specification

HEWLETT ® **PACKARD**
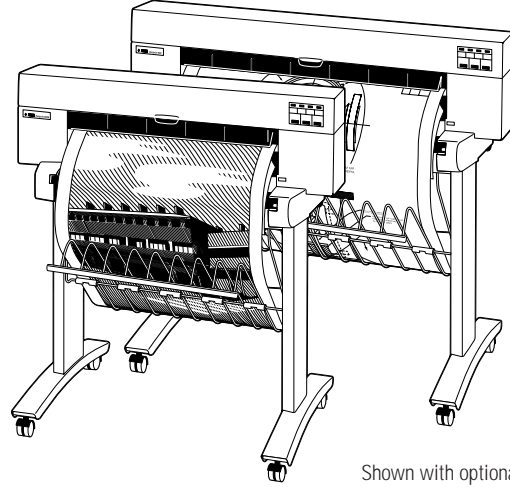Expanding Possibilities

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 to give you quick turnaround and accommodate deadline workloads; prints D-size 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)*
- Flexible enough to fit 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 (E/A0-size model)
- C6082A (D/A1-size model)
- Provides the flexibility to print conceptual proofs (comps, mock-ups) up to 24 and 36 in 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 (E/A0-size model)
  – C4715A (D/A1-size model)
- HP DesignJet 430 printer:
  – Personal black-only printer
  – C4714A (E/A0-size model)
  – C4713A (D/A1-size model)
- 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.

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 (D/A1-size 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

A0/E-size model	Rolls: A0/E or A1 /D ; Sheets: A4/A to A0/E
A1/D-size model	Rolls: A1 /D ; Sheets; A4/A to A1/D
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 100 MB, 500 MB of available hard disk space. Intel Pentium 133 processor with Windows 95, Windows 98, or Windows NT 4.0, 500 MB hard disk space, 32 MB RAM (64 MB 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

Width x Depth x Height — A1/D-size models: 41 x 9 x 31 in   A0/E-size models: 52 x 9 x 13 in

Weight

HP DesignJet 450C and 430*	A1/D-size models: 57 lbs	A0/E-size models: 70 lbs
HP DesignJet 488CA**	A1/D-size models: 62 lbs	A0/E-size models: 75 lbs

Operating Environment

Temperature — Operating, optimal:59º to -86ºF; Storage -40º to 158ºF

Relative Humidity — Operating: 20% to 80%

Power Requirements — Source 100-240 V AC±10%; Frequency 50-60Hz

Power Consumption — 70 watts maximum

Acoustics

	Printing	Idle
(Per ISO DP 7779 standard)		
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 BCIQ 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.

Enviromental — 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:	
A1/D-size models	C6082A
A0/E-size models	C6083A
HP DesignJet 450C printer:	
A1/D-size models	C4715A
A0/E-size models	C4716A
HP DesignJet 430 printer:	
A1/D-size models	C4713A
A0/E-size models	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, media sample, user documentation and power cord. The HP DesignJet 488CA also included HP JetDirect EX Plus external network interface, RIP software for Macintosh and Windows, parallel cable and crossed 10BaseT cable.

Supplies	**HP P/N**
HP print cartridges:	
Black	51640A
Cyan	51644C
Magenta	51644M
Yellow	51644Y

Accessories

Roll feed kit for HP DesignJet 450C and 430:	
A1/D-size models	C4717A
A0/E-size models	C4719A
Spindle:	
A1/D-size models	C6238A
A0/E-size models	C6239A
Legs Kit:	
A1/D-size models	C6069A
A0/E-size models	C6070A
Color upgrade kit for HP DesignJet 430	C4178A
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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