



HP Designjet printing  
solutions for Graphics  
Print Service Providers

# HP Designjet printing solutions for Graphics Print Service Providers

## Whatever your needs, there's now an HP Designjet that delivers

While the term graphics Print Service Providers offers a convenient catch-all description of businesses in this sector, it's a hugely diverse market, ranging from small independent digital-print shops and graphic service bureaux, through multiple print & copy shop franchises, to large commercial printers and display/exhibition specialists. But, as the name indicates this definition mainly applies to those Print Service Providers focused on producing graphics applications.

Each faces its own challenges, be it price pressure, higher customer expectations, broader competition or simply the need to differentiate, but all have one thing in common: digital printing will be at the heart of future growth.

However, while your company shares a common direction with other large format PSPs, your businesses, values, customers and requirements are likely to be entirely different. It might be that faster response times will drive your business over the coming years, or keener pricing, superior image quality or the ability to produce a wider range of applications to attract new customers.

At HP we understand these differences - and that's why we offer not only a choice of large format digital print technologies, but also a comprehensive range of optional accessories to help you create the right solution for your particular business.

HP offers the widest range of printing solutions in the PSP market encompassing different print technologies to meet all application and customer needs: from the low- and mid print volumes of the HP Designjet family of printers to the high print volumes of the HP Scitex family of printers.

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

## Making the right choice?

To help you select the best HP Designjet printing solution, just answer the three questions below. They will guide you to the right solution for your business.

### 1. What type of applications do you produce?

This is the most important question in the purchase process. Different types of applications have different requirements in terms of size, image quality and durability. On the next page you will find some examples of the most typical applications produced by graphics Print Service Providers.

### 2. Looking for a versatile or specialized solution?

If you are a print shop mainly producing large format output, you have a lot of expertise and your business is very focused. This means you need a more specialized device. If you are quite new to the large format printing business, you might want to consider a printer that can handle multiple applications. This type of printing solution will enable you to fulfill the needs of a wide range of customers.

### 3. What's your working environment?

This is the last question in this quick selection process. You might work in a print shop that has a dedicated production area or you need the printer to be placed in an office-like environment. This is an important aspect when you are considering to buy a printer.

The table below shows the three HP Designjet printers that have been specifically designed to meet the needs of PSPs and, as you can see, our range now also includes the latest HP "Low Solvent"(\* ink Technology. These state-of-the-art systems complement the existing HP Designjet 5500 aqueous ink technology by offering a competitive combination of high print speeds and low cost materials for outdoor applications.

1 What type of applications do you produce?

2 Looking for a versatile or specialized solution?

3 What's your working environment?

Primary application

Secondary application

Application versatility

Working environment

Key Features

Size

Ink technologies

Print Speeds (Mid IQ)

Indoor Photo/Fine Art



POP



Exhibition graphics



Outdoor signage



Banners



Vehicle graphics



HP Designjet 5500



HP Designjet 8000s



HP Designjet 9000s

- Indoor Photo/Fine Art
- POP
- Exhibition graphics

- Outdoor signage
- Banners
- Vehicle graphics

- Outdoor signage
- Banners
- Vehicle graphics

- Short Term
- Outdoor signage

- Basic IQ Indoor exhibition
- POP

- Basic IQ Indoor exhibition
- POP

- High (on coated media)

- Medium (on uncoated media)

- Medium (on uncoated media)

- Office like

- Need HP APS or ventilation

- Need HP APS or ventilation

- 42 in/60 in  
106 cm/152 cm

- 64 in/162 cm

- 64 in/162 cm

- HP Aqueous

- HP Low Solvent

- HP Low Solvent

- 100 sqf/h  
9 m<sup>2</sup>/h

- 88 sqf/h  
8 m<sup>2</sup>/h

- 176 sqf/h  
16 m<sup>2</sup>/h



# Which one's right for you?

On the previous pages we looked at the three key questions to ask when deciding on the right printer for your business, so it's likely you now have an idea of which will be most suitable. However, it's worth taking a closer look at the benefits of, and typical applications for, each of these printer series.

## HP Designjet 5500 Printer series

Combines high productivity, uncompromising image quality, and "intelligent" printing solutions that simplify workflow and allow unattended printer operation. Flexible for varied work environments, the series supports multiple ink sets and a wide range of media and new production print modes make it easy for you to create ready-to-sell, large format documents quickly.

### Ideal for

Print shops new to large format printing whose main focus will be on indoor graphics/signage, photo quality/fine art outputs and some short term outdoor signage. These customers will value ease of use and the flexibility to produce multiple applications on a single high productivity device.

## HP Designjet 8000s Printer series

From small, durable signs to large banners, this 64 in/1626 mm printer is the perfect tool for any print or sign shop. Experience a breakthrough price/performance combination with this low-solvent large-format device for a wide range of long-lasting applications.

### Ideal for

Sign shops, specialized in outdoor signage, who are new to digital printing and looking for a complete long term solution. Also digital print shops wanting to expand into outdoor signage via a solution offering both high performance and low operating costs.

## Completing the solution

### HP Designjet 5500

42 inch (1060 mm) and 60 inch (1520 mm) models available

**HP Designjet 5500ps with built-in Adobe PostScript 3 RIP or HP Designjet 5500 RIP-ready version for use with external RIP solution**

**HP Dye Ink upgrade kit - HP UV Ink upgrade kit**

### HP Designjet 8000s

**HP Designjet 8000s Take-Up Reel Kit**

With the HP Designjet 8000s Take-Up Reel Kit, busy print and sign shop employees can make the most of their time by printing continuous, unattended runs.

**HP Designjet 8000s Air Purifier System**

Add this air purification system (APS) to your HP Designjet 8000s Printer for highly efficient air filtration.

**HP Designjet High Speed Dryer**

Add this high-speed dryer to your HP Designjet 8000s printer and accelerate drying time for improved printer productivity.

(\* 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 December 2005

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### HP Designjet 9000s Printer series

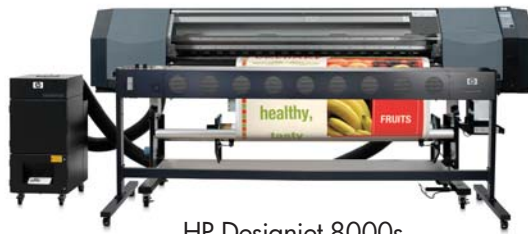
Create long-lasting outdoor signage with the fastest printer in its class.<sup>(\*)</sup> This 64 in/1626 mm HP Designjet is an excellent tool to boost production and profitability: increase your print volume, improve your services, and reduce your costs.

#### Ideal for

Sign shops, print shops and screen or commercial printers expanding into outdoor signage; customers choosing this series will need high speeds and high productivity via a cost efficient solution.



HP Designjet 5500



HP Designjet 8000s

### HP Designjet 9000s

#### HP Designjet 9000s Take-Up Reel Kit

With the HP Designjet 9000s Take-Up Reel Kit, busy print and sign shop employees can make the most of their time by printing continuous, unattended runs.

#### HP Designjet 9000s Air Purifier System

Add this air purification system (APS) to your HP Designjet 9000s Printer for highly efficient air filtration.

#### HP Designjet High Speed Dryer

Add this high-speed dryer to your HP Designjet 9000s printer and accelerate drying time for improved printer productivity.



HP Designjet 9000s

# HP Designjet ink and media supplies

All HP Designjet printers, ink, and printing material are designed, engineered and tested together to ensure uncompromising reliability, image quality, durability, performance and ease of use.

## Ink supplies

### HP Designjet 5500 Printer series

HP 81 Dye Ink cartridges	Color	Ink volume
C4930A	Black	680 ml
C4931A	Cyan	680 ml
C4934A	Light cyan	680 ml
C4935A	Light magenta	680 ml
C4932A	Magenta	680 ml
C4933A	Yellow	680 ml
HP 83 UV Ink cartridges	Color	Ink volume
C4940A	Black	680 ml
C4941A	Cyan	680 ml
C4944A	Light cyan	680 ml
C4945A	Light magenta	680 ml
C4942A	Magenta	680 ml
C4943A	Yellow	680 ml
HP 81 Dye Printheads & printhead cleaners	Color	
C4950A	Black	
C4951A	Cyan	
C4954A	Light cyan	
C4955A	Light magenta	
C4952A	Magenta	
C4953A	Yellow	
HP 83 UV Printheads & printhead cleaners	Color	
C4960A	Black	
C4961A	Cyan	
C4964A	Light cyan	
C4965A	Light magenta	
C4962A	Magenta	
C4963A	Yellow	

### HP Designjet 8000s Printer series

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

### HP Designjet 9000s Printer series

HP 790 Ink cartridges	Color	Ink volume
CB271A	Black	1000 ml
CB272A	Cyan	1000 ml
CB273A	Magenta	1000 ml
CB274A	Yellow	1000 ml
CB275A	Light Cyan	1000 ml
CB276A	Light Magenta	1000 ml
HP 790 Waste Ink Bottle		
CB299A		
HP 790 Cleaning kits		
CB293A	Wiper Cleaning Kit	
CB294A	Cap Cleaning Kit	
CB296A	Ink System Cleaning Kit	
CB297A	Ink System Storage Kit	



### HP Designjet 5500 Printer series

Q1956A	HP Heavyweight Coated Paper 130 g/m <sup>2</sup> - 42"/1067 mm x 67.5 m
Q1414A	HP Universal Heavyweight Coated Paper 120 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q6628A	HP Super Heavyweight Plus Matte Paper 210 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
C6960A	HP Photo Imaging Satin Paper 183 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q1428A	HP Universal High-gloss Photo Paper 190 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q1422A	HP Universal Semi-gloss Photo Paper 190 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q6576A	HP Universal Instant-dry Gloss Photo Paper 190 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q6581A	HP Universal Instant-dry Semi-gloss Photo Paper 190 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q7995A	HP Premium Instant-dry Gloss Photo Paper 260 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
Q7996A	HP Premium Instant-dry Satin Photo Paper 260 g/m <sup>2</sup> - 42"/1067 mm x 30.5 m
C6778A	HP Colourlucet Backlit UV 205 g/m <sup>2</sup> - 36"/914 mm x 30.5 m
C6775A	HP Adhesive Vinyl 328 g/m <sup>2</sup> - 36"/914 mm x 12.2 m
Q1915A	HP Two-view Cling Film 240 g/m <sup>2</sup> - 42"/1067 mm x 22.9 m
Q1908A	HP Matte Adhesive-back Polypropylene 225 g/m <sup>2</sup> - 36"/914 mm x 21 m
Q1733A	HP Self-adhesive Indoor Paper 170 g/m <sup>2</sup> - 36"/914 mm x 22.9 m
C7949A	HP Outdoor Billboard Blue Back Paper 140 g/m <sup>2</sup> - 36"/914 mm x 30.5 m
Q1904A	HP Matte Polypropylene 130 g/m <sup>2</sup> - 42"/1067 mm x 22.9 m
Q1899B	HP Opaque Scrim 486 g/m <sup>2</sup> - 42"/1067 mm x 15 m
C6787A	HP Banners with Tyvek 140 g/m <sup>2</sup> - 36"/914 mm x 15 m
Q5483A	HP Instant-dry Gloss Indoor Banner 195 g/m <sup>2</sup> - 42"/1067 mm x 15.2 m
Q6620A	HP Durable Display Film 205 g/m <sup>2</sup> (weight without paper backing) - 36"/914 mm x 10 m
Q6624A	HP Durable Flag Fabric 110 g/m <sup>2</sup> /165µm - 36"/914 mm x 15.2 m
Q1985A	HP Hahnemühle Photo Rag 265 g/m <sup>2</sup> - 36"/914 mm x 11.5 m
Q1724A	HP Canvas Paper 180 g/m <sup>2</sup> - 36"/914 mm x 10.7 m
C6771A	HP Studio Canvas 368 g/m <sup>2</sup> - 36"/914 mm x 10.7 m
C7968A	HP Matte Canvas 340 g/m <sup>2</sup> - 42"/1067 mm x 10.7 m
Q7973A	HP Matte Litho-realistic Paper 270 g/m <sup>2</sup> - 36"/914 mm x 30.5 m

### HP Designjet 8000s and 9000s Printer series

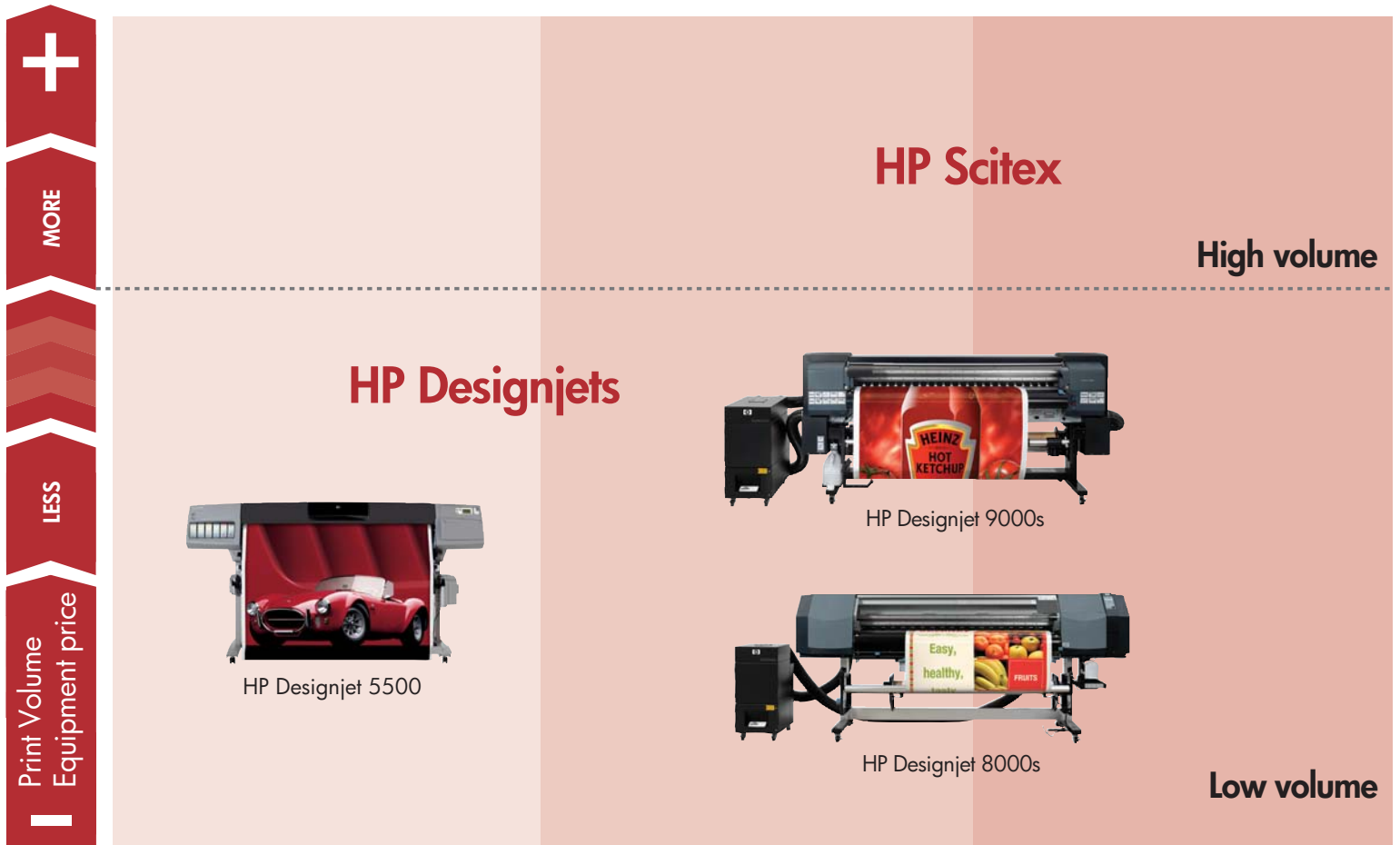
Q8678AE	HP Premium Scrim Banner 470 g/m <sup>2</sup> - 36"/914 mm x 50 m
Q8679AE	HP Premium Scrim Banner 470 g/m <sup>2</sup> - 54"/1372 mm x 30.5 m
Q8680AE	HP Universal Scrim Banner 440 g/m <sup>2</sup> - 36"/914 mm x 50 m
Q8681AE	HP Universal Scrim Banner 440 g/m <sup>2</sup> - 54"/1372 mm x 30.5 m
Q8682AE	HP Premium Self-adhesive Vinyl 275 g/m <sup>2</sup> - 54"/1372 mm x 45.7 m
Q8683AE	HP Premium Self-adhesive Vinyl 275 g/m <sup>2</sup> - 60"/1524 mm x 45.7 m
Q8684AE	HP Premium Backlit Film 180 g/m <sup>2</sup> - 36"/914 mm x 20 m
Q8685AE	HP Premium Backlit Film 180 g/m <sup>2</sup> - 54"/1372 mm x 20 m
Q8686AE	HP Universal Photo-realistic Paper 195 g/m <sup>2</sup> - 36"/914 mm x 45.7 m
Q8687AE	HP Universal Photo-realistic Paper 195 g/m <sup>2</sup> - 54"/1372 mm x 45.7 m



Media supplies

# HP LF Graphics PSP leading portfolio

Encompassing different technologies to meet all application and customer needs



## HP Scitex

High volume

## HP Designjets



HP Designjet 9000s



HP Designjet 5500



HP Designjet 8000s

Low volume

### Application and print size

- Photo
- Render
- Exhibition
- POP
- Directional
- Event
- Vehicle
- Billboards
- Fine Art
- Office
- Business
- PSP
- Information
- Banners
- Graphics
- Building wraps
- Graphics
- Signage



For more information about these and other HP Designjet printers, go to [www.hp.com/go/designjet](http://www.hp.com/go/designjet)

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