

## To Prepare USB stick for emulator

Download and install this software:

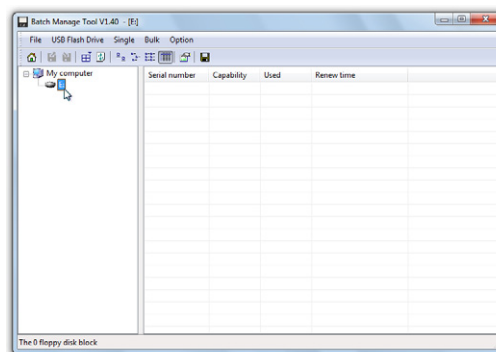
[http://omniturn.com/mike/USB\\_Floppy\\_Emulator\\_1.40i.exe](http://omniturn.com/mike/USB_Floppy_Emulator_1.40i.exe)

Insert new USB stick in windows computer and start the emulator program. (Refer to page 3 if necessary)

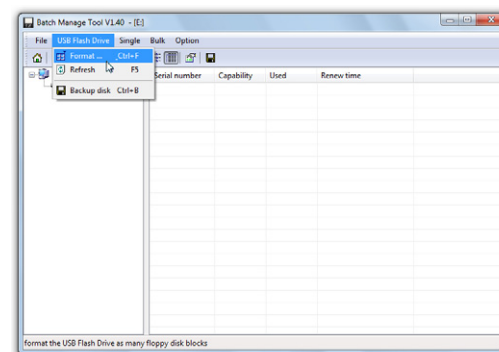
1. The left-hand pane will show the USB drives that are connected. If there are more than one, select the one you want to use. The right pane is blank.
2. Click “USB Flash Drive” tab at the top of the screen, then click “Format”. A dialog box should pop up.
3. Verify that the floppy format is set to 1.44m, the number of floppies is 100, and the “Quick Format” box is checked, then click “Begin to Format”.
4. A warning dialog should appear; Click OK to start the format.
5. After a few moments the “Format complete” message will appear. Click OK.
6. The right pane is now filled with statistics on the 100 virtual disks just created.

The stick is now ready for transferring programs.

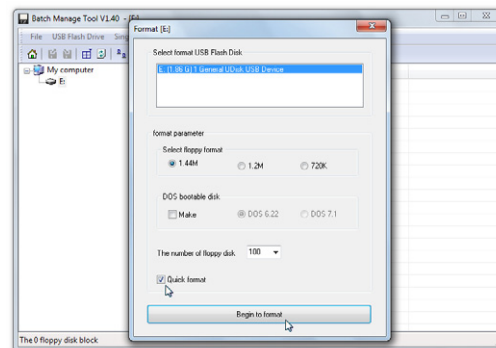
On the next page are instructions for adding various OmniTurn hard drive setup disks. It is not necessary to do this now, but it will come in handy if your control's hard drive ever needs to be re-installed.



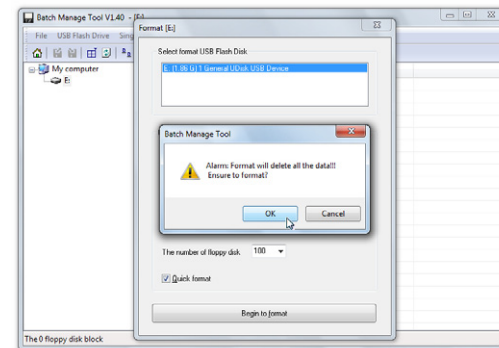
1. Click the USB stick.



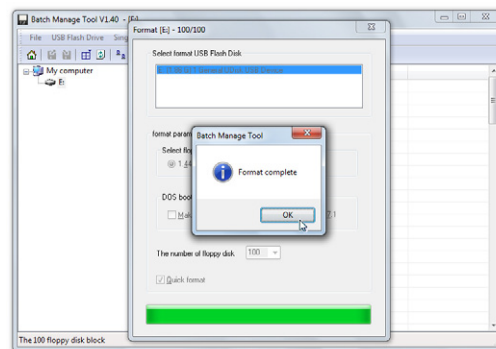
2. Click USB Flash Drive, then Format.



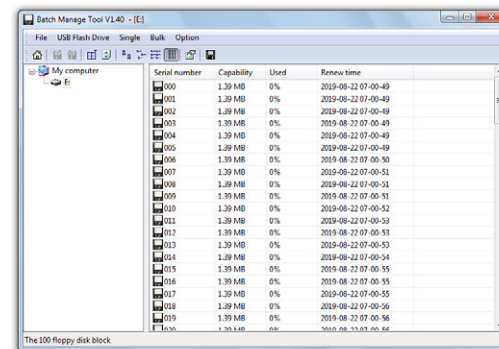
3. Select options; click Begin Format.



4. Click OK.



5. When format is done, click OK



6. Blank, formatted stick.

## To Add Hard Drive Setup Images

Download this file and extract the images to Emulator folder on your Desktop: (Refer to page 3 if necessary).

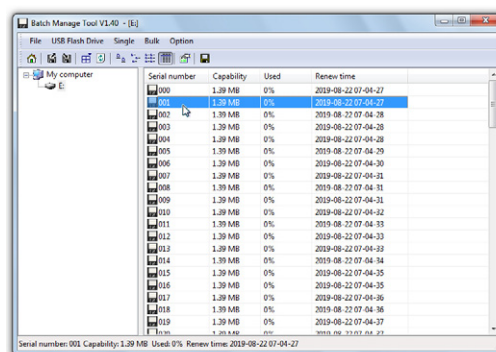
<http://omniturn.com/mike/images.exe>

Insert *formatted* USB stick in windows computer and start the emulator program.

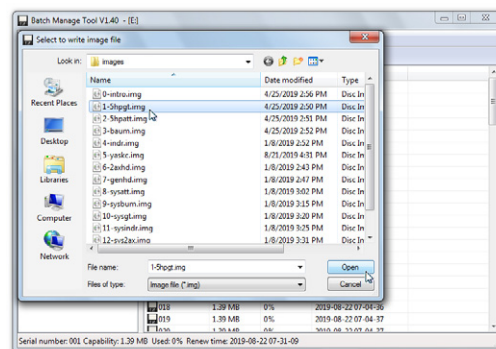
1. Select disk 001.
2. Click the "Single" tab at top of the screen. Click "Write image file"; an explorer pane will pop up.
3. Navigate to the images at *Desktop\Emulator\images*. Select the image file that matches your OmniTurn, then click Open. **Table below lists all images and types of machine.**
4. The dialog box should disappear and the statistics for virtual disk should now show that it's almost full.

To recreate the USB stick that ships with new emulator, write all the image files in the list to the stick according to their initial number:

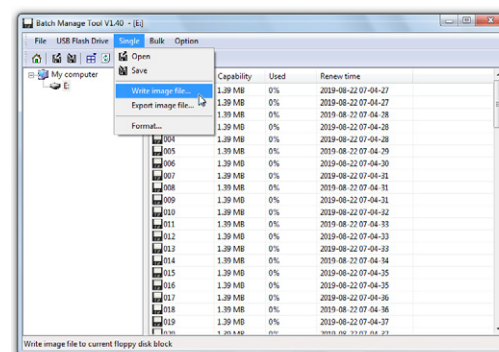
That is, write 1-5hpgt.img to disk 001; write 2-5hpatt.img to disk 002, 3-baum.img to disk 003, and so on.



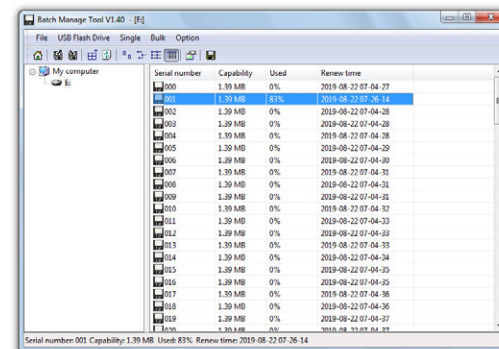
1. Select diskette 001.



3. Select image to write (1-5hpgt), then click Open.



2. Click Single, then Write.



4. Disk 001 now has image for standard 5hp GT.

### Image names and the hard drive they will setup:

1-5hpgt.img ..... 5hp inverter drive for GT  
2-5hpatt.img ..... 5hp inverter drive for Attachment  
3-baum.img ..... Baumuller C-Axis  
4-indr.img ..... Indramat C-axis  
5-yaskc.img ..... Yaskawa C-Axis  
6-2axhd.img ..... Oldest 2-axis control  
7-genhd.img ..... hdsu3.3.6

### Image names and the system disk they create:

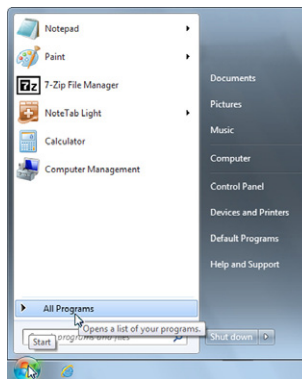
8-sysatt.img ..... System disk for inverter attachment  
9-sysbum.img ..... System disk for Baumuller C-Axis  
10-sysgt.img ..... System disk for inverter GT  
11-sysindr.img ..... System disk for Indramat C-Axis  
12-sys2ax.img ..... System disk for pre-1994 "2ax"  
13-sysyas.img ..... System disk for Yaskawa C-Axis  
14-vgaupd.img ..... Update disk for all execs

**To restore hard drive, first, insure that your program files are backed up.** Then press buttons on emulator until desired disk number is displayed, then reboot, enter BIOS setup, and set 'boot sequence' to "A:" or "Removable media". Press F10 to save and exit setup. OmniTurn should boot up on emulator with prompt to restore hard drive to desired machine type.

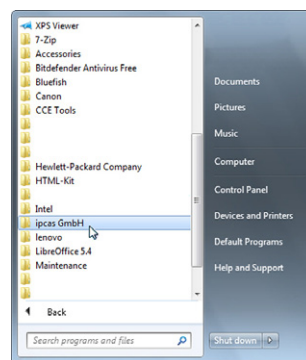
## To Start the Emulator Software

Download and install this software:  
[http://omniturn.com/mike/USB\\_Floppy\\_Emulator\\_1.40i.exe](http://omniturn.com/mike/USB_Floppy_Emulator_1.40i.exe)

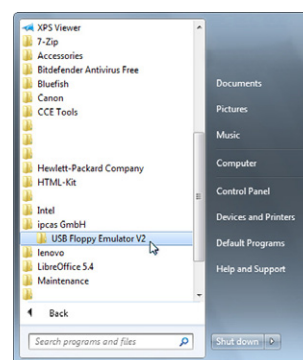
1. Click “Start”, then click “All Programs”.
2. Click “ipcas GmbH”.
3. Click “USB Floppy Emulator V2”.
4. Double click “USB Floppy Manager



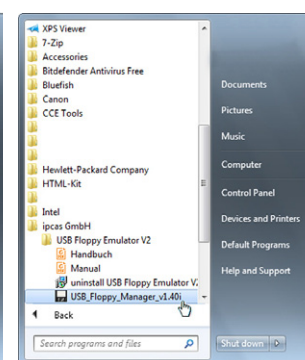
1. Click Start, then click All Programs.



2. Click ipcas GmbH.



3. Click USB Floppy Emulator V2

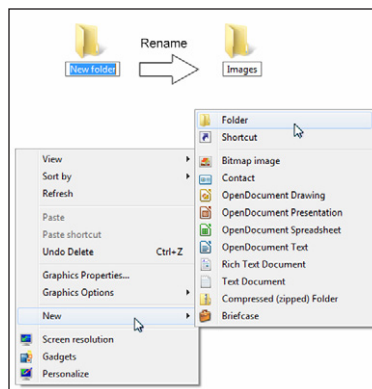


4. Double click USB Floppy Manager

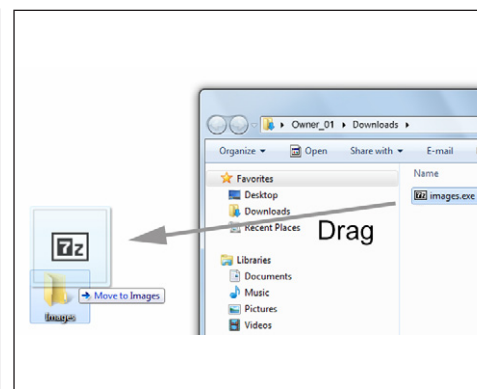
## To Extract the Images

Download this file:  
<http://omniturn.com/mike/images.exe>

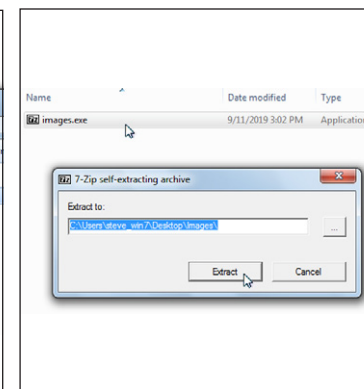
1. Right-click anywhere on your desktop, then select “New”, then click “Folder”. Name the folder “Images”
2. Navigate to downloaded *images.exe*, select the file, hold left-click and drag *images.exe* to “Images” folder.
3. Double-click *images.exe*, then click Extract to extract files



1. Right-click on desktop, then select “New”, “Folder”. Name the folder “Images”.



2. Navigate to downloaded *images.exe*, select the file, and drag *images.exe* to “Images” folder.



3. Double-click *images.exe*, then click Extract.