



in-house large-format colour copying



hp designjet copier cc800ps





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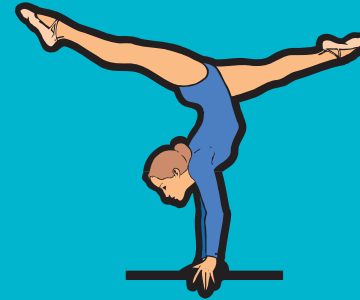
COPY



hp designjet copier cc800ps



a perfect business solution for technical
workgroups and offices



hp designjet copier cc800ps

large-format colour copier, scanner and printer

Designed for technical workgroups, GIS professionals and small print and copy service providers, the HP Designjet Copier cc800ps offers complete convenience of in-house copying, printing and scanning of large-format documents. Affordable and easy to use, its standalone features make it a perfect choice for technical offices and small print copy facilities that are looking for high quality, easy on-demand large-format colour printing and large-format colour copying capabilities.

The HP Designjet Copier cc800ps is suitable for:

- technical workgroups
- GIS professionals
- small print and copy service providers

Costing less than other digital monochrome alternatives, the HP Designjet Copier cc800ps is essential for technical workgroups and GIS professionals who want an integrated in-house large-format print and copy solution that is efficient, reliable and robust.

complete in-house convenience



high performance

- the HP Designjet Copier cc800ps is highly productive and easy to use. Its integrated design enables users to print, scan and copy all in one machine

efficient print speed and superior quality

- the HP Designjet Copier cc800ps delivers high quality photo printing for colour renderings and crisp, clear output for line drawings at impressive speeds. Closed-loop calibration ensures consistent and accurate colour printing, scanning and copying

The HP Color Layering Technology and ColorSync 3.0 (Mac® drivers only) enable the HP Designjet Copier cc800ps to produce concise lines, continuous tone and smooth transitions at a resolution of 2400 x 1200 dpi on HP Premium and glossy photo papers

Print speeds for images are 21 sq ft/hr (2 m²/hr) in best mode, 36 sq ft/hr (3.3 m²/hr) in normal mode and 85 sq ft/hr (7.9 m²/hr) in fast mode

Print speeds for line drawings on A1 size are 60 seconds in black and 90 seconds in colour; 247 sq ft/hr (22.94 m²/hr) in black and 189 sq ft/hr (17.56 m²/hr) in colour. Line accuracy is ±0.2% for ultra precise final output

robust scanning and excellent copy quality

- the HP Designjet Copier cc800ps delivers crisp, clear copied lines, continuous tones and wide colour gamut with resolution up to 2400 dpi
It scans media on a 40" active scanning area and has a linear scan speed of up to 2.9"/sec in black and white mode and 0.31"/sec in true colour 24-bit RGB mode

Delivering a scaled resolution of 2400 x 2400 dpi and an optical resolution of 400 x 400 dpi, the HP Designjet Copier cc800ps supports file types such as TIFF (packbits, G3 and uncompressed), JPEG and CALS G4

The HP Designjet Copier cc800ps features fast hardware digital imaging processing which includes dual 2D-adaptive enhancement, ADL + error diffusion halftoning, colour greyscale 2D adaptive thresholding, 2D blur filter, 2D-sharpening and soften filters. Data can be captured in 36 bits colour and 12 bits greyscale

The HP Designjet Copier cc800ps comes complete with double tri-linear colour CCDs (21360 pixels—RGB triplets) and precision colour calibration in accordance to sRGB and NTSC standards

Additional scanning features include scan to file function

smart copy features

smart copy features

- the HP Designjet Copier cc800ps has the capabilities to print multiple copies, reduce and enlarge the size of documents

It prints up to 99 copies from the original document source. A monochrome copy can be generated in 2.5 minutes for A1 size. Featuring digital processing, the HP Designjet Copier cc800ps delivers a resolution of 300 x 300 dpi in best mode, 200 x 300 dpi in normal mode and 150 x 150 dpi in fast mode

The size of documents can be reduced or enlarged from 1 to 10,000%. Useful settings such as type of original, image alignment and crop preview, lightness, saturation and RGB controls, sharpen/blur, mirror copy, enlarge/reduce, panning, tiling and nesting are included

The HP Designjet Copier cc800ps also has the capability to perform accounting functions for accurate client billing

- the standalone copying feature enables printing to begin in less than 20 seconds at the touch of a button, thus facilitating on-demand copying even when scanning is taking place at the same time. Simple and intuitive one-touch copier-like operation eliminates the need for special training

reliability

- the 6 GB hard drive (for printing purposes), 6.5 GB hard drive (for scanning purposes) and 160 MB RAM ensure the smooth processing of most demanding jobs
- the HP Designjet Copier cc800ps has a duty cycle of 6 million carriage cycles, thus ensuring reliability and smooth workflow

economical

- the modular ink delivery system, which consists of four 69 cc separate colour ink cartridges (CMYK), and durable print heads save time and cost for users

In addition, the colour system minimises user intervention as users need only replace the necessary parts when the need arises

- the HP Designjet Copier cc800ps costs less than other monochrome alternatives, hence reducing costs for users and at the same time enabling them to copy, print and scan large-format documents in superior colour

smart/user-friendly

- the simplified front panel with its one-touch operation ("go" and "cancel" buttons) does not require an external PC or special training to operate, hence allowing users to gain access to the use of the HP Designjet Copier cc800ps quickly and efficiently
- the LCD colour touch screen control panel includes copy preview features which are useful prior to the processing of any print jobs



networkable



versatile paper handling

- the HP Designjet Copier cc800ps handles various types of media, hence meeting the needs and requirements of users

It handles standard media sizes such as ANSI A, ANSI B, ANSI C, ANSI D, ARCH A, ARCH B, ARCH C, ARCH D, ARCH E, ARCH E1, ISO A0, ISO A1, ISO A2, ISO A3, ISO A4, JIS B4, JIS B3, JIS B2 and JIS B1

The HP Designjet Copier cc800ps prints on a wide range of media, which includes 8.3 to 42" (210 to 1066 mm) wide sheets and 24, 36 and 42" (609, 914 and 1066 mm) wide rolls

It handles media types such as HP bright white inkjet paper (bond), translucent bond, natural tracing paper, vellum, clear film, matte film, coated paper, heavyweight coated paper, high-gloss photo paper, semi-gloss photo paper, paper-based semi-glass, satin poster paper, studio canvas, banners with Tyvek® and colour adhesive vinyl

The HP Designjet Copier cc800ps comes complete with a straight through paper path for cardboard originals up to 0.6" (15 mm) thick, output paper single sheet feed, roll feed, automatic cutter and standard bin

connectivity/networkability

- the Adobe® Postscript® 3 RIP (drivers included for Windows® and Mac® environments) facilitates network sharing which is useful for workgroups
- other connectivity features include the HP Jetdirect 610n internal networking card and the IEEE 1284 parallel port
- the HP Designjet Copier cc800ps is compatible with various operating systems and network operating systems, hence ensuring ease of use for users

The HP Designjet Copier cc800ps is compatible with Microsoft® Windows® 95, 98, ME, NT® 4.0, 2000, XP, Mac OS 8.1 or later, and ZEHRaster for Unix®

It also supports network operating systems such as Novell Netware v3.11, 3.12, 4.x, 5.0; NDS (IPX/SPX); NDPS (TCP/IP, IPX/SPX); Microsoft Windows 95, 98 (TCP/IP, IPX/SPX), ME, NT 4.0, XP (TCP/IP, IPX/SPX, DLC/LLC), 2000; IBM OS/2 Warp v 3.0, 4.0 (TCP/IP, DLC/LLC); HP-UX v10.x, 11.x; Sun Solaris 2.5x 2.6; IBM AIX v3.2.5 and later; MPE-IX v5.5 (TCP/IP); line printer Daimon (LPD); Apple System 7.0 and later (EtherTalk); Artisoft LANtastic v7.0 (DLC/LLC); and Internet printing protocol

- connectivity options such as Fast Ethernet 10/100/Base-TX for scan to file features and optional HP Jetdirect 600n/610n (EIO) internal print servers are available to suit the needs of users

hp designjet copier cc800ps

network-ready fast
hp jetdirect 610n
print server (internal)

scanner captures large-
format documents, rigid
originals (up to 15mm
thick) can be scanned
or copied

4-color printer
(CMYK) with
separate ink
cartridges

automatic cutter

integrated stand for small
footprint requirements

simplified front panel with
one-touch operation using
"go" and "job cancel" buttons

LCD colour touch screen
control panel with copy
preview features

print on a wide range
of media—8.3 to 42"
wide sheets or 24, 36,
and 42" rolls

colour copier
creates multiple
copies, enlargements,
and reductions from
a single original



product highlights

- standalone copying operation—doesn't require an external PC
- small footprint—easily integrates into any office environment
- intuitive controls—requires no special training to operate
- robust printing—produce high-resolution colour documents up to 2400 x 1200 dpi on glossy media
- on-demand copying—begins printing in less than 20 seconds after pressing "go" button
- quality scanning—delivers crisp, clear copied lines, continuous tones, and a wide color gamut at resolutions up to 2400 dpi
- robust reproduction—scan or copy originals on rigid media (up to 15mm thick)
- accurate colour—closed-loop calibration guarantees precise colour output

scan

- scanning speed up to 2.9"/sec in B/W mode, and 0.31" colour 24-bit RGB mode
- digital image processing: dual 2D-adaptive, enhancement, thresholding, colour and grayscale sharpening, softening, and blur filter
- up to 2400 dpi scaled resolution
- 400 dpi optical resolution
- scan media up to 42" wide with 40" active scanning area

copy

- one-touch operation via intuitive touch screen control panel
- multiple copies—up to 99 copies from a single scan
- tiling and nesting capabilities
- document enlargement and reduction—1 to 10,000%
- control panel copy/scan preview feature

print

- 160 MB RAM
- 6 GB hard drive
- hp color layering technology
- drivers—AutoCAD™ and Microsoft® Windows 95, 98, NT® 4.0, ME, 2000; supports Adobe PostScript 3 HPGL/2-HP-RTL and CALS/G4
- IEEE-1284 parallel port
- print speeds—A1 size line drawings, 60 seconds; colour, 36 sq ft/hr (metric) in normal mode, 85 sq ft/hr (metric) in fast mode
- hp jetdirect 610n internal networking card
- media handling—single sheet feed, roll feed, automatic cutter

technical specifications
hp designjet copier cc800ps

general features

- Copy and scan operation controlled through an easy to use LCD colour touchscreen
- Copy or scan documents up to 42" wide with 40" active scan width
- Scans while prints: in less than 20 seconds from the time you press the button the copier starts printing
- Single sheet feed, roll feed, automatic cutter
- Four 69 cc ink cartridges (CMYK)and long-life printheads
- Adobe PostScript 3 RIP with drivers for Mac® and Windows®
- No external PC is required for standalone copying
- 12.5 GB of hard disk space available: 6 GB for printed jobs and 6.5 GB for scanned jobs

print

- HP color thermal inkjet printing with HP Color Layering Technology, and ColorSync 3.0 (Mac® drivers only)
- Speed: Images: Best: 21 sq ft/hr (2 m²/hr)
Normal: 36 sq ft/hr (3.3 m²/hr)
Fast: 85 sq ft/hr (7.9 m²/hr)
Line drawings: (D size/A1 size): 60 seconds (black), 90 seconds (colour)
Black: 247 sq ft/hr (22.94 m²/hr)
Colour: 189 sq ft/hr (17.56 m²/hr)
- Resolution: 2400 x 1200 dpi on HP Premium Photo papers (best quality)
- Languages: Adobe PostScript 3, HP-GL/2, HP RTL, CALS G4
- Line accuracy: ±0.2%

scan

- Fast hardware digital imaging processing:dual 2D-adaptive enhancement, ADL + error diffusion halftoning, colour and grayscale 2D adaptive thresholding, 2D blur filter, 2D-sharpening and soften filters
- 40" active scanning width
- Accepts rigid materials up to 15 mm thick
- Double tri-linear colour CCDs (21360 pixels—RGB triplets)
- Scan to file in supports TIFF (packbits, G3 and uncompressed), JPEG and CALS G4
- 36 bits of colour data capture
- 12 bits of grayscale data capture
- Precision scanner colour calibration to sRGB and NTSC standards
- Speed: linear scan speeds up to 2.9"/sec in B/W mode and up to 0.31"/sec in true 24-bit RGB mode 20-second scan to print time (monochrome scanning at 400 dpi)
- Resolution:2400 x 2400 dpi scaled
400 x 400 dpi optical

copy

- 99 copies maximum (from a single original)
- Closed-loop calibration for consistent and accurate colour copy
- Complete digital process (no analog features)
- Monochrome copy in 2.5 minutes (D size/A1 size)
- Quality: Best: 300 x 300 dpi
Normal: 300 x 300 dpi
Fast: 150 x 150 dpi
- Enlarge/reduce: 1 to 10000%
- Settings: type of original, image align and crop preview, lightness, saturation and RGB controls, sharpen/blur, mirror copy, enlarge/reduce, paneling, tiling, and nesting

duty cycle

- 6 million print carriage cycles in the printer. These means that around 5 years before preventive maintenance is requested assuming an average usage of 12 plots a day. For the scanner, a preventive maintenance is advised after 2 years of use in order to perform deep cleaning, scanning glass replacement, and camera calibration

media handling

- Straight-through scan paper path for cardboard originals up to 0.6" (15 mm) thick, output paper single sheet feed, roll feed, automatic cutter, and standard bin
- Standard media sizes: ANSI A, ANSI B, ANSI C, ANSI D, ARCH A, ARCH B, ARCH C, ARCH D, ARCH E, ARCH E1, (ISO A0, ISO A1, ISO A2, ISO A3, ISO A4, JIS B4, JIS B3, JIS B2, JIS B1)
- Custom media sizes: 8.3 to 42" (210 to 1066 mm) wide sheets; 24, 36, and 42" (609,914 and 1066 mm) wide rolls
- Media types: HP bright white inkjet paper (bond), translucent bond, natural tracing paper, vellum, clear film, matte film, coated paper, heavyweight coated paper, high-gloss photo paper, semi-gloss photo paper, paper-based semi-gloss, satin poster paper, studio canvas, banners with Tyvek®, colorfast adhesive vinyl

operating systems

- Microsoft® Windows® (95, 98, ME, NT® 4.0, 2000 and XP), Mac OS 8.1 or later, ZEHRaster for UNIX®
- Network: Novell NetWare v3.11, 3.12, 4.x, 5.0; NDS (IPX/SPX); NDPS (TCP/IP, IPX/SPX); Microsoft Windows 95, 98 (TCP/IP, IPX/SPX), ME, NT 4.0, XP (TCP/IP, IPX/SPX, DLC/LLC), 2000; IBM OS/2 Warp v3.0, 4.0 (TCP/IP, DLC/LLC); HP-UX v10.x,11.x; Sun Solaris 2.5x, 2.6; IBM AIX v3.2.5 and later; MPE-IX v5.5 (TCP/IP); line printer Daimon (LPD); Apple System 7.0 and later (EtherTalk); Artisoft LANtastic v7.0 (DLC/LLC); Internet printing protocol

font capabilities

- 136 PostScript built-in Roman fonts

memory

- Printer: 160 MB maximum and 6 GB hard disk
- Scanner: 6.5 GB hard disk

connectivity

- Centronics parallel IEEE 1284-compliant (ECP), HP Jetdirect 610n (EIO) internal print server for Fast Ethernet 10/100Base-TX, additional Fast Ethernet 10/100/Base-TX for scan to file features
- Optional HP Jetdirect 600n/610n (EIO) internal print servers

environmental ranges

- Operating temperature: 64 to 90 ° F (18 to 32 ° C)
- Recommended operating conditions: 64 to 90 ° F (18 to 32 ° C)
- Storage temperature: -24 to 131 ° F (-20 to 55 ° C)
- Relative humidity: 20 to 80% RH non-condensing

acoustics

- Declared sound power levels: LwAd = 6.7 B(A)
- Declared sound pressure levels: LpAm = 52 dB(A)

power requirements

- Line voltage 100 to 240 AC (±10%) auto-ranging, 50 to 60 Hz, 8 amps maximum

product certification

- Safety certifications: Compliant with the requirements for ITE products: EU (Low Voltage Directive), USA and Canada (UL listed for USA & and Canada), Mexico (NOM-1-NYCE), Argentina (IRAM), Czech Republic (EZU), Poland (PCBC), Russia (GOST)
- Electromagnetic compatibility: Compliant with the requirements for Class A ITE products: EU (EMC Directive), USA (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), Japan (VCCI), Taiwan (BSMII)
- Environmental compliance: Printer is U.S.EPA Energy Star® compliant

power consumption

- 330 watts maximum

dimensions (w x d x h)

- 79.5 x 33 x 59" (2020 x 840 x 1500 mm)

weight

- 396.83 lb (180 kg)

what's in the box

HP Designjet copier cc800ps, built-in HP Jetdirect 10/100 BASE-TX network card, printer and scanning system stands, media bin, spindle, power cords, ink cartridges, printheads, roll of media, HP-GL/2, AutoCAD™ and PostScript® drivers for Windows, PostScript driver for Macintosh, ZEHRaster Plus for UNIX®, HP install network wizard, system recovery software CD, and user documentation. (Interface cables must be ordered separately.)

warranty

- One-year next business day on-site.

further information

For more information on the HP Designjet copier cc800ps, visit our Web site at <http://www.hp.com> and click on products and services. Here you will find information on products, supplies, and accessories for all your computing needs. HP peripherals, personal computers, supplies, and accessories are available at authorised HP resellers worldwide.

For more information, call your local Hewlett-Packard sales office or your nearest HP authorised dealer:

hp customer information centre (for product information)

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ordering information

number	description
Q1262A	HP Designjet Copier cc800ps
hp supportpack options¹	
H4517A/E	Installation for 1 HP Designjet printer
H4518A/E	Installation for 1 network configuration for HP Designjet network printer
U2006A/E	Next business day onsite response, 3 years
H7615A/E	Express repair, 3 years

supplies and accessories

C2390A	HP Spindle, 42"
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hp ink cartridges

C4844A	HP no. 10 black ink cartridge
C4911A	HP no. 82 cyan ink cartridge
C4912A	HP no. 82 magenta ink cartridge
C4913A	HP no. 82 yellow ink cartridge

hp printheads

C4810A	HP no. 11 black printhead
C4811A	HP no. 11 cyan printhead
C4812A	HP no. 11 magenta printhead
C4813A	HP no. 11 yellow printhead

media

C7923A/C7924A	HP Basic Heavyweight coated paper, 24"/36" roll
C7925A	HP Basic Heavyweight coated paper, 42" roll
C8281A/C8282A	HP Basic Coated paper, 24"/36" roll
C8315A/C8316A	HP Basic High-gloss photo paper, 24"/36" roll
C8317A	HP Basic High-gloss photo paper, 42" roll
C8310A/C8311A	HP Basic photo satin paper, 24"/36" roll
C8312A	HP Basic photo satin paper, 42" roll
C6035A/C6036A	HP Bright white paper, 24"/36" roll
C6019B/C6020B	HP Coated paper, 24"/36" roll
C6559B	HP Coated paper, 42" roll
C6029C/C6030C	HP Heavyweight coated paper, 24"/36" roll
C6569C	HP Heavyweight coated paper, 42" roll
C6031A/C6032A	HP Semi-gloss photo paper, 24"/36" roll
C6571A	HP Semi-gloss photo paper, 42" roll
C6813A/C6814A	HP High-gloss photo paper, 24"/36" roll
C6787A	HP Banners with Tyvek®, 36" roll
C6775A	HP Colorfast adhesive vinyl, 36" roll
C6771A	HP Studio canvas
51642A	HP Matte film, 24" roll
51642B	HP Matte film, 36" roll
C3876A/C3875A	HP Clear film, 24"/36" roll
C3862A/C3861A	HP Vellum, 24"/36" roll
C3869A/C3868A	HP Natural tracing paper, 24"/36" roll
C3860A/C3859A	HP Translucent bond, 24"/36" roll

interface & cables

C2951A	IEEE-1284 compliant parallel A-B cable, 3 m
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network

J3111A	HP Jetdirect 600n EIO (10Base2, 10Base-T, LocalTalk)
J4167A	HP Jetdirect 610n EIO (Token Ring)

¹Please check with your local hp resellers for availability of other HP Supportpack option



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