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Color LaserWriter 12/600PS: Moving Precautions and Errors (6/96)

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TOPIC -----

What precautions should be taken when transporting or moving the Color LaserWriter 12/600 PS to another location? What errors may occur after moving the printer and what can I do to eliminate them?

DISCUSSION -----

The Color LaserWriter 12/600 PS is large and heavy, and requires special handling considerations before moving in order to prevent damage. The printer circulates a supply of oil through the fusing system to coat the fuser rollers. Moving a Color LaserWriter without first removing the fuser oil bottle and all remaining oil will most likely result in spilled oil. Spilled oil can contaminate the oil overflow sensor causing an error condition or image quality problems if it gets on the transfer drum or other parts of the imaging system. Although less severe, the oil can create a mess if it migrates onto the interior and exterior plastics.

The following procedures in addition to those documented in the User's Guide can be taken to minimize problems when moving the Color LaserWriter 12/600 PS printer.

Moving Instructions

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Moving Within the Same Office

For general movement within the same office the printer can be transported on a cart as long as it is not tipped while lifting or moving the printer. If the printer is tipped, oil will spill from the open oil pan at the bottom of the fuser assembly. If there is any possibility that the printer will be tipped then the fuser oil should be removed.

Moving to Another Location Without Repackaging The Printer

Remove the four toner cartridges, waste toner bottle, fuser oil bottle, and the photoconductor. Use the orange shipping fixture for the photoconductor to protect it from damage and insert it into the lightproof bag if available. The waste toner bottle should be capped to prevent toner leakage.

Pump the teal green paper jam release lever on the right of the fuser assembly 50 times to transport oil already in the system back to the oil reservoir. Use a small turkey baster or a large syringe to extract the oil from the reservoir. Repeat the procedure if necessary until all of the oil has been removed.

Remove the fuser assembly from the printer using the procedures documented in the fuser replacement section of the LaserWriter 12/600 PS User's Guide. Seal the fuser assembly in a plastic bag and transport it separate from the printer. Reinstall the fuser assembly and the consumables after the printer has been placed in its new location.

Shipping to Another Location in the Original Packaging

Follow the instructions above for moving the printer without repackaging, adding the following steps:

Reinstall the orange transfer drum shipping screw assembly that ships with all new printers. This screw is necessary to prevent damage to the delicate transfer drum and its drive mechanism.

Tape closed any plastic covers that could open or become dislodged during transport. Use fiber reinforced packaging tape similar to that originally used to package the printer. Pay particular attention to the front door, fuser access door, multipurpose tray, and the paper cassette tray.

Carefully inspect the cardboard cover, foam shipping blocks, and wooden pallet before repackaging the printer. DO NOT reuse damaged packaging materials or severe shipping damage may result.

Reinstall the fuser assembly and the consumables after the printer has been placed in its new location.

Setting up the Printer and Eliminating Potential Errors

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Once the printer is at its new location, make sure it is installed onto a level surface. If the Color LaserWriter is not placed on a level surface then fuser oil may accumulate in the fuser assembly oil catch tray causing an error condition. A fuser oil pump overflow error is indicated on the status panel by alternately flashing the paper out and paper jam LEDs while the yellow toner cartridge LED and the photoconductor maintenance LEDs remain on.

Follow these steps to eliminate the oil overflow condition:

Step 1: Level The Printer And Its Supporting Surface

Use a small line level to verify that the surface the printer will be placed on is flat and level. If the surface that the printer is placed on is level and stable then it is unlikely that any additional leveling of the printer will be necessary once it is put into place. Many tables contain leveling feet which make leveling easier.

Check the printer to see if it is level by opening the top cover and placing a line level on the yellow felt covered surface of the fuser assembly. The front of the printer must be no higher than the rear to aid the flow of fuser oil back to the oil reservoir.

CAUTION:

Under NO circumstances allow the FRONT of the printer to be higher than the REAR of the printer.

Leveling the Color LaserWriter 12/600 PS from left to right is not as critical.

Step 2: Pump The Fuser Jam Release Lever To Remove Excess Oil

Open the fuser access door to locate the teal green fuser paper jam release lever. Pump the lever 50-70 times to manually remove excess oil from the fuser assembly oil catch tray and move it back to the oil reservoir. Under most circumstances this action will allow the oil overflow sensor flag to drop back to its normal operating position.

Step 3: Allow Oil To Flow Back Into Reservoir

Raise the right front corner of printer no more than 1 inch and hold for 15-20 seconds.

Step 7: Power On Printer

Turn the printer back on and wait for startup pages or ready LED.

If these steps do not correct the problem, the printer may require service to resolve this issue.

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