

ABOUT DENFORD SOFTWARE SETTING FILES WITH WINDOWS 10

We are often asked about the location of setup files like tool data, especially in regard to networking.

Important : The directory C:\ProgramData\Denford and its contents must be have both read and write access by the user.

Denford software has historically used a simple approach to setting files and their location:

A simple text file contains the settings like tooling information

A main text (.ini) file which holds pointers to where the settings files are located.

The main .ini file is read in by the Denford software when it starts.

Setting files are then read in, according to the locations given in the .ini file.

Setting files are usually updated when the editing dialog closes.

The main .ini file is usually updated when the application is closed.

For example,

Start VR Milling v5

The file **VRMilling5.ini** is located and read in...

```
[Offsets]
Work Offset File=C:\ProgramData\Denford\AllOffsets.MOF
Tool Offset File=C:\ProgramData\Denford\AllOffsets.MOF
Library File=C:\ProgramData\Denford\AllOffsets.MOF
```

From this example, the Tool Offset File can now be located and read from **AllOffsets.MOF** which is located in C:\Documents and Settings\All Users\Application Data\Denford \

Example tool data in AllOffsets.MOF...

```
[Mill_TOOLS]
1_ZOFFSETVR=0
1_ZOFFSETREAL=0
1_LENGTH=50
1_DIAMETER=0.2
```

NB. You can see that the same file is shown for Work offsets, Tool offsets and Tool library. Although the ability to specify separate files is given, it is never used - being much easier to keep all information relating to the tools in one

MAIN APPLICATION .ini FILE LOCATION

A default main .ini file (**VRMilling5.ini**) is created during the VR Milling v5 installation.

It is updated to point to the settings files which have just been installed.

When the VR Milling software 1st runs, it will try to locate **VRMilling5.ini** in the user's *application data* folder

If the file cannot be found at that location, **VR Milling will** take the default file from the program installation directory C:\Program Files\Denford\VRMilling5 and then **make a copy** in the user's *application data* folder.

So, in a network environment, any changes to application settings are remembered per user— as long as the *user application data* folder is preserved for the next session.

If you wish to return to default application settings, you would need to delete the user's version of **VRMilling5.ini** in their *application data* folder, forcing the software to use (and copy) the original version from *Program Files\Denford\VRMilling5*

TOOL FILE LOCATION

Tooling information is shared between QuickCAM 2D Design (from v1.11 on) and VR Milling v5:

If VR Milling **is not** installed, then this tooling file is used:

C:\ProgramData\Denford \QuickCAM 2D.MOF

as pointed to by the file:

C:\ProgramData\Denford \QuickCAM 2D.ini

If VR Milling **is** installed, then QuickCAM 2D finds the file **VRMilling5.ini** and reads where the tool file is located from this section:

```
[Offsets]
Tool Offset File=C:\ProgramData\Denford\AllOffsets.MOF
```

MATERIAL FILE LOCATION

Material information can also be shared between QuickCAM 2D and VR Milling v5.

If VR Milling **is not** installed, then QuickCAM 2D will:

Look for the file:

C:\ProgramData\Denford\QuickCAM 2D.MAT

If it does not exist it will **create** the file with **default values**.

The default values will be created for Router and Novamill machine types. Novamill will be used by default.

In order to change which machine type is used, edit (or add) this entry in the **QuickCAM 2D.ini** file:

```
[Files]
...
Last Tool File=C:\ProgramData\Denford\AllOffsets.MOF
Last Material File=C:\ProgramData\Denford\VRMilling5.mat
Last Machine=ROUTER 2600
```

Note that the relevant section **must** exist in the **.MAT** file:

```
[ROUTER 2600]
1_FEED=5000
1_SPEED=23000
1_DESCRIPTION=Foam / Balsa
1_STEPDOWN=300
...
```

If VR Milling **is** installed, then QuickCAM 2D finds the file **VRMilling5.ini** and reads where the material file is located from this section:

```
[Materials]
Material File=C:\ProgramData\Denford\VRMilling5.mat ...
```

It will also read the active machine from this section, in order to decide which material section of the **.MAT** to read in:

```
[Default Settings]
Active Machine=MICROROUTER
Metric=1
...
```

The most common cause of missing materials is that the machine selected does not have a corresponding section in the **.MAT** file.