

HP Designjet 10000s Printer series



Expand your business with the high-quality superwide 104-inch/264-cm HP Designjet 10000s Printer. Increase sales with new services and offerings, and increase revenue with media handling tools that enhance productivity and easy-to-use supplies.



Boost business with high-quality 104-inch signage

- **Impress customers with new, durable high-quality super wide – 104 inch applications.** Increase your application span with extra width and provide more options to customers – attracting a wider customer base and a larger portion of the market.
- **High productivity and printing on uncoated media for lower running costs and greater ROI.** Produce great looking, lasting output on uncoated media and increase the return on your investment. Combine lower running costs with high-power productivity for a very safe, profitable investment.
- **Expand your reach with digital technology – this HP Designjet is your answer to shorter print runs.** This printer has the speed and low running costs that make digital technology not only attractive today but also financially feasible.

High-power productivity tool

- **Heavy-duty HP printheads and HP supplies for maximum productivity.** Experience high-speed printing with six heavy-duty Piezo printheads that come with 512 nozzles per head for a total of 3,072 nozzles. 1000 ml, HP 790 ink cartridges are designed to meet your usage needs.
- **HP's super heavy duty take-up reel supports rolls weighing up to 242 lbs (110 kg).** Sophisticated media handling with a super heavy duty take-up reel supports 2 preloaded rolls for side-by-side printing. Enhance productivity with the added convenience of long, unattended print runs, and experience greater efficiencies overall.
- **HP Smart printing technology³ makes HP low-solvent printing supplies easy to use and manage.** Interactive system technology, in HP ink cartridges, printheads, and your printer, optimizes print quality and reliability and monitors ink levels.
- **Dry signs quickly and safely⁴ with the easy-to-operate HP Designjet 104-inch High Speed Dryer⁵.** Add this optional high-speed dryer and accelerate drying time. Combine the dryer with the automatic Take-Up Reel Kit and enable long, unattended print runs at maximum print speeds.

Super wide, durable signage with vivid colors

- **Wow your clients with high-quality color output that shines brightly.** Create super wide signs, banners, and large graphics with striking, vivid colors that command attention. Sophisticated HP low-solvent ink formulations and printhead technology enable a higher concentration of colorants in the inks to produce a wider gamut of rich, saturated color¹.
- **HP low-solvent inks* – excellent durability without lamination on low-cost, uncoated media.** Designed with the HP Designjet 10000s Printer, HP low-solvent ink formulations produce durable prints that resist fading for three years without lamination and are scratch, smear, and crack resistant².
- **Premium image quality² – HP printing materials designed with HP low-solvent inks.** With HP Premium Scrim Banner, HP Universal Scrim Banner, and HP Premium Backlit Film, get premium image quality and high opacity³.

Safety and support – at HP, your needs come first

- **Have a clean, safe⁴ print environment with an integrated air purifier⁶ created for HP Designjets.** This printer-connected system uses a sealed, carbon-activated filter and high-powered fan to filter air at a rate consistent with the print speed and the number of volatile organic compounds released during the printing process.
- **HP guidelines help make HP low-solvent ink printing safe, productive, and easy.** Following HP's installation and use guidelines helps you achieve a reliable and productive low-solvent ink printing solution and helps you address environmental, health, and safety questions about printing with HP low-solvent inks.
- **HP offers the cleaning supplies and replacement ink cartridges needed to maintain your system.** HP training and guidelines help you implement environmentally responsible and safe practices for the purchase, installation, operation, handling, and maintenance of HP's low-solvent printing supplies that have been designed together for HP quality and reliability.
- **Experience peace of mind, knowing you're covered with HP's award-winning service and support.** HP's award-winning customer service and support backs every product with a one-year limited warranty; fast, knowledgeable online e-Support available 24/7 at www.hp.com/support; and easy-to-access phone support provided by HP trained agents. Plus, you can enhance your warranty protection with the purchase of affordable HP Care Pack Services.



1. 1000 ml HP Ink supplies
2. HP Super heavy duty take-up reel
3. Dual Roll printing

(1) Compared to other large-format printers within the same price range. Based on the recognized standard printing mode in the digital print industry – 720 dpi with four passes per color – published by manufacturers as of 2006

(2) Based on internal HP testing under specific test conditions and relative to key competitors

(3) Using genuine HP supplies ensures availability of all HP printing features

(4) When used appropriately, according to the product's guidelines

(5) This dryer is available as an optional (not included, sold separately) accessory with the HP Designjet 10000s Printer. A dryer is required when printing at high speeds and using the automatic take-up reel to roll up output, and when prints need to be manipulated immediately. This dryer requires a 230 V circuit

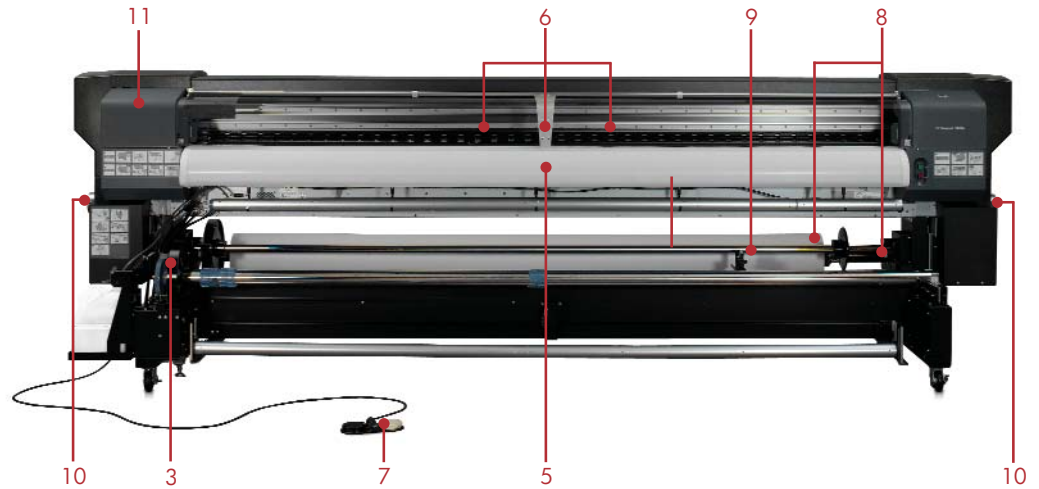
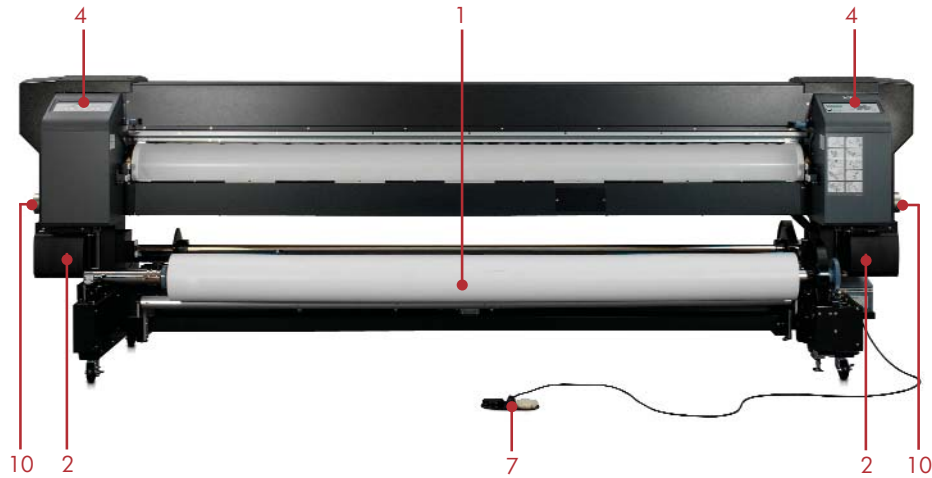
(6) The HP Designjet 10000s Air Purifier System is available as an optional (not included, sold separately) accessory with the HP Designjet 10000s Printer

* HP low-solvent inks are defined according to what is currently known in the industry as low-solvent inks.



HP Designjet 10000s Printer series

1. Up to 104 in/264 cm wide
2. 1000 ml, HP 790 ink cartridges with "hot swap", which allows you to change an ink cartridge without interrupting the print job
3. Heavy-duty HP Take-Up Reel that supports weight up to 242 lbs/ 110 kg
4. Front panel
5. USB 2.0 Hi-speed connectivity
6. 3 user-controllable integrated heaters
7. Footswitch (x2)
8. Main scroller
9. Sub scroller
10. Exhaust attachments for efficient removal of Volatile Organic Components (VOC) included in the printer box
11. Printhead height adjustable to 2 different positions



Double Sided Printing

Print double-sided banners and increase your application span. Minimize your production costs by printing on dual-sided banner material.



Dual Roll Printing

The Dual-Roll printing feature is ideal for long production runs or to double up print jobs. Dual-Roll printing increases your return on investment by improving your workflow efficiency and saving on cutting costs.



Mesh without Liner Printing

Engineered to reduce mesh printing costs, the HP Designjet 10000s can print directly on to unbacked mesh. The printer uses a special secondary roll-feed which automatically feeds a backing roll of HP Liner material under the mesh to catch unused ink. The HP Liner material roll is sold as an optional accessory, it is not included in the printer box.



The HP Designjet 10000s Printer series, HP low-solvent ink cartridges, and printing material were all designed, engineered and tested together to ensure uncompromising reliability, image quality, durability, performance and ease of use. The total HP printing solution is composed of the following accessories:

HP Designjet 9000s/10000s Air Purifier System

Put your confidence in HP. Add this air purifier system (APS) - 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.

Count on HP for a clean, safe* print environment

- **Highly effective carbon filter removes hazardous substances released from solvent inks.**
- **Return cleaned air to the working area or divert it outside.** This air purification system is equipped with a standard sealing device, and collected pollutants are led automatically through the filter.

Easily operate with front-panel display unit

- **Access air purification system data through a front-panel display unit.**
- **Easily replace the filter through the front door on the system.**

* When used appropriately, according to the product's guidelines.



HP Designjet High Speed Dryer – 104 inch

Add this high-speed dryer to your HP Designjet 10000s Printer and accelerate drying time.

Improve productivity - dryer reduces drying time

- **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 322 ft²/hour (29.9 m²/hour). The integrated dryer and take-up reel enable unattended print runs.

Easily operate high-speed dryer

- **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**

Count on a dryer that was designed for safety

- **Built for high-volume, commercial print environments**



Onyx® PosterShop® 7.0 for HP Designjet

Use this Onyx® PosterShop® RIP to print job after job of the best colors your printer can produce. Efficiently manage jobs and handle production with job preflight and printer queue tools.

Print the colors your customers expect

- **Make color changes - to precise spots or entire images - with intuitive color correction tools**
- **Have CMYK colors pop with PosterColor color rendering**

Print and customize jobs quickly and easily

- **Modify jobs and see final layout on your screen before printing with easy-to-use preflight controls technology by Onyx®**
- **Print directly from your creative applications or from Hot Folders that specify job properties**
- **Add cut marks to your print jobs easier than ever with this RIP's contour cutting workflow**

Manage media and calibrate your printer as needed

- **Use the RIP's default media calibration tables, or add and calibrate your own printing materials**



HP Designjet 10000s Complete Solution

HP Designjet 10000s Printer series - 220V

Technical specifications

Print speed	88 ft2/h (8.17 m2/h), color image on vinyl media 176 ft2/h (16.35 m2/h), color image on vinyl media 220 ft2h (20.4 m2/h), color image on vinyl media 322 ft2/h (29.9 m2), color image on vinyl media
Print resolution maximum	720 x 720 dpi
Print margins	(Top x bottom x right x left): 0.2 x 0.2 x 0.2 x 0.2 in/5 x 5 x 5 x 5 mm (Top x bottom x right x left): 0.2 x 0.4 x 0.2 x 0.4 in/5 x 10 x 5 x 10 mm
Memory	384 MB
Media	Roll to roll, 2-position support take-up reel Paper, self-adhesive vinyl, banner, scrim, films, fabrics, mesh 0.002 - 0.024 in/0.07 mm - 0.63 mm 0.826 to 0.102 in/2.1 to 2.6 mm 36 in/914 mm 104 in/2641 mm Main scroller: 242 lb/110 kg Sub scroller: 53 lb/24 kg Main scroller: 10.6 in/270 mm Sub scroller: 6.5 in/165 mm
Printing	Piezo-electric inkjet heads 720 x 720 dpi Cyan, magenta, yellow, black, light cyan, light magenta HP low solvent pigmented inks 12 pl 1000 ml per color 512 nozzles per head x 6 colors 165 ft/50 m (RIP dependent) 102.4 in (260 cm)
Heater	3 independent heating systems Front, print and rear areas 59 to 131 °F/15 to 55 °C USB 2.0 Hi-speed
Interfaces	USB 2.0 Hi-speed
Dimensions (w x d x h)	Printer: 146 x 33.9 x 47.3 in/3710 x 890 x 1210 mm Shipping: 154 x 43 x 62 in/3900 x 1100 x 1570 mm
Weight	Printer: 838 lbs/380 kg Shipping: 1300 lb (600 kg) approx.
What's in the box	HP Designjet 10000s Printer, printheads (6), 1000 ml color cartridges (6), waste bottle, media roll, paper tube 104 inch (set of 2), maintenance kit, screwdriver, main scroller grips, main scroller (set of 2), subscroller, tension bar (2 with flanges, 1 without flanges), rubber spacers (A, B and C), tension bar guides (one set), media for adjustment, paper tube flanges (set of 2), tension bar holder (set of 5), shaft stopper (2 sets of 2 parts each), edge guard, footswitch, liner separator, dual roll set, exhaust attachment kit, second waste ink bottle, quick reference guide, maintenance manual, legal document, documentation CD, USB cable, 2 power cords

Environmental ranges	Recommended operating temperature: 59 to 86 °F/15 to 30 °C Storage temperature: 41 to 35 °F/5 to 35 °C Operating humidity range: 30 to 70% RH Recommended humidity range: 30 to 70% RH
Acoustic	Sound pressure, active: 60 dB (A) Sound pressure, standby: 45 dB (A)
Power consumption	Printer active: 200 watts Printer with Heater active: 1440 watts Maximum (Printer & Heater): 2300 watts
Power requirements	Printer: Input voltage; 220-240 VAC (+/-10%), 50/60 Hz (+/- 1 Hz), 2 amp Heater: 220-240 VAC (+/- 10%), 50/60 Hz (+/- 1 Hz), 8 amp
Certification	Safety certification: Compliant with IEC 60950, including EU LVD and EN60950, CSA-certified for US and Canada, Russia VNIIS Electromagnetic certification: Compliant with Class A requirements including EU (EMC Directive), USA (FCC Rules), Canada (DoC), Australia (ACA), New Zealand (MoC), Korea (MIC), WEEE, ROHS Environmental certification: WEEE, ROHS
Warranty	Printer: One year system warranty Printheads: One year warranty (EMEA), 6 months heads (US, CA, LAR, AP (except JP))
Care Packs	HP 1yr Next business day Printhead Support (LAR, AP) HP 3yr Next business day Hardware support (NA, EMEA) HP 4yr Next business day Hardware support (EMEA) HP 5yr Next business day Hardware support (EMEA) HP 3yr 4hr 9X5 Hardware support (EMEA) HP 3yr 4hr 13X5 Hardware support (EMEA) HP 1yr Post Warranty Hardware support (NA, EMEA) HP 1yr Post Warranty 4hr 9X5 Hardware Support (EMEA) HP 1yr Post Warranty 4hr 13X5 Hardware Support (EMEA) HP 3yr Next business day w/o Printhead Hardware support HP 1yr Post Warranty Next business day w/o Printhead Hardware support (LAR, AP) HP 3yr Next business day Printhead Hardware support (LAR, AP) HP 1yr Post warranty next business day Printhead Hardware support (LAR, AP) HP Installation and Training Designjet 8000/9000/10000 Service (NA) HP 2 yr Next Business Day HP Designjet 10000s Hardware support (NA)

Accessories - technical specifications

HP Designjet High Speed Dryer - 104 inch

What's in the box	HP Designjet High Speed Dryer unit, support stay, foot with castor (2), stand (2), M5 x 12L hexagon socket head bolt (16), hexagon bar wrench, assembling instructions, operation manual, power cable in compliance with regional power
Product weight	132.3 lb/60 kg
Package weight	194 lb (88 kg) approx.
Product dimensions	130.3 x 24 x 34.25 in/ 3310 x 610 x 870 mm
Power consumption	3300 watts

HP Designjet 9000s/10000s Air Purifier System

What's in the box	HP Designjet 9000s/10000s Air Purifier unit with 2 filters elements inside, APS printer connection set, user's guide, power cord in compliance with regional power
Product weight	209 lb/95 kg plus tube connections
Package weight	253 lb/115 kg
Product dimensions	14.3 x 31.5 x 31.3 in/365 x 801 x 797 mm
Power consumption	1600 watts
Fan power	12713 ft3/hr (360 m3/hr)

Minimum PC operating system requirements for the Onyx® PosterShop® 7.0 for HP Designjet

Windows XP Pro with latest SP, Windows 2000 Pro with latest SP, Intel Pentium 3 or higher, Athlon, 2.5 GHz or higher, Dual CPC for multiple RIPs, one 80 GB Hard Drive (preferably two 80 GB Hard Drives for optimal performance) 1 GB RAM per CPU, 1280 x 768 16 bit color display, one USB Port required for security key, DVD-ROM drive

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Ordering information

Product	Q6693A HP Designjet 10000s Printer - 220V
Accessories	Q6694A HP Designjet High Speed Dryer - 104 inch Q6668C HP Designjet 9000s/10000s Air Purifier System 220V Q6668D HP Designjet 9000s/10000s Air Purifier System 110V Q6679A HP Designjet APS filter Q6696A Liner for HP Designjet Q6669B ONYX® Postershop® 7.0 for HP Designjet
Ink supplies	Cartridges CB271A HP 790 Black Ink Cartridge, 1000 ml CB272A HP 790 Cyan Ink Cartridge, 1000 ml CB273A HP 790 Magenta Ink Cartridge, 1000 ml CB274A HP 790 Yellow Ink Cartridge, 1000 ml CB275A HP 790 Light Ink Cartridge, 1000 ml CB276A HP Light Magenta Ink Cartridge, 1000 ml
Waste Ink Bottle	CB299A HP 790 Waste Ink Bottle
Maintenance Kits	CB293A HP 790 Wiper Cleaning Kit CB294A HP 790 Cap Cleaning Kit CB296A HP 790 Ink System Cleaning Kit CB297A HP 790 Ink System Storage Kit
Media supplies	Q8678A HP Premium Scrim Banner 36 in x 164 ft/914 mm x 50 m (NA & EMEA) Q8679A HP Premium Scrim Banner 54 in x 100 ft/ 1372 mm x 30.48 m (NA & EMEA) Q8680A HP Universal Scrim Banner 36 in x 164 ft/914 mm x 50 m (NA & EMEA) Q8681A HP Universal Scrim Banner 54 in x 100 ft/1372 x 30.48 m (NA & EMEA) Q8682A HP Premium Self adhesive Vinyl- 54 in x 150 ft/ 1372 mm x 45.7 m (NA & EMEA) Q8683A HP Premium Self adhesive Vinyl- 60 in x 150 ft/ 1542 mm x 45.7 m (NA & EMEA) Q8684A HP Premium Backlit Film 36 in x 66 ft/914 mm x 20 m (NA & EMEA) Q8685A HP Premium Backlit Film 54 in x 66 ft/ 1372 mm x 20 m (NA & EMEA) Q8686A HP Universal Photo-realistic Paper- 36 in x 150 ft/ 914 mm x 54. 7 m (NA & EMEA) Q8687A HP Universal Photo-realistic Paper- 54 in x 150 ft/1372 x 45.72 m (NA & EMEA)

For more information, visit our website at

www.hp.com/go

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