HP Designjet family brochure
Unleashing the power of colour printing

August 2004

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Proven industry-leadership, award winning products.

Renown for outstanding quality and performance, HP's wide and large-format printing solutions have been constantly receiving industry-wide acclamations achieving 66.4% market share in AP (excluding Japan) for the 1st quarter of 2004. Here are some of the recent awards:

HP Designjet 130 series has been voted as the "Best Large Format Photo Printer in Europe, 2004"*.

HP large-format printers have been awarded the PCQuest User's Choice Awards 2002 for the third consecutive time**.

HP Designjet 1050c printer have been awarded the Cadalyst Labs' 1999 All Star Awards.

HP Designjet 1000 series printer have been awarded the Cadence 1999 Editor's Choice Awards.

HP Designjet 1050c/1055cm printer have been awarded the Cadence 1999 Show Stopper Award.

*   HP Designjet 130 series has been voted as the "Best Large Format Photo Printer in Europe, 2004" by the chief editors and/or technical editors of the 30 leading European photo and imaging magazines, from twelve countries, members of the Technical Image Press Association (TIPA) at its recent meeting in Barcelona (Spain), on the 30th April-May 2004. – Tipa official website

**   HP large-format printers were awarded 'The PCQuest Users' Choice Award 2002 in India. Based on an all-India survey conducted by IMRB across all sections ranging from large businesses, small businesses, home-office businesses to households. Visit http://www.pcquest.com/content/user_choice/102091220.asp for more information.

HP Designjet printers—
for technical markets

Looking to create maximum impact with your civil planning designs, geographic patterns and images? HP Designjet printing systems have been developed to do just that, offering brilliant image quality and photographic colour imaging. You can produce complex mechanical CAD data sets with accurate detail, sharp 2-D engineering colour and monochrome line drawings.

Exceptional image quality allows you to retain the depth and form in 3-D solid models and create photo-realistic renderings. You can print sizes from full bleed A3 to A0+ and larger on rolls up to 1.5 m/60-inches wide. Whatever your large-format printing needs, HP has the right solution for you.

Technical markets:

Geographical Information Systems (GIS)
• Cartography

• Satellite and aerial imaging

• Demographic analysis

• Oil and gas exploration

• Land management

• Asset and facilities management

• Telecommunications

Recommended Printers:
HP Designjet 100plus
HP Designjet 500
HP Designjet 800
HP Designjet 1050c plus
HP Designjet 1055cm plus
HP Designjet 5500/5500ps
HP Designjet 815mfp
HP Designjet Scanner 4200

Mechanical CAD
• Aerospace and automotive

• Consumer products

• Industrial design

• Industrial machinery

• Component industries

• Shipbuilding

Recommended Printers:
HP Designjet 100plus
HP Designjet 430
HP Designjet 500
HP Designjet 800
HP Designjet 1050c plus
HP Designjet 1055cm plus
HP Designjet 815mfp
HP Designjet Scanner 4200

Architecture, Engineering and Construction (AEC)
• Site plans

• Renderings

• Elevations

• Project presentations

• Tender documents

Recommended Printers:
HP Designjet 100plus
HP Designjet 430
HP Designjet 500
HP Designjet 800
HP Designjet 1050c plus
HP Designjet 1055cm plus
HP Designjet 815mfp
HP Designjet Scanner 4200

Designjet printers for technical market.

HP Designjet printers—
for graphics market

In your business, success depends on producing results which reflect the creativity of your ideas. HP Designjet printing systems are designed to ensure your ideas get the attention they deserve.

Ideal for producing concept proofs, visuals, design comps and checkprints where graphic designers require photo quality output, easy and accurate colour management, and low risk investment. They are also ideal for colour and imposition proofs where pre-press users need reliable colour accuracy, consistency, fast turnaround and easy management.

HP Designjet printers also offer affordable in-house printing solutions for office and corporate users to produce business graphics like presentations, trade show graphics and exhibit signage, charts and graphs.

HP Designjets' outstanding print quality and productivity also allow print service providers to produce high quality retail, point-of-sale and promotional materials like signage, packaging, posters, banners, and window displays.

Graphics markets:

Pre-press
• Concept and visual presentations

• Design comps and mock-ups

• Contract/imposition proofs

• Packaging proofs

Recommended Printers:
HP Designjet 30 series
HP Designjet 130 series
HP Designjet 1055cm plus
HP Designjet 5500/5500ps

Point-of-purchase applications (POP)
• Point-of-purchase materials

• In-store promotional posters

• Information signs

• Banners, backlits, floor graphics, window displays

Recommended Printers:
HP Designjet 30 series
HP Designjet 130 series
HP Designjet 500ps
HP Designjet 800ps
HP Designjet 5500/5500ps

Print service providers
• Point-of-sale materials and signage for retail

• Presentation and trade show materials for businesses

• Posters for arts and entertainment venues

• Individual photo enlargements

Recommended Printers:
HP Designjet 30 series
HP Designjet 130 series
HP Designjet 500ps
HP Designjet 800ps
HP Designjet 5500/5500ps
HP Designjet 815mfp

Education and Corporate Design
• Posters, banners or marketing materials

• Teaching aids & business graphics

• For GIS labs in universities (land surveying, geoinformatics etc)

• For architecture, engineering and design institutes

Recommended Printers:
HP Designjet 30 series
HP Designjet 100plus
HP Designjet 130 series
HP Designjet 430
HP Designjet 500
HP Designjet 800
HP Designjet 1050c plus
HP Designjet 1055cm plus
HP Designjet 5500/5500ps

Designjet printers for
graphics market.

Neil Snape

The world of fashion and advertising is one of the toughest to please and Neil Snape needs to deliver show-stopping images time and again. He places great importance on colour reliability, and was very impressed with how the printer perform compared to his experiences with competitor products.

Neil Snape prides himself in using the best equipment available, and has used the HP Designjet 30 to illustrate proofs to some of the world's top Art Directors. "I'm hired based on the quality of images in my portfolios in front of art directors and clients, I will now be chosen more often thanks to the HP Designjet 30," says Snape.

"The HP Designjet 30 offers better photographic images than digital photo lab reproduction. You can reproduce all the tones of a traditional lab print, every detail with the contrast and rich tone that a real photo has to offer."

Neil Snape, Editorial & Advertising photographer

HP Designjet 30 (A3+)—C7790D

Print quality	Superb colour image quality 2400 x 1200 dpi on HP Premium Photo paper
Print times and speeds	A3: 4 mpp (Normal mode, glossy paper) A3: 6 mpp (Best mode, glossy paper)
Memory	32 MB RAM
Languages	Standard: PCL 3-GUI RGB 24-bit Contone Optional: Adobe PostScript 3 via software RIP
Connectivity	Standard: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot Optional: HP Jetdirect 615n print server for Fast Ethernet
Operating system	Windows: Microsoft Windows 95, 98, NT, 2000, XP Mac: iMac G3, G4, G5, iBook, PowerBook, eMac, Mac (OS 9.1, OS X v 10.1.5)
Highlights	Automatic printhead alignment & colour calibration for maximum colour consistency Apple ColorSync compatible Optimised drivers with RGB ICC profiles support Mac and Windows applications Optional HP software RIP for expanded printing options and colour accuracy
Ink	6 colour printer (C, M, Y, K, lc, lm) with separate ink cartridges HP 85 ink cartridges (28 ml): cyan/magenta/yellow/light cyan/light magenta—C9425A/6A/7A/8A/9A HP 84 ink cartridge (69 ml): black—C5016A HP 85 printheads: cyan/magenta/yellow/light cyan/light magenta—C9420A/1A/2A/3A/4A HP 84 printhead: black—C5019A
Media	**Photographic paper** HP Photo Matte, B+, 50 sheets—Q5492A HP Premium Plus Photo and Proofing Gloss, B+, 25 sheets—Q5486A HP Premium Plus Photo Satin, B+, 25 sheets—Q5489A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

Graphics market (graphic design,
pre-press proofing and
professional photography)

HP Designjet 30n (A3+)—C7790E

Print quality	Superb colour image quality 2400 x 1200 dpi on HP Premium Photo paper
Print times and speeds	A3: 4 mpp (Normal mode, glossy paper) A3: 6 mpp (Best mode, glossy paper)
Memory	32 MB RAM
Languages	Standard: PCL 3-GUI RGB 24-bit Contone Optional: Adobe PostScript 3 via software RIP
Connectivity	Standard: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot, HP Jetdirect 615n print server for Fast Ethernet
Operating system	Windows: Microsoft Windows 95, 98, NT, 2000, XP Mac: iMac G3, G4, G5, iBook, PowerBook, eMac, Mac (OS 9.1, OS X v 10.1.5)
Highlights	Automatic printhead alignment & colour calibration for maximum colour consistency Apple ColorSync compatible Optimised drivers with RGB ICC profiles support Mac and Windows applications Optional HP software RIP for expanded printing options and colour accuracy
Ink	6 colour printer (C, M, Y, K, lc, lm) with separate ink cartridges HP 85 ink cartridges (28 ml): cyan/magenta/yellow/light cyan/light magenta—C9425A/6A/7A/8A/9A HP 84 ink cartridge (69 ml): black—C5016A HP 85 printheads: cyan/magenta/yellow/light cyan/light magenta—C9420A/1A/2A/3A/4A HP 84 printhead: black—C5019A
Media	**Photographic paper** HP Photo Matte, B+, 50 sheets—Q5492A HP Premium Plus Photo and Proofing Gloss, B+, 25 sheets—Q5486A HP Premium Plus Photo Satin, B+, 25 sheets—Q5489A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

HP Designjet 100plus (24 inches)—C7796C

Print quality	Detailed image quality and vibrant colour 1200 x 600 dpi
Media sizes and types	Standard input tray loads up to 150-sheets of common and custom sizes up to A2+ Front and rear manual feed tray handle media up to A1+ size or 24 inches Support a variety of media including coated, heavyweight coated, glossy media, bright white and CAD
Print times and speeds	A3: 6 mpp (Best mode, glossy paper) A1: 21.5 mpp (Best mode, glossy paper)
Memory	64 MB RAM
Languages	Standard: PCL 3-GUI
Connectivity	Standard: USB 1.1 (Microsoft Windows 98 second edition, Me, 2000 and XP) USB 2.0 compliant, Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot Optional: HP Jetdirect 615n, HP Jetdirect 680n, HP Jetdirect 610n, HP Jetdirect 600n, HP Jetdirect 175x, HP Jetdirect 310x, HP Jetdirect 380x
Operating system	Windows: Microsoft Windows 95, 98, NT, 2000, XP Mac: iMac G3, G4, G5, iBook, PowerBook, eMac, Mac (OS X v 10.3, 9 v 9.0.4 and above)
Highlights	Multipurpose printing—up to A2+ from automatic paper tray and up to A1+ from manual front feed Flexible printing—supports full range of media types and weights (up to 300 g/m^2) including CAD media Professional results using 1200 dpi writing system and HP Color Layering Technology Modular, individually replaced supplies make colour cost effective
Ink	4 colour printer (C, M, Y, K) with separate ink cartridges HP 10 ink cartridge (69 ml): black—C4844A HP 11 ink cartridges (28 ml): cyan/magenta/yellow—C4836A/7A/8A HP 11 printheads: black/cyan/magenta/yellow—C4810A/1A/2A/3A
Media	**Proofing paper** HP Proofing Gloss, 13 x 19 inches*, 50 sheets—Q1970A HP Proofing Gloss, 18 x 24 inches*, 50 sheets—Q1963A HP Proofing Gloss, 24 x 36 inches*, 50 sheets—Q1964A HP Proofing Semi-gloss, 13 x 19 inches*, 50 sheets—C7884A **Bond & Coated paper** HP Coated Paper, 18 x 24 inches*, 100 sheets—Q1961A HP Coated Paper, 24 x 36 inches*, 100 sheets—Q1962A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

Blanc.co

Blanc.co based in Barcelona, Spain, is a brand and packaging design agency that transforms creative ideas into design concepts for worldwide brand names like Panrico, Henkel and Adolfo Dominguez, among others.

According to Lluis Blanc, director of Blanc.co, the successful transformation of creative ideas into design concepts, to market a product or brand, is of paramount importance to reaching your client's target audience. And for this, graphic designers need exceptional photo-quality images to illustrate their designs to clients. Blanc believes the HP Designjet 130 series printers turn creative ideas into impressive, business-winning design concepts. Its wider colour gamut, smoother mid-tones and media flexibility allow the company's clients to fully appreciate the realistic photo-quality of their concepts. Additionally, HP Designjet 30 and 130 series offer new, fade-resistant inks for lightfast colour stability. This allows Blanc.co to create perfect mock-ups for achieving the desired impact to the target markets.

Blanc says, "Our printed designs are spectacular, with an image quality that really impresses our clients. The HP Designjet 130 printer is definitely helping us to win deals. The printer offers colours that have a bright, vibrant quality, and colour definition remains exceptional in all tones."

Blanc.co, Barcelona, Spain.

www.blanc-co.com

HP Designjet 130 (24 inches)—C7791C

Print quality	Superb colour image quality 2400 x 1200 dpi on HP Premium Photo paper
Media sizes and types	Standard input tray loads up to 100-sheets of common and custom sizes Up to A1/24 inches wide Front and rear manual feed for cut-sheet up to A1/24 inches wide Rear manual feed supports rigid media up to 80 lb (300 g/m^2) or 0.02 inches/0.4 mm thick Automatic roll feed prints up to 24 inches x 50 ft (15 m) long (available only with HP Designjet 130nr)
Print times and speeds	A3: 6 mpp (Best mode, glossy paper) A1: 17.5 mpp (Best mode, glossy paper)
Memory	64 MB RAM
Languages	Standard: PCL 3-GUI RGB 24-bit Contone Optional: Adobe PostScript 3 via software RIP
Connectivity	Standard: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot Optional: HP Jetdirect 615n, 680n, 610n, 600n, 175x, 310x, 380x
Operating system	Windows: Microsoft Windows 95, 98, NT, 2000, 2003, XP Mac: iMac G3, G4, G5, iBook, PowerBook, eMac, Mac (OS 9.1, OS X v 10.1.5)
Highlights	Print pre-cut sheets from A6 postcards, A4 to A2 sizes via the standard input tray A1 size cut sheets via the front and rear manual feeds 24-inch wide banners (up to 15 m length) via the automatic roll feed. (Available only with HP Designjet 130nr) Automatic closed-loop colour calibration 2400-dpi writing system Optional HP software RIP Supports, Automatic PANTONE Calibration, Colour emulation standards (Apple ColorSync, ICC profile) Offset press emulations (SWOP, EuroScale, TOYO, DIC and JMPA*) True Adobe PostScript workflow for CMYK printing, supports both Mac OS and Windows
Ink	6 colour printer (C, M, Y, K, lc, lm) with separate ink cartridges HP 85 ink cartridges (28 ml): cyan/magenta/yellow/light cyan/light magenta—C9425A/6A/7A/8A/9A HP 84 ink cartridge (69 ml): black—C5016A HP 85 printheads: cyan/magenta/yellow/light cyan/light magenta—C9420A/1A/2A/3A/4A HP 84 printhead: black—C5019A
Media	**Proofing paper** HP Photo Matte, B+, 50 sheets—Q5492A HP Premium Plus Photo and Proofing Gloss, B+, 25 sheets—Q5486A HP Premium Plus Photo and Proofing Gloss, C+, 20 sheets—Q5487A HP Premium Plus Photo and Proofing Gloss, 24 inches roll, 50 ft—Q5488A HP Premium Plus Photo Satin, B+, 25 sheets—Q5489A HP Premium Plus Photo Satin, C+, 20 sheets—Q5490A HP Premium Plus Photo Satin, 24 inches, 50 roll—Q5491A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

Graphics market (graphic design, pre-press proofing and professional photography)

HP Designjet 130nr (24 inches)—C7791D

Print quality	Superb colour image quality 2400 x 1200 dpi on HP Premium Photo paper
Media sizes and types	Standard input tray loads up to 100-sheets of common and custom sizes Up to A1/24 inches wide Front and rear manual feed for cut-sheet up to A1/24 inches wide Rear manual feed supports rigid media up to 80 lb (300 g/m^2) or 0.02 inches/0.4 mm thick Automatic roll feed prints up to 24 inches x 50 ft (15 m) long (available only with HP Designjet 130nr)
Print times and speeds	A3: 6 mpp (Best mode, glossy paper) A1: 17.5 mpp (Best mode, glossy paper)
Memory	64 MB RAM
Languages	Standard: PCL 3-GUI RGB 24-bit Contone Optional: Adobe PostScript 3 via software RIP
Connectivity	Standard: USB 1.1 (USB 2.0 compliant), Centronics parallel IEEE-1284 (ECP compliant), 1 EIO slot, HP Jetdirect 615n
Operating system	Windows: Microsoft Windows 95, 98, NT, 2000, 2003, XP Mac: iMac G3, G4, G5, iBook, PowerBook, eMac, Mac (OS 9.1, OS X v 10.1.5)
Highlights	Print pre-cut sheets from A6 postcards, A4 to A2 sizes via the standard input tray A1 size cut sheets via the front and rear manual feeds 24-inch wide banners (up to 15 m length) via the automatic roll feed. (Available only with HP Designjet 130nr) Automatic closed-loop colour calibration 2400-dpi writing system Optional HP software RIP Supports, Automatic PANTONE Calibration, Colour emulation standards (Apple ColorSync, ICC profile) Offset press emulations (SWOP, EuroScale, TOYO, DIC and JMPA*) True Adobe PostScript workflow for CMYK printing, supports both Mac OS and Windows
Ink	6 colour printer (C, M, Y, K, lc, lm) with separate ink cartridges HP 85 ink cartridges (28 ml): cyan/magenta/yellow/light cyan/light magenta—C9425A/6A/7A/8A/9A HP 84 ink cartridge (69 ml): black—C5016A HP 85 printheads: cyan/magenta/yellow/light cyan/light magenta—C9420A/1A/2A/3A/4A HP 84 printhead: black—C5019A
Media	**Proofing paper** HP Photo Matte, B+, 50 sheets—Q5492A HP Premium Plus Photo and Proofing Gloss, B+, 25 sheets—Q5486A HP Premium Plus Photo and Proofing Gloss, C+, 20 sheets—Q5487A HP Premium Plus Photo and Proofing Gloss, 24 inches roll, 50 ft—Q5488A HP Premium Plus Photo Satin, B+, 25 sheets—Q5489A HP Premium Plus Photo Satin, C+, 20 sheets—Q5490A HP Premium Plus Photo Satin, 24 inches, 50 roll—Q5491A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

HP Designjet 430 (24/36 inches)—C4713A/C4714A

Print quality	Excellent line quality Addressable 600 dpi black
Print times and speeds	D-size: 1.5 minutes (Black line drawings/Fast mode)
Memory	4 MB RAM Maximum: 36 MB RAM
Languages	Standard: HP-GL/2, HP-Gl, HP RTL
Connectivity	Standard: IEEE 1284-compliant bidirectional parallel, RS-232C serial Optional: HP Jetdirect external print servers
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME, Windows XP and DOS Optional (desktop/network): Netware, AppleTalk, UNIX (HP-UX; Solaris), OS/2, LANtastic, lpd via HP Jetdirect print servers
Highlights	Microsoft Windows and AutoCAD drives Optional colour upgrade kit Optional roll feed with integrated auto-cutter Tabletop design with optional stand
Ink	HP 40 ink cartridge (42 ml): black—51640A
Media	**Bond & Coated paper** HP Basic Bond paper, 24/36-inch, 150 ft—C7919A/21A HP Bright White Inkjet paper (bond), 24/36-inch, 150 ft—C6035A/36A HP Basic Coated, 24/36-inch, 150 ft—C8281A/82A HP Coated paper, 24/36-inch, 150 ft—C6019B/20B HP Matte Film, 24/36-inch, 120 ft—51642A/B **Technical paper & film** HP Matte Film, 24/36-inch, 120 ft—51642A/42B HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper, 24/36-inch, 150 ft—C3869A/68A HP Translucent Bond, 24/36-inch, 150 ft—C3860A/59A HP Vellum, 24/36-inch, 150 ft—C3862A/61A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

Graphics market
(graphic professionals and
design/advertising agencies—
1 to 3 people)

HP Designjet 500 (24/42 inches)—C7769B/C7770B

Print quality	Ultimate line and photo quality 1200 dpi x 600 dpi
Print times and speeds	D-size: 90 seconds (Line drawings/Fast mode) D-size: 3 minutes 54 seconds (Images/Fast mode)
Memory	16 MB RAM Maximum: 160 MB RAM (in combination with the HP-GL/2 accessory card)
Languages	Standard: HP PCL 3-GUI Optional: HP-GL/2, HP RTL via HP-GL/2 accessory card
Connectivity	Standard: IEEE 1284-compliant parallel, USB 1.1 (Windows 98, 2000 and XP only) Optional: HP Jetdirect 615n (EIO) internal print servers, HP-GL/2 accessory card
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME and Windows XP Optional (desktop/network): Windows (NT, 95, 98, 2000), NetWare, OS/2 Warp (v3.0, 4.0), lpd, Apple (System 7.0 and later, Ethertalk), Artisoft LANtastic (v7.0), IBM AIX (v3.2.5 and later), MPE/iX (v5.5)
Highlights	Lines as thin as 0.002 inches and an accuracy of ±0.2% Roll feed with integrated auto-cutter Printer stand and media bin (optional on the 24-inch model) Microsoft Windows and AutoCAD drivers
Ink	4 colour printer (C, M, Y, K) with separate high capacity ink cartridges and long-life printheads HP 10 ink cartridge (69 ml): black—C4844A HP 82 ink cartridges (69 ml): cyan/magenta/yellow—C4911A/12A/13A HP 11 printheads: black/cyan/magenta/yellow—C4810A/11A/12A/13A
Media	**Bond & Coated paper** HP Basic Bond paper, 24/36/42-inch, 150 ft—C7919A/21A/22A HP Bright White Inkjet paper (bond), 24/36-inch, 150 ft—C6035A/36A HP Coated paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B HP Basic Coated paper, 24/36-inch, 150 ft—C8281A/82A HP Heavyweight Coated paper, 24/42-inch, 100 ft—C6029C/C6569C HP Basic Heavyweight Coated paper, 24/36/42-inch, 100 ft—C7923A/24A/25A **Technical paper** HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper, 24/36-inch, 150 ft—C3869A/68A HP Vellum, 24/36-inch, 150 ft—C3862A/61A **Photographic paper** HP High-gloss Photo paper, 24/42-inch, 100 ft—C6033A/C6573A HP Semi-gloss Photo paper, 24/42-inch, 100 ft—C6031A/C6571A HP Basic Photo Satin, 24/36/42-inch, 100 ft—C8310A/11A/12A HP Productivity Photo Semi-gloss, 36/42-inch, 100 ft—Q1943A/44A HP Basic High-gloss Photo paper, 24/36/42-inch, 100 ft—C8315A/16A/17A HP Productivity Photo Gloss, 36/42-inch, 100 ft—Q1938A/39A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

BMW WilliamsF1 Team

HP is providing mission-critical computing for one of the world's fastest-moving enterprises—the BMW WilliamsF1 Team.

While the BMW WilliamsF1 Team car screams around the track at more than 200 miles per hour, HP technology—and HP support engineers—monitor hundreds of channels of data per second to ensure that the car performs to its maximum capacity.

The BMW WilliamsF1 Team car is designed, and thousands of race simulations are conducted, by a HP supercomputer. At the WilliamsF1 factory, HP systems run the latest computer-aided engineering software for race car chassis, suspension and engine design.

HP's support for the BMW WilliamsF1 Team's design and development work is not restricted to supercomputing. Each new car comprises several thousand components, and engineering master drawings are required for every one of these. Two HP Designjet 1050c large-format printers produce master drawings for the car being developed at the time and a third large-format printer, the HP Designjet 500ps, produces colour master prints of composite components and plots large-scale workflow diagrams, production and assembly plans, and Gantt charts.

Graphics market
(graphic professionals and
design/advertising agencies—
1 to 3 people)

HP Designjet 500ps (24/42 inches)—C7769C/C7770C

Print quality	Ultimate photo quality with accurate colours, smooth transitions and a wide colour gamut 1200 dpi x 600 dpi
Print times and speeds	D-size: 90 seconds (Line drawings/Fast mode) D-size: 3 minutes 54 seconds (Images/Fast mode)
Memory	16 MB RAM Maximum: 160 MB RAM (in combination with the HP-GL/2 accessory card)
Languages	Standard: HP PCL 3-GUI, PostScript® 3™ via software RIP Optional: HP-GL/2, HP RTL via HP-GL/2 accessory card
Connectivity	Standard: IEEE 1284-compliant parallel, USB 1.1 (Windows 98, 2000 and Mac OS only) Optional: HP Jetdirect 615n (EIO) internal print servers, HP-GL/2 accessory card
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME and Macintosh Optional (desktop/network): Windows (NT, 95, 98, 2000), NetWare, OS/2 Warp (v3.0, 4.0), lpd, Apple (System 7.0 and later, Ethertalk), Artisoft LANtastic (v7.0), IBM AIX (v3.2.5 and later), MPE/iX (v5.5)
Highlights	Adobe PostScript® 3™ software RIP for Mac and Windows plus Windows drivers Consistent colours using automatic closed-loop-colour calibration Apple ColorSync® compatible Offset press emulations (SWOP, Euroscale, TOYO, DIC and JMPA) ICC profiles for Macintosh and Windows PANTONE®[1] 2 certified Roll feed with integrated auto-cutter Printer stand and media bin (optional on the 24-inch model) Three portrait B+ images fit side by side on the 42-inch model
Ink	4 colour printer (C, M, Y, K) with separate high capacity ink cartridges and long-life printheads HP 10 ink cartridge (69 ml): black—C4844A HP 82 ink cartridges (69 ml): cyan/magenta/yellow—C4911A/12A/13A HP 11 printheads: black/cyan/magenta/yellow—C4810A/11A/12A/13A
Media	**Coated paper** HP Basic Bond paper, 24/36/42-inch, 150 ft—C7919A/21A/22A HP Bright White Inkjet paper (bond), 24/36-inch, 150 ft—C6035A/36A HP Coated paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B HP Basic Coated paper, 24/36-inch, 150 ft—C8281A/82A HP Heavyweight Coated paper, 24/42-inch, 100 ft—C6029C/C6569C HP Basic Heavyweight Coated paper, 24/36/42-inch, 100 ft—C7923A/24A/25A **Technical paper** HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper, 24/36-inch, 150 ft—C3869A/68A HP Vellum, 24/36-inch, 150 ft—C3862A/61A **Photographic paper** HP High-gloss Photo paper, 24/42-inch, 100 ft—C6033A/C6573A HP Semi-gloss Photo paper, 24/42-inch, 100 ft—C6031A/C6571A HP Basic Photo Satin, 24/36/42-inch, 100 ft—C8310A/11A/12A HP Productivity Photo Semi-gloss, 36/42-inch, 100 ft—Q1943A/44A HP Basic High-gloss Photo paper, 24/36/42-inch, 100 ft—C8315A/16A/17A HP Productivity Photo Gloss, 36/42-inch, 100 ft—Q1938A/39A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

[1] Pantone, Inc.'s check-standard trademark for colour.

Technical market
(architects, engineers and GIS
professionals—3 to 10 people)

HP Designjet 800 (24/42 inches)—C7779B/C7780C

Print quality	Ultimate line and photo quality 2400 dpi x 1200 dpi (on glossy media)
Print times and speeds	D-size: 60 seconds (Line drawings/Fast mode) D-size: 3 minutes 54 seconds (Images/Fast mode)
Memory	96 MB RAM and 6 GB hard disk Maximum: 160 MB RAM and 6 GB hard disk
Languages	Standard: HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRaster Plus)
Connectivity	Standard: IEEE 1284-compliant parallel (ECP), USB 1.1 (Windows 98, 2000 and XP only), HP Jetdirect 610n (EIO) 10/100Base-TX internal print server in EIO slot Optional: HP Jetdirect 615n (EIO) internal print servers
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME, Windows XP and UNIX Standard (network): Windows NT, Netware, UNIX (HP-UX, Solaris), Windows (95, 98, 2000, XP), OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE/iX (V5.5), lpd, Apple (System 7.0 and later, Ethertalk) and Artisoft LANtastic (v7.0)
Highlights	"Virtual computer" inside immediately frees up your own computer Queuing and nesting Lines as thin as 0.002 inches and an accuracy of ±0.2% Roll feed with integrated auto-cutter Printer stand and media bin (optional on the 24-inch model) Microsoft Windows and AutoCAD drivers TIFF and JPEG formats accepted from Windows NT, UNIX and Linux via supplied software
Ink	4 colour printer (C, M, Y, K) with separate high capacity ink cartridges and long-life printheads HP 10 ink cartridge (69 ml): black—C4844A HP 82 ink cartridges (69 ml): cyan/magenta/yellow—C4911A/12A/13A HP 11 printheads: black/cyan/magenta/yellow—C4810A/11A/12A/13A
Media	**Bond & Coated paper** HP Basic Bond paper, 24/36/42-inch, 150 ft—C7919A/21A/22A HP Bright White Inkjet Bond paper, 24/36-inch, 150 ft—C6035A/36A HP Coated paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B HP Basic Coated paper, 24/36-inch, 150 ft—C8281A/82A HP Heavyweight Coated paper, 24/42-inch, 100 ft—C6029C/C6569C HP Basic Heavyweight Coated paper, 24/36/42-inch, 100 ft—C7923A/24A/25A **Technical paper** HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper, 24/36-inch, 150 ft—C3869A/68A HP Vellum, 24/36-inch, 150 ft—C3862A/61A **Photographic paper** HP High-gloss Photo paper, 24/42-inch, 100 ft—C6033A/C6573A HP Semi-gloss Photo paper, 24/42-inch, 100 ft—C6031A/C6571A HP Basic Photo Satin, 24/36/42-inch, 100 ft—C8310A/11A/12A HP Productivity Photo Semi-gloss, 36/42-inch, 100 ft—Q1943A/44A HP Basic High-gloss Photo paper, 24/36/42-inch, 100 ft—C8315A/16A/17A HP Productivity Photo Gloss, 36/42-inch, 100 ft—Q1938A/39A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

Graphics market (POP, PSP)
For graphic professionals, advertising agencies and office workgroups (medium-size workgroups: 3 to 10 people)

HP Designjet 800ps (24/42 inches)—C7779C/C7780C

Print quality	Ultimate photo quality with accurate colours, smooth transitions and a wide colour gamut 2400 dpi x 1200 dpi (on glossy media)
Print times and speeds	D-size: 60 seconds (Line drawings/Fast mode, bond paper) D-size: 3 minutes 54 seconds (Images/Fast mode)
Memory	160 MB RAM and 6 GB hard disk Maximum: 160 MB RAM and 6 GB hard disk
Languages	Standard: Adobe PostScript® 3™, HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRaster Plus)
Connectivity	Standard: IEEE 1284-compliant parallel (ECP), USB 1.1 (Windows 98, 2000 and XP and Mac OS 8.5, 8.6, 9.0 only), HP Jetdirect 610n (EIO) 10/100Base-TX internal print server in EIO slot Optional: HP Jetdirect 615n (EIO) internal print servers
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME, Windows XP, Macintosh and UNIX Standard (network): Windows NT, Netware, UNIX (HP-UX, Solaris), Windows (95, 98, 2000, XP), OS/2 Warp (v3.0, 4.0), IBM AIX (v3.2.5 and later), MPE/iX (V5.5), lpd, Apple (System 7.0 and later, Ethertalk) and Artisoft LANtastic (v7.0)
Highlights	"Virtual computer" inside immediately frees up your own computer Queuing and nesting Embedded Adobe PostScript® 3™ RIP with drivers for Mac and Windows Consistent colours using automatic closed-loop colour calibration Apple ColorSync® compatible Offset press emulations (SWOP, Euroscale, TOYO, DIC and JMPA) ICC profiles for Macintosh and Windows Automatic PANTONE®[1] Calibration 69 ml ink cartridges and long-life printheads Roll feed with integrated auto-cutter Printer stand and media bin (optional on the 24-inch model) TIFF and JPEG formats accepted from Windows NT, UNIX and Linux via supplied software
Ink	4 colour printer (C, M, Y, K) with separate high capacity ink cartridges and long-life printheads HP 10 ink cartridge (69 ml): black—C4844A HP 82 ink cartridges (69 ml): cyan/magenta/yellow—C4911A/12A/13A HP 11 printheads: black/cyan/magenta/yellow—C4810A/11A/12A/13A
Media	**Bond & Coated paper** HP Basic Bond paper, 24/36/42-inch, 150 ft—C7919A/21A/22A HP Bright White Inkjet Bond paper, 24/36-inch, 150 ft—C6035A/36A HP Coated paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B HP Basic Coated paper, 24/36-inch, 150 ft—C8281A/82A HP Heavyweight Coated paper, 24/42-inch, 100 ft—C6029C/C6569C HP Basic Heavyweight Coated paper, 24/36/42-inch, 100 ft—C7923A/24A/25A **Technical paper** HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper, 24/36-inch, 150 ft—C3869A/68A HP Vellum, 24/36-inch, 150 ft—C3862A/61A **Photographic paper** HP High-gloss Photo paper, 24/42-inch, 100 ft—C6033A/C6573A HP Semi-gloss Photo paper, 24/42-inch, 100 ft—C6031A/C6571A HP Basic Photo Satin, 24/36/42-inch, 100 ft—C8310A/11A/12A HP Productivity Photo Semi-gloss, 36/42-inch, 100 ft—Q1943A/44A HP Basic High-gloss Photo paper, 24/36/42-inch, 100 ft—C8315A/16A/17A HP Productivity Photo Gloss, 36/42-inch, 100 ft—Q1938A/39A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

[1] Pantone, Inc.'s check-standard trademark for colour.

Technical market
(CAD, MCAD, AEC large
workgroup—more than 10 people)

(Left) HP Designjet 1050c plus (36 inches)—C6074B
(Right) HP Designjet 1050c plus (36 inches) with optional HP Multi-roll feeder—C6074B

Print quality	Ultimate line and photo quality True 600-dpi black and colour images Addressable 1200 dpi black lines
Print times and speeds	D-size: 45 seconds (Line drawings/Fast mode)[1] D-size: 85 seconds (Images/Fast mode)[1]
Memory	64 MB RAM Maximum: 256 MB RAM and optional 2 GB hard disk
Languages	Standard: HP-GL/2, HP-GL, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRaster Plus) Optional: Adobe PostScript® 3™
Connectivity	Standard: IEEE 1284-compliant bidirectional parallel, HP Jetdirect 610n internal print server for Ethernet 10/100Base-TX in EIO slot Optional: HP Jetdirect 610n print servers for Token Ring, 10Base2 and LocalTalk
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME, Windows XP, DOS, OS/2 and UNIX Standard (network): Windows NT, Netware, AppleTalk, UNIX (HP-UX, Solaris), Windows (95, 98, XP), OS/2, LANtastic and lpd Optional (desktop/network): Macintosh via PostScript upgrade or 3rd party RIP
Highlights	Revolutionary printheads with JetExpress technology for faster printing Up to 350 ml ink cartridges Up to 300 ft HP media rolls Dual paper-feed system for easier media loading Queuing, nesting, roll feed and auto-cutter Microsoft Windows and AutoCAD drivers TIFF and JPEG formats accepted from Windows NT, UNIX and Linux via supplied software Optional HP Multi-roll feeder
Ink	4 colour printer (C, M, Y, K) with separate high capacity 350 ml HP ink cartridges and long-life printheads HP 80 ink cartridges: cyan/magenta/yellow (175 ml)—C4872A/74A/73A HP 80 ink cartridges: black/cyan/magenta/yellow (350 ml)—C4871A/C4846A/47A/48A HP 80 printheads/cleaners: black/cyan/magenta/yellow—C4820A/21A/22A/23A HP 80 Value Pack: black/cyan/magenta/yellow—C4890A/91A/92A/93A
Media	**Bond & Coated paper** HP Basic Bond paper, 24/42-inch, 150 ft—C7919A/22A HP Bright White Inkjet Bond paper, 24-inch, 150 ft—C6035A HP Coated paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B HP Coated paper (extra long), 36-inch, 300 ft—C6980A HP Heavyweight Coated paper, 24/36-inch, 100 ft—C6029C/30C HP Basic Coated paper, 24-inch, 150 ft—C8281A HP Basic Heavyweight Coated paper, 24/36-inch, 100 ft—C7923A/24A **Technical paper** HP Matte Film, 24/36-inch, 120 ft—51642A/42B HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper**, 24/36-inch, 150 ft—C3869A/68A HP Translucent Bond, 24/36-inch, 150 ft—C3860A/59A HP Vellum, 24/36-inch, 150 ft—C3862A/61A **Photographic paper** HP Basic Photo Satin, 24/36-inch, 100 ft—C8310A/11A HP Productivity Photo Semi-gloss, 36-inch, 100 ft—Q1943A HP Basic High-gloss Photo paper, 24/36-inch, 100 ft—C8315A/16A HP Productivity Photo Gloss*, 36-inch, 100 ft—Q1938A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

*Not compatible when used with optional HP Multi-roll feeder.

** Line drawing only.

[1] Approximate mechanical printing speeds on HP Bright White Inkjet Paper for HP Designjet
ColorPro CAD/GA and HP Designjet 1050c/1055cm. On coated paper for other models.

Technical market (CAD, MCAD, AEC, newspaper proofing large workgroup—more than 10 people)	**(Left) HP Designjet 1055cm plus (36 inches)—C6075B** **(Right) HP Designjet 1055cm plus (36 inches) with optional HP Multi-roll feeder**

Print quality	Ultimate line and photo quality True 600-dpi black and colour images Addressable 1200-dpi black lines
Print times and speeds	D-size: 45 seconds (Line drawing/Fast mode)[1] D-size: 85 seconds (Images/Fast mode)[1]
Memory	64 MB RAM and 7.5 GB hard disk Maximum: 256 MB RAM and 7.5 GB hard disk
Languages	Standard: HP-GL/2, HP-GL, HP RTL, CALS G4, Adobe PostScript® 3™ (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRaster Plus)
Connectivity	Standard: IEEE 1284-compliant bidirectional parallel, HP Jetdirect 610n internal print server for Ethernet 10/100Base-TX in EIO slot
Operating system	Standard (desktop): Windows 9x, Windows NT, Windows 2000, Windows ME, Windows XP, DOS, OS/2, UNIX and Mac OS Standard (network): Windows NT, Netware, AppleTalk, UNIX (HP-UX, Solaris), Windows (95, 98, XP), OS/2, LANtastic and Ipd
Highlights	Revolutionary printheads with JetExpress technology for faster printing Up to 350 ml ink cartridges PANTONE®[2] certified Up to 300 ft HP media rolls Dual paper-feed system for easier media loading Queuing, nesting, roll feed and auto-cutter Microsoft Windows and AutoCAD drivers TIFF and JPEG formats accepted from Windows NT, UNIX and Linux via supplied software Adobe PostScrip® 3™ 7.5 GB HDD Optional HP Multi-roll feeder
Ink	4 colour printer (C, M, Y, K) with separate high capacity 350 ml HP ink cartridges and long-life printheads HP 80 ink cartridges: cyan/magenta/yellow (175 ml)—C4872A/74A/73A HP 80 ink cartridges: black/cyan/magenta/yellow (350 ml)—C4871A/C4846A/47A/48A HP 80 printheads/cleaners: black/cyan/magenta/yellow—C4820A/21A/22A/23A HP 80 Value Pack: black/cyan/magenta/yellow—C4890A/91A/92A/93A
Media	**Bond & Coated paper** HP Basic Bond paper, 24/42-inch, 150 ft—C7919A/22A HP Bright White Inkjet Bond paper, 24-inch, 150 ft—C6035A HP Coated paper, 24/36/42-inch, 150 ft—C6019B/20B/C6567B HP Coated paper (extra long), 36-inch, 300 ft—C6980A HP Heavyweight Coated paper, 24/36-inch, 100 ft—C6029C/30C HP Basic Coated paper, 24-inch, 150 ft—C8281A HP Basic Heavyweight Coated paper, 24/36-inch, 100 ft—C7923A/24A **Technical paper** HP Matte Film, 24/36-inch, 120 ft—51642A/42B HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Natural Tracing paper**, 24/36-inch, 150 ft—C3869A/68A HP Translucent Bond, 24/36-inch, 150 ft—C3860A/59A HP Vellum, 24/36-inch, 150 ft—C3862A/61A **Photographic paper** HP Basic Photo Satin, 24/36-inch, 100 ft—C8310A/11A HP Productivity Photo Semi-gloss, 36-inch, 100 ft—Q1943A HP Basic High-gloss Photo paper, 24/36-inch, 100 ft—C8315A/16A HP Productivity Photo Gloss*, 36-inch, 100 ft—Q1938A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

*Not compatible when used with optional HP Multi-roll feeder.

** Line drawing only.

[1] Approximate mechanical printing speeds on HP Bright White Inkjet Paper for HP Designjet ColorPro CAD/GA and HP Designjet 1050c/1055cm. On coated paper for other models.

[2] Pantone, Inc.'s check-standard trademark for colour.

The National Gallery

The National Gallery, London, houses arguably the world's greatest collection of Western European paintings. And the processes with which National Gallery scientists study and conserve the paintings is equally impressive – processes that rely on high technology.

Beauty fades

Careful climate control and velvet ropes cannot stop time's effects on an oil painting. Eventually, pigments will fade and varnishes discolour.
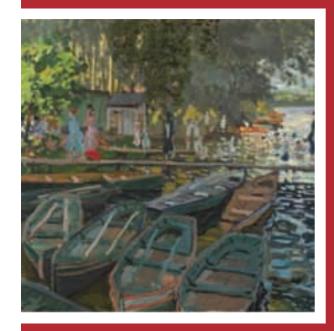
Old masters and new technology

The National Gallery trusts HP for the technological tools used in the conservation process. High-resolution digital images of originals are acquired and stored on HP servers, and large-format HP printers create accurate, life-sized reproductions of the painting. This technology allows the staff to examine the paintings and guides any needed conservation work.

Taking a masterpiece home

HP solutions are used in other projects, from digitising the National Gallery's entire catalogue of paintings to offering a print-on-demand service using HP Designjet 5500ps in the gift shop – so visitors can leave with their very own Titian or van Gogh.

To learn more about the paintings featured here, visit www.nationalgallery.org.uk.

NASA

Recognised for its combination of innovation, speed and relatively low downtime, the HP Designjet 5500 large-format printer is helping to enhance space exploration and to aid in developing topography information on our nearest neighbouring planet, Mars.

NASA is making use of HP Designjet 5500 large-format printers at its Jet Propulsion Laboratory in Pasadena to view high-resolution, colour photos of the planet's surface with vivid detail. With HP colour printing technology producing jumbo-sized print-outs, world-renowned scientists and engineers are able to see many of the highest-resolution images ever taken on the surface of another planet faster than ever before. The photos are taken by NASA's robotic rovers, known as Spirit and Opportunity, on the planet's surface, capturing 360-degree colour views on two different regions of the surface. The printed photos are displayed in a mosaic-like layout on a wall at the Jet Propulsion Laboratory site. One 39-foot long panorama provides a 360-degree, three-dimensional view of Spirit's landing site from the Gusev Crator on Mars. It takes less than an hour using HP Designjet 5500 large-format printers and other technology to share one complete image with project engineers, and eventually the general public. Previously, it would have taken a full day to build the final layout.

NASA Jet Propulsion Laboratory

Pasadena

Graphics & technical market (GIS professionals, print service provider, pre-press proofing)

HP Designjet 5500 (42/60-inches)—Q1251A/Q1253A

Print quality	Ultimate photo quality with smooth transitions and a wide colour gamut with HP Color Layering Technology Automatic closed-loop colour calibration, 1200 dpi x 600 dpi (on glossy media)
Print times and speeds	New production print mode: 100 ft^2/hr (glossy media) and 189 ft^2/hr (coated media) Maximum quality: 60 ft^2/hr (glossy media) and 100 ft^2/hr (coated media) Maximum speed: 147 ft^2/hr (glossy media) and 569 ft^2/hr (coated media)
Memory	128 MB RAM Maximum: 256 MB RAM with optional 128 MB RAM
Languages	Standard: TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL
Connectivity	Standard: HP Jetdirect 615n 10/100 Base-TX print server, supporting TCP/IP (including LPR and IPP), AppleTalk, DLC/LLC and IPX/SPX protocols, Centronics parallel port, IEEE 1284-compliant
Operating system	Standard (desktop): Microsoft Windows 95, 98, NT 4.0, 2000 and XP; AutoCAD driver (2000, R 13, 14 for Windows) and ZEHRaster Plus (Unix® for processing TIFF and JPEG files); HP embedded webserver file submitter supports Unix and amp, and Linux
Highlights	New production print modes for extra fast print speed without compromising print quality New driverless printing workflow with direct PDF, TIFF and JPEG printing path Ultra-fast network transmission at 4.5 MB/sec New time-saving internal file management with 40 GB hard disk Supports new HP Productivity category media such as instant dry-time glossy* or semi-glossy*, immediate lamination and 225-foot heavy-weight coated media rolls*. RIP-ready for use with an array of external RIPs and GIS applications Optional UV upgrade kits for UV printing
Ink	6 colour printer (C, M, Y, K, lc, lm) with separate high capacity 680 ml ink cartridges and long-life printheads HP 81 dye ink cartridges (680 ml): black/cyan/magenta/yellow/light cyan/light magenta—C4930A/31A/32A/33A/34A/35A HP 83 UV ink cartridges (680 ml): black/cyan/magenta/yellow/light cyan/light magenta—C4940A/41A/42A/43A/44A/45A HP 81 printheads/cleaners: black/cyan/magenta/yellow/light cyan/light magenta—C4950A/51A/52A/53A/54A/55A HP 83 printheads/cleaners: black/cyan/magenta/yellow/light cyan/light magenta—C4960A/61A/62A/63A/64A/65A HP 81 Value Pack: black/cyan/magenta/yellow/light cyan/light magenta—C4990A/91A/92A/93A/94A/95A HP 83 Value Pack: black/cyan/magenta/yellow/light cyan/light magenta—C5000A/01A/02A/03A/04A/05A
Media	**Bond & Coated paper** HP Basic Coated paper, 24/36/54/60-inch, 150 ft—C8281A/82A/84A/85A HP Coated paper, 36-inch, 300 ft—C6980A HP Basic Heavyweight Coated paper, 24/36/42/54/60-inch, 100 ft—C7923A/24A/25A/26A/27A HP Heavyweight Coated paper, 42/60-inch, 225 ft—Q1956A/57A **Technical paper** HP Vellum, 24/36-inch, 150 ft—C3862A/61A HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Translucent Bond, 24/36-inch, 150 ft—C3860A/59A **Photographic paper** HP Basic Photo Satin, 24/36/42/54/60-inch, 100 ft—C8310A/11A/12A/13A/14A HP Productivity Photo Semi-gloss, 36/42/54/60-inch, 100 ft—Q1943a/44A/45A/46A HP Basic High Gloss Photo paper, 24/36/42/54/60-inch, 100 ft—C8315A/16A/17A/18A/19A HP Productivity Photo Gloss, 36/42/54/60-inch, 100 ft—Q1938A/39A/40A/41A HP Proofing Paper RC Satin, 36/54-inch, 75 ft—C7952A/53A **Durable printing material** HP Colorlucent Backlit UV, 36/54/60-inch, 100 ft—C6778A/79A80A HP Studio Canvas, 36/54-inch, 35 ft—C6771A/73A HP Canvas Matte, 24/36/42/54-inch, 35 ft—C7966A/67A/68A/69A HP Banners with Tyvek®, 36/54-inch, 50 ft—C6787A/89A HP Scrim Banner, 36/42/54/60-inch, 50 ft—Q1898A/99A/Q1901A/02A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

*Please check with your local Hewlett-Packard offices for availability.

Graphics & Technical market
(GIS professionals, print service
provider, pre-press proofing)

HP Designjet 5500ps (42/60-inches)—Q1252A/Q1254A

Print quality	Ultimate photo quality with smooth transitions and a wide colour gamut with HP Color Layering Technology Automatic closed-loop colour calibration, Pantone® colour matching capability and multiple press emulations (SWOP, Euroscale, TOYO, DIC and JMPA) for accurate and consistent colours; 1200 dpi x 600 dpi (on glossy media)
Print times and speeds	New production print mode: 100 ft²/hr (glossy media) and 189 ft²/hr (coated media) Maximum quality: 60 ft²/hr (glossy media) and 100 ft²/hr (coated media) Maximum speed: 147 ft²/hr (glossy media) and 569 ft²/hr (coated media)
Memory	256 MB RAM
Languages	Standard: Adobe PDF 1.3, Adobe PostScript® 3™, TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL
Connectivity	Standard: HP Jetdirect 615n 10/100 Base-TX print server, supporting TCP/IP (including LPR and IPP), AppleTalk, DLC/LLC and IPX/SPX protocols, Centronics parallel port, IEEE 1284-compliant
Operating system	Standard (desktop): Microsoft Windows 95, 98, NT 4.0, 2000 and XP; AutoCAD driver (2000, R 13, 14 for Windows) and ZEHRaster Plus (Unix® for processing TIFF and JPEG files); HP embedded webserver file submitter supports Unix and amp, and Linux
Highlights	New production print modes for extra fast print speed New driverless printing workflow with direct PDF, TIFF and JPEG printing path Ultra-fast network transmission at 4.5 MB/sec New time-saving internal file management with 40 GB hard disk Supports new HP productivity category media such as instant dry-time glossy* or semi-glossy*, immediate lamination and 225-foot heavy-weight coated media rolls*. Comes with Adobe PDF 1.3 and Adobe PostScript® 3™ built in RIP Provides PANTONE® colour matching for spot or process colours and closed loop calibration for colour consistency, print after print Optional UV kits for UV printing
Ink	6 colour printer (C, M, Y, K, lc, lm) with separate high capacity 680 ml ink cartridges and long-life printheads HP 81 dye ink cartridges (680 ml): black/cyan/magenta/yellow/light cyan/light magenta—C4930A/31A/32A/33A/34A/35A HP 83 UV ink cartridges (680 ml): black/cyan/magenta/yellow/light cyan/light magenta—C4940A/41A/42A/43A/44A/45A HP 81 printheads/cleaners: black/cyan/magenta/yellow/light cyan/light magenta—C4950A/51A/52A/53A/54A/55A HP 83 printheads/cleaners: black/cyan/magenta/yellow/light cyan/light magenta—C4960A/61A/62A/63A/64A/65A HP 81 Value Pack: black/cyan/magenta/yellow/light cyan/light magenta—C4990A/91A/92A/93A/94A/95A HP 83 Value Pack: black/cyan/magenta/yellow/light cyan/light magenta—C5000A/01A/02A/03A/04A/05A
Media	**Bond & Coated paper** HP Basic Coated paper, 24/36/54/60-inch, 150 ft—C8281A/82A/84A/85A HP Coated paper, 36-inch, 300 ft—C6980A HP Basic Heavyweight Coated paper, 24/36/42/54/60-inch, 100 ft—C7923A/24A/25A/26A/27A HP Heavyweight Coated paper, 42/60-inch, 225 ft—Q1956A/57A **Technical paper** HP Vellum, 24/36-inch, 150 ft—C3862A/61A HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Translucent Bond, 24/36-inch, 150 ft—C3860A/59A **Photographic paper** HP Basic Photo Satin, 24/36/42/54/60-inch, 100 ft—C8310A/11A/12A/13A/14A HP Productivity Photo Semi-gloss, 36/42/54/60-inch, 100 ft—Q1943a/44A/45A/46A HP Basic High Gloss Photo paper, 24/36/42/54/60-inch, 100 ft—C8315A/16A/17A/18A/19A HP Productivity Photo Gloss, 36/42/54/60-inch, 100 ft—Q1938A/39A/40A/41A HP Proofing Paper RC Satin, 36/54-inch, 75 ft—C7952A/53A **Durable printing material** HP Colorlucent Backlit UV, 36/54/60-inch, 100 ft—C6778A/79A80A HP Studio Canvas, 36/54-inch, 35 ft—C6771A/73A HP Canvas Matte, 24/36/42/54-inch, 35 ft—C7966A/67A/68A/69A HP Banners with Tyvek®, 36/54-inch, 50 ft—C6787A/89A HP Scrim Banner, 36/42/54/60-inch, 50 ft—Q1898A/99A/Q1901A/02A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

HP Designjet 815mfp (42 inches)—Q1279A

Print	Scan or print at a resolution of 2400 x 1200 dpi (enhanced) up to 42 inches wide HP Color Layering Technology and automatic closed-loop colour calibration; Line accuracy—±0.2%
Print times and speeds	Economic quality (colour) 7.9 m²/h (85 ft²/h); Normal quality 3.3 m²/h (36 ft²/h); Photo quality 2 m²/h (21 ft²/h)
Scan times and speeds	Colour: 3.8 cm/sec (1.5-inch/sec); Black and white: 7.6 cm/sec (3-inch/sec)
Scan quality	Double tri-linear colour (CDS, 21360 pixels RGB triplets); 36 bits of data capture; all-digital cameras Line accuracy—±0.15%; Resolution—optical: 424 dpi; enhanced: 2400dpi; Scan file format—PDF, TIFF, JPEG, CALSG4
Copy feature	Auto-alignment option with nesting and parelling capabilities; Reduce & enlarge images (I + 10 000%) Integrated accounting features allows tracking of copy activities
Memory	Standard: 256 MB RAM; 6 GB for printed jobs (in the printer); 14 GB for scanned jobs (in the control panel)
Languages	Adobe PostScript® 3™, HP-GL/2, HP RTL, CALS G4
Connectivity	External I/O ports—1 Centronics parallel IEEE 1284-compliant (ECP), 1 HP Jetdirect 615n (EIO) 10/100Base-TX, 1 Fast Ethernet 10/100Base-TX network card for scan to file Connectivity, Std Printer—Centronics parallel IEEE 1284-compliant (ECP), HP Jetdirect 615n EIO internal print server for Fast Ethernet 10/100Base-TX; scanner: additional Fast Ethernet 10/100Base-TX network card
Operating system	Printer: Microsoft® Windows® (95, 98, Me, NT 4.0, 2000, XP), Mac OS 9.X, Mac OS X, ZEHRaster for UNIX®; Scanner: Microsoft Windows (95, 98, Me, NT 4.0, 2000, XP) through Windows domain or FTP service, Mac OS 9.X and Mac OS X through FTP service, UNIX/Linux through FTP service
Highlights	Remote print to other HP Designjet large-format printers via network. Complete standalone solution—Fully operable from panel PC, Access scan, copy and print functions straight from graphical touch-screen display and keyboard. Scan directly to CD via CD writer (8x 8x 32x) built into the panel PC, Scan direct to file or network using intuitive software. Bigger hard disk space for faster processing and bigger storage (6 GB—printer, 14 GB—control panel) Advance image enhancement features—improve originals through colour connection and 2D-filters for colour sharpening images softening and blurring (dual 2D-adaptive image enhancement technology)
Ink	4 colours multifunctional printer (C, M, Y, K) with separate high capacity and long-life print heads; HP 10 ink cartridge (69 ml): black—C4844A HP 82 ink cartridges (69 ml): cyan/magenta/yellow—C4911A/12A/13A; HP 11 printheads: black/cyan/magenta/yellow C4810A/11A/12A/13A
Media	**Bond & coated paper** HP Basic Coated paper, 24/36/54/60-inch, 150 ft—C8281A/82A/84A/85A HP Coated paper, 24/36/42/54-inch, 150 ft—C6019B/20B/C6567B/68B HP Basic Heavyweight Coated paper, 24/36/42/54/60-inch, 100 ft—C7923A/24A/25A/26A/27A HP Heavyweight Coated paper, 24/36/42/54/60-inch, 100 ft—C6029C/30C/C6569C/70C/C6977C **Technical paper** HP Vellum, 24/36-inch, 150 ft—C3862A/61A HP Clear Film, 24/36-inch, 75 ft—C3876A/75A HP Matte Film, 24/36-inch, 120 ft—51642A/51642B HP Natural Tracing, 24/36-inch, 150 ft—C3869A/68A **Photographic paper** HP Basic Photo Satin, 24/36/42/54/60-inch, 100 ft—C8310A/11A/12A/13A/14A HP Productivity Photo Semi-gloss, 36/42/54/60-inch, 100 ft—Q1943a/44A/45A/46A HP Basic High Gloss Photo paper, 24/36/42/54/60-inch, 100 ft—C8315A/16A/17A/18A/19A HP Productivity Photo Gloss, 36/42/54/60-inch, 100 ft—Q1938A/39A/40A/41A HP Proofing Paper RC Satin, 36/54-inch, 75 ft—C7952A/53A **Durable printing material** HP Colorlucent Backlit UV, 36/54/60-inch, 100 ft—C6778A/79A/80A HP Studio Canvas, 36/54-inch, 35 ft—C6771A/73A HP Canvas Matte, 24/36/42/54-inch, 35 ft—C7966A/67A/68A/69A HP Banners with Tyvek®, 36/54-inch, 50 ft—C6787A/89A HP Scrim Banner, 36/42/54/60-inch, 50 ft—Q1898A/99A/Q1901A/02A
Warranty	One-year Warranty might vary across different countries, please check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.

HP Designjet scanner 4200—Q1280A

Technology	Double tri-linear colour CCDS; 21360 pixels (RGB triplets); 36 bits of data capture; all-digital cameras
Resolution	Optical: 424 dpi; enhanced: 2400 dpi
Scanning images digital processing	Dual 2D-adaptive enhancement, dual 2D-adaptive gray, ADL+ error diffusion halftoning, 2D-sharpening, 2D-softening and 2D-blur filter; 2D-adaptive thresholding
Scan speeds	Colour: 3.8 cm/sec (1.5-inch/sec) Black and white: 7.6 cm/sec (3-inch/sec)
Scan modes/format	24-bit colour, 8-bit gray tone, copy modes with gray shades, 1-bit black-and-white, black-and-white dual 2D-adaptive modes Scan file formats: PDF, TIFF, JPEG, CALSG4
Line accuracy	±0.15%
Reduce/Enlarge	1 to 10 000%
Memory	Standard: 256 MB RAM Hard disk capacity: 14 GB for scanned jobs (in the control panel)
Media	Media width: 43-inch Max scan width: 42-inch Max media thickness: 15 mm (0.6-inch)
User interface	Touch-screen and keyboard Front panel/control panel: print/scan/copy operation controlled through an easy-to-use LCD colour touch-screen and intuitive software. CD drive type: CDRW (8x 8x 32x)
Operating system	Compatible network operating system: NDPS (TCP/IP); Microsoft® Windows® 95, 98; (TCP/IP); Microsoft Windows NT® 4.0, XP; (TCP/IP); Microsoft Windows 2000; IBM OS/2 WARP v. 3.0, 4.0; (TCP/IP); HP-UX v. 10.X, 11.X; Sun Solaris 2.5X, 2.6; IBM AIX v. 3.2.5 and later; MPE-IX v. 5.5 (TCP/IP); Mac OS 9.X and X (TCP/IP)
Connectivity	Software included: system recovery software for the scanning system including HP Macroinstaller with Microsoft Windows drivers for HP Designjet 500, HP Designjet 800, HP Designjet 1000 plus, HP Designjet 5000 and HP Designjet 5500 series printers Drivers included: Microsoft Windows drivers for HP Designjet 500, HP Designjet 800, HP Designjet 1000 plus, HP Designjet 5000 and HP Designjet 5500 series printers Interface: Fast Ethernet 10/100 Base-TX network card
Highlights	Scan directly to CD via CD writer (8x 8x 32x) built into the panel PC Scan direct to file or network using intuitive software Fully operable from graphical touch screen display and keyboard Access scan, copy and print functions straight from the graphical touch-screen display and keyboard Accounting: Tracking your output by using the integrated accounting features Integrates seamlessly with HP Designjet large-format printers on your network to deliver large-format scan, copy & print capability
Dimensions and Weight	Volume (w x h x d): 2029 x 770 x 1250 mm (79.8 x 30 x 49 inches) Weight: 95.5 kg (210.5 lb)
Warranty	One-year, next-business-day, on-site warranty Warranty varies according to countries. Please check with your Hewlett-Packard sales offices or your nearest HP authorised dealer for details.

HP Designjet online (www.designjet.hp.com)

HP Designjet Online is where you can find all the services and resources you need to ensure the best performance for your HP Designjet products and solutions.

Take a look at how HP Designjet Online can benefit you and your business:

Stay up to date—downloads
You can get personalised e-mails about new downloads and services

Need expert help?—technical support
An expert is available to answer any questions you want to ask about usage of your HP Designjet products

Let's keep in touch—newsletter
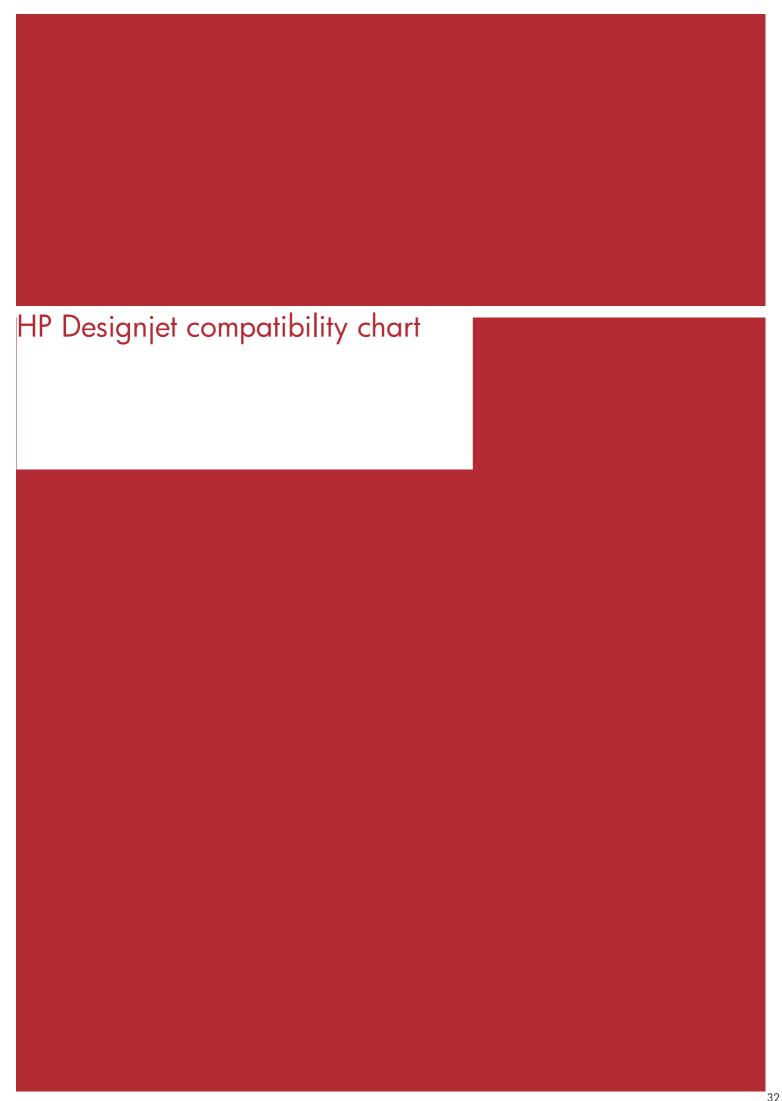The latest personalised info—drivers & firmware, supplies, tips & tricks, success stories, all in the HP Designjet Online newsletter

Peace of mind—warranty watch
Get your warranty and support coverage information for all your HP Designjet products at the click of a button

To find out more about HP Designjet solutions, visit us at www.designjet.hp.com

HP Designjet compatibility chart

HP Designjet
Compatibility chart

Column headers (HP Designjet large-format printers): HP Designjet 5500/5500ps (Dye), HP Designjet 5500/5500ps (UV), HP Designjet 5000/5000ps (Dye), HP Designjet 5000/5000ps (UV), HP Designjet 3800ca/3500ca/2000cp (Dye), HP Designjet 3800ca/3500ca/2000cp (UV), HP Designjet 2800cp/2500cp/2000cp (Dye), HP Designjet 2800cp/2500cp/2000cp (UV), HP Designjet 1055cn/1055cm/1050c plus/1050cm plus, HP Designjet 800/800ps/815mfp/copier cc800ps, HP Designjet 750c/750c plus/755cm, HP Designjet 700, HP Designjet 650c/ps, HP Designjet 650, HP Designjet 500/500ps, HP Designjet 488ca/450c/455ca/230c, HP Designjet 430/330, HP Designjet 130/130nr NEW, HP Designjet 30/30n NEW, HP Designjet 120/120nr, HP Designjet 100/100plus NEW, HP Designjet 10ps/20ps/50ps (13"×19"), HP Designjet Colorpro CAD (13"×19"), HP Designjet Colorpro GA (13"×19")

Non-HP large-format printers: ENCAD Novajet 800 Series, ENCAD Novajet 700/750, ENCAD Novajet 600e/630, ENCAD Novajet 500e/PROe, Epson Stylus PRO 10000, Epson Stylus PRO 10000CF, Epson Stylus PRO 9500, Epson Stylus PRO 9000, Epson Stylus PRO 7500, Epson Stylus PRO 7000, Roland Hi-Fi Jet/Hi-Fi Jet Pro, Colorspan, Colorspan DMXI, Mutoh RJ 6000/Falcon

Applications: Tradeshow and Event Displays, Backlit Displays, Posters and Presentations, Pop and Retail Displays, Photo Enlargements, Textiles (Fabric Printing), Proofing, Art Reproduction, Banners, Geographic Information Systems (GIS), Architecture (AEC) and Engineering (CAD)

Width columns: 24"/610mm, 36"/914mm, 42"/1067mm, 50"/1270mm, 54"/1372mm, 60"/1524mm, A3+/13×19" 330×483 mm, A2+/18×24" 457×610 mm, A1+/24×36" 610×914 mm

Product	24" 610mm	36" 914mm	42" 1067mm	50" 1270mm	54" 1372mm	60" 1524mm	A3+/13×19"	A2+/18×24"	A1+/24×36"
HP Bond & Coated paper									
HP Universal Bond									
80 g/m² (4.2 mil) • 150 ft (45.7 m)	Q1396A	Q1397A	Q1398A						
HP Bright White Inkjet Bond Paper									
90 g/m² (4.8 mil) • 150 ft (45.7 m)	C6035A	C6036A							
90 g/m² (4.8 mil) • 300 ft (91.4 m)		C6810A							
HP Universal Coated Paper									
95 g/m² (4.9 mil) • 150 ft (45.7 m)	Q1404A	Q1405A	Q1406A	Q5468A	Q1407A	Q1408A			
HP Coated Paper									
96 g/m² (4.5 mil) • 150 ft (45.7 m)	C6019B	C6020B	C6567B		C6568B				
96 g/m² (4.5 mil) • 300 ft (91.5 m)		C6980A							
90 g/m² (4.5 mil) • 100 sheets SMP							Q1961A	Q1962A	
HP Universal Heavyweight Coated Paper									
120 g/m² (6.1 mil) • 100 ft (30.5 m)	Q1412A	Q1413A	Q1414A	Q5470A	Q1415A	Q1416A			
HP Heavyweight Coated Paper									
131 g/m² (6.4 mil) • 100 ft (30.5 m)	C6029C	C6030C	C6569C		C6570C	C6977C			
131 g/m² (6.4 mil) • 225 ft (67.5 m)			Q1956A			Q1957A			
HP Photographic paper									
HP Universal Instant-Dry Photo Gloss									
190 g/m² (7.4 mil) • 100 ft (30.5 m)	Q6574A NEW	Q6575A NEW	Q6576A NEW	Q6577A NEW		Q6578A NEW			
HP Universal Instant-Dry Photo Semi-Gloss									
190 g/m² (7.4 mil) • 100 ft (30.5 m)	Q6579A NEW	Q6580A NEW	Q6581A NEW	Q6582A NEW		Q6583A NEW			
HP Universal High-Gloss Photo Paper									
190 g/m² (6.6 mil) • 100 ft (30.5 m)	Q1426A	Q1427A	Q1428A	Q5464A	Q1429A	Q1430A			
HP Universal Photo Semi-Gloss									
190 g/m² (6.6 mil) • 100 ft (30.5 m)	Q1420A	Q1421A	Q1422A	Q5466A	Q1423A	Q1424A			
HP Productivity Photo Gloss									
244 g/m² (9.1 mil) • 100 ft (30.5 m)		Q1938A	Q1939A		Q1940A	Q1941A			
HP Productivity Photo Semi-Gloss									
244 g/m² (9.1 mil) • 100 ft (30.5 m)		Q1943A	Q1944A		Q1945A	Q1946A			
HP Photo Imaging Gloss									
189 g/m² (7.2 mil) • 100 ft (30.5 m)		C6963A	C6964A			C6965A			
HP Photo Imaging Satin									
183 g/m² (7.2 mil) • 100 ft (30.5 m)		C6959A	C6960A			C6961A			
HP High-Gloss Photo Paper (CP/800/500 series)									
179 g/m² (6.5 mil) • 100 ft (30.5 m)	C6033A	C6034A	C6573A		C6574A				
HP Semi-Gloss Photo Paper (CP/800/500 series)									
179 g/m² (6.5 mil) • 100 ft (30.5 m)	C6031A	C6032A	C6571A		C6572A				
HP High-Gloss Photo Paper (700/400 series)									
158 g/m² (6 mil) • 100 ft (30.5 m)	C3882A	C3881A							
HP Photo Paper RC Matte SMP									
200 g/m² (8.3 mil) • 100 ft (30.5 m)		C7946A²			C7947A²				
HP Premium Plus Photo and Proofing Gloss									
286 g/m² (11.3 mil) • 50 ft/15.25 m (24") •	Q5488A NEW								
13" × 19" (25 sheets) • 18" × 24" (20 sheets)							Q5486A NEW	Q5487A NEW	
HP Premium Plus Photo Satin									
286 g/m² (11.3 mil) • 50 ft/15.25 m (24") •	Q5491A NEW								
13" × 19" (25 sheets) • 18" × 24" (20 sheets)							Q5489A NEW	Q5490A NEW	
HP Photo Matte									
196 g/m² (9.2 mil) • 50 sheets							Q5492A NEW		
HP Proofing paper									
HP Proofing Gloss SMP									
173 g/m² (6.3 mil) • 20 sheets									Q5524A
173 g/m² (6.3 mil) • 50 sheets • 100 ft/30.5 m (24")	Q1965A						Q1970A²	Q1963A	Q1964A
HP Proofing Semi-Gloss SMP									
150 g/m² (6.7 mil) • 50 sheets • 100 ft/30.5 m (24")	Q1966A						C7884A²		
HP Proofing Matte SMP									
146 g/m² (7 mil) • 100 sheets • 100 ft/30.5 m (24")	Q1968A						Q1967A²		
HP Proofing Paper RC Satin SMP									
200g/m² (7.7 mil) • 75 ft (22.9 m)		C7952A²			C7953A²				
HP Premium Plus Photo and Proofing Gloss									
286 g/m² (11.3 mil) • 50 ft/15.25 m (24") •	Q5488A NEW								
13" × 19" (25 sheets) • 18" × 24" (20 sheets)							Q5486A NEW	Q5487A NEW	
HP Premium Plus Photo Satin									
286 g/m² (11.3 mil) • 50 ft/15.25 m (24") •	Q5491A NEW								
13" × 19" (25 sheets) • 18" × 24" (20 sheets)							Q5489A NEW	Q5490A NEW	
HP Photo Matte									
196 g/m² (9.2 mil) • 50 sheets							Q5492A NEW		

Legend: NEW New. SMP SMP channel products. ● Compatible. ○ Line drawing. ●* Not compatible when used with the optional HP Multi-Roll feeder. ¹Compatible with roll-feed option only. ²Product not available in Japan. •*Not compatible with Q6575A and Q6576A. •#Not compatible with Q6580A, Q6581A, Q6582A and Q6583A.

HP Designjet
Compatibility chart

Ordering Information
Available printing material widths are not compatible with all printers; please check the compatibility of the printing material with your printer before purchase.

Printer / application columns (left to right):
HP Designjet large-format printers — HP Designjet 5500/5500ps (Dye) · 5500/5500ps (UV) · 5000/5000ps (Dye) · 5000/5000ps (UV) · 3800cp/3500cp/3000cp (Dye) · 3800cp/3500cp/3000cp (UV) · 2800cp/2500cp/2000cp (Dye) · 2800cp/2500cp/2000cp (UV) · 1055cm/1055cm plus / 1050c plus/1050cm plus · 800/800ps/815mfp/copier cc800ps · 750c/750c plus/755cm · 700 · 650c/ps · 600 · 500/500ps · 488ca/450c/455ca/350c · 430/330 · 130/130nr **NEW** · 30/30n **NEW** · 120/120nr · 100/100plus **NEW** · 10ps/20ps/50ps (13"x19") · Colorpro CAD (13"x19") · Colorpro GA (13"x19");
Non-HP large-format printers — ENCAD Novajet 800 Series · Novajet 700/750 · Novajet 600e/630 · Novajet 500e/PROe · Epson Stylus PRO 10000 · 10000CF · 9500 · 9000 · 7500 · 7000 · Roland Hi-Fi Jet/Hi-Fi Jet Pro · Colorspan · Colorspan DMXi · Mutoh RJ-6000/Falcon;
Applications — Tradeshow and Event Displays · Backlit Displays · Posters and Presentations · Pop and Retail Displays · Photo Enlargements · Textiles (Fabric Printing) · Proofing · Art Reproduction · Banners · Geographic Information Systems (GIS) · Architecture (AEC) and Engineering (CAD).

HP durable printing material (UV ink compatible or dye-ink rugged)

Material	24" 610mm	36" 914mm	42" 1067mm	54" 1372mm	60" 1524mm
HP Durable Image Gloss UV					
200 g/m² (8.1 mil) • 75 ft/22.9 m (36") &		C6794A			
• 90 ft/28 m (54" & 60")				C6795A	C6796A
HP Opaque SCRIM [SMP]					
496 g/m² (15.3 mil) • 50 ft (15 m)		Q1898B¹	Q1899B¹	Q1901B¹	Q1902B¹
HP Banners with Tyvek®					
140 g/m² (10 mil) • 50 ft (15 m)		C6787A²		C6789A²	
HP Canvas Paper 180 gram [SMP]					
180 g/m² (10.2 mil) • 35 ft (10.7 m)		Q1724A²			
HP Canvas Matte [SMP]					
340 g/m² (17.5 mil) • 35 ft (10.7 m)	C7966A¹	C7967A²	C7968A²	Q1696A²	
HP Studio Canvas					
368 g/m² (22 mil) • 35 ft (10.7 m)		C6771A		C6773A	
HP Backlit Film Reverse Print Matte [SMP]					
160 g/m² (5 mil)• 75 ft (22.9 m)		C7960A²		C7961A²	C7962A²
HP Colorlucent Backlit UV					
205 g/m² (6 mil) • 100 ft (30.5 m)		C6778A		C6779A	C6780A
HP Two-View Cling [SMP]					
240 g/m² (9.1 mil) • 75 ft (22.9 m)		Q1914A²	Q1915A²		
HP Polypropylene Matte [SMP]					
130 g/m² (7.5 mil) • 75 ft (22.9 m)		Q1903A²	Q1904A²	Q1906A²	Q1907A²
HP Polypropylene Matte—Adhesive Backed [SMP]					
with backing 200 g/m² (10.6 mil) • 70 ft (21 m)		Q1908A²			
HP Colorfast Adhesive Vinyl					
328 g/m² (6.2 mil) • 40 ft (12.2 m)		C6775A		C6777A	
HP Paper-backed Fabric Viscose [SMP]					
no backing 230 g/m² (21 mil) • 33 ft (10 m)		Q1918A²	Q1919A²	Q1920A²	
with backing 305 g/m² (23.6 mil) • 33 ft (10 m)		Q1918A²	Q1919A²	Q1920A²	

HP Technical paper/film

Material	24" 610mm	36" 914mm	42" 1067mm	54" 1372mm	60" 1524mm
HP Heavyweight Inkjet Paper					
130 g/m² (6.3 mil) • 100 ft (30.5 m)		51648E			
HP Special Inkjet Paper					
90 g/m² (4.3 mil) • 150 ft (45.7 m)	51631D	51631E			
HP Natural Tracing Paper					
90 g/m² (3 mil) • 150 ft (45.7 m)	C3869A	C3868A			
HP Translucent Bond					
67 g/m² (3 mil) • 150 ft (45.7 m)	C3860A	C3859A			
HP Vellum					
75 g/m² (3.3 mil) • 150 ft (45.7 m)	C3862A	C3861A			
HP Clear Film					
174 g/m² (4 mil) • 75 ft (22.9 m)	C3876A	C3875A			
HP High-Gloss White Film					
165 g/m² (4.7 mil) • 70 ft (21.3 m)	C3886A	C3885A			
HP Matte Film					
160 g/m² (5 mil) • 125 ft (38.1 m)	51642A	51642B			
HP Polyester Film White Matte [SMP]					
185 g/m² (6.5 mil) • 50 ft (15 m)		Q1736A²		Q1737A²	Q1738A²

Japan only HP printing material

Material	36" 914mm	54" 1372mm
HP Yupo Synthetic Paper (other specialty)		
81.5 g/m² (4.7 mil) • 100 ft (30.5 m)	Q1432A	Q1434A
HP Premium Fire Retardant Cloth (other specialty)		
230 g/m² (14 mil) • 66.6 ft (20 m)	Q1435A	Q1437A

Japan only HP printing material (special size)

Material	A2/16.54 x 150 417mm x 46 in	A1/23.39 x 150 609mm x 46 in	A0/33.11 x 150 841mm x 46 in
HP Natural Tracing Paper (Technical)			
90 g/m² (3 mil) • 150 ft (45.7 m)	Q1440A	Q1439A	Q1438A
HP Coated Paper (Technical)			
98 g/m² (4.5 mil) • 150 ft (45.7 m)	Q1443A	Q1442A	Q1441A
HP Bright White Inkjet Bond Paper (Bond & Coated)			
90 g/m² (4.7 mil) • 150 ft (45.7 m)	Q1446A	Q1445A	Q1444A

Legend: [SMP] SMP channel products. • Compatible. ○ Line drawing. •' Not compatible when used with the optional HP Multi-Roll feeder. ¹Compatible with roll-feed option only. ²Product not available in Japan.

For more information, visit: www.designjet.hp.com/supplies

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HP Designjet ink supplies

HP Designjet Ink cartridges	Part number	cp series	colorpro series	10ps (13" x 19")	20ps (13" x 19")	30 series	50ps (13" x 19")	100 series	120 series	130 series	200 series	400 series	500 series	600 series	700 series	800 series	815mfp	Copier cc800ps	1000 series	5000/5500 series
HP 10 Black (69 ml)	C4844A		●					●					●			●	●	●		
HP 10 Cyan (28 ml)	C4841A		●																	
HP 10 Magenta (28 ml)	C4843A		●																	
HP 10 Yellow (28 ml)	C4842A		●																	
HP 11 Cyan (28 ml)	C4836A			●	●		●	●	●											
HP 11 Magenta (28 ml)	C4837A			●	●		●	●	●											
HP 11 Yellow (28 ml)	C4838A							●												
HP 26 Black (40 ml)	51626A										●*			●*						
HP 40 Black (42 ml)	51640A										●*	●*		●*						
HP 44 Cyan (42 ml)	51644C											●*			●*					
HP 44 Magenta (42 ml)	51644M											●*			●*					
HP 44 Yellow (42 ml)	51644Y											●*			●*					
HP 45 Black (42 ml)	51645A														●*					
HP 50 Cyan (42 ml)	51650C										●*			●*						
HP 50 Magenta (42 ml)	51650M										●*			●*						
HP 50 Yellow (42 ml)	51650Y										●*			●*						
HP 80 Black (350ml)	C4871A																		●	
HP 80 Cyan (350 ml)	C4846A																		●	
HP 80 Magenta (350 ml)	C4847A																		●	
HP 80 Yellow (350 ml)	C4848A																		●	
HP 80 Cyan (175 ml)	C4872A																		●	
HP 80 Yellow (175 ml)	C4873A																		●	
HP 80 Magenta (175 ml)	C4874A																		●	
HP 82 Cyan (69 ml)	C4911A												●			●	●	●		
HP 82 Magenta (69 ml)	C4912A												●			●	●	●		
HP 82 Yellow (69 ml)	C4913A			●	●		●		●				●			●	●	●		
HP 84 Black (69 ml)	C5016A			●	●	●	●		●	●										
HP 84 Light Cyan (69 ml)	C5017A			●	●		●		●											
HP 84 Light Magenta (69 ml)	C5018A			●	●		●		●											
HP 85 Cyan (28 ml)	C9425A					●				●										
HP 85 Magenta (28 ml)	C9426A					●				●										
HP 85 Yellow (28 ml)	C9427A					●				●										
HP 85 Light Cyan (28 ml)	C9428A					●				●										
HP 85 Light Magenta (28 ml)	C9429A					●				●										
Dye (indoor)																				
HP CP Black (410 ml)	C1806A	●																		
HP CP Cyan (410 ml)	C1807A	●																		
HP CP Magenta (410 ml)	C1808A	●																		
HP CP Yellow (410 ml)	C1809A	●																		
HP 81 Black (680 ml)	C4930A																			●
HP 81 Cyan (680 ml)	C4931A																			●
HP 81 Magenta (680 ml)	C4932A																			●
HP 81 Yellow (680 ml)	C4933A																			●
HP 81 Light Cyan (680 ml)	C4934A																			●
HP 81 Light Magenta (680 ml)	C4935A																			●
UV (outdoor)																				
HP CP Black (410 ml)	C1892A	●																		
HP CP Cyan (410 ml)	C1893A	●																		
HP CP Magenta (410 ml)	C1894A	●																		
HP CP Yellow (410 ml)	C1895A	●																		
HP 83 Black (680 ml)	C4940A																			●
HP 83 Cyan (680 ml)	C4941A																			●
HP 83 Magenta (680 ml)	C4942A																			●
HP 83 Yellow (680 ml)	C4943A																			●
HP 83 Light Cyan (680 ml)	C4944A																			●
HP 83 Light Magenta (680 ml)	C4945A																			●

*Printhead included.

HP Designjet ink supplies

HP Designjet printheads	Part number	HP Designjet cp series	HP Designjet colorpro series	HP Designjet 10ps (13" x 19")	HP Designjet 20ps (13" x 19")	HP Designjet 30 series	HP Designjet 50ps (13" x 19")	HP Designjet 100 series	HP Designjet 120 series	HP Designjet 130 series	HP Designjet 200 series	HP Designjet 400 series	HP Designjet 500 series	HP Designjet 600 series	HP Designjet 700 series	HP Designjet 800 series	HP Designjet 815mfp	HP Designjet Copier cc800ps	HP Designjet 1000 series	HP Designjet 5000/5500 series
HP 10 Black (8 ml)	C4800A		•																	
HP 10 Cyan (8 ml)	C4801A		•																	
HP 10 Magenta (8 ml)	C4802A		•																	
HP 10 Yellow (8 ml)	C4803A		•																	
HP 11 Black (8 ml)	C4810A							•					•			•	•	•		
HP 11 Cyan (8 ml)	C4811A			•	•		•	•	•				•			•	•	•		
HP 11 Magenta (8 ml)	C4812A			•	•		•	•	•				•			•	•	•		
HP 11 Yellow (8 ml)	C4813A			•	•		•	•	•				•			•	•	•		
HP 84 Black (8 ml)	C5019A			•	•	•	•		•	•										
HP 84 Light Cyan (8 ml)	C5020A			•	•		•		•											
HP 84 Light Magenta (8 ml)	C5021A			•	•		•		•											
HP 85 Cyan (8 ml)	C9420A					•				•										
HP 85 Magenta (8 ml)	C9421A					•				•										
HP 85 Yellow (8 ml)	C9422A					•				•										
HP 85 Light Cyan (8 ml)	C9423A					•				•										
HP 85 Light Magenta (8 ml)	C9424A					•				•										

HP Designjet printhead/printhead cleaners

Dye (indoor)

HP Designjet printheads	Part number	HP Designjet cp series	HP Designjet colorpro series	HP Designjet 10ps (13" x 19")	HP Designjet 20ps (13" x 19")	HP Designjet 30 series	HP Designjet 50ps (13" x 19")	HP Designjet 100 series	HP Designjet 120 series	HP Designjet 130 series	HP Designjet 200 series	HP Designjet 400 series	HP Designjet 500 series	HP Designjet 600 series	HP Designjet 700 series	HP Designjet 800 series	HP Designjet 815mfp	HP Designjet Copier cc800ps	HP Designjet 1000 series	HP Designjet 5000/5500 series
HP 80 Black (17 ml)	C4820A																		•	
HP 80 Cyan (17 ml)	C4821A																		•	
HP 80 Magenta (17 ml)	C4822A																		•	
HP 80 Yellow (17 ml)	C4823A																		•	
HP 81 Black (13 ml)	C4950A																			•
HP 81 Cyan (13 ml)	C4951A																			•
HP 81 Magenta (13 ml)	C4952A																			•
HP 81 Yellow (13 ml)	C4953A																			•
HP 81 Light Cyan (13 ml)	C4954A																			•
HP 81 Light Magenta (13 ml)	C4955A																			•

UV (outdoor)

HP Designjet printheads	Part number	HP Designjet cp series	HP Designjet colorpro series	HP Designjet 10ps (13" x 19")	HP Designjet 20ps (13" x 19")	HP Designjet 30 series	HP Designjet 50ps (13" x 19")	HP Designjet 100 series	HP Designjet 120 series	HP Designjet 130 series	HP Designjet 200 series	HP Designjet 400 series	HP Designjet 500 series	HP Designjet 600 series	HP Designjet 700 series	HP Designjet 800 series	HP Designjet 815mfp	HP Designjet Copier cc800ps	HP Designjet 1000 series	HP Designjet 5000/5500 series
HP 83 Black (13 ml)	C4960A																			•
HP 83 Cyan (13 ml)	C4961A																			•
HP 83 Magenta (13 ml)	C4962A																			•
HP 83 Yellow (13 ml)	C4963A																			•
HP 83 Light Cyan (13 ml)	C4964A																			•
HP 83 Light Magenta (13 ml)	C4965A																			•

HP Designjet ink supplies

Value Pack: ink cartridge, printhead & printhead cleaner	Part number	HP Designjet cp series	HP Designjet colorpro series	HP Designjet 10ps (13" x 19")	HP Designjet 20ps (13" x 19")	HP Designjet 30 series	HP Designjet 50ps (13" x 19")	HP Designjet 100 series	HP Designjet 120 series	HP Designjet 130 series	HP Designjet 200 series	HP Designjet 400 series	HP Designjet 500 series	HP Designjet 600 series	HP Designjet 700 series	HP Designjet 800 series	HP Designjet 815mfp	HP Designjet Copier cc800ps	HP Designjet 1000 series	HP Designjet 5000/5500 series
Dye (indoor)																				
HP 80 Black (350 ml)	C4890A																		●	
HP 80 Cyan (350 ml)	C4891A																		●	
HP 80 Magenta (350 ml)	C4892A																		●	
HP 80 Yellow (350 ml)	C4893A																		●	
HP 81 Black (680 ml)	C4990A																			●
HP 81 Cyan (680 ml)	C4991A																			●
HP 81 Magenta (680 ml)	C4992A																			●
HP 81 Yellow (680 ml)	C4993A																			●
HP 81 Light Cyan (680 ml)	C4994A																			●
HP 81 Light Magenta (680 ml)	C4995A																			●
UV (outdoor)																				
HP 83 Black (680 ml)	C5000A																			●
HP 83 Cyan (680 ml)	C5001A																			●
HP 83 Magenta (680 ml)	C5002A																			●
HP 83 Yellow (680 ml)	C5003A																			●
HP 83 Light Cyan (680 ml)	C5004A																			●
HP 83 Light Magenta (680 ml)	C5005A																			●
HP 81 dye & 83 UV 3-inks Multi Pack																				
HP 81 dye 3 ink																				
HP 81 Black (680 ml)	C5066A																			●
HP 81 Cyan (680 ml)	C5067A																			●
HP 81 Magenta (680 ml)	C5068A																			●
HP 81 Yellow (680 ml)	C5069A																			●
HP 81 Light Cyan (680 ml)	C5070A																			●
HP 81 Light Magenta (680 ml)	C5071A																			●
HP 83 UV 3-ink																				
HP 83 Black (680 ml)	C5072A																			●
HP 83 Cyan (680 ml)	C5073A																			●
HP 83 Magenta (680 ml)	C5074A																			●
HP 83 Yellow (680 ml)	C5075A																			●
HP 83 Light Cyan (680 ml)	C5076A																			●
HP 83 Light Magenta (680 ml)	C5077A																			●

hp

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

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New Zealand	+0800 733 547
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Thailand	+662 353 9000
Vietnam	+848 823 6215

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