

**hp designjet
5000 and 5000ps**



i n v e n t

**maximum
performance
printing**

**for
high-volume
production**

hp designjet 5000 and 5000ps

Speed and reliability are critical to your success. That's why service bureaus, quick printers, and large-format professionals who need to run high-volume jobs with superior image quality in record time demand HP Designjet 5000 Series printers.

HP Designjet 5000 Series printers deliver maximum performance through a powerful combination of speed and uncompromising image quality unmatched by any other printer in their class.¹ It's the perfect choice for production environments that put a premium on fast turnaround and superior image quality.

HP Designjet Webaccess lets you use the power of the Internet to manage your workflow. This smart technology lets you preview, track, and manage print jobs from any Internet connection, driving digital printing to a new level of integration, functionality, and productivity.

hp designjet 5000

The HP Designjet 5000 printer is an open system that can be connected to external RIPs, making it a completely flexible, high-speed production device. The printer can be connected to RIPs that are already in use with other large-format printers or color laser copiers, for fast, seamless workflow integration.

hp designjet 5000ps

The HP Designjet 5000PS printer offers powerful capabilities in a simple, plug-and-play solution. Built-in Adobe PostScript 3 RIP processes while the printer is printing, delivering high productivity, accurate color management, and superior output predictability.

Exclusive HP Designjet imaging technology delivers uncompromising image quality at top speed. Smart printing tools provide customers with low cost of ownership, simple-to-use interface, and a high degree of unattended printing.

maximum speed

- HP Jetexpress™ technology ensures high-speed printing through wide printheads and high nozzle volume—without sacrificing image quality
- Delivers six-color images up to 569 ft²/hr

uncompromising image quality

- Rich, brilliant colors from print to print, regardless of ink levels or printhead usage
- Precise ink placement ensures crisp, sharp lines and text
- HP's color layering technology combines ink drops on a single dot to create smooth color transitions and photo-quality results—even up close—for 1200 dpi × 600 dpi resolution
- HP Designjet 5000PS automatically calibrates Pantone colors
- HP Designjet 5000PS offers offset printing press emulation, ICC profiles for Macintosh and Windows environments, Apple ColorSync compatibility
- HP Designjet 5000 accurately reproduces both CMYK-defined and RGB-defined colors—advanced features can be added via an external RIP

durable printing

- Create durable, lightfast indoor and outdoor prints with pigment-based HP No. 83 UV six-color ink system (available Spring 2001)
- Image durability warranted 24 months outdoor and five years indoor using HP Designjet 5000 Series UV Ink Supplies (available Spring 2001) and 3M™ Matched Component System™

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

hp designjet printing supplies

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

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

smart printing

- HP Designjet Webaccess lets you manage print jobs from any Internet connection—simply enter the printer's IP address for job previewing, queue management, and to monitor ink and media levels
- "Virtual computer" boosts productivity by supporting queuing, nesting and processes the next job while printing
- Network ready—comes ready to print right out of the box
- Two-ink systems: indoor inks for photo-realistic image quality; outdoor UV inks for enhanced lightfastness
- High-capacity ink cartridges and long-life printheads mean fewer supplies changes, unattended printing, and low cost of ownership
- Built-in smart chips identify low ink levels and worn printheads
- Ink cartridges and printheads are replaceable—replace what you need, when you need
- HP Zoomsmart scaling technology makes it easy to proportionally enlarge or reduce images
- Optional Fiery X4-W external RIP provides EFI tools, workflow for graphics professionals

hp warranty and support

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



hp designjet 5000

- Microsoft Windows drivers (including support of AutoCAD®)
- 128 MB RAM, upgradable to 256 MB RAM, 5 GB hard drive
- Parallel ports and network interface
- C6095A (60 inch)
US list price \$16,995
- C6090A (42 inch)
US list price \$10,495

hp designjet 5000ps

- Includes Adobe® PostScript® 3™ built-in RIP
- Windows drivers (including support of AutoCAD)
- 192 MB RAM, upgradable to 256 MB RAM (60-inch model), 20 GB hard drive, 128 MB RAM, upgradable to 256 MB RAM (42-inch model), 20 GB hard drive
- Parallel ports and network interface
- Color management through offset printing press emulations (EuroScale, SWOP, DIC, and TOYO), ICC profiles for Macintosh and Windows, and Pantone color tables
- Pantone certified
- Apple ColorSync compatible
- C6096A (60 inch)
US list price \$20,995
- C6091A (42 inch)
US list price \$13,995

hp designjet 5000 series ink supplies

ink cartridges

no. 81 dye	color	ink volume
C4930A	black	680 ml
C4931A	cyan	680 ml
C4932A	magenta	680 ml
C4933A	yellow	680 ml
C4934A	light cyan	680 ml
A4935A	light magenta	680 ml

value pack: ink cartridge, printhead and cleaner

no. 81 dye	color	ink volume
C4990A	black	680 ml
C4991A	cyan	680 ml
C4992A	magenta	680 ml
C4993A	yellow	680 ml
C4994A	light cyan	680 ml
C4995A	light magenta	680 ml

ink supply accessories

C2383A	hp printhead storage container
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printhead and cleaner

no. 81 dye	color
C4950A	black
C4951A	cyan
C4952A	magenta
C4953A	yellow
C4954A	light cyan
C4955A	light magenta

hp premium printing material

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

HP Printing Material for Indoor Applications

HP Coated Paper, HP Coated Paper, HP Heavyweight Coated Paper, HP Paper Based Semi-Gloss, HP Studio Canvas, HP Colorfast Adhesive Vinyl, HP Photo Imaging Gloss, HP Photo Imaging Satin, HP Satin Poster Paper

HP Printing Material for UV Outdoor Applications

HP Durable Imaging Gloss UV (available Spring 2001), HP Heavyweight Coated Paper, HP Studio Canvas, HP Colorfast Adhesive Vinyl, HP Banners with Tyvek®, HP Colorluculent Backlit UV

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

hp designjet 5000/5000ps printers

specifications

print technology
 print performance*
 D-size: 24- x 36-inch
 60 inch
 42 inch
 maximum resolution
 minimum line width
 line accuracy
 margins
 media handling
 media sizes
 42 inch
 60 inch
 memory
 5000
 5000PS (42 inch)
 5000PS (60 inch)

connectivity
 languages

drivers

interfaces

automatic interface switching

warranty

physical characteristics

width x depth x height
 weight

environmental specifications

temperature ranges
 operating humidity
 power

acoustic emissions†

regulatory compliance

information & safety

electromagnetic compatibility

environmental compliance

HP Color Thermal Inkjet

Maximum speed	Productivity	Maximum quality
569 ft ² /hour	100 ft ² /hour	76 ft ² /hour
499 ft ² /hour	89 ft ² /hour	68 ft ² /hour
1200 x 600 dpi		
0.002 in.		
±0.2% of the specified page length		
Lateral: 7 mm	Trailing edge and leading edge: 35 mm	
Sheet feed, roll feed, automatic cutter, take-up reel (take-up reel is optional on 42-inch model)		
Sheet	Roll	
width: 8.3 in. to 36 in.	width: 24 in., 36 in., 42 in.	
length: 22 in. to 63 in.	length: up to 300 ft.	
width: 8.3 in. to 36 in.	width: 24 in., 36 in., 42 in., 54 in., 60 in.	
length: 22 in. to 63 in.	length: up to 300 ft.	
Standard	Maximum	
128 MB, 5 GB HD	256 MB, 5 GB HD	
128 MB, 20 GB HD	256 MB, 20 GB HD	
192 MB, 20 GB HD	256 MB, 20 GB HD	

5000: HP-GL/2, HP RTL, (CAL S G4, TIFF and JPEG files from UNIX®, Linux®, and Windows NT via ZEH Raster Plus)
 5000ps: Adobe® PostScript® 3™, HP-GL/2, HP RTL (CAL S G4, TIFF and JPEG files from UNIX®, Linux®, and Windows NT via ZEH Raster Plus)
 Microsoft® Windows®: 95, 98, NT 4.0, 2000
 AutoCAD®: 2000 and Releases 13, 14 for Windows
 UNIX: TIFF and JPEG files accepted via ZEH Raster Plus software, supplied with printer
 PostScript (5000ps): Windows 95, 98, NT 4.0, 2000; Macintosh: 8.1, 8.5, 8.6, 8.6, 9.x
 5000 (standard): Centronics parallel, IEEE 1284 compliant, Ethernet 10/100 Base-TX print server, supporting TCP/IP (including LPR and IPP), AppleTalk®, DLC/LLC and IPX/SPX protocols
 5000ps (standard): Centronics parallel, IEEE 1284 compliant (including ECP), USB 1.1 (Windows 98 and 2000 and Macintosh OS 8.1, 8.5, 8.6, 9.0), Ethernet 10/100Base-TX
 Yes

One-year warranty includes free, next-business-day, on-site support and service for your printer, backed by HP support centers. HP Supportpacks and service agreements extend your warranty for up to 5 years, and can provide around-the-clock service, 4-hour response time, 365 days a year.

42 inch	60 inch
78 in. x 27 in. x 50 in.	96 in. x 27 in. x 50 in.
220 lbs.	264 lbs.

Operating: 59° to 95°F; Storage: -4°F to 131°F
 20% to 80% RH
 Requirements: 100 to 240 V AC ±10% auto-ranging; 50 to 60 Hz, 4 amps maximum
 Consumption: Standby mode 52 watts maximum; Idle 60 watts maximum; Maximum 350 watts
 Printing: Pressure: 55 dB (A) Power: 65 dB (A)
 Idle: Pressure: <35 dB Power: <48 dB

Compliant with the requirements for the ITE products—EU: Low Voltage Directive; USA and Canada: CSA Certified for US and Canada; Mexico: NOM-1-NYCE; Argentina: IRAM; China: CCIB and CCEE; Singapore: PSB; Russia: GOST; Poland: PCBC
 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
 US EPA ENERGY STAR® compliant

ordering information

box contents

printer stand
 take-up reel
 media bin
 2 roll-feed spindles
 power cords
 hp designjet ink system
 hp printing material sample
 ZEH Raster Plus
 user documentation
 user maintenance kit
 Macro-installer CD

Other interface cables must be ordered separately.

hp designjet 5000		hp designjet 5000ps	
42 inch	60 inch	42 inch	60 inch
C6090A	C6095A	C6091A	C6096A

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options and accessories

64 MB memory module	C2381A
128 MB memory module	C2382A
42-inch spindle	C2385A
60-inch spindle	C2386A
42-inch take-up reel	C6087B
42-inch HP UV upgrade kit (includes printhead storage container)	C2377A
60-inch HP UV upgrade kit (includes printhead storage container)	C2379A
Printhead storage container	C2383A
Fiery X4-W RIP™	C7789A



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www.hp.com/go/designjet
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* Color images approximate speed on HP Coated Paper.

† Per ISO DP7779. Typical emissions at 1 meter by-stander position for pressure.

■ Available Fall, 2000.