

SHUTTING DOWN THE OBJET PRINTER

With the holiday season fast approaching you may not be using your Objet 3D printer for extended periods of time. Let's take a moment to go over the procedures for shutting down your Objet 3D printer to preserve its function for when you return.

Note: *You only need to shut down the Objet printer if it will not be used for a week or more. Otherwise, the printer can remain powered on, in idle mode. However, we would recommend shutting it down over the Thanksgiving break.*

To properly shut down, the printer needs to perform several processes. **Do not attempt to shut down the printer by simply closing the computer interface (the printer-control application), and never disconnect power to the printer before completing this wizard.** Instead, use the wizards that prepare the printer for shutdown.

- **Shutdown Wizard.** This wizard clears the print heads of printing materials before shutdown. Use this wizard if you need to shutdown the printer computer (or disconnect the power supplied to the printer) for less than one week, and to complete the shutdown process after running the Material Flush/Fill Wizard.
- **Material Flush/Fill Wizard.** This wizard replaces printing materials in the print heads with cleaning fluid. Use this wizard if you need to shut down the printer for more than one week. (After using this wizard, you must run it again before printing models, this time to replace the cleaning fluid in the print heads with printing materials.)

SHUTDOWN WIZARD

Note: *If you expect the printer to be shut down for more than one week, first run the Material Flush/Fill Wizard (see below).*



(continued on next page)

Running the Objet Printer Shutdown Wizard:

1. Select Shutdown Wizard from the *Options* menu, or press F8.
2. In the opening wizard screen, click Next.

Note: *“Run wizard manually” is selected by default. It is recommended that you do not change this selection, to have more control over the shutdown process. If you select Run wizard unattended, the shutdown process may take longer, and the wizard will automatically shut down the printer computer.*

3. In the next screen, indicate whether or not the tray is empty and click Next. The shutdown procedure begins.

The shutdown procedure may take up to 10 minutes while the following tasks are performed:

- a) The print block returns to its starting point on all axes.
- b) The print heads are heated.
- c) The print heads are cleared of any remaining material.

After these tasks are completed, the final wizard dialog box appears, in which you choose whether or not to shut down the computer in the Objet printer at this time.

1. When completely shutting down the Objet 3D printer and turning the power off, select Yes and click Next.
2. After the printer computer shuts down, turn off the main power switch on the back of the printer.

Powering on the Objet Printer After the Shutdown Wizard:

1. Turn on Power switch and wait for Windows XP to boot up.
2. Click on the Objet Application.
3. That's it!

(continued on next page)

MATERIAL FLUSH/FILL WIZARD

You use this wizard to prepare the printer for a shutdown of more than one week, and to restore the printer to working condition.



- To prepare the printer for an extended shutdown, the wizard drains printing materials from the print heads, then flushes the system with cleaning fluid. This process takes about 60 minutes. For this procedure, you need to load four (4) cleaning-fluid cartridges in the cartridge drawer.
- To restore the printer to working condition, the wizard fills the system with printing materials. This process takes about 30 minutes.

Note: For this procedure, you need to load two (2) cartridges of model material and two (2) cartridges of support material.

Running the Material Flush/Fill Wizard:

1. Select Material Flush/Fill Wizard from the *Options* menu.
2. In the opening screen, click Next.
3. Select the required procedure, and click Next.

Note: Before continuing, make sure the required cartridges of material are available for the procedure selected.

4. Load the required cartridges, close the cartridge drawer, and confirm this in the wizard screen.
5. In the next wizard screen, confirm that the printer cover is closed, and click Next. The wizard runs the material-flushing cycles.
6. If cleaning-fluid cartridges are loaded in the printer, the wizard prompts you to remove them. Confirm this in the wizard screen, and click Next.

Note: After preparing the printer for an extended shutdown period with this wizard, run the *Shutdown Wizard* to complete the shutdown process.

Powering on the Objet Printer After Material Flush/Fill Wizard (And Shutdown):

1. Turn on Power switch and wait for Windows XP to boot up.
2. Click on the Objet Application.
3. Select Material Flush/Fill Wizard from the Options->Wizards menu.
4. In the opening screen, click Next.
5. Select the "Fill machine with printing materials", and click Next.

Note: *Before continuing, make sure the required cartridges of material are available for the procedure selected.*

6. Load 2 model cartridges and 2 support material cartridges, close the cartridge drawer, and confirm this in the wizard screen.
7. In the next wizard screen, confirm that the printer cover is closed, and click Next. The wizard runs the material-filling cycles.
7. Once complete, open the lid and clean around the wiper area.
8. You are ready to go!

(end of document)