

# HP Designjet printers

## Why Upgrade?



From HP Designjet 5000/5500 Printer series to HP Designjet Z6200 Photo Printer series



HP Designjet 5000/5500 Printer series



HP Designjet Z6200 Photo Printer series

The fastest production printer<sup>1</sup> for graphics with unrivaled print quality

### Why should users upgrade from the HP Designjet 5000/5500 Printer series to the HP Designjet Z6200 Photo Printer series

#### Save money with a lower cost per copy:

- Up to 34% lower cost per copy using pigment-based inks on the HP Designjet Z6200 Photo Printer series, compared to using dye-based inks on the HP Designjet 5000/5500 Printer series

#### Print more in less time:

- Improved performance from top speed of 12 m<sup>2</sup>/hr to top speed of 140 m<sup>2</sup>/hr
- Improved unattended printing - even overnight - with up to 75 m long rolls and eight 775-ml cartridges
- Increased memory to 1,5 GB for faster file processing
- Take advantage of faster drying time with pigment inks
- Ergonomic loading table<sup>2</sup> to make the loading of heavy rolls easier

#### Offer better image quality:

- From 1200 x 600 dpi to 2400 x 1200 dpi for improved print quality
- Increased scratch resistance
- HP Embedded Spectrophotometer and HP Optical Media Advance Sensor (OMAS)
- Wider color gamut with 200+ year fade resistance indoors thanks to pigment inks<sup>3</sup>
- Three black ink cartridges allow for true neutral range of grays and blacks
- Up to 23% increased Pantone coverage from 66% (5500) to 89% (Z6200)
- Improved skin tones and gloss uniformity

<sup>1</sup> Compared to large-format inkjet printers under 18.294€ for graphic applications. Based on the fastest rated colour speeds as published by manufacturers as of January 2010. Test methods vary.

<sup>2</sup> Loading table included in the take-up reel. Take-up reel included in the HP Designjet Z6200 60-in Photo Printer; is an optional configuration for the HP Designjet Z6200 42-in Photo Printer.

<sup>3</sup> Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab, and by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence).

## HP Designjet 5000/5500 Printer series upgrade to HP Designjet Z6200 Photo Printer series



HP Designjet 5000/5500 Printer series



HP Designjet Z6200 Photo Printer series

### Ink costs for sample drawings

HP Premium ID Photo Gloss



€/sqm

Normal

€ 4,38

Up to 34% savings

Normal

€ 2,88

No matter if you are currently using UV or Dye inks, with the efficient HP Vivid Photo Inks in 775-ml, you will experience significant savings in your cost per copy.

### Sample print speeds

HP Premium ID Photo Gloss



€/sqm

Best

7'38"

Normal

6'20"

Fast

3'26"

More than 2X print speed

Best

3'32"

Normal

2'22"

Fast

1'47"

Enjoy HP Double Swath technology to double your speed with impressive image quality.

### Print quality

#### Resolution by Print Mode (dpi)

Maximum resolution

1200 x 600 dpi

Number of Cartridges

Six print cartridges

Line Accuracy

+/- 0,2%

Offer better image quality

2400 x 1200 dpi

Eight print cartridges

+/- 0,1%

Offer better image quality with HP Vivid Photo Inks. Create gloss and uniform output, with vibrant color and improved scratch resistance. Enjoy a wider color gamut with the HP chromatic red. With the different black cartridges, get smooth transitions on your black-and-white prints and deep, rich, and neutral blacks for impressive backlit.

### Additional improvements

Cartridge Capacity

680-ml cartridges

Number of Cartridges

Six

Interfaces

HP Jetdirect 10/100Base-TX print server

Color Management

Closed-loop color calibration

RAM Memory

128 MB/256 MB Max

Hard Disk

40 GB

775-ml cartridges

Eight

Gigabit Ethernet (1000Base-T), Hi-Speed USB 2.0 certified, EIO Jetdirect accessory slot

HP Embedded Spectrophotometer including closed-loop color calibration for the right color each and every time

1 GB/1,5 GB Max

160 GB

HP technologies provide you reliable, accurate colors every time you print, regardless of fluctuating environmental conditions.

## The HP Designjet printing system

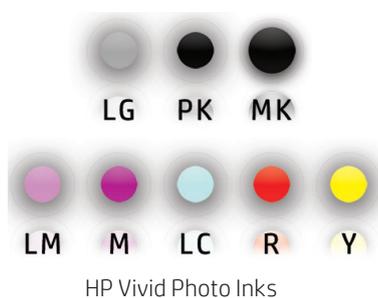
Deliver the quality your customers expect and maintain the productivity you need. The HP Designjet Z6200 photo printing system, including Original HP Vivid Photo Inks, HP printheads, and HP large format printing materials, is designed and engineered together to provide uncompromising image quality, consistency, performance, durability, and value—with every print.

### Original HP Vivid Photo Inks

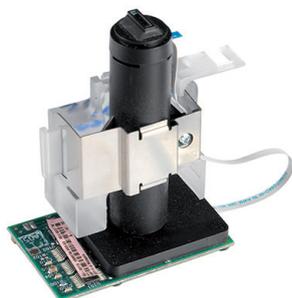
Deliver across a versatile array of print jobs—from photo reproductions and POP displays to line drawings, even backlits with rich black backgrounds—with the impressive results produced by **HP Vivid Photo Inks**. HP Vivid Photo Inks are delivered by HP 771 Printheads that are designed to achieve precise, accurate placement of smaller drops at high speed. Each printhead prints two colours of ink with 1,056 nozzles per colour.

Using **HP chromatic red ink**, your HP Designjet printing system provides the broad colour gamut needed to produce vibrant colour and deep, rich blacks and to achieve true photo-realistic image quality.

High, **uniform gloss** provides the professional finish. With a wide range of blacks and greys with smooth, subtle transitions, true grey neutrality, and rich black density, you can produce remarkable B&W prints. And these prints provide lasting results with exceptional print permanence indoors in-window and away from direct sun<sup>4</sup>.



HP Vivid Photo Inks



HP Optical Media Advance Sensor (OMAS)



HP Embedded Spectrophotometer

## HP technology leadership

### Outstanding speed

**HP Double Swath Technology** provides breakthrough speed and performance. The HP Designjet Z6200 Photo Printer series includes two sets of four HP 771 Designjet Printheads, creating a wide print swath—up to 1.67-inches/42.5 mm—and a high firing frequency to deliver prints with amazing speed. Four bi-colour printheads feature 1,056 nozzles per colour, 1,200 nozzles per inch, and small drop volumes for top photo quality.

The **HP Optical Media Advance Sensor (OMAS)** allows you to print at top speeds and still get great output results. This breakthrough technology improves paper-advance control and accuracy, so the printer can print at higher speeds across multiple environmental conditions without impairing image quality.

### Amazing colour

The **HP Embedded Spectrophotometer**, with i1 Colour Technology from X-Rite, is mounted on the printer carriage for accurate printer calibration measurements that deliver print-to-print and printer-to-printer colour consistency and accuracy. It revolutionises professional colour workflows by enabling the creation of media profiles.

### High productivity

The **HP Easy Printer Care Tool** lets you easily navigate through colour-management, printing, and job-management workflows, and the HP Colour Centre provides easy-to-use, step-by-step instructions on how to add new media and calibrate the printer. Plus, the HP Designjet Z6200 printer's accounting tool allows you to easily track supplies use by job, while the job submitter tool lets you submit your HP-RTL, HP-GL/2, CALS G4, PostScript, PDF, TIFF, EPS, and JPEG files directly to the printer.

**HP Instant Printing PRO** allows you to quickly preview, crop, and print in large format using one simple tool, providing a quick and easy way for reprographic and copy shops to print in large format. You can easily manage your files from one single application. Just drag and drop PDF,<sup>5</sup> TIFF, JPEG, PPT,<sup>6</sup> HP-GL/2, and DWF files to HP Instant Printing PRO to manage and preview them. Access the job queue as well as accounting information with one simple click. HP Instant Printing PRO enables true print confidence. Avoid printing on the wrong-sized media with a realistic print preview.

<sup>4</sup> Display permanence rating for interior displays/away from direct sunlight by HP Image Permanence Lab, and by Wilhelm Imaging Research, Inc. on a range of HP media. For more information, see [hp.com/go/supplies/printpermanence](http://hp.com/go/supplies/printpermanence).

<sup>5</sup> PDF version 1.9 or earlier.

<sup>6</sup> PowerPoint 2003 or higher must be installed.

## Graphics services delivered with confidence

Predictable Return On Investment from your printing capital equipment is key to successful Print Service Provider business. With **HP Designjet Support Services** the warranty support experience can be extended to up to 5 years with no incremental costs during the coverage period. Coupled with choice of Maintenance services you get the maximum performance of your printing solution, delivering predictable uptime. On top, number of authorized HP support partners offer fully customizable services that meet your specific needs. For more information, please visit [hp.com/go/designjet/support](http://hp.com/go/designjet/support).

Learn more at  
[hp.com/go/designjetZ6200](http://hp.com/go/designjetZ6200)

