HP Designjet 8000s Printer series

From small signs to large banners, this 1626 mm printer is the perfect tool for any sign maker or digital print shop. With low-solvent inks, this device offers a breakthrough price/performance combination for long-lasting and durable applications.

HP Designjet 8000s
Printer

HP Designjet 8000sr
Printer

This HP Designjet is ideal for sign makers and digital print shops who need a complete, easy to use, low-solvent solution offering high performance at an attractive price, for a wide range of long-lasting indoor and outdoor applications.

Print more and pay less with this high speed HP Designjet printer series.
Print signs, banners and more at a breakthrough price with fast output of 10 m² per hour (at 540 x 720 dpi). Experience high speed printing with six heavy-duty Piezo printheads with 256 nozzles per printhead Produce striking signs with the easy to use, in-the-box RIP[1]: Onyx® SignEZ v7.0 for HP Designjet. Improve productivity with long, unattended print runs enabled by the HP Take-Up Reel[2]. Minimise your costs and get lasting output on a wide range of economical, uncoated media.

Make an impact with vivid colours and excellent durability for a wide range of signage applications.
Create signs and banners which radiate bright colours, enabled by 720 x 720 dpi. HP low-solvent ink and printhead technology enable a higher colourant concentration for a superior colour gamut. Produce durable prints that resist fading for 3 years without lamination[3] and are scratch, smear and crack resistant. Get premium image quality and high opacity on HP media: HP Premium Scrim Banner, HP Premium Self-adhesive Vinyl and HP Premium Backlit Film, designed with HP low-solvent inks.

Achieve success with this comprehensive, easy to use and safe HP large format printing solution.
Boost performance with HP, your one-stop shop for your large-format printer and all the supplies you need. Grow your business with this complete, scalable printing solution: add optional accessories[2] including HP Take-Up Reel, HP High Speed Dryer and HP Air Purifier System created for HP Designjets for a clean, safe, print environment. Experience simplified printer maintenance and easier media handling. HP guidelines help make HP low-solvent ink printing safe, productive and easy.

[1] In-the-box RIP: Onyx® SignEZ v7.0 with 8000sr model only; 3rd party RIP required for 8000s (not included, purchase separately)
[2] Not included, sold separately
Dryer required when printing at high speeds and using HP Take-Up Reel Kit, and when prints need to be manipulated immediately; requires 230 V circuit
[3] Image permanence and application durability under typical exposure in vertical conditions and varies as environmental conditions change.

Series at a glance

HP Designjet 8000s Printer (Q6686A)
- Base model without any RIP or driver
- media width up to 1626mm
- print speed of 10.2 m2 per hour (at 540 x 720 dpi)
- 720 x 720 dpi print resolution
- six 500 ml HP low-solvent inks with high concentration of colourants for a wider gamut and vivid colours
- optional HP Designjet Air Purifier System for safer printing environment
- optional HP Designjet 8000s Take-up Reel Kit for unattended long print runs
- adjustable printhead height
- three integrated heaters for proper ink adhesion at fast print speeds.

HP Designjet 8000sr Printer (Q6670A)
- Same as Q6686A HP Designjet 8000s plus in-the-box RIP Onyx® SignEZ v7.0 for HP Designjet. This RIP includes all essential tools for any sign maker or digital print shop: easy-to-use interface
- WYSIWYG printing and PANTONE® Spot Color Matching
- fast and easy size
- crop
- tiling and nesting
- production-reliable Postscript/PDF RIP engine
- Onyx Color Management for superior output.

Recommended accessories

Q6668E
HP Designjet Air Purifier System - 220V

Q6681A
HP Designjet 8000s Take-Up Reel Kit

Q6667A
HP Designjet High Speed Dryer

Q6710A
HP Designjet APS Filter

Q6669B
ONYX® PosterShop® 7.0 for HP Designjet

Q6682A
HP Designjet 8000s Cutter Blade Kit

Top 3 Accessories description

HP Designjet Air Purifier System - 220V (Q6668E)

Count on HP for a clean, safe [4] print environment. Add this air purifier system - specially designed for HP low-solvent inks - to your HP Designjet printer for highly efficient air filtration. The APS includes the tubes that connect to the printer. Highly effective carbon filter removes hazardous substances released from solvent inks. Access air purification system data through a front-panel display unit. Easily replace the filter through the front door on the system.

[4] When used appropriately, according to the product's guidelines.

HP Designjet 8000s Take-Up Reel Kit (Q6681A)

Print long runs or on long printing materials. Get continuous, unattended printing with this take-up reel which re-rolls printed media, allowing for long print runs, overnight and printing on long printing materials. Improve workplace efficiency. This accessory turns and winds up printed media onto a reel. Print long runs, on long printing materials, and easily handle completed prints. Sturdy reel supports four positions: slack/face-in, slack/faceout, tight/face-in, and tight/face-out.

HP Designjet High Speed Dryer (Q6667A)

Improve productivity. Dry prints as quickly as the automatic take-up reel can roll them up. With the high-speed dryer and take-up reel, you can complete jobs at a rate of up to 15.3 m2/hr. The integrated dryer and take-up reel enable unattended print runs. Completely dry prints with user-adjustable heater and blower unit. Use variable controls on top of the dryer unit to set the heater temperature and to adjust the fan airflow. Dryer's off timer allows unattended drying for up to 12 hours.

Ordering information

HP Designjet 8000s Printer (Q6686A)

HP Designjet 8000s Printer, USB cable, coated paper, cleaning kit, ink cartridges (6), ink box cover, printhead set (6), waste-ink bottle holder, waste ink bottle (2), exhaust attachment kit, stand assembly including screws and open ended spanner, pipe for media support, media support holder (2), media support stay (2), screws and screwdriver for assembly, power cord, CD (containing User Guide, legal information and Maintenance Guide), hard copy Users Guide & Maintenance Guide, 76.20 millimeters paper roll flanges (2), paper roll flange spacer (2)

HP Designjet 8000sr Printer (Q6670A)

Same as Q6686A with in-the-box RIP: Onyx® SignEZ v7.0 for HP Designjet

Accessories, Supplies and Support

Accessories	
Q6668E	HP Designjet Air Purifier System - 220V
Q6681A	HP Designjet 8000s Take-Up Reel Kit
Q6667A	HP Designjet High Speed Dryer
Q6710A	HP Designjet APS Filter
Q6669B	ONYX® PosterShop® 7.0 for HP Designjet
Q6682A	HP Designjet 8000s Cutter Blade Kit

Supplies	
CB285A	HP 780 500 ml Black Ink Cartridge
CB286A	HP 780 500 ml Cyan Ink Cartridge
CB287A	HP 780 500 ml Magenta Ink Cartridge
CB288A	HP 780 500 ml Yellow Ink Cartridge
CB289A	HP 780 500 ml Light Cyan Ink Cartridge
CB290A	HP 780 500 ml Light Magenta Ink Cartridge
CB291A	HP 780 Waste Ink Bottle
CB301A	HP 780 Wiper Cleaning Kit
CB302A	HP 780 Cap Cleaning Kit
CB303A	HP 780 Ink System Cleaning Kit
CB308A	HP 780 Ink System Storage Kit

Service & support

UE157A/E HP Care Pack, Next Business Day On Site, 3 years
UE163A/E HP Care Pack, 13x5 4h On Site, 3 years
UE166PA/PE HP Care Pack, Post Warranty, Next Business Day On Site, 1 year
UE168PA/PE HP Care Pack, Post Warranty, 13x5 4h, 1 year
UE158E HP Care Pack, Next Business Day On Site, 4 years
UE159E HP Care Pack, Next Business Day On Site, 5 years

For a complete list of supplies, accessories and services, please refer to http://www.hp.com

Technical specifications

Print technology	Piezo Inkjet
Printhead nozzles	256 nozzles per head x 6 colours
Print quality	Up to 720 x 720 dpi
Number of inks	Black, cyan, magenta, yellow, light cyan, light magenta
Ink types	HP low-solvent pigmented inks
Ink drop size	12 pl
Lightfastness	3 years without lamination. Based on internal HP testing under specific test conditions and relative to key competitors
Print speed	Economic quality: 15.3 m²/hr. Productivity quality: 10.2 m²/hr. Normal: 8.17 m²/hr. Photo quality: 4.08 m²/hr
Line	Line accuracy: +/- 0.3 % or +/- 5 mm whichever is larger
Memory	Standard : 192 MB; maximum : 192 MB
Print margins (mm)	**Roll** top: 5 mm bottom: 5 mm left: 5 mm right: 5 mm
Media types	Paper, self-adhesive vinyl, banner scrim, films, fabrics
Media sizes	Standard: A0, A1, A2. Custom: Rolls up to 1626 mm width
Maximum media length	Roll: 50 m
Maximum media width	1626 mm
Maximum print length	15 m (RIP dependant)
Media thickness	Up to 0.63 mm
Roll	Maximum weight: 24 kg
Print head height	2.1 to 2.6 mm
Media handling	Roll feed, optional 4-position take-up roll, manual cutter
Interface and connectivity	Standard: Hi-Speed USB (compatible with USB 2.0 specifications)
Operating systems compatibility	For ONYX® SignEZ v7.0 for HP Designjet and ONYX® PosterShop® 7.0 for HP Designjet: Windows® 2000 Server (with latest Service Pack), 2000 Professional (with latest Service Pack), XP Professional Service Pack 2
Minimum system requirements	Windows® 2000 Server (with latest Service Pack), 2000 Professional (with latest Service Pack), XP Professional Service Pack 2; Intel® Pentium® III/AMD Athlon™, 1.5 GHz or higher; 1 GB RAM per printer; 40 GB hard drive; 1280 x 768 16-bit colour display; DVD-ROM drive
Recommended system requirements	Windows® 2000 Server (with latest Service Pack), 2000 Professional (with latest Service Pack), XP Professional Service Pack 2; Intel® Pentium® IV, 2.5 GHz or higher; 1 GB RAM per printer; 120 GB Serial ATA hard drive; 1280 x 768 16-bit colour display; DVD-ROM drive
Power	Requirements: Printer: Input voltage: 100 to 120 VAC (+/- 10%), 50/60 Hz +/-1 Hz, 1.3 amp; 230 VAC (+/- 10%), 50/60 Hz, +/- 1Hz, 0.75 amp; heater: 100 to 120 VAC (+/- 10%), 50/60 Hz +/- 1 Hz, 9.5 amp; 230 VAC (+/- 10%), 50/60 Hz +/- 1 Hz, 5.0 amp. Consumption: Printer: 150 watts maximum; printer with heater active: 1350 watts maximum
Dimensions (w x d x h)	Out of package: 2846 x 830 x 1255 mm. Packaged: 2960 x 980 x 930 mm
Weight	Out of package: 217 kg. Packaged: 321 kg
Operating environment	Operating temperature: 15 to 30° C. Recommended operating temperature: 15 to 30° C. Operating humidity: 30 to 70% RH. Operating humidity recommended: 30 to 70% RH. Storage temperature: 5 to 35° C. Storage humidity: 10 to 80% RH. Sound pressure: LpAm 7 dB(A)
Certifications	Compliant with Class A requirements including EU (EMC Directive), USA (FCC rules), Canada (DoC), Australia (ACA), New Zealand (MoC), Japan (VCCI), Korea (MIC), Taiwan (BSMI). Regulatory standards: Compliant with IEC 60950, including EU LVD and EN60950, CSA certified for US and Canada, Mexico, NYCE, Argentina, IRAM, Singapore PSB, Russia VNIIS
Warranty	One-year warranty

http://www.hp.com   http://www.hp.com/go/designjet