Chapter 1 : Celmac take on the distribution of the HP L Latex printer

The cutter stopped cutting in mid-sheet and I got a notice of a paper jam. I was using roll paper. I cut the paper free and moved the cutter carriageto the right.

HP Designjet L Overview Designed with the environment in mind, the HP Designjet L Printer featuring HP Latex Inks and HP Wide Scan Technology offers PSPs a versatile print system that can produce a wide range of applications â€" from point-of-purchase displays, transit signage, wall murals and exhibition graphics to vehicle graphics and fleet marking, and a variety of exterior and interior event signage. Together, these technologies provide durable, odorless 1 prints; sharp, vivid image quality; application versatility; and high productivity, enabling PSPs to increase their print capacity and grow their business while reducing the impact of their printing on the environment. Outdoor prints produced with the HP Designjet L and HP Latex Inks on Original HP media achieve display permanence of up to three years unlaminated and up to five years laminated and are scratch, smudge and water resistant. HP designed 14 new large-format media â€" including five recyclable substrates 3 â€" for optimal results with HP Latex Printing Technologies. A proprietary new HP media surface-treatment technology â€" designed together with the HP Designjet L Printer â€" produces a wide color gamut and makes it possible to achieve both durability and sharp, vivid image quality on materials that do not typically print well with solvent inks. Innovative supplies reduce the impact of printing Innovative, new water-based HP Latex Inks provide many of the benefits of solvent-ink technology without imposing the typical environmental, health and safety considerations. Odorless prints 1 produced with HP Latex Inks emit extremely low levels of volatile organic compounds. There is no special ventilation required to meet occupational exposure limits and there are no requirements for air discharge permitting 4 , facilitating an improved printing environment. Non-hazardous HP Latex Inks are not classified as hazardous waste 5 and are non-flammable and non-combustible. In compliance with the industry-leading certification, Nordic Swan, HP Latex Inks do not produce ozone emissions during printing and contain no hazardous air pollutants. The printheads, combined with precise media advancement using HP OMAS, facilitate outdoor-quality prints at up to square feet per hour 70 square meters per hour and up to square feet per hour 35 square meters per hour 8 for indoor-quality prints. With 10, nozzles per printhead, the HP Designjet L uses three printheads, each containing two colors of ink, to produce high-resolution indoor prints at up to 1, dpi with a 12 picoliter drop size, allowing for a wide color gamut and sharp details while meeting the demands of high-speed, high-production-volume printing. Key features and benefits a Outdoor prints produced with HP Latex Inks on HP Original media achieve display permanence up to three years unlaminated and up to five years laminated and are scratch, smudge and water resistant on a range of media 2 â€" performance comparable to solvent-ink technology b Indoor prints produced with HP Latex Inks achieve display permanence in-window up to five years unlaminated and up to 10 years laminated on Original HP media 2 c HP Designjet Printheads together with HP Latex Designjet Ink Cartridges produce sharp, vivid image quality across a variety of media, including most low-cost, uncoated, solvent-compatible media. With a design that supports an ink drop size as small as 12 picoliters, these printheads achieve the precision required to produce a wide color gamut and sharp detail â€" performance comparable to solvent-ink technology 9 d High-resolution â€" up to 1, dpi. Each printhead contains two colors of ink and 1, nozzles per inch â€" or 10, nozzles per printhead â€" for precise, accurate placement of ink on the page, enabling high-speed, high-productivity printing g HP Latex Inks produce odorless 1 prints. Prints are durable enough for demanding applications such as outdoor displays, but lack the noticeable odor that can limit indoor applications â€" a characteristic more typical of prints produced with solvent-ink technology h Print color consistently across a range of temperature and humidity conditions over the life of the printer with HP DreamColor Technologies. The variety of HP media includes both outdoor and indoor substrates, and ranges from low-cost, uncoated media to a selection of banner, self-adhesive, film, fabric, paper, mesh and specialty options l HP Latex Inks are not classified as a hazardous material per transportation requirements, 5 there are no hazard warning labels and they are not considered hazardous waste. These inks are also non-flammable and non-combustible m Unlike printers using solvent inks, the HP

Designjet L Printer using water-based HP Latex Inks and HP Designjet Printheads does not require daily, manual printhead maintenance 10 n Individual HP Designjet Printheads are user replaceable, eliminating the downtime and expense of a service call. Replace ink and media less frequently with 3-liter ink cartridges and kg media roll support o Designed to reduce the impact of printing on the environment, the innovative new design of HP 3-liter Latex Designjet Ink Cartridges includes a recyclable cardboard container that reduces materials use and maximizes usable ink. These ink cartridges have no special handling or extensive transportation requirements p Water-based HP Latex Inks are completely cured inside the HP Designjet L printer to form a durable film on the print medium.

Chapter 2 : www.nxgvision.com - HP Bond Paper - A0

It is important that the paper loaded for this calibration is exactly that used for normal printing, both in quality (for example, glossy paper) and in width (for example, A0 or 36 in). Either roll or sheet paper can be used.

By Melissa Donovan Architects, engineers, and construction AEC as well as the computer aided design CAD community rely on wide format technical printers to maximize efficiency. A number of feature sets cater to both markets, most importantly multifunction capabilitiesâ€"print, copy, and scanâ€"all on one device. These demands are different than years past simply because of the need to communicate well in a faster amount of time with people dispersed at different locations. Digital functionsâ€"such as scanning and cloud-based document sharingâ€"allow for a complete all-in-one device. With the latest software advancements, AEC and CAD professionals rely more on virtual collaboration tools, and therefore require less printed output. However, the printed page still plays a role in a Web-based world. Efficient multifunction printers MFPs are sought after in this space. Users need devices that offer printing, scanning, and copyingâ€"all within a single footprint. Out of those functions, scanning or digitizing is the most important, according to Chris Wysong, senior manager, product marketing, wide format and finishing solutions, Ricoh USA, Inc. Digitization is also key in the AEC space, because many AEC places have years of hard copy drawings sitting in specialized storage. In addition to multifunction capabilities and mobility, the AEC and CAD community desire speed, just like any other segment. These demands have changed in past years, primarily due to the need for faster communication and effortless collaboration. Color helps with faster communication, minimizing mistakes and making documents easier to read. He gives examples of architects using color in presentations to convey detailed designs, or engineers relying on color to clarify complex drawings that help reduce mistakes in production. In GIS, more maps are produced in color to facilitate interpretation. Color is used for educational and training purposes, as color-coded views of schematics and drawings aid in understanding the material. Color is increasingly popular because wide format technical devices offer high-quality output and efficient speeds. Collaboration in the Cloud The latest wide format technical printers incorporate digital collaboration features like scanning and cloud-based document sharing. Wysong agrees that scanning is the next thing in digital collaboration. A two-roll drawer enables printing or copying while scanning. He cites print as important for several users in scenarios like when the superintendent, architect, and subcontractor need to review a plan at a construction site and make annotations or when a general contractor needs the authorization stamp from administration to start construction. Based in Elmhurst, IL, it originally specialized in technical document reproductions and added wide format color printing services as the industry changed and demand for reprographic services declined. With a core customer base of architecture, engineering, and construction firms, the addition of wide format expanded its clientele to include advertising and communications firms. While working with color on the display side, the staff at Tree Towns quickly realized how beneficial it could be to the technical printing sector, which is still a mainstay of its business. Speed is equally important as color to Tree Towns. Sometimes architects use very light lines and shading. In addition, operators were already familiar with many of the nuances of the HP printers, so training was fairly simple and they were up and running in no time. Wingard hoped to achieve higher volumes of print with the newest printer and has been able to do that while simultaneously raising the quality of what it provides to technical customers. Poised to Serve Wide format technical printers are popular in AEC and CAD environments thanks to multifunctional capabilities like print, copy, and scan with mobility and digital collaboration. The newest devices not only provide production-like speeds, but high-quality color, which helps to reduce mistakes and clarify confusing items in a document. Like many segments of digital print, AEC and CAD is a print on demand market and the latest wide format technical printers are poised to serve it well.

Chapter 3 : usb-peripherals - Printer problem .Prints but no ink on the | DaniWeb

I've HP DesignJet T Inch have a problem while printing a straight line or any scheme, Please see the below photo for more details, See the original file that i want to print. and the result was like this, It will be like a zig-zag line not straight line like the original, I've tryied to clean.

The paper cannot be loaded successfully Ensure no paper is loaded. Ensure the paper is far enough inside the printer, you should feel the printer grab the paper. Do not attempt to straighten the paper during the aligning process, unless instructed to do so by the front-panel display. The printer automatically attempts to straighten the paper. The paper may be crumpled, or warped, or may have irregular edges. General unsuccessful roll load issues If the paper does not load, the leading edge of the paper may not be straight or clean and needs to be trimmed. Remove the initial 2 cm 1 in from the roll and try again. This may be necessary even with a new roll of paper. Ensure the roll ends are tight against the spindle ends. Check that the spindle is correctly inserted. Check that the paper is correctly loaded on the spindle, and that it loads over the roll towards you. Check that all roll end plugs have been removed. Check that the paper is wound tightly on the roll. Do not touch the roll or paper at during the alignment process. Unsuccessful roll load with inch printer On a inch printer, if the paper has not been inserted straight, the front panel displays the following instructions. When prompted by the front-panel display, lift the blue lever on the left. The printer attempts to straighten the roll. When prompted by the front-panel display, lower the blue lever. The printer checks the alignment. If the roll is aligned, the printer measures the width and you are now ready to print. If the roll is still not aligned, the front panel displays an error and instructions. Rewind the roll from the end of the spindle until the edge is on the blue line. Press OK, on the front panel. When prompted by the front-panel display, lower the lever. If the roll is still not aligned, the front panel displays an error and instructions to start again at step three. If you would like to start the load process again, cancel the process on the front panel and rewind the roll from the end of the spindle until the edge is removed from the printer. If the roll is still not aligned, the front panel displays an error and instructions to start again. If the roll has become loose around the core, the printer cannot load the paper. Unsuccessful sheet load Guide the sheet, especially thick papers, when the printer initially feeds the sheet. Do not attempt to straighten the sheet during the loading process, unless instructed to by the front-panel display. The printer automatically attempts to straighten the sheet. Do not use hand-cut sheets, which may be of irregular shapes. Use only purchased sheets. If the sheet is not caught by the printer, the front-panel display asks you to push paper further into the printer, and tries to feed the paper again. If the sheet is caught by the printer but is not inserted straight, the front panel displays the following instructions. Adjust the sheet to align with the front and right side blue lines. Once the sheet is aligned, press OK on the front panel. If the sheet is aligned, the printer measures the sheet and feed it out the back into the roll feed. You are now ready to print. If the sheet is still not aligned, the front panel displays an error and instructions to start again. If you would like to start the load process again, cancel the process on the front panel and the printer ejects the sheet out the front. Paper loading error messages Here is a list of front-panel display messages related to paper loading, with the suggested corrective action. Lift the blue lever, remove paper, and lower lever. Paper not found During the paper load process the printer did not detect any paper. Ensure the paper is inserted fully and is not transparent. Paper loaded with too much skew During the paper load process the printer detected that the paper had too much skew. Follow the instructions on the front-panel display. Paper too small During the load process the printer detected that the paper is too narrow or too short to be loaded in the printer. Press the Cancel key to stop the load process. Paper too big During the load process the printer has detected that the paper is either too wide or too long sheet only to be loaded correctly. Paper loose around core The end of the roll has become loose around the core. Tighten the paper to the core or insert a new roll. Lever lifted During the load process the blue lever was lifted. This prevents the printer from loading the paper. For glossy paper, it is important to use a glossy paper type, as matte black ink does not print well on glossy paper. Glossy paper If your paper is glossy, identify whether it is a photo paper or a proofing paper. If you are not sure consider it photo paper. If your paper is a photo paper, use the Photo Paper category. For glossy or high-gloss paper select

paper type Photo Gloss Paper. If your paper is a proofing paper, use the Proofing Paper category. For glossy or high-gloss paper select paper type Proofing Gloss. To select a paper category and type, first identify if your paper is general purpose or photographic. Then select the recommended paper types. Only use this option if you are sure your paper does not wrinkle when printed. Black ink is easily removed when touched This happens when your paper is incompatible with matte black ink. After printing, the paper has wrinkles or there is too much ink This happens when too much ink is used. To use less ink, select a thinner category. Matte paper categories from thinnest to thickest are:

Chapter 4 : Solved: Crawling while print a straight line - HP Support Community -

When you select the type of loaded paper, the printer adjusts the rate at which to advance the paper while printing. However, if you are not satisfied with the default calibration of your paper, you may need to recalibrate the rate at which the paper advances.

Set to match the paper type loaded in the printer. Additional color accuracy information The means of accurately managing the colors printed by your printer vary with the software application and driver being used. Refer to the following documentation: On-line documentation in the drivers shipped with your printer. If you cannot find any reason for the discrepancy, before getting help, find out for which CMYK printer inks the colors have been specified. Troubleshooting procedure Working through the Troubleshooting procedure should always be your first action when you encounter print quality problems. Refer to the Troubleshooting flowchart for a description of the sequence of processes used to complete troubleshooting procedure. It is important that the paper loaded for this procedure is exactly that used when you encountered print quality problems, type for example, glossy paper and size. If you use a different kind of paper or a different size, you stand less likelihood of resolving the problem. Running the Troubleshooting Utility From the main front-panel menu, select the Ink menu and press Enter. Select Troubleshooting and press Enter. The printer first checks to see whether the printheads are aligned. Misalignment of the printheads is a common cause of print quality problems. If they are not aligned, you are prompted to accept Printhead alignment. This procedure requires a few centimeters of paper loaded and takes several minutes to perform. Note that you do not have to interpret the patterns printed by the Printhead Alignment routine. If the printheads do not seem to require alignment, the printer prints Diagnostic Print A. See Diagnostic Print A interpretation for full details of how to use this diagnostic print. Diagnostic Print A interpretation Diagnostic Print A contains several blocks of color and a block of thin black broken lines the lines are actually very much closer than those represented here. Examine the broken lines in Diagnostic Print A carefully and indicate whether there are problems with them. The sorts of problems to look for here are: Jaggedness or serrations in the thin lines, like this: The irregularities that are significant extend along the whole of the length of the lines. Shorter irregularities, arranged in columns, can be ignored at this stage. Examine the blocks of color in Diagnostic Print A carefully and indicate whether there are problems with them. White streaks or bands in the solid blocks. If there are problems in the blocks of color in Diagnostic Print A, for example white streaks or bands, the printer will try to clean the printheads that have the problem. A printhead can be cleaned up to three times this way; after that it cannot be cleaned and you will be told; the Troubleshooting routine will finish. In that case we recommend that you try to reprint your print, and then, if necessary, start the Troubleshooting routine again. After cleaning the printheads, the printer reprints the blocks of color but not the black lines in Diagnostic Print A, and asks you to examine it again as in step 1. See Diagnostic Print B interpretation for full details of how to use this diagnostic print. Diagnostic Print B interpretation For each color in the pattern in Diagnostic Print B, you are asked about the quality - look for missing lines. If you answer that a color is defective, the printer tries to clean that printhead. If the printhead cleaning process completes, Diagnostic Print B is printed again and you are asked the same questions again. Afterwards, if problems with images remain, use the Troubleshooting procedure again. If none of the patterns or blocks in the two Diagnostic Prints shows any problem, it could be that your print quality problem is caused by a wrong setting in your software, or perhaps the job should have been printed with the Print quality set to Best instead of Normal or Draft. Troubleshooting flowchart The following diagram shows the flow of the troubleshooting procedure. Advance calibration It is important that the paper loaded for this calibration is exactly that used for normal printing, both in quality for example, glossy paper and in width for example, A0 or 36 in. Either roll or sheet paper can be used. You must then reload that piece of paper as a sheet, so that hp printer can accurately measure the pattern, and make whatever adjustments are appropriate to the amount it advances between printing swaths of data. The pattern printed is solely for the use of the printer; you are not expected to relate any of its characteristics to the quality of your images. From the main front-panel menu, with the correct paper loaded, select the Paper menu and press Enter. Select Advance

calibration and press Enter. Select Create pattern and press Enter. The printer prints its calibration pattern as represented here and cuts or ejects the paper. Now select Measure pattern and press Enter. The printer reads the calibration pattern and makes the appropriate internal adjustments. These Advance calibration values are used whenever you print on the same type of paper until you have used the Advance calibration twice more with different types of paper. Advance calibration values The printer stores the advance calibration values of the last two different types of paper used for the calibration. When you print, the printer tries to match the paper you have selected to the stored values. If there is a match the printer applies the stored Advance calibration values. If the type of paper you are using has not been used for either of the last two Advance calibrations, the printer uses a set of default values for your paper. The Restore factory option of the Advance calibration menu erases any stored advance calibration values from the printer memory. This means that until you run the advance calibration again the printer will use the factory default values for all types of paper.

Chapter 5 : HP Designjet , and Printer Series - Print quality problems | HP® Customer Support

HP Designjet Printers Supported in OS X v El Capitan, OS X v Yosemite, OS X v Mavericks, OS X v Mountain Lion, and OS X v Lion HP Designjet T and T ePrinter Series - Connect a computer to the printer by network (Windows).

Twitter Is your printer leaving black lines down the page when you print? This is one of the most common printer issues that many people experience and normally happens when you need your printer the most and the good news is, it can be fixed! But what on earth causes your page to look like the monstrosity above? What causes black lines or smudges down the printer page? Here are some of the different printer problems: Black lines or tracks down either side of the page, sometimes in the middle. Black lines or tracks down either side of the page. Inside the printer the paper is moved along by rollers and often a piece of film like a conveyor belt called a transfer belt. This is normally the case when the tracks on the page are located at either end. If the tracks are located all over the page or even in the middle, it could be due to marks or damage to the transfer belt. Also, if a blob of dirt or old toner is stuck to a roller or the transfer belt, it smudges a line down the paper as it passes. The following steps will help to fix this issue: With a vacuum hoover out any loose toner particles. With a lint free cloth very gently wipe the transfer belt not all printers have one. Remember to be careful and if you are at all unsure, find a printer technician who is experienced in cleaning the printer. Missing areas of print either always in the same place or not Cause: This drum then rolls the toner onto the paper as it passes. A drum is a replaceable maintenance part of the printer and can either be built into the toner cartridge, or separate from the toner located on top of or underneath it. If the drum is damaged in any way with a finger print or dirt on it, it can cause sections of the print out to be missing because the dirt is blocking your image from being rolled on to the page. It can also be caused by a damaged or dirty mirror that reflects the laser beam or it can be caused by a damaged fuser unit. The fuser is a replaceable maintenance part in the printer that melts the toner so it stays on the page. It also applies pressure so if some part of it is damaged, it can stop the toner from staying on the page. Replace the toner if you have a new one spare, it could be defective or running out. Replace the drum unit â€" this will fix the problem most of the time. Replace the fuser unit. Smudges on the page either always in the same place or not Cause: If you see smudges across your page and they are always in the same place, then that normally indicates some damage to either the drum or the rollers see problem 2 above for a definition of the drum. It could also potentially be a roller. It is normally caused by the rollers. If the marks are always in different places, then its most likely to be the drum. Have a look inside the printer and see if you can spot any dirt on the drum or any of the rollers that might indicate a problem. Follow the steps below in turn and do another print before the next step to eliminate the problem. Clean the rollers Replace the toner if you have a new one spare, it could be defective or running out. Replace the drum unit. You may be mucho unimpressed with my focus on black smudges and lines down the printout but what about when your printer spits out a page with faint or even missing lines down the page?? You can normally fix that by doing the following: Check the drum, print head, ink cartridge or toner cartridge for seals that should have been removed when it was installed or even sticky blobs left behind. Run a printer clean. Replace the drum or toner cartridge. Try each of the above steps in turn and then print after each to eliminate the problem rather than do every step before you print. Hopefully any of the solutions listed in the different types of problems with print above will have fixed your frustrations, but if none of the above steps work then it could well be a much more serious problem with your printer and it might be time to think about a new one! Did this article help you out? Were you mucho impressed or super disappointed with my ample genius? J Let me know in the comments, or if you just want to ask anything else, get in touch and comment below!

Chapter 6 : All In One Plotter, All In One Plotter Suppliers and Manufacturers at www.nxgvision.com

Safety precautions The following precautions ensure the proper use of the printer and prevent the printer from being damaged. Follow these precautions at all times.

Chapter 7 : LX Printer | Big Systems

Turn off the HP Designjet and series printer and disconnect the parallel cable and any network cables, leaving only the power cable connected. Turn the HP Designjet and series printer on and send the Troubleshooting Print from the Ink System menu of the front panel.

Chapter 8 : Wide format printers serve AEC and CAD professionals | DPS Magazine

Getting white space when printing to a HP DesignJet T using the www.nxgvision.com plot configuration file. Plotting to Arch E 36x48 paper size. The actual plot size is x

Chapter 9 : News, Tips, and Advice for Technology Professionals - TechRepublic

While cleaning the printer periodically and using the correct paper type are easy fixes, roller replacement can be a difficult job depending on the model of HP printer.