

HP

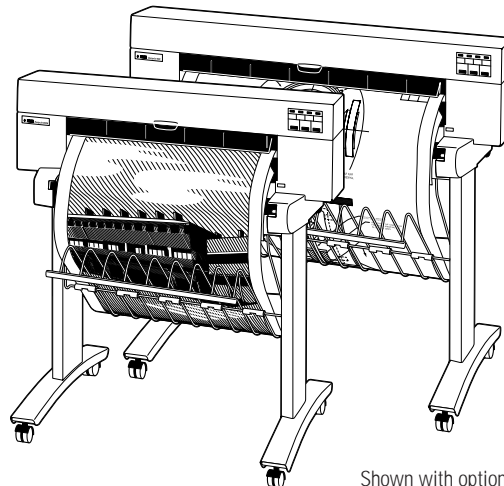
DesignJet

488CA, 450C and 430 Printers

Affordable, personal printers

Highlights

- Ideal for line drawings, presentations, signs, and comps, providing maximum flexibility for all kinds of jobs
- Excellent line quality and graphics for maps, renders and images, with 600-dpi addressable black and 300-dpi color resolution
- Fast enough for quick turnaround and to accommodate deadline workloads; prints 2- by 3- foot black line drawings in less than 1.5 minutes (Fast mode), color line drawings in about 4 minutes (Normal mode) and color images in about 18 minutes (Best mode)*
- Fits into any office with tabletop design and optional legs kit
- Convenient and easy to use with features such as roll feed and automatic cutter, easy single-sheet loading, and simple front panel
- Accepts a wide variety of media to handle check plots, final output, presentations, overlays, and archiving
- HP-developed AutoCAD™ and Microsoft® Windows® drivers take full advantage of printer features
- HP ZoomSmart scaling technology for easy large-format printing from any Windows application
- Genuine HP CAD languages – the industry standards – for compatibility with virtually all major applications
- Traditional HP quality and reliability for consistent, dependable performance – backed by a one-year warranty with free next-day on-site service



Shown with optional legs

HP DesignJet 488CA Printer

- C6083A (36 inch) \$4,195**
- C6082A (24 inch) \$3,195**
- Provides the flexibility to print conceptual proofs (comps, mock-ups) up to 24 and 36 inches wide
- Includes Adobe® PostScript® 3™ via software RIP for Macintosh and Windows environments
- Compatible with Apple ColorSync® enabling repeatable, reliable and consistent color on screen and in print
- Supports ICC profiles, and DIC/Euroscale/SWOP/TOYO press emulations
- Roll feed and automatic cutter standard
- HP JetDirect EX Plus external network interface for Ethernet connectivity

HP DesignJet 450C and 430 Printers

- HP DesignJet 450C printer
 - Personal color printer
 - C4716A (36 inch) \$3,495†
 - C4715A (24 inch) \$2,395†
- HP DesignJet 430 printer:
 - Personal black-only printer
 - C4714A (36 inch) \$2,995†
 - C4713A (24 inch) \$1,995†
- Optional roll feed and automatic cutter
- Optional HP JetDirect EX Plus and EX3 Plus external network interfaces
- Optional color upgrade kit for HP DesignJet 430 printer

* On coated paper, using Windows driver.
Line drawing: Cadalyst 4775, Images: Full coverage D-size.

** U.S. list price not including optional legs

† U.S. list price not including optional roll feed and legs

HP DesignJet 488CA, 450C and 430 Printers

Specifications

Print Technology	
HP DesignJet 488CA and 450C	Color thermal inkjet (4 cartridges – black, cyan, magenta, yellow)
HP DesignJet 430	Monochrome thermal inkjet (1 black cartridge)
Print Times in Minutes (2 x 3 ft on Bond Paper)	
Black lines	1.5 minutes (Fast mode)
Color lines	4 minutes (Normal mode)
Color images	18 minutes (Best mode)
Maximum Resolution	
Black: 600-dpi addressable; Color: 300-dpi	
Media Types	
HP Bright White Inkjet Paper, bond, coated, tracing, glossy papers and films, vellum, clear and matte film; translucent bond (black only)	
Media Handling	
HP DesignJet 488CA	Sheet and roll feed/auto cutter, output bin
HP DesignJet 450C and 430	Sheet feed, optional roll feed/auto cutter
Media Sizes	
36-inch models	Rolls: 36- and 24-inch wide; Sheets: 8.3-in to 36-in wide
24-inch models	Rolls: 24-inch wide; Sheets: 8.3-in to 24-inch wide
Maximum Length	Rolls: 150 ft; Sheets: 64-in
Memory	
Standard: 4 MB RAM Maximum: 36 MB RAM	
Languages	
HP DesignJet 450C/430/488CA	HP-GL/2, HP-GL, HP RTL
HP DesignJet 488CA only	Adobe® PostScript® 3™ via software RIP for Macintosh and Windows 95/98/NT 4.0 PostScript level 2 via software RIP for Windows NT 4.0
Drivers	
AutoCAD	HP-developed RIP software for Macintosh Power PC and Windows;
Windows	AutoCAD™ Release 10, 11, 12, 13 drivers for DOS, 12 and 13 drivers for Windows 3.1x, 13 and 14 drivers for Windows 3.51, 95 and NT 4.0 HP-developed drivers for Microsoft Windows 3.1, 95/98 and NT 4.0
Interfaces	
HP DesignJet 450C/430/488CA	Standard: IEEE-1284 compatible, RS-232-C
HP DesignJet 450C/430	Optional: HP JetDirect EX Plus and EX Plus3 external network interfaces
HP DesignJet 488CA only	Standard: HP JetDirect EX Plus external network interface (Ethernet) Optional: HP JetDirect EX Plus3 external network interfaces
Minimum System Configuration	
HP DesignJet 488CA only:	Macintosh Power PC, MAC OS 7.5.3 or later, EtherTalk network, 64 MB Physical RAM, Virtual Memory 100MB, 500 MB of available hard disk space. Intel Pentium 133 processor with Windows 95, Windows 98, or Windows NT 4.0, 500MB hard disk space, 32 MB RAM (64MB recommended), ECP activated in BIOS if local; TCP/IP and IPX/SPX if networked
Auto I/O Switching	
Yes	
Warranty	
One-year with free next-day on-site service	

Physical Characteristics

Height x Width x Depth	24-in models: 31 x 41 x 9 in	36-in models: 13 x 52 x 9 in
Weight		
HP DesignJet 450C and 430*	24-in models: 57 lbs	36-in models: 70 lbs
HP DesignJet 488CA**	24-in models: 62 lbs	36-in models: 75 lbs

Operating Environment

Temperature	Operating, optimal: 59° to -86°F; Storage -40° to 158°F
Relative Humidity	Operating: 20% to 80%
Power Requirements	Source 100-240 V AC±10%; Frequency 50-60Hz
Power Consumption	70 watts maximum
Acoustics	
(Per ISO DP 7779 standard) Printing Idle	
Sound Pressure Level***	50 dB (A) <20 dB (A)
Sound Power Level	6.7 Bels (A) <3.6 Bels (A)

Regulatory Approvals

Electromagnetic Compatibility	Compliant with EU EMC directive, USA FCC Rules, Australia ACA New Zealand MoC, Canada DoC and China requirements for ClassB Products(Class A when connected to LANs). Japan VCC) registered. Korea RRLand Taiwan BCIO certified.
Safety	IEC 950-compliant. Safety UL listed, EU LVD & EN 60950 compliant. NEMKO approved. Certified by Canada CSA, Mexico NOM-1-NYCE, Czech republic EZU, Singapore PSB, Russia GOST, Poland PCBC, China CCIB.
Environmental	US EPA Energy Star compliant

* Does not include optional roll feed and legs kit ** Does not include optional legs kit
*** Typical emissions at 1-meter bystander position

Ordering Information

	HP P/N
HP DesignJet 488CA printer:	
24-in model	C6082A
36-in model	C6083A
HP DesignJet 450C printer:	
24-in model	C4715A
36-in model	C4716A
HP DesignJet 430 printer:	
24-in model	C4713A
36-in model	C4714A

The above units come with print cartridges (one black; the HP DesignJet 450C and 488CA printers also come with one each of cyan, magenta, yellow); Microsoft Windows and AutoCAD drivers, user documentation and power cord. The HP DesignJet 488CA also includes HP JetDirect EX Plus external network interface, RIP software for Macintosh and Windows, parallel cable and crossed 10BaseT cable.

Supplies

HP print cartridges:	
Black	51640A
Cyan	51644C
Magenta	51644M
Yellow	51644Y

Accessories

Roll feed kit for HP DesignJet 450C and 430:	
24-in model	C4717A
36-in model	C4719A
Spindle:	
24-in model	C6238A
36-in model	C6239A
Legs Kit:	
24-in model	C6069A
36-in model	C6070A
Color upgrade kit for HP DesignJet 430	
HP memory expansion modules:	
16- MB SIMM	C6231A
32- MB SIMM	C6232A
Cleaning Kit	C6247A



As an ENERGY STAR® Partner, Hewlett-Packard Company has determined that this product meets ENERGY STAR® guidelines for energy efficiency.

Visit the HP DesignJet website at
<http://www.hp.com/go/designjet>

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