to 158°F; RIP storage: –4°F to 140°F |
| operating humidity | 20% to 80% RH |
| power | Requirements: 100 to 240 V AC ±10% 2 A max; 50 to 60 Hz |
| | Consumption: 153 watts maximum |
| acoustic emissions♦ | Sound pressure level—2000cp Series: Printing: 42 dB (A), Idle: <26 dB (A); 3000cp Series: Printing: 46 dB (A), Idle: <30 dB (A) |
| | Sound power level—2000cp Series: Printing: 5.6 Bels (A), Idle: <3.9 Bels (A); 3000cp Series: Printing: 6.0 Bels (A), Idle: <4.3 Bels (A) |

## regulatory compliance

| | |
|---|---|
| information and safety | EU LVD, IEC 950 & EN 60950 compliant; printer is NEMKO approved; RIP is TUV certified (GS mark). Printer is UL listed, CSA certified, RIP is CSA NRTL/C certified |
| electromagnetic compatibility | EU EMC directive compliant, FCC rules, Canada DoC. Australia ACA, New Zealand MoC and China requirements for Class B products (Class A when connected to LANs) |
| environmental compliance | US EPA ENERGY STAR® compliant |

| ordering information | 2000cp | 2500cp | 2800cp | 3000cp | 3500cp | 3800cp |
|---|---|---|---|---|---|---|
| box contents | C4703A | C4704A | C6085A | C4723A | C4724A | C6084A |
| printer stand & media bin | • | • | • | • | • | • |
| take-up reel | | | • | | • | • |
| roll-feed spindle | • | • | • | • | • | • |
| power cords | • | • | • | • | • | • |
| hp designjet cp ink system dye | • | • | • | • | • | • |
| hp printing material sample | • | • | • | • | • | • |
| user documentation | • | • | • | • | • | • |
| cutter knife & holder | • | • | • | • | • | • |
| Jetdirect network card | • | | | • | | |
| RIP documentation/user CD | | | • | | | • |
| parallel cables for RIP | | | • | | | • |

Other interface cables must be ordered separately

| options and accessories | |
|---|---|
| 16 MB memory module | C6231A |
| 32 MB memory module | C6232A |
| 36-inch spindle assembly | C2376A |
| 54-inch spindle assembly | C6248A |
| 36-inch take-up reel | C6246A |
| Ink system storage container | C6236A |
| Cleaning Kit | C6247A |

*Approximate speeds on HP Coated Paper. †HP Heavyweight Coated Paper. ■best/photo modes and high speed modes. ♦ Per ISO DP7779. Typical emissions at 1 meter by-stander position for pressure