

Getting your Windows machine ready:

You need to install the USB format tool on your Windows machine. This is a one-time event. Download this file:

www.omniturefactorydirect.com/mike/SP27608.EXE

Double-click on the file SP27608.exe. This is the installer for the HP USB formatting utility. Follow the instructions to install the program. Once it is installed, it will put an icon on your desktop called "HP USB Disk Storage Format Tool". Insert your new USB stick (2GB max) into your Windows computer.

If the stick is just for program transfer and storage:

The USB stick (max. size 2gb) needs to be formatted with the format tool before it can be used in the control.

Prepping the USB stick:

Double-click on the icon for the format tool and the tool will start. Make sure the file system is set to FAT(*not FAT32*), and click the "Quick format" box, then click Start and your USB stick will be formatted.

Once the stick has been formatted, make a folder called PROGRAMS on it for your user programs.

If you want a bootable USB stick:

Download this file:

www.omniturefactorydirect.com/mike/win98boot.zip

Put the win98boot.zip file in a folder on your desktop and right-click on it, then select the Extract option from the resulting menu. Depending on computer configuration Windows will either create a new folder called win98boot or just extract the files right into the folder containing the zip file.

Prepping the USB stick:

Double-click on the icon for the format tool and the tool will start. Make sure the file system is set to FAT(*not FAT32*).

Click the "Create a DOS startup disk" box, and click the square next to the "Using DOS system files located at" box to allow you to browse for the location of your win98boot folder.

Once you have located your win98boot folder, click on it and the folder's path will appear in the "Using DOS system files located at" box.

Click Start and, if your USB stick is not empty, you'll be warned that it's about to be formatted. If it's empty the warning will be skipped and the formatting will be done.

Now you've got a bootable USB stick

Making a bootable backup of your hard drive:

Boot your control normally with the new USB stick installed. After turning the servos on and clearing the initial "servos off" message, press Ctrl-Q to get to the DOS prompt, which will be K:\CNC>. At the DOS prompt, type **c:** and Enter. You should now see the C:\RUNFILES prompt.

Type **cd** and Enter. You should now see the C:\> prompt.

Type **MAKEHD** and Enter. The hard drive will clone itself to the USB stick. When it's done, as indicated by the return of the C:\> prompt, re-boot the control.