

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



Unprecedented speed with ultimate photo-quality

- With a production speed of 569 ft²/hr,² 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.³

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 680ml 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.⁴
- Image durability of 24 months outdoors⁵ 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 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).

¹ SpencerLab report, August 2000. See www.spencerlab.com

² On the 60-inch model on coated paper

³ 1200 dpi x 600 dpi on glossy media

⁴ UV Upgrade kit available for the 5000/5000ps

⁵ In regions with extreme solar energy, the outdoor warranty period is 18 months

production speed delivering ultimate photo quality.



high resolution
hp designjet new generation
smarter fast large format

Features & Benefits

hp designjet 5000/5000ps

Two Sizes:

Both printers come in two sizes, with a media path that is either 152 cm (60") or 107 cm (42") wide.

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hp designjet 5000/5000ps - Technical Specifications



invent

print technology	hp colour thermal inkjet		
print speeds⁶ on coated paper	max speed:	productivity:	max quality:
	60-inch models: 569 ft ² /hr	100 ft ² /hr	76 ft ² /hr
	42-inch models: 499 ft ² /hr	89 ft ² /hr	68 ft ² /hr
maximum resolution	1200 dpi x 600 dpi on glossy media		
media types	coated, glossy, back-lit, opaque vinyl, canvas and more		
media handling	roll feed, sheet feed, automatic cutter take-up reel (optional on the 42-inch models)		
media sizes	sheet	roll	
	60-inch model:	width: 8.3 in to 36 in	width: 24, 36, 42, 54 and 60 in
		length: 22 in to 63 in	length: up to 300 ft
	24-inch model:	width: 8.3 in to 36 in	width: 24, 36 and 42 in
		length: 22 in to 63 in	length: up to 300 ft
minimum line width	0.003 inches		
accuracy	+/- 0.2%		
margins		normal (default setting):	extended:
	lateral and trailing edge:	7 mm	15 mm
	leading edge:	35 mm	35 mm
memory	standard: 5000ps (60-in model):	192MB RAM; 20-GB hard disk	
	5000ps (42-in model):	128MB RAM; 20-GB hard disk	
	5000:	128MB RAM; 5-GB hard disk	
	maximum: 5000ps (60-in model):	256MB RAM; 20-GB hard disk	
	5000ps (42-in model):	256MB RAM; 20-GB hard disk	
	5000:	256MB RAM; 5-GB hard disk	
standard languages	5000ps: Adobe® PostScript® 3™, HP-GL/2, HP RTL (CALs, TIFF and JPEG files from UNIX®, Linux® and Windows NT® via ZEHRRaster Plus)		
	5000: HP-GL/2, HP RTL (CALs, TIFF and JPEG files from UNIX®, Linux® and Windows NT® via ZEHRRaster Plus)		
drivers	PostScript (5000ps): Windows (95, 98, NT 4.0, 2000) Mac OS (8.1, 8.5, 8.6, 9.x)		
	Windows applications: Windows (95, 98, NT 4.0, 2000)		
	AutoCAD: AutoCAD 2000 and Releases 13,14 for Windows		
	UNIX®: CALs, TIFF and JPEG files are accepted via ZEHRRaster Plus software, supplied with the printer		
interfaces	standard: 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		
auto interface switching	yes		
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). The printer advises you whenever preventive maintenance is recommended so as to minimise downtime. Annual maintenance can also be scheduled		
dimensions	60-inch models:	42-inch models:	
width x depth x height	96 in x 27 in x 50 in	78 in x 27 in x 50 in	
weight	264 lb (120 kg)	220 lb (100 kg)	
environmental ranges	operating temperature: 59°F to 95°F		
	storage temperature: -4°F to 131°F		
	relative humidity: 20% to 80% RH		
power requirements	100–240 V AC ±10% auto-ranging; 50–60 Hz, 4 amps max		
	consumption: 52 watt maximum in standby mode; 60 watts maximum when idle; 350 watts maximum consumption		
acoustic emissions⁷	pressure; printing: 55 dB (A)	power; printing: 70 dB (A)	
	idle: <35 dB	idle: <48 dB	
regulatory compliance	safety: 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		
	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 CCIB, Japan VCCI. Class A for Korea MIC, Taiwan BSMI		
	environmental compliance: USA EPA ENERGY STAR compliant		

Ordering information - HP part numbers

standard unit	60-inch	42-inch
• hp designjet 5000ps	C6096A	C6091A
• hp designjet 5000	C6095A	C6090A
box contents	5000ps	5000
	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: 60-inch: C2379A; 42-inch: C2377A (includes printhead storage container)
 - printhead storage container: C2383A

supplies	ink cartridge	printhead & cleaner	value pack
hp no.81 dye inks			
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

hp no.83 uv inks⁸			
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 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
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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.

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.

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⁶ Maximum mechanical printing speeds

⁷ Per ISO DP 7779. Typical emissions at 1-meter bystander position for pressure.