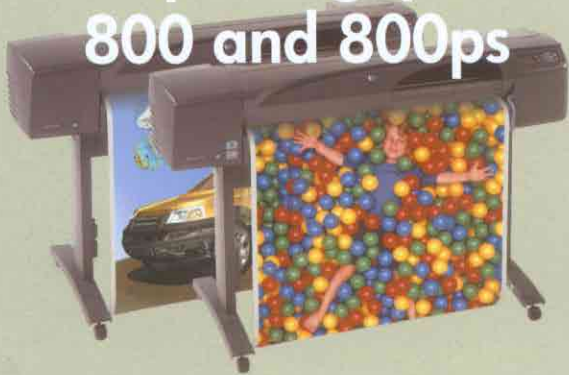


**hp designjet  
800 and 800ps**



**i n v e n t**

**professional  
workgroup printing**

**for technical and  
graphics  
departments**

# hp designjet 800 and 800ps

Busy workgroups want large-format prints fast—and HP Designjet 800 Series printers deliver clear, crisp images with rich, true colors and uncompromising image quality—print after print. HP Designjet 800/800PS printers are network-ready—a smart choice for any technical or graphics workgroup.

A “virtual computer” inside boosts productivity by doing all of the file processing work—freeing up the computer, so you can stay focused on critical deadlines. That’s smart.

## hp designjet 800

Architectural firms, engineering departments and other technical groups rely on the HP Designjet 800 printer for fast, accurate illustrations, precise line drawings, and high-resolution renderings.

## hp designjet 800ps

The HP Designjet 800PS printer, with an included Adobe Postscript 3 RIP, provides detailed illustrations, accurate proofs and powerful presentations for advertising agencies, design studios, graphics workgroups, and corporate departments.

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

## high speed

- Color images at 85 ft<sup>2</sup>/hr (D-size fast mode)
- Line drawings in just 60 seconds (D-size super fast mode)

## 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
- Up to 2400 dpi resolution (on glossy media)

## smart printing

- “Virtual computer” inside processes files, quickly freeing up the computer
- Supports queuing, nesting and processes the next job while printing
- Network ready—comes ready to print right out of the box
- High capacity HP No. 82 ink cartridges and long-life HP No. 11 printheads mean fewer supplies changes, unattended printing, and low cost of ownership

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.

- 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 allows easy large-format printing from any Windows application
- Optional EFI Fiery X4-W external RIP provides EFI tools and workflow for design professionals

### simple to use

- Drivers are easy to install and the control panel is simple to navigate
- Ink set changes take less than one minute
- Smooth media loading and automatic alignment
- Finished prints are automatically cut and stacked in media bin (optional on 24-inch models)
- Printer stand included (optional on 24-inch models)

### 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



large-capacity ink cartridges



easy-to-follow control panel



### hp designjet 800

- 96 MB RAM and 6 GB hard disk, expandable to 160 MB RAM
- Windows drivers (including support of AutoCAD)
- Media bin (optional on 24-inch models)
- C7780B (42 inch)  
US list price \$6,995
- C7779B (24 inch)  
US list price \$5,795

### hp designjet 800ps

- 160 MB RAM and 6 GB hard disk (standard and maximum)
- Includes Adobe PostScript 3 RIP
- Microsoft Windows drivers (including support of AutoCAD)
- Color management obtained through automatic Pantone calibration, offset printing press emulations (EuroScale, SWOP, DIC and TOYO), ICC profiles for Macintosh and Windows
- Pantone certified
- Media bin (optional on 24-inch models)
- C7780C (42 inch)  
US list price \$8,995
- C7779C (24 inch)  
US list price \$6,995

### hp designjet 800 series ink supplies

#### ink cartridges

no. 10	color	ink volume
C4844A	black	69 ml

no. 82	color	ink volume
C4911A	cyan	69 ml
C4912A	magenta	69 ml
C4913A	yellow	69 ml

#### printheads

no. 11	color
C4810A	black
C4811A	cyan
C4812A	magenta
C4813A	yellow

### hp printing material

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

HP Bright White Inkjet Paper, HP Coated Paper, HP Heavyweight Coated Paper, HP Paper-Based Semi-Gloss, HP Satin Poster Paper, HP High-Gloss Photo Paper, HP Semi-Gloss Photo Paper, HP Studio Canvas, HP Banners with Tyvek®, HP Colorfast Adhesive Vinyl, HP Matte Film, HP Clear Film, HP Natural Tracing Paper, HP Translucent Bond and HP Vellum

For complete HP Printing Material product information, compatibility and printing tips, visit [www.hp.com/go/designjet](http://www.hp.com/go/designjet) and select "Printing Material."

# hp designjet 800 and 800ps printers

## specifications

print technology  
 print performance\*  
 D-size: 24 x 36 inch

maximum resolution  
 minimum line width  
 line accuracy  
 margins

media handling

media sizes  
 24 inch  
 42 inch

memory  
 800  
 800ps

connectivity  
 languages

drivers

interfaces

optional  
 automatic interface switching

warranty

HP Color Thermal Inkjet

Line drawings: 60 seconds (fast mode)  
 Color Images: 85 ft<sup>2</sup>/hour (fast mode)  
 36 ft<sup>2</sup>/hour (normal)  
 21 ft<sup>2</sup>/hour (best)

2400 x 1200 dpi  
 0.002 in  
 ±0.2% or 0.38 mm (whichever is greater at 23°C, 50–60% RH on HP High-Gloss White Film)  
 lateral: 5mm leading and trailing edge: 17mm

Sheet feed, roll feed, automatic cutter

Sheet	Roll
width: 8.3 in. to 24 in.	width: 24 in.
length: 8.3 in. to 74.7 in.	length: up to 150 ft.
width: 8.3 in. to 42 in.	width: 24 in., 36 in., 42 inch
length: 8.3 in. to 74.7 in.	length: up to 150 ft.

Standard	Maximum
96 MB, 6 GB HD	160 MB, 6 GB HD
160 MB, 6 GB HD	160 MB, 6 GB HD

800: HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX®, Linux® and Windows NT® via ZEHRRaster Plus)  
 800ps: Adobe® PostScript® 3™, HP-GL/2, HP RTL, CALS G4 (TIFF and JPEG files from UNIX, Linux and Windows NT via ZEHRRaster Plus)  
 Microsoft® Windows®: 95, 98, NT 4.0, 2000  
 AutoCAD® 2000 and Releases 13, 14 for Windows  
 UNIX: CALS, TIFF and JPEG files accepted via ZEHRRaster Plus software, supplied with printer  
 PostScript (800ps): Microsoft Windows (95, NT 4.0) without USB; Windows 98, 2000; Macintosh 8.1 or later  
 800 (standard): Centronics parallel (ECP) IEEE 1284 compliant, USB 1.1 (Windows 98 and 2000), Ethernet 10/100Base-TX  
 800ps (standard): Centronics parallel (ECP) IEEE 1284 compliant, USB 1.1 (Windows 98 and 2000 and Macintosh OS 8.1, 8.5, 8.6, 9.0), Ethernet 10/100Base-TX  
 HP Jetdirect internal print servers—see networking  
 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.

## physical characteristics

width x depth x height  
 weight

24 inch	42 inch
49 in. x 19 in. x 14 in.	67 in. x 27 in. x 43 in.
85 lbs.	99 lbs.

## environmental specifications

temperature ranges  
 operating humidity  
 power  
 acoustic emissions†

Operating: 59°F to 95°F; Storage: -40°F to 158°F  
 20% to 80% RH  
 Requirements: 100 to 240 V AC ±10% auto-ranging; 50 to 60 Hz, 3 amps maximum  
 Consumption: 150 watts maximum  
 Pressure: Printing: 52 dB (A) Power: 65 dB (A)

## regulatory compliance

information and safety  
 electromagnetic compatibility  
 environmental compliance

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

	hp designjet 800	hp designjet 800ps
	24 inch	24 inch
	42 inch	42 inch
	C7779B	C7779C
	C7780B	C7780C

printer stand  
 media bin  
 roll-feed spindle  
 power cords  
 hp designjet ink system  
 hp printing material sample  
 user documentation  
 user maintenance kit  
 HP install network wizard  
 HP-GL/2, AutoCAD Drivers for Windows  
 PostScript Drivers for Windows, Mac

Other interface cables must be ordered separately.

	24 inch	42 inch	24 inch	42 inch
printer stand	•	•	•	•
media bin	•	•	•	•
roll-feed spindle	•	•	•	•
power cords	•	•	•	•
hp designjet ink system	•	•	•	•
hp printing material sample	•	•	•	•
user documentation	•	•	•	•
user maintenance kit	•	•	•	•
HP install network wizard	•	•	•	•
HP-GL/2, AutoCAD Drivers for Windows	•	•	•	•
PostScript Drivers for Windows, Mac	•	•	•	•

## options and accessories

128 MB memory module	C2388A
24-inch spindle	C2389A
42-inch spindle	C2390A
Printer stand and media bin	C7781A
USB 5-m cable	C2392A
Fiery X4-W external RIP*	C7789A

## networking

HP Jetdirect EIO 10Base-T	J3110A
HP Jetdirect EIO 10Base2	J3111A
10-T, LocalTalk	
HP Jetdirect Token Ring	J3112A



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 Printed in the United States 8/00  
 5980-2212EUS

\* Color images approximate speed on HP Coated Paper. Line drawings approximate speed on HP Bright White Inkjet Paper.  
 † Per ISO DP7779. Typical emissions at 1 meter by-stander position for pressure.  
 ■ Available Fall, 2000.