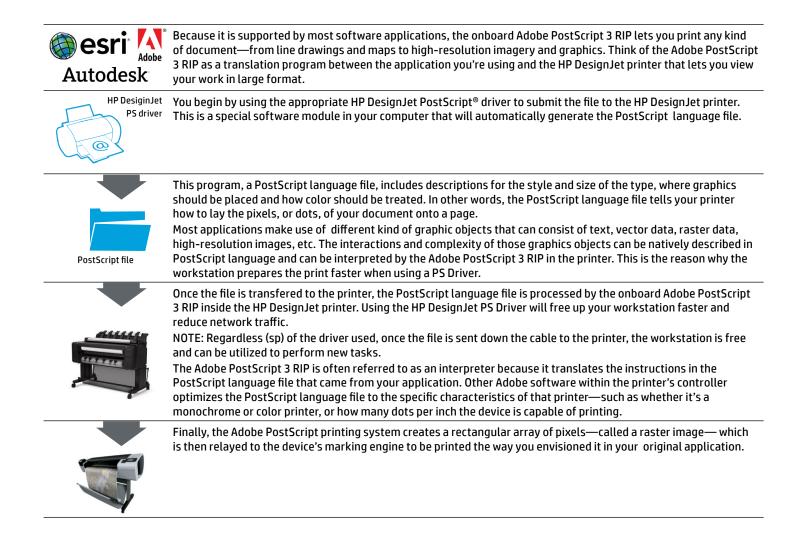
HP DesignJet Printers with Adobe® PostScript® 3TM RIP capabilities



How does it work?



HP DesignJet printers with Adobe PostScript 3 RIP capabilities

HP DesignJet T790 PostScript[®] Printer series

HP DesignJet T7200 Production Printer with accessory upgrade CQ745B	HP DesignJet Z6800 Photo Production printer* HP DesignJet Z6600 Production printer* HP DesignJet Z6200 Photo Production printer* with accessory CQ745B
HP DesignJet T3500 Production MFP series with accessory upgrade C0C66A	HP DesignJet HD Pro PostScript® MFP series HP DesignJet Z5600 PostScript® Printer HP DesignJet Z2600 PostScript® Printer
HP DesignJet T2530 PostScript® MFP series HP DesignJet T1530 PostScript® Printer series HP DesignJet T930 PostScript® Printer series	HP DesignJet Z5200 PostScript® Printer series HP DesignJet Z3200 PostScript® Printer series
HP DesignJet T1300 PostScript® SD Pro MFP HP DesignJet T1300 PostScript® Printer series HP DesignJet T795 Printer with accessory upgrade CN500B	

HP DesignJet printers with Adobe PostScript 3 RIP capabilities

Why do you need it?

Most HP DesignJet printer owners today use multiple software applications ranging from CAD to GIS to creative. No longer are HP DesignJet printers only used by the engineering department—it may be used by marketing, IT and executive staff to print a variety of output. The Adobe PostScript 3 RIP allows most of these files to be printed as they were intended. HP offers the choice of having this powerful solution onboard the printer resulting in better print quality, efficiency and reliability.

Applications use raster and vector data

The majority of applications use a mixture of vector and raster images and layers. These layers and images may not get "flattened" in the final document to be printed. Some customers find that information is missing from the printed document. The Postscript driver and an HP DesignJet printer with the Adobe Postscript 3 RIP is recommended to ensure the best printing results.

Standardized on Adobe PostScript printers

Your company may have standards on Adobe PostScript printers. Some IT managers require that all printing equipment be Adobe PostScript compatible for simplicity and consistency of support.

PANTONE®

HP Professional PANTONE Emulation (HP PPE) is a technology that enables graphical elements in designs to have PANTONE color names assigned to them. It also allows the HP PostScript printer to substitute these PANTONE color names with RGBs or CMYKs determined specifically for that printer and media at the time of printing. HP PPE automatically computes simulations that have been optimized for a specific printer/media combination to mimic the way in which professional graphic artists and pre-press professionals prepare PANTONE emulations by hand. The results are professional quality emulations of PANTONE colors that look as similar to the originals as possible on a given printer/media combination. This is only available utilizing an HP DesignJet printer with Adobe PostScript 3 RIP.

Application generates only PostScript files

Some applications generate only PostScript files. This is not common, but the applications you are using will determine which HP DesignJet solution to use.

Utilize EPS files in workflow

You may utilize EPS or encapsulated PostScript images in your files. Some clip art, for instance, is only available in EPS format, especially on Macintosh computers. These images will only print correctly on an HP DesignJet printer with Adobe PostScript 3 RIP.

PDF workflow

Any HP DesignJet printer can be used to print a PDF file, but for units without embedded Adobe PostScript 3 RIP, the file must be opened, viewed and printed via the HP-GL/2 driver or a Raster Driver. Nearly all HP DesignJet printers that have the embedded Adobe PostScript 3 RIP offer the ability to queue and print PDF files without ever opening the file. For example, you could select ten PDF files, send them to the printer via the embedded web server, ePrint or via a USB drive plugged directly into one of the HP DesignJets and the files will print without having to use the driver. This can be a huge time saver in an office where PDF file exchange is standard practice. It also ensures that the results will be similar across computer and printer platforms. In addition, HP DesignJet MFPs such as the HP DesignJet T2530 MFP & HP DesignJet T3500 MFP require the Adobe PostScript 3 RIP to be able to scan documents to PDF file format.

Mac users

If you're using Mac, you may need the Adobe PostScript 3 RIP and PostScript driver depending upon which HP DesignJet printer you intend to use. The HP DesignJet T795, T3500, T7200, Z6200, Z6600 and Z6800 printers require a PostScript accessory upgrade kit to eneble access to the Adobe PostScript 3 RIP and PostScript driver.

Adobe Acrobat® compatibility

The Adobe PostScript 3 RIP is compatible with Acrobat 3.0 (or earlier versions based on PDF 1.3) to the current version of Adobe Acrobat (PDF 1.7 Extension Level 3) Acrobat XI (2012) and Acrobat DC (2015). This ensures you can print files from various sources and versions as they were meant to be printed.

When do you need a third-party RIP versus the onboard Adobe PostScript RIP?

- ✓ Need to integrate into an existing color-managed workflow
- Desire to control paneling or nesting
- ✔ Want to see or control functions like trapping and screening

What are the situations in which you do not need Adobe PostScript 3 RIP?

- ✓ When printing any file from HPGL2 or PCL3GUI driver
- When you are going to use a third-party RIP



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