

# HP Designjet 4000

**BRAKENSIEK®**  
SYSTEMHAUS



HP DesignJet 4000

## Overview & product signs

The HP design jet printer equipped with the new Double Swatch Technologie of the serie 4000 prints in high speed in colour and Black and white on media with a width with up to 107 cm. With excellent line exactness and image quality as well as with Remote printer management.

## Functions

### **Double your printer capacities, around the also shortest terms of delivery keep to können<sup>1</sup>**

Work at pressure speeds from up to 2 sides in the A1/D format in colour and Black and white in less than one Minute<sup>2</sup> and up to 100 sides in the A1/D format per Stunde<sup>3</sup>.

With two long long-lasting pressure heads HP for every colour you receive a broader pressure path and a higher shot frequency for quick printing.

Equipped with 256 mb of memory (extendable on 512 mb) for a high efficiency even with your print orders most full of claim.

Save time with the independently of system running multi-file-pressure process without driver.

### **Print sharp line lines as well as pictures in professional quality**

Blacks, pigmented inks deliver full black lines (up to an exactness of 0.1 percent) & a sharp, varied text.

Overriding image quality (up to 2400 x in 1200 dpi) with wafer-thin, uniform colour lines & excellent photos & pictures with details recognizable in shade.

Support of TIFF, JPEG, CALS / G4, HP-RTL, HP-GL / 2, PDF 1.5, & Adobe ® PostScript 34.

Professional HP Color technologies for consistent colours & Screen-to-Print vote (see specifications of the pressure technology).

### **Remote printers management for an excellent control of the printing process**

The pressure quality and pressure reliability optimises the Smart HP Drucktechnologie<sup>5</sup> and activates the integrated web server HP to the remote monitoring of the printer as well as the ink use and media use.

Web HP Jetadmin plug-in delivers a Supporttool for the installation, configuration, supervision and mistake removal.

On the flexibility and experienced reliability the design jet HP of printers & consumption materials you can build.

If a big range supports in media, from normal paper up to special paper, including canvas and glazed paper in the sheet format or as a role from up to 90-metre length.

Choice in colour ink cartridges HP & long-lasting pressure heads to do justice to every need.

Of three-inks-multistack offer important cost savings & more efficient work together with the combination stack.

1 in comparison to design jet HP to printers of the series 600/700/800/1000.

2 mechanical pressure times. Printed in the draught mode on HP Inkjetpapier, highly white one. The given pressure speed is the maximum printer speed.

3 multi-copy printings; printed in the draught mode on HP Inkjetpapier, highly white one. The given pressure speed is the maximum printer speed.

4 PDFs 1.5, Adobe ® PostScript level to 3 Support and PAN TONE™ calibration are available only on the design jet HP 4000ps printer.

5 by the use of original consumption materials HP are available to you all pressure HP features.

## Technical data

Pressure technology: HP thermal colour ink ray pressure, technology HP Color Layering, improved sRGB printing and Adobe RGB, Closed loop colour (CLC), TIFF and JPEG with embedded ICC profiles enlarged graphics

functions: To PAN TONE™ calibration \*, offset's emulation, plus HP CMYK and depth adaptation

Resolution: Up to 2400 x 1200 input on bright lustre media optimised dpi from 1200 x in 1200

Line exactness: Up to 0.1 percent

Ink technology: Vierfarb-, modular ink accessories: C, M, Y (225 and 400cc available), K (400cc)

Ink kinds: Black pigments, CMY colouring-based

Pressure speeds: 5 sec. A1/D formats 1.55 Square metre / min.

93 square metres / H, up to 100 printings in the D/A1 format per hour

Mechanical pressure time. Printed in the draught mode on HP Inkjetpapier, highly white one. The given pressure speed is the maximum printer speed.

Paper supply: Manual role supply: up to 90 metres long up to 135 mm of role diameter

Manual single sheet supply: from media in the A3/B format

Automatic cut device

Standard filing tray: To 50 printings in the A0/E format

Media dimensions: B, C, D, E and up to 107 cm wide / A3, A2, A1, A0 and up to 1067 mm wide

Thickness: up to 0,450 mm

Weight: 50 up to 350 g / m<sup>2</sup>

Media types: Paper (normally, Inkjet, painted, hard and painted, very hard and painted, semi-gloss, brilliantly, clear, tracing paper, photo paper, vellum paper), foil, canvas

Main storage: 256 mb (upgradable on 512 mb), 40 GB of hard disk

Languages: Design jet HP in 4000

HP-GL / 2, HP-RTL, TIFF, JPEG, CALS-G4

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Adobe ® PostScript level 3, Adobe ® PDF 1.5, HP-GL / 2, HP-RTL, TIFF, JPEG, CALS-G4

Driver: HP-GL / 2, HP-RTL, Windows ® driver, Adobe ® PostScript Windows driver, driver ADI of AutoCAD ® R14, support of AutoCAD 200x, support of Citrix Metaframe surroundings, PostScript driver of Mac ® OS 9.1, 9.2, 10.1, 10.2, 10.3

Interfaces: Standard: Almost Ethernet (10/100 Mbps) \*\*, FireWire (Compatible with IEEE-1394a 400 Mbps), 1 EIO slot

\*\* only TCP/IP-Untersützung

Optionally:

HP Jetdirect 620n LAN map, HP Jetdirect 40d Gigabit pressure server for the design jet HP printer of the series in 4000, design jet HP printer of the series in 4000 high-speed map USB 2.0

Operating systems: Windows ® NT 4.0 Workstation, Windows NT 4.0 server, Windows ME, Windows 98, Windows 2000, Windows XP, Windows 2003, Mac OS 9.1, Mac OS 9.2, Mac OS 10.1, Mac OS 10.2, Mac OS 10.3

Netzwerk-Konnektivität: Windows NT 4.0 Workstation, NT 4.0 server, 98, in 2000, Me, XP, server in 2003, Mac OS 9.1, 9.2, 10.1, 10.2, 10.3 Novell net product and AppleTalk (not OS) about Jetdirect available

Optionally: Citrix MetaFrame

Surroundings temperature at company: 15 - 30 ° C

Recommended operating temperature: 15 - 30 ° C

Surroundings temperature with storage:-20 - 55 ° C

Air humidity: 20% to 80% RL

Recommended air humidity: 25% to 75% RL

Achievement requirement: Input tension from from 100 to 127/220 to 240 VAC (± 10%) automatic area choice, max. 6/3 amperes, 50/60 hertz (± 3 hertz)

Consumption: At most: 500 W Standby: 105 W

Noise development:53 dB (A)

Dimensions: (B x T x H) in 1930 x 800 x 1350 mm

Dimensions (for dispatch): (B x T x H) in 2130 x 710 x 1215 mm

Weight: 115 kg

Weight with packaging: 175.9 kg



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