



hp designjet 5000/5000ps  
large-format printers



production speed delivering  
ultimate photo quality

**The HP Designjet 5000/5000PS printers deliver a combination of production speed and ultimate photo-quality unmatched by any other printer in their class.<sup>1</sup> Up to five times faster than the HP Designjet CP series printers!**

#### Two Sizes:

Both printers come in two sizes, with a media path that is either 60 inches or 42 inches wide.

**hp designjet 5000ps**  
Fully loaded, with an Adobe® PostScript® 3™ RIP designed for print-service providers, quick-printers and graphics professionals. The RIP processes while the printer is printing and delivers excellent productivity, colour management and output predictability.

**hp designjet 5000**  
Open system, connectable to external RIPs: those, for example, that you are already using with other large-format printers or colour laser copiers, or specialised RIPs that focus on a particular application such as pre-press proofing.

#### unprecedented speed with ultimate photo-quality

- with a production speed of 569 ft<sup>2</sup>/hr,<sup>2</sup> the printers are up to five times faster than the HP Designjet CP series printers!
- high printing speeds are the result of HP's Jetexpress technology with a revolutionary one-inch wide printhead.
- ultimate photo-quality with continuous tones, smooth transitions and a wide colour gamut is achieved using HP colour layering technology, six ink colours (CMYKcm) and 1200-dpi resolution.<sup>3</sup>

#### increased productivity

- remote control via HP Designjet Webaccess through your internet browser: job previewing, queue management, display of ink and media consumption levels, and accounting information.
- very fast data transmission using a powerful HP Jetdirect 610N 10/100 Base-TX print server.

#### low cost of operation

- incredibly low cost of supplies.
- high unattendedness with 680-ml ink cartridges, printheads that last for two to three cartridges, media rolls of up to 300 feet in length, and a take-up reel (optional on the 42-inch models).
- new media saving features: length tracking plus downloadable profiles from HP's web site to ensure best results when using new media.

#### consistent and accurate colours

- consistent colours are produced from one print to the next and from one printer to another using automatic closed-loop-colour calibration.
- the HP Designjet 5000PS incorporates Automatic PANTONE® Calibration, offset-printing press emulations (Euroscale, SWOP, DIC and TOYO, and ICC profiles for Macintosh and Windows).
- the HP Designjet 5000PS also emulates other HP Designjet printers (HP Designjet 1055CM, 2500CP and 3500CP).
- the HP Designjet 5000 accurately reproduces both CMYK-defined and RGB-defined colours. Advanced features can be added via an external RIP.

#### great ink and media flexibility

- modular ink system with a choice of two ink sets: dye-based, and pigment-based UV inks.<sup>4</sup>
- image durability of 24 months outdoors<sup>5</sup> and five years indoors using HP's UV inks and the 3M™ Matched Component System™ which is guaranteed by 3M Corporation.
- a wide choice of HP media types is available, including two new types: HP Photo Imaging Gloss and HP Photo Imaging Satin.

#### great RIP support

- embedded Adobe® PostScript® 3™ RIP in the HP Designjet 5000PS ensuring extremely fast processing from the Macintosh® and Windows® drivers included.
- the printers can also be driven by the most common external RIPs on the market. For more information refer to the HP web site at [www.hp.com/go/designjet](http://www.hp.com/go/designjet) and select "Solutions".
- embedded HP-GL/2 processor with drivers for AutoCAD® and Windows.

#### hp warranty

- one-year warranty. HP SupportPacks and service agreements allow you to extend your warranty for up to 5 years, and can provide around-the-clock service with a response time of less than 4 hours, every day of the year (depending on the country).

<sup>1</sup> SpencerLab report, August 2000. See [www.spencerlab.com](http://www.spencerlab.com)

<sup>2</sup> On the 60-inch model on coated paper

<sup>3</sup> 1200 dpi x 600 dpi on glossy media

<sup>4</sup> Available from February 2001

<sup>5</sup> In regions with extreme solar energy, the outdoor warranty period is 18 months

Ordering information - HP part numbers

<b>print technology</b>	hp colour thermal inkjet		
<b>print speeds<sup>6</sup> on coated paper</b>	<b>max speed:</b>	<b>productivity:</b>	<b>max quality:</b>
<b>60-inch models:</b>	569 ft <sup>2</sup> /hr	100 ft <sup>2</sup> /hr	76 ft <sup>2</sup> /hr
<b>42-inch models:</b>	499 ft <sup>2</sup> /hr	89 ft <sup>2</sup> /hr	68 ft <sup>2</sup> /hr
<b>maximum resolution</b>	1200 dpi x 600 dpi on glossy media		
<b>media types</b>	coated, glossy, back-lit, opaque vinyl, canvas and more		
<b>media handling</b>	roll feed, sheet feed, automatic cutter take-up reel (optional on the 42-inch models)		
<b>media sizes</b>	sheet	roll	
<b>60-inch model:</b>	<b>width:</b> 8.3 in to 36 in <b>length:</b> 22 in to 63 in	<b>width:</b> 24, 36, 42, 54 and 60 in <b>length:</b> up to 300 ft	
<b>24-inch model:</b>	<b>width:</b> 8.3 in to 36 in <b>length:</b> 22 in to 63 in	<b>width:</b> 24, 36 and 42 in <b>length:</b> up to 300 ft	
<b>minimum line width</b>	0.003 inches		
<b>accuracy</b>	+/- 0.2%		
<b>margins</b>	<b>normal (default setting):</b>	<b>extended:</b>	
<b>lateral and trailing edge:</b>	7 mm	15 mm	
<b>leading edge:</b>	35 mm	35 mm	
<b>memory</b>	<b>standard: 5000ps (60-in model):</b> 192MB RAM; 20-GB hard disk <b>5000ps (42-in model):</b> 128MB RAM; 20-GB hard disk <b>5000:</b> 128MB RAM; 5-GB hard disk <b>maximum: 5000ps (60-in model):</b> 256MB RAM; 20-GB hard disk <b>5000ps (42-in model):</b> 256MB RAM; 20-GB hard disk <b>5000:</b> 256MB RAM; 5-GB hard disk		
<b>standard languages</b>	<b>5000ps:</b> Adobe® PostScript® 3™, HP-GL/2, HP RTL (CALs, TIFF and JPEG files from UNIX®, Linux® and Windows NT® via ZEHRRaster Plus) <b>5000:</b> HP-GL/2, HP RTL (CALs, TIFF and JPEG files from UNIX®, Linux® and Windows NT® via ZEHRRaster Plus)		
<b>drivers</b>	<b>PostScript (5000ps):</b> Windows (95, 98, NT 4.0, 2000) Mac OS (8.1, 8.5, 8.6, 9.x) <b>Windows applications:</b> Windows (95, 98, NT 4.0, 2000) <b>AutoCAD:</b> AutoCAD 2000 and Releases 13,14 for Windows <b>UNIX®:</b> CALs, TIFF and JPEG files are accepted via ZEHRRaster Plus software, supplied with the printer		
<b>interfaces</b>	<b>standard:</b> centronics parallel port, IEEE 1284-compliant. HP Jetdirect 610N 10/100 Base-TX Print Server, supporting TCP/IP (including LPR and IPP), AppleTalk®, DLC/SPX LLC and IPX/SPX protocols		
<b>auto interface switching</b>	yes		
<b>warranty</b>	one-year warranty. HP SupportPacks and service agreements allow you to extend your warranty for up to 5 years, and can provide around-the-clock service with a response time of less than 4 hours, every day of the year (depending on the country). The printer advises you whenever preventive maintenance is recommended so as to minimise downtime. Annual maintenance can also be scheduled		
<b>dimensions</b>	<b>60-inch models:</b>	<b>42-inch models:</b>	
<b>width x depth x height</b>	96 in x 27 in x 50 in	78 in x 27 in x 50 in	
<b>weight</b>	264 lb (120 kg)	220 lb (100 kg)	
<b>environmental ranges</b>	<b>operating temperature:</b> 59°F to 95°F <b>storage temperature:</b> -4°F to 131°F <b>relative humidity:</b> 20% to 80% RH		
<b>power requirements</b>	100–240 V AC ±10% auto-ranging; 50–60 Hz, 4 amps max <b>consumption:</b> 52 watt maximum in standby mode; 60 watts maximum when idle; 350 watts maximum consumption		
<b>acoustic emissions<sup>7</sup></b>	<b>pressure; printing:</b> 55 dB (A) <b>idle:</b> <35 dB	<b>power; printing:</b> 70 dB (A) <b>idle:</b> <48 dB	
<b>regulatory compliance</b>	<b>safety:</b> compliant with the requirements for ITE products; EU: low voltage directive; USA & Canada: CSA certified for US & Canada; Mexico: NOM-1-NYCE; Argentina: IRAM; China: CCIB & CCEE; Singapore: PSB; Russia: GOST; Poland: PCBC  <b>electromagnetic compatibility:</b> 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 CCIB, Japan VCCI. Class A for Korea MIC, Taiwan BSMI  <b>environmental compliance:</b> USA EPA ENERGY STAR compliant		

<b>standard unit</b>	60-inch	42-inch	
• hp designjet 5000ps	C6096A	C6091A	
• hp designjet 5000	C6095A	C6090A	
<b>box contents</b>	5000ps	5000	
	60-in	42-in	60-in 42-in
• hp designjet printer	•	•	•
• printer stand	•	•	•
• take-up reel	•	•	•
• media bin	•	•	•
• 2 spindles	•	•	•
• power cord	•	•	•
• ink cartridges	•	•	•
• printheads	•	•	•
• 2 rolls of media	•	•	•
• PostScript driver	•	•	•
• AutoCAD driver	•	•	•
• Windows driver	•	•	•
• macro-installer cd	•	•	•
• ZEHRRaster Plus	•	•	•
• user documentation	•	•	•
• user maintenance kit	•	•	•

Interface Cables must be ordered separately

**accessories**

- memory DIMM: 64MB: C2381A; 128MB: C2382A
- hp jetdirect print server card: J4135A
- hp spindle; 60-inch: C2386A; 42-inch: C2385A
- hp take-up reel (42-inch): C6087B
- hp-uv upgrade kit<sup>1</sup>: 60-inch: C2379A; 42-inch: C2377A (includes printhead storage container)
- printhead storage container<sup>1</sup>: C2383A

supplies	ink cartridge	printhead & cleaner	value pack
<b>hp no.81 dye inks</b>			
black	C4930A	C4950A	C4990A
cyan	C4931A	C4951A	C4991A
magenta	C4932A	C4952A	C4992A
yellow	C4933A	C4953A	C4993A
light cyan	C4934A	C4954A	C4994A
light magenta	C4935A	C4955A	C4995A

<b>hp no.83 uv inks<sup>4</sup></b>			
black	C4940A	C4960A	C5000A
cyan	C4941A	C4961A	C5001A
magenta	C4942A	C4962A	C5002A
yellow	C4943A	C4963A	C5003A
light cyan	C4944A	C4964A	C5004A
light magenta	C4945A	C4965A	C5005A

**hp printing material**  
 For a complete list of printing material and selection numbers, please refer to the HP website at [www.hp.com/go/designjet](http://www.hp.com/go/designjet) and select "printing material"

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

Hewlett-Packard Offices	
Australia	HP Online 132347 ACN 004 394 763 (86-10) 6564 5858
China	(852) 2599 7066
Hong Kong	(91-11) 684 2333
India	(62-21) 515 4112 to 4113
Indonesia	(82-2) 3270 0720
Korea	(60-3) 298 1111
Malaysia	(0800) 733 547
New Zealand	(63-2) 814 1077
Philippines	(65) 272 1788
Singapore	(886-2) 2717 0055
Taiwan	(66-2) 661 4000
Thailand	(848) 823 4530
Vietnam	
Bangladesh, Brunei, Cambodia, Pakistan and Sri Lanka	Fax (65) 275 6707

**SHOP ONLINE** [www.cadworx.ca](http://www.cadworx.ca)

