





## Your productive work partner

### HP Designjet 5500 Printer Series

#### **5500 • 5500ps (42 and 60-inch models)**

The HP Designjet 5500 Printer Series combines high productivity, uncompromising image quality and “intelligent” printing solutions that simplify workflow and allow unattended printer operation. Adaptable to varied work environment, this range of printers support multiple ink sets and a wide range of media and new production print modes, enabling users to generate ready-to-sell, large-format documents efficiently.

The HP Designjet 5500 Printer Series comes with key productivity enhancements that are designed to meet high volume, professional quality commercial large-format printing needs.

The HP Designjet 5500 Printer Series are suitable for:

- Print service providers
- GIS professionals
- Graphic designers or other commercial large-format printer users



## High productivity

The HP Designjet 5500 Printer Series are truly designed for the ultimate productivity experience. Equipped with faster print speed through the new production print modes, ultra fast network transmission, extremely large hard disk storage, high-capacity ink cartridges, larger media rolls and other intelligent work flow enhancements, it is engineered to meet demanding large-format printing needs.

### **Impressive print speed**

- The HP Designjet 5500 Printer Series generate large-format prints that are ready-to-sell or distribute at impressive speeds.

The new production print modes deliver professional image quality at speeds of 100 sq ft/hr for glossy media and 189 sq ft/hr for coated media. The maximum speed mode is 569 sq ft/hr.

- Extra wide HP Jetexpress printheads (0.85 inches) with embedded digital logic delivers better nozzle monitoring and faster printing.

### **Faster data transmission**

- The HP Jetdirect 615n Print Server card transfers files at 4.5 MB/sec, thus facilitating fast transmission of information and efficient printing.

### **Shorter processing time**

- Direct TIFF, PDF and JPEG path for driverless printing workflow.
- Time-saving internal file management and storage—eliminate resending time for large files sent through the web-file submitter using 40 GB hard disk that stores large jobs even if the printer's power is turned off.

### **Unattended operation**

- Reduced waiting and shortened total turnaround time with support for productivity category media including instant dry-time glossy\*/semi-glossy\*, immediate lamination, and 225-foot heavyweight coated media rolls\*.
- Eliminates user intervention and printer downtime with HP Designjet WebAccess which uses any computer's web browser for convenient remote access to configurable printer alerts, job management, printer status, and ink and media usage information.
- Other smart features include built-in smart chips that track low-ink levels and worn printheads, thus enabling users to address printer problems efficiently.

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



## Superb image quality

- The HP Designjet 5500 Printer Series delivers excellent photo quality for all large-format prints with a resolution (with enhanced IQ on) of up to 1200 x 600 dpi on glossy media.
- The HP Designjet 5500 Printer Series features a six ink, 1200 dpi writing system and HP Color Layering Technology that ensures a wide colour gamut, continuous tone and smooth colour transitions.
- The series has a new integrated heater that ensures optimal image quality when using the production print modes.

### **Consistent & accurate colours**

- Designed to meet the needs of print service providers and GIS professionals, the series promises accurate and consistent colour printing by providing PANTONE® colour matching for spots and process colours.
- Automatic closed-loop colour calibration guarantees colour consistency from the first page to the last throughout the entire job run.
- Other features include multiple press emulations such as EuroScale, SWOP, DIC, TOYO and JMPA offset printing emulations for HP Designjet 5500ps; as well as other emulations for other HP Designjet printers and Apple ColorSync® compatibility.



# Intelligent printing solution



## Intelligent printing for better workflow

Large-format printing has never been easier with HP's intelligent printing solutions. The new web-file submitter, simplifies any workflow scenario by using driverless printing workflow that allows easy connectivity in multi-platform environments including UNIX®, Linux, Mac® OS and Windows®.

To further help you manage your print jobs and increase unattended printing, the HP Designjet 5500 Printer Series features:

### Direct PDF, TIFF & JPEG printing path

- The web-file submitter facilitates easy connectivity in multi-platform environments. It provides a direct PDF, TIFF and JPEG printing path using a driver-less printing workflow for UNIX®, Linux, Mac® OS and Windows® environments, thus ensuring efficient connectivity in the workplace.
- The 40 GB hard disk and 128 MB RAM (256 MB RAM on HP Designjet 5500ps) ensure the smooth processing of all print jobs.
- The 40 GB hard disk eliminates resending time for large files as information is stored and maintained using the web-file submitter (part of the internal web server), thus facilitating internal file management and easy storage. Stored files are not lost even when the printer's power is turned off.
- The HP Designjet WebAccess facilitates remote printer management by enabling users to configure printer alerts, job management, printer status, ink levels and media usage information from any standard web browser, thus ensuring manageability of the printer and work efficiency.
- The multi-language capability of the HP Designjet 5500 Printer Series supports up to seven internal printer languages, thus ensuring fast processing of print jobs.

The HP Designjet 5500 supports TIFF, JPEG, CALS/G4, HP RTL and HP-GL/2; and the HP Designjet 5500ps supports Adobe PDF 1.3, Adobe PostScript® 3™, TIFF, JPEG, CALS/G4, HP RTL and HP-GL/2.

- Flexible RIP options are available to meet the requirements of users. The HP Designjet 5500ps provides an Adobe PDF 1.3 and Adobe PostScript® 3™ built-in RIP. The HP Designjet 5500 is RIP-ready for use with a wide range of external RIPs and GIS applications<sup>2</sup>.

<sup>2</sup> Solution tested with the following GIS applications: AutoDesk Map, Bentley's MicroStation, ESRI's ArcMap in ArcGIS and GE Smallworld Core Spatial Technology.



## Smart supplies

### Modular ink system

- The modular ink system of the HP Designjet 5500 Printer Series has two interchangeable ink sets. Users may choose from dye-based inks or pigment-based UV inks. The indoor dye inks provide photo-realistic image quality and the outdoor UV inks ensure enhanced lightfastness.
- The six independently, high-capacity (680 cc) replaceable ink cartridges reduce cost on consumables as users need only replace the ink colour that they need.
- Other smart features include built-in smart chips that track low-ink levels and worn printheads, thus enabling users to address printer problems efficiently.

### Productive & flexible media

- Support features for productivity category media such as instant dry-time glossy\* or semi-glossy\*, immediate lamination and 225-foot heavyweight coated media rolls\* reduce waiting time and shorten total turnaround time.
- The HP Designjet 5500 Printer Series handle a minimum length width of 0.002 inches and a maximum length of 300 ft.

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

# Networkability

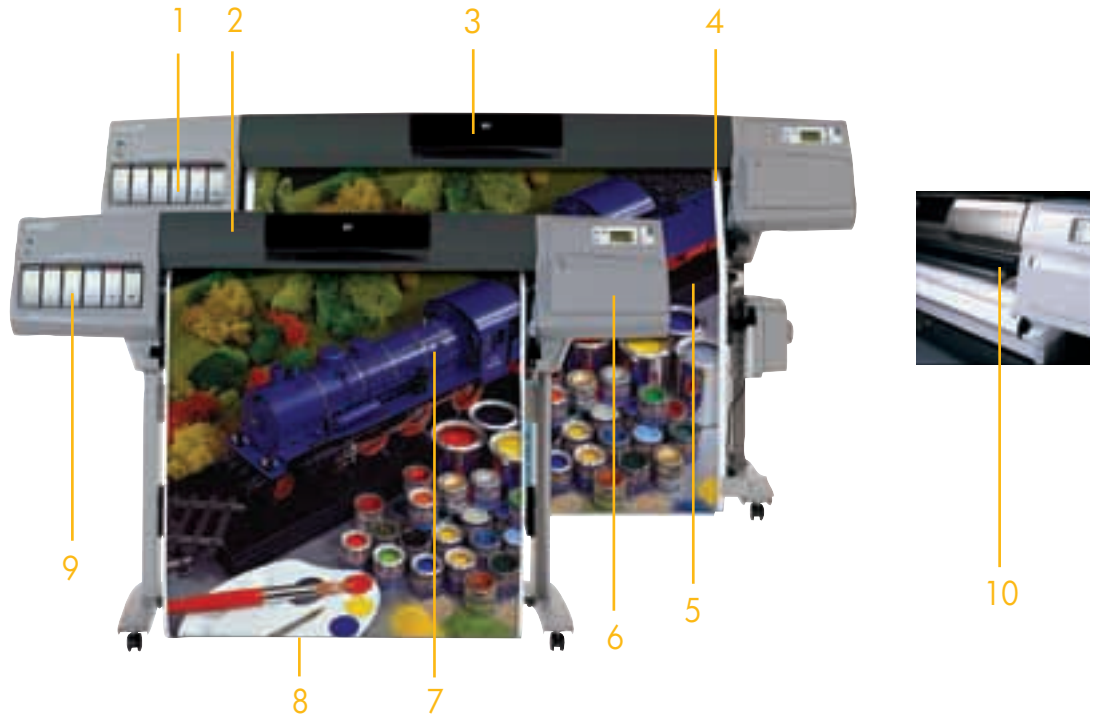


- The HP Jetdirect 615n Print Server card transfers files at 4.5 MB/sec, thus facilitating fast transmission of information and efficient printing. The HP Jetdirect 615n Print Server card supports TCP/IP (including LPR and IPP), AppleTalk, DLC/LLC and IPX/SPX protocols.
- HP Designjet 5500 Printer Series have a wide range of drivers that support various operating systems.

The HP drivers support operating systems such as Microsoft Windows 95, 98, NT 4.0, 2000 and XP. The HP embedded web server file submitter supports Unix & amp, and Linux. Other drivers include the AutoCAD driver (2000, R 13, 14 for Windows) and ZEHRRaster Plus (Unix® for processing TIFF and JPEG files).

# HP Designjet 5500 Printer Series

1. Modular ink system with choice of interchangeable ink sets: dye-based inks or pigment-based UV inks.
2. Increased productivity via extra wide printheads (0.85 inches).
3. Stores and manages large files using a 40 GB hard disk.
4. Roll feed and automatic cutter for unattended printing.
5. Prints on a wide range of media—more than 50 supported media types.
6. Network ready with fast HP Jetdirect 615n print server card.
7. Superb photo quality with up to 1200 x 600 dpi printing on glossy media.
8. HP Designjet WebAccess for remote printer management.
9. Replace only the ink you need with up to six independently replaceable ink cartridges.
10. Integrated heater ensuring optimal image quality when using the production print modes.



HP Designjet 5500ps 42 and 60-inch models shown

## Highlights

- High power productivity with new production print modes—professional, ready to sell output at 100 sq ft/hr for glossy and 189 sq ft/hr for coated media.
- Remote printer management is fast and easy from any standard web browser—using the HP Designjet WebAccess, you can conveniently manage your printer by using remote access to configure printer alerts, job management, printer status, ink and media usage information.
- Web-file submitter provides easy connectivity in multi-platform environments.
- Flexible RIP options—HP Designjet 5500ps comes with an Adobe PDF 1.3 and Adobe PostScript® 3™ built-in RIP. The HP Designjet 5500 is RIP-ready for use with an array of external RIPs and GIS applications.
- Accurate, consistent colour printing—the HP Designjet 5500ps provides PANTONE® colour matching for spot or process colours and closed-loop calibration for colour consistency, print after print.
- Multiple press emulations using the HP Designjet 5500ps—including EuroScale, SWOP, DIC, TOYO, and JMPA offset printing emulations as well as emulations for other HP Designjet printers and Apple ColorSync® compatibility.
- Durable output—2 year outdoor and 5 year indoor as a result of HP UV inks and the 3M™ Match Component System™.



# HP Designjet 5500 Printer Series at a glance



## HP Designjet 5500

- Available 42 and 60-inch wide models
- Ready for use with an array of external RIPs
- 128 MB RAM
- 40 GB hard drive
- HP Jetdirect 615n print server
- HP Designjet WebAccess
- Internal languages: TIFF, JPEG, CALS/G4, HP RTL and HP-GL/2.



## HP Designjet 5500ps

- Available 42 and 60-inch wide models
- Fully loaded with an Adobe PDF 1.3 and Adobe PostScript® 3™ built-in RIP
- 256 MB RAM
- 40 GB hard drive
- HP Jetdirect 615n print server
- HP Designjet WebAccess
- Internal languages support: Adobe PDF 1.3, Adobe PostScript® 3™, TIFF, JPEG, CALS/G4, HP RTL and HP-GL/2

### Two ink type configurations:

Indoor dye inks for photo-realistic image quality and outdoor UV inks for enhanced lightfastness.

### Optional accessories

- 42 inches take-up-reel
- 42 and 60-inch dye to UV ink upgrade kit
- 128 MB memory module
- 42 and 60-inch spindle
- 42 and 60-inch UV to dye ink upgrade kit

# HP Designjet 5500 Printer Series

## Technical Specifications

<b>General features</b>	Print technology:	HP Color Thermal Inkjet			
<b>Print performance</b>	Print speed*	max speed	production	productivity	max quality
	60-inch coated:	569 sq ft/hr	189 sq ft/hr	100 sq ft/hr	100 sq ft/hr
		52.86 sq m/hr	17.56 sq m/hr	9.29 sq m/hr	9.29 sq m/hr
	60-inch glossy:	147 sq ft/hr	100 sq ft/hr	76 sq ft/hr	60 sq ft/hr
		13.66 sq m/hr	9.29 sq m/hr	7.06 sq m/hr	5.57 sq m/hr
	Minimum line width:	0.002-inch			
	Line accuracy:	±0.2% of the specific page length			
	Maximum length:	300 ft			
	Maximum resolution:	1200 x 600 dpi (on glossy media) (with enhanced IQ on)			
	* Maximum mechanical printing times, not including dry time on a 60-inch printer.				
<b>Media handling</b>	Roll feed and sheet feed, automatic cutter, take-up reel (standard in 60-inch model)				
<b>Connectivity</b>					
Languages:	HP Designjet 5500:	TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL			
	HP Designjet 5500ps:	Adobe PDF 1.3, Adobe PostScript® 3™, TIFF 6.0, JPEG, CALS/G4, HP-GL/2, HP RTL			
Drivers:	Microsoft windows:	95, 98, Me, NT 4.0, 2000, XP with HP Drivers Unix®, Linux®: with HP embedded webserver file submitter AutoCAD: 2000, 2002, R 14: 95, 98, Me, NT 4.0, 2000, PostScript (HP Designjet 5500ps): for Windows XP; MAC OS 8.5 to 9.2.2, Microsoft Windows X.1 and X.2			
Interfaces:	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			
	Optional:	HP Jetdirect 610n/615n series print server, HP Jetdirect connectivity card and HP Jetdirect 500x, 300x and 170x external print servers			
<b>Environmental ranges</b>	Operating temperature:	59 to 95° F (15 to 35° C)			
	Storage temperature:	-4 to 131° F (-20 to 55° C)			
	Operating humidity:	20 to 80% RH non-condensing			
<b>Power requirements</b>	Source:	100 to 240 volts (±10%) auto-ranging			
	Frequency:	50 to 60 Hz			
<b>Power consumption</b>	Maximum consumption:	400 watts			
	Standby:	70 watts			
	Powersave:	55 watts			
<b>Acoustics</b>	Sound pressure:	55 dB printing mode, <35 dB when idle			
	Sound power:	70 dB printing mode, <48 dB when idle			
<b>Printer dimensions (w x h x d)</b>	60-inch models:	96 x 27 x 50-inch (2433 x 675 x 1280 mm)			
	42-inch models:	78 x 27 x 50-inch (1975 x 675 x 1280 mm)			
<b>Weight</b>	60-inch models:	264 lbs (120 kg)			
	42-inch models:	220 lbs (100 kg)			
<b>Memory</b>	125 MB RAM (HP Designjet 5500); 256 MB RAM (HP Designjet 5500ps)				
<b>Product certification</b>					
Safety certifications:	Compliant with the requirements for the ITE products: EU: Low Voltage Directive; USA & Canada: CSA Certified for US & Canada; Mexico: NOM-1-NYCE; Argentina: IRAM; China: CCC; Singapore: PSB; Russia: GOST; Poland: PCBC.				
Electromagnetic compatibility:	Compliant with the requirements for Class B ITE products (Class A when connected to LAN cables): EU EMC Directive, USA FCC rules, Canada DOC, Australia ACA, New Zealand MoC, China CCC, Japan VCCI. Class A for Korea MIC, Taiwan BSMI.				
Environmental compliance:	US EPA Energy Star® compliant				
<b>Warranty</b>	1-year warranty. HP Supportpaks and service agreements allow you to extend your warranty to up to 5 years, and can provide around the clock service with a response time of within 4 hours, every day of the year (depending on the country). The printer advises you whenever preventive maintenance is recommended to minimise downtime.  Warranty varies according to countries. Please double check with your local Hewlett-Packard sales office or your nearest HP authorised dealer for details.				

# HP Designjet 5500 Printer Series

## Technical Specifications

What's in the box	HP Designjet printer		HP Designjet 5500		HP Designjet 5500ps	
	42-inch Q1251A	60-inch Q1253A	42-inch Q1252A	60-inch Q1254A		
Printer stand	•	•	•	•		
Take-up reel		•		•		
Media bin	•		•			
2 roll-feed spindles	•	•	•	•		
Power cord	•	•	•	•		
HP Designjet ink system	•	•	•	•		
HP printing material sample	•	•	•	•		
User documentation	•	•	•	•		
User maintenance kit	•	•	•	•		
HP Designjet printer setup software	•	•	•	•		
Other interface cables must be ordered separately.						

For more information, visit our website at <http://www.designjet.hp.com>, or call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

### HP customer information centre (for product information)

Australia	1 32347
China	+86 21 2898 2255
Hong Kong	+852 800 938 833
India	+9628 123 123 (Del/Mum/Blr) +1600 444 999 (other cities)
Indonesia	+0800 1111 222
Korea	+080 703 0700
Malaysia	+1800 88 4848
New Zealand	+0800 733 547
Philippines	+1800 1331 4488
Singapore	+1800 278 8100
Taiwan	+0800 236 686
Thailand	+662 353 9000
Vietnam	+848 823 6215

For the following countries, please fax your queries to: +65 6 275 6707

• Bangladesh • Brunei • Cambodia • Pakistan • Sri Lanka

### HP customer care centre (for post-sales service)

Australia	+61 3 8877 8000
China	+86 10 6564 5959
Hong Kong	+852 800 96 7729
India	+91 11 682 6035
Indonesia	+62 21 350 3408
Korea	+82 2 3270 0700
Malaysia	+60 3 2695 2566
New Zealand	+64 9 356 6640
Philippines	+63 2 867 3551
Singapore	+65 6 272 5300
Taiwan	+886 2 2717 0055
Thailand	+662 353 9000
Vietnam	+848 823 4530



For more information on HP Care Pack, visit: <http://www.hp.com/apac/hpservices/carepack>  
HP Instant Support Professional Edition (ISPE), visit: <http://instantsupport.asiapac.hp.com>

For specific warranty details, please check with your local country resellers.

## Ordering information

Number	Description	
<b>Models</b>		
Q1251A	HP Designjet 5500 printer (42 inches model)	
Q1252A	HP Designjet 5500ps printer (42 inches model)	
Q1253A	HP Designjet 5500 printer (60 inches model)	
Q1254A	HP Designjet 5500ps printer (60 inches model)	
<b>Service and support</b>		
H5653A/E	3 years, 4-hour on-site, extended hours response	
H5654A/E	3 years, 4-hour on-site, extended hours response	
H5504A/E	3 years, next day on-site response	
H5505A/E	3 years, next day on-site response	
H4517A/E	Installation for 1 HP Designjet Printer	
H4518A/E	Installation for 1 Network Configuration for HP Designjet Network Printer	
H5740PA/PE	1 year, post warranty service, 4-hour on-site response, extended hours	
H4607A/E	1 year, post warranty service, next day on-site	
<b>Supplies and accessories</b>		
<b>Cartridges</b>		
HP 81 Ink System (dye for imaging)		
C4930A	HP 81, Black, 680 ml	
C4931A	HP 81, Cyan, 680 ml	
C4932A	HP 81, Magenta, 680 ml	
C4933A	HP 81, Yellow, 680 ml	
C4934A	HP 81, Light Cyan, 680 ml	
C4935A	HP 81, Light Magenta, 680 ml	
HP 83 Ink System (UV pigmented for outdoors)		
C4940A	HP 83, Black, 680 ml	
C4941A	HP 83, Cyan, 680 ml	
C4942A	HP 83, Magenta, 680 ml	
C4943A	HP 83, Yellow, 680 ml	
C4944A	HP 83, Light Cyan, 680 ml	
C4945A	HP 83, Light Magenta, 680 ml	
<b>Printheads</b>		
C4950A	HP 81, Black	
C4951A	HP 81, Cyan	
C4952A	HP 81, Magenta	
C4953A	HP 81, Yellow	
C4954A	HP 81, Light Cyan	
C4955A	HP 81, Light Magenta	
C4960A	HP 83, Black, UV	
C4961A	HP 83, Cyan, UV	
C4962A	HP 83, Magenta, UV	
C4963A	HP 83, Yellow, UV	
C4964A	HP 83, Light Cyan, UV	
C4965A	HP 83, Light Magenta, UV	
<b>Value packs</b>		
C4990A	HP 81, Black, 680 ml	
C4991A	HP 81, Cyan, 680 ml	
C4992A	HP 81, Magenta, 680 ml	
C4993A	HP 81, Yellow, 680 ml	
C4994A	HP 81, Light Cyan, 680 ml	
C4995A	HP 81, Light Magenta, 680 ml	
C5000A	HP 81, Black, UV, 680 ml	
C5001A	HP 81, Cyan, UV, 680 ml	
C5002A	HP 81, Magenta, UV, 680 ml	
C5003A	HP 81, Yellow, UV, 680 ml	
C5004A	HP 81, Light Cyan, UV, 680 ml	
C5005A	HP 81, Light Magenta, UV, 680 ml	
<b>Media</b>		
<b>Dye and UV ink systems</b>		
C6569CHP	Heavyweight Coated Paper	42 inches x 100 ft
Q1956A	HP Heavyweight Coated Paper	42 inches x 225 ft*
C6977C	HP Heavyweight Coated Paper	60 inches x 100 ft
Q1957A	HP Heavyweight Coated Paper	60 inches x 225 ft*
Q1939A	HP Productivity Photo Gloss	42 inches x 100 ft*
Q1941A	HP Productivity Photo Gloss	60 inches x 100 ft*
Q1944A	HP Productivity Photo Semi-gloss	42 inches x 100 ft*
Q1946A	HP Productivity Photo Semi-gloss	60 inches x 100 ft*
C6771A	HP Studio Canvas	36 inches x 35 ft
C6773A	HP Studio Canvas	54 inches x 35 ft
<b>Dye based ink</b>		
C6964A	HP Photo Imaging Gloss	42 inches x 100 ft
C6965A	HP Photo Imaging Gloss	60 inches x 100 ft
C6960A	HP Photo Imaging Satin	42 inches x 100 ft
C6961A	HP Photo Imaging Satin	60 inches x 100 ft
<b>UV ink</b>		
C6787A	HP Banners with Tyvek®	36 inches x 50 ft
C6789A	HP Banners with Tyvek®	54 inches x 50 ft
For a complete list of printing materials and selection numbers, please refer to the HP website at <a href="http://www.designjet.hp.com">www.designjet.hp.com</a> .		
<b>Cables</b>		
C2496A	HP IEEE 1284-compliant bidirectional parallel cable, 9 ft	
C2947A	HP IEEE 1284-compliant bidirectional cable, 32 ft	
<b>Memory</b>		
C2381A	64 MB memory module	
C2382A	128 MB memory module	
<b>Network</b>		
J3111A	HP Jeldirect 600n EIO internal print server, Ethernet combo card	
J4169A	HP Jeldirect 610n EIO internal print server, Ethernet/Fast Ethernet	
J4167A	HP Jeldirect 610n EIO internal print server, Token Ring	
J4135A	HP Jeldirect 615n EIO internal print server, connectivity card	
J6057A	HP Jeldirect 615n EIO internal print server, Ethernet/Fast Ethernet	

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

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

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