



Progressive, Profitable Printing

How the
**HP Designjet
L65500 Printer**
can help to reduce **the impact** of
Sign & Graphics printing on the **environment**

The environmentally-related benefits of the HP Designjet L65500 Printer with water-based HP Latex Inks include an improved printing environment, odorless prints⁽¹⁾, and a range of recyclable⁽²⁾ media, which in some areas can even be sent to HP for recycling⁽³⁾ – at our expense



Eye-catching and durable prints⁽⁴⁾

The HP L65500 Designjet Printer with HP Latex Inks can produce signs and graphics on a wide range of flexible media for a diverse range of outdoor and indoor applications. The outstanding image quality of up to 1200 dpi and wide color gamut help to create eye-catching graphics with rich hues and vibrant tones. The prints also have a durability and display-permanence of up to 3 years outdoors without lamination - comparable with Low-solvent inks⁽⁴⁾.

Designed with the environment in mind

Designed under the HP Eco Solutions program, the HP Designjet L65500 Printer has benefited from our global network of environmental product stewards working with design and development teams to incorporate environmental innovations.

Chief amongst these is revolutionary HP Latex Ink.

As a result of these efforts, the HP Designjet L65500 Printer can help lower the impact of printing on the environment and it offers a distinctive range of environmentally-related benefits to both Sign & Graphics Print Service Providers (PSPs) and their print buying customers.

"All of our other printers require air filtration and the associated ducting. With the L65500 we saved that expense - and we got an added noise reduction benefit."

Lynn Krinsky,
President, Stella Color,
Seattle

An improved printing environment

Water-based HP Latex Inks need no special ventilation⁵. They also require no hazard labels and are non-flammable and non-combustible, all of which may help to reduce storage, handling, and waste disposal challenges. Furthermore, the inks contain no Hazardous Air Pollutants (HAPs)⁶. All of this can help create a cleaner, safer workplace for printing operations employees.

Odorless prints

Graphics printed with HP Latex Inks are odorless¹. At least they have no odor beyond whatever faint smell is inherent to the substrate. This can give PSPs a competitive edge for graphics that will be used in food stores, restaurants, fitness centers, medical facilities, or anywhere else where print odors might be a concern.

Energy and resource efficient

The design of the HP Designjet L65500 Printer also helps PSPs to be mindful of the energy and resources that they consume. The fact that the printer requires neither special ventilation⁵ nor an external dryer helps to keep energy costs down.

The HP Internal Print Server also supports manual nesting, enabling PSPs to conserve media, save time, and print more efficiently.

Recyclable consumables and hardware

Approximately 70% of the weight of the used ink cartridge is a recyclable cardboard container⁷; and printheads can be returned to HP for free and convenient recycling through the HP Planet Partners program⁸. Even the printer itself is 85% recyclable by weight.

Recyclable² media and take-back program³

HP has launched a range of media to complement the HP Designjet L65500 Printer, five of which are recyclable². These include:

- HP HDPE Reinforced Banner
- HP DuPont™ Tyvek® Banner
- HP Heavy Textile Banner
- HP Wrinkle-free Flag with liner
- HP Photo-realistic Poster Paper

In many places, recycling schemes for HDPE and PET based media are not yet readily available. So HP has decided to introduce the HP Large Format Media take-back program³, for the benefit of its customers, starting in the US.

The scheme can be used for recycling the media listed above. HP Photo-realistic Poster Paper, however, can be processed through standard cardboard recycling schemes.

For more information and details on how to participate, please visit www.hp.com/go/recycleLFmedia



Recognition for the HP Designjet L65500 Printer

HP Latex Ink meets the chemical requirements of the Nordic Swan 4.2 specification for printing companies. The European Digital Press Association has awarded the HP Designjet L65500 Printer the prize of 'Best Environmental Digital Printer of the year 2009'.

Part of the HP commitment to environmental leadership

The HP Designjet L65500 Printer is part of the HP commitment to help our PSP customers to profit from reducing their environmental impact. We believe that if it is used in the context of a proper strategy for sustainability it may help PSPs to grow their revenues, lower their environmentally-related costs, do the right thing by their employees, and protect themselves against some future environmental legislation.

¹ Some substrates may have inherent odor

² Outside of the US, recycling opportunities currently available only in limited areas. Customers should consult local recycling resources.

³ Program availability varies, please consult www.hp.com/go/recycleLFmedia for details

⁴ HP image permanence and scratch smudge, and water-resistance estimates by HP Permanence Lab. Display permanence tested according to SAE J2527 using HP Latex and Low-solvent inks on a range of media; including HP media. For more information see hp.com/go/supplies/printpermanence

⁵ Special ventilation is not required to meet US OSHA requirements on occupational exposure to Volatile Organic Compounds (VOCs) from HP Latex Inks. Ventilation equipment installation is at the discretion of the customer—no specific HP recommendation is intended. Typically no air discharge permitting required with inks that emit extremely low levels of VOCs. Customers should consult state and local requirements and regulations.

⁶ HP Latex Inks contain no HAPs according to U.S. Environmental Protection Agency Method 311. HAPs are air pollutants which are not covered by ambient air quality standards but which, as defined in the US Clean Air Act, may present a threat of adverse human health effects or adverse environmental effects.

⁷ Local authorities should be consulted to determine the appropriate method of waste disposal for the ink bag, aerosol filters, and wet wipe.

⁸ Printheads can be returned for recycling in more than 45 countries and territories worldwide. Check www.hp.com/recycle for availability an information on how to participate

