

M1 pendant PathPilot driver Installation

1. Reboot and when you see the "TORMACH" splash screen, hold down the left SHIFT and ALT keys to boot to desktop.
2. Copy and move following files to PathPilot PC under /home/operator

```
Makefile  
vc-m1  
vc-m1-pp.hal  
99-vistacnc-pendant.rules
```

3. Double click **Makefile**, select **Run**. This will install vc-m1 to /usr/bin and 99-vistacnc-pendant.rules to /lib/udev/rules.d
4. Copy and move **vc-m1-pp.hal** to /home/operator/tmc/configs/tormach_mill directory
5. Add following lines (in bold font) to custom_postgui.hal file (It is the file of POSTGUI_HALFILE in .ini file):

```
# Include your customized HAL commands here  
# The commands in this file are run after the AXIS GUI (including  
PyVCP panel) starts
```

```
sets spindle-at-speed true  
net jog.stepsize axisui.jog.increment => vc-m1.jog.stepsize
```

6. Open and add following lines (in bold font) to **tormach_1100-3.ini** files (in /home/operator/tmc/configs/tormach_mill directory):

```
[HAL]  
HALFILE = my-mill.hal  
HALFILE = custom.hal  
HALFILE = vc-m1-pp.hal  
POSTGUI_HALFILE = custom_postgui.hal  
HALUI = halui
```