TECHSOFT

Installation Instructions

RotoCAMM TS-30

Printer Driver

Introduction

Production of the RotoCAMM TS-30 finished long before 64 bit Windows systems were in existence and so only has a 32 bit printer driver (which will not work on 64 bit systems). However, there is a 64 bit printer driver for the MDX-40 which was its successor. By implementing the MDX-40 printer driver, the TS-30 can be still be used on 64-bit systems.

It is important that you install the correct printer driver for the version of Windows you are running. If you are unsure which version you have, find out by choosing *Start > Control Panel > System and Security>System*. The *Windows edition* and the *System type* (eg., *64-bit Operating System*) will be shown.

N.B. All the other Roland software originally provided with the RotoCAMM TS-30 machine, eg., Virtual Modela, 3D Engrave, etc. can still be installed and run on 64 bit systems. Simply use the original Roland CD provided.

Please now turn to the page appropriate to your Windows system:

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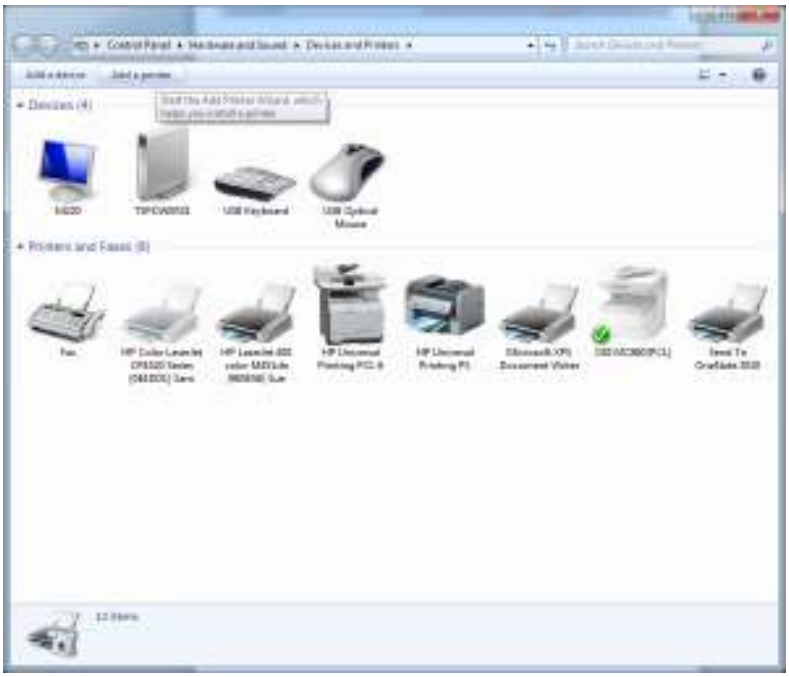
Windows 7 64 bit

1. Ensure that the RotoCAMM TS-30 is powered off and has NOT been connected to the computer.

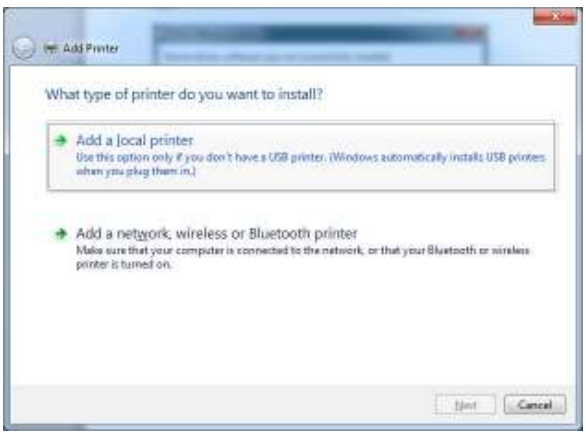
2. Download the latest printer driver for the **MDX-40** from http://www.rolanddg.com/download.html. You will need to sign the Roland licence agreement by clicking on *Agree*. Choose *3D > Milling > MDX-40*. Please ensure that you choose the driver for Windows 7 64 bit. After clicking the appropriate *Download* button, choose *Save as* and save the file in a convenient place on your computer.

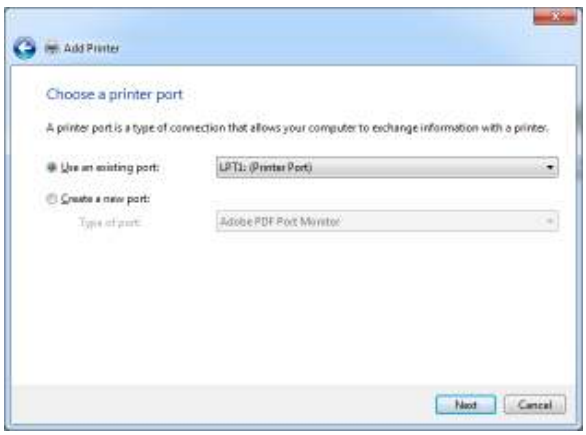
3. The file will be zipped. Click on it with the RH mouse button and choose *Extract All*. A folder will be created with the same name as the zipped file and the extracted files will be found within the folder.

4. Click on *Start > Devices and Printers* then click *Add printer* (on the bar at the top).

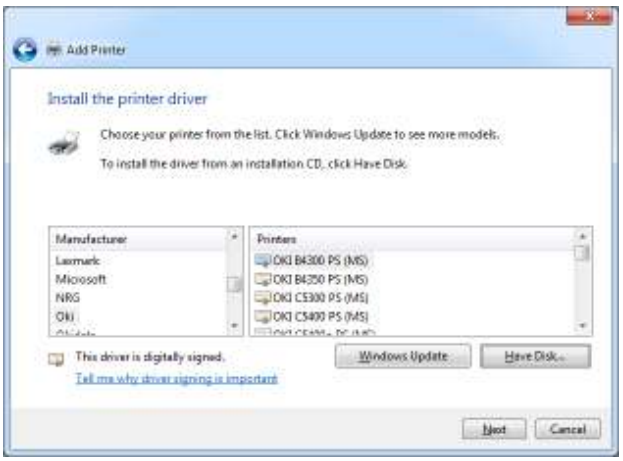


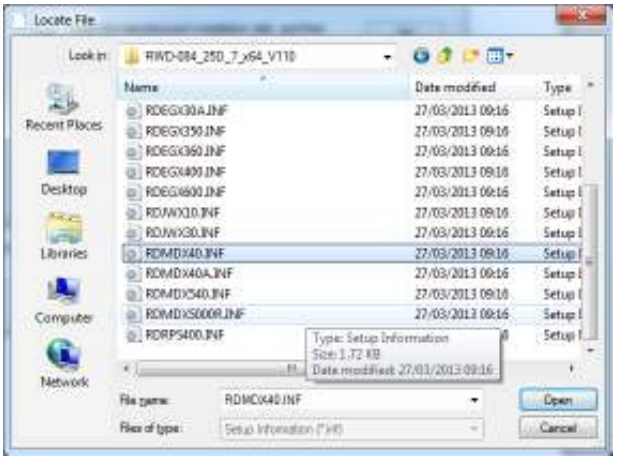
Choose *Add a local printer* then choose *Use an existing port*, **LPT1: Printer Port** (do not choose USB here). Click *Next*.



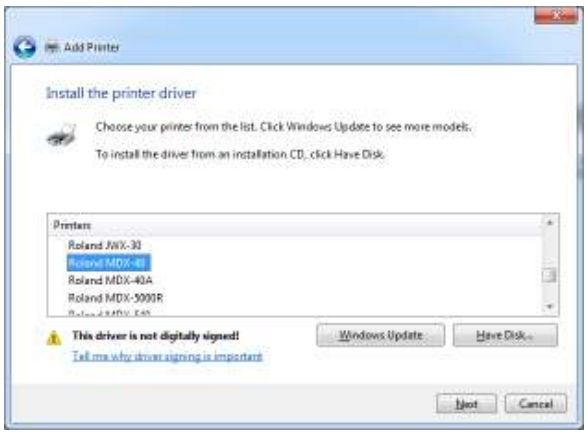


Click on *Have Disk* then browse to the file *RDMDX40.INF* which will be found in a sub-folder of the folder that you created in step 3. Click *Open* then click *OK*.

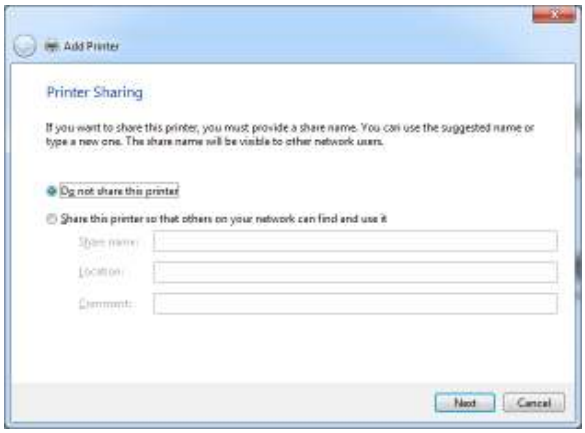




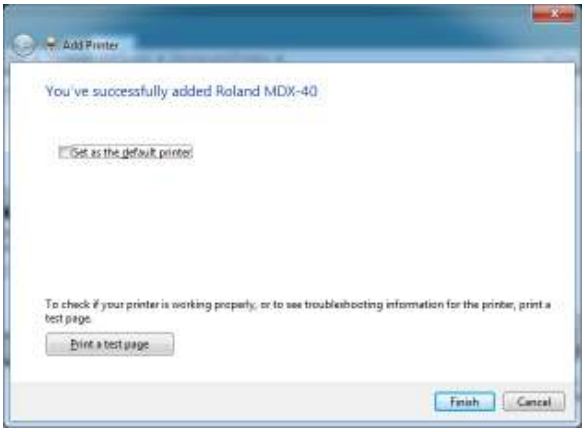
Choose *Roland MDX-40* from the list then click *Next*. Accept the Printer name *Roland MDX-40* by clicking *Next*.



At the prompt choose *Install this driver software anyway* then, once the printer driver has installed, choose *Do not share this printer* and click *Next*.

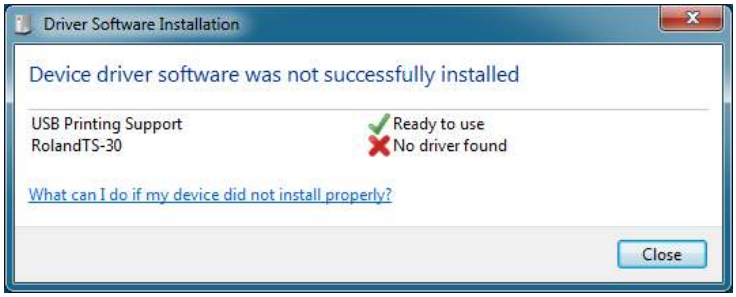


Choose whether to *Set as the default printer* then click *Finish*.



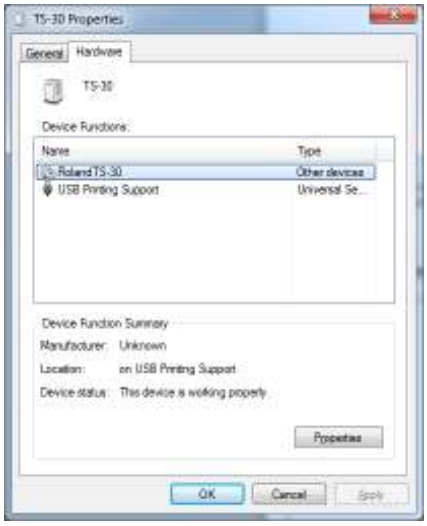
5. Power up the RotoCAMM TS-30 (power button at the front and the back of the machine) and connect it via a USB cable to the computer.

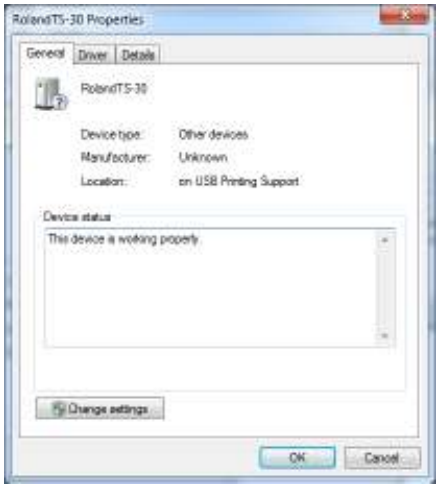
6. A message “Installing device driver software” should appear. After a while a message “Device driver software was not successfully installed” will appear. Clicking on the message will show the following dialog box. Click *Close*.



7. Click on *Start > Devices and Printers*. The Roland MDX-40 printer driver should appear in the *Printers and Faxes* section and the TS-30 should appear in the *Unspecified* section. Right click on the TS-30 icon and choose *Properties.*

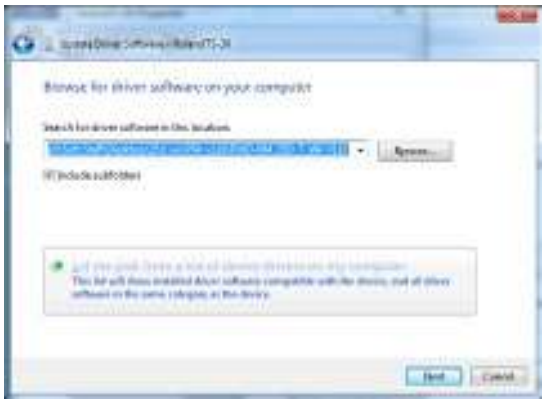
Choose the *Hardware* tab then click on *Properties* then *Change Settings*.



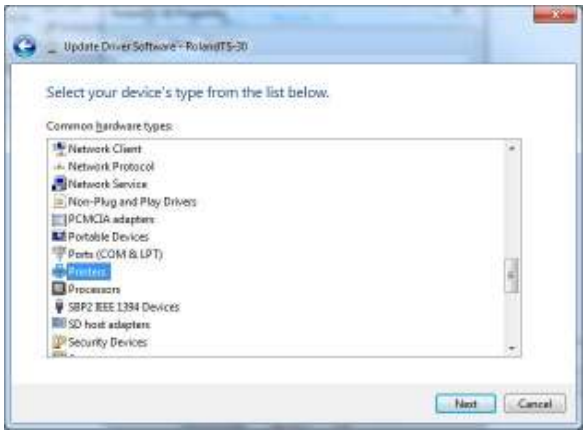


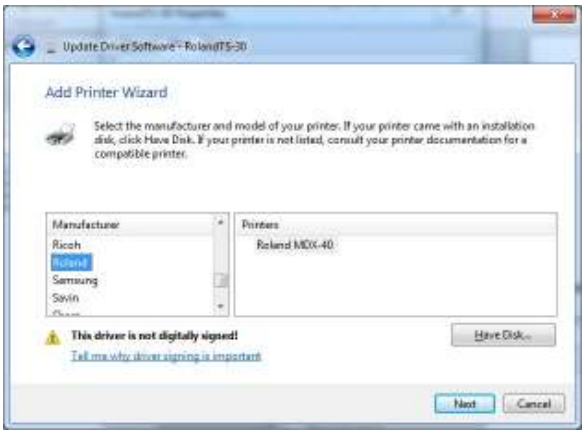
Choose the *Driver* tab then click on *Update Driver*…

Choose *Browse my computer for driver software* then *Let me pick from a list of device drivers on my computer.*



Highlight *Printers* then click *Next*. Select the Manufacturer *Roland* and the Printer *Roland MDX-40* then click *Next*.

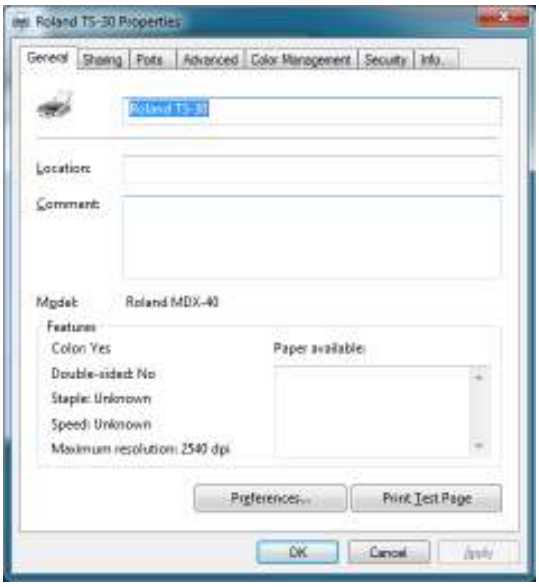




Click *Yes* to the warning prompt and the Roland MDX-40 printer driver should be successfully assigned to your TS-30. Click *Close*.

8. Close all windows then click on *Start > Devices and Printers.* The TS-30 should now have disappeared from the *Unspecified devices* section, the *Roland MDX-40* printer driver will remain and on most systems a new printer driver Roland MDX-40 (Copy 1) will have appeared. (On a few systems only the Roland MDX-40 printer driver will be present.)

9. Right click on the *Roland MDX-40 (Copy 1)* printer icon (or *Roland MDX-40* printer icon if your system has no "Copy 1") and choose *Printer Properties*. Rename the driver as *Roland TS-30* then click *OK*.



10. If you had a "Copy 1" you will still have the original *Roland MDX-40* printer icon (the one you created originally outputting to the Port LPT1) so you need to remove it. Do this by clicking on the Roland MDX-40 printer icon with the RH mouse button then choosing *Remove*.

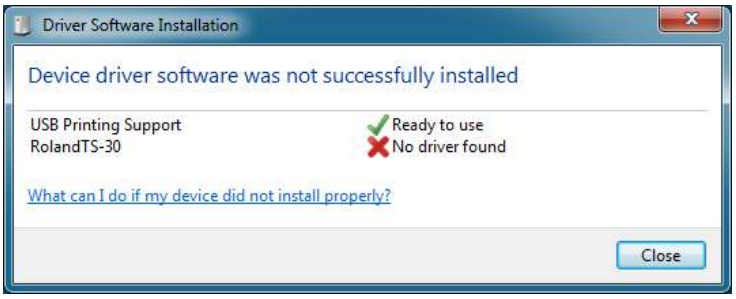
11. **IMPORTANT:** Power down the RotoCAMM TS-30 and then restart it. Output from 2D Design V2 should now be possible via the usual *File > CNC Output* with the *CNC device: RotoCAMM TS-30* selected.

Windows 7 32 bit

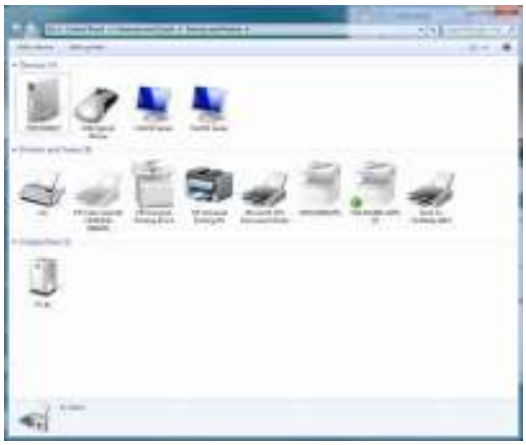
1. Insert the latest version of the Roland Software Package CD (V3.4) provided with the RotoCAMM TS-30 into the computer. If it does not autorun, click on *CDMenu.exe*. Select *TS-30* from the dropdown menu. If you wish to install any/all of the Roland software, tick the appropriate boxes. **DO NOT TICK THE WINDOWS DRIVER BOX. THIS METHOD OF INSTALLATION WILL NOT WORK WITH WINDOWS 7.** If you do wish to install any programs (apart from the Windows Driver) click *Install* to do so now and follow the prompts. Finally, close the dialog box. (N.B. If you do not have the latest version of the Roland Software Package CD, please contact TechSoft.)

2. Power up the RotoCAMM TS-30 (power button at the front and the back of the machine) and connect it via a USB cable to the computer.

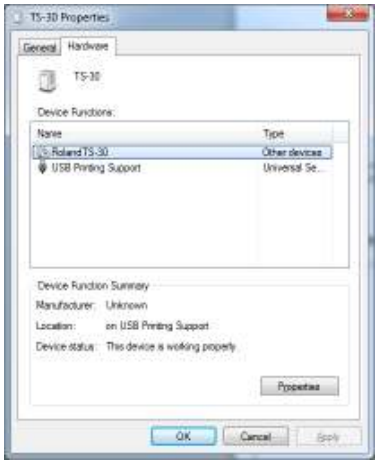
3. A message “Installing device driver software” should appear. After a while a message “Device driver software was not successfully installed” will appear. Clicking on the message will show the following dialog box. Click *Close*.

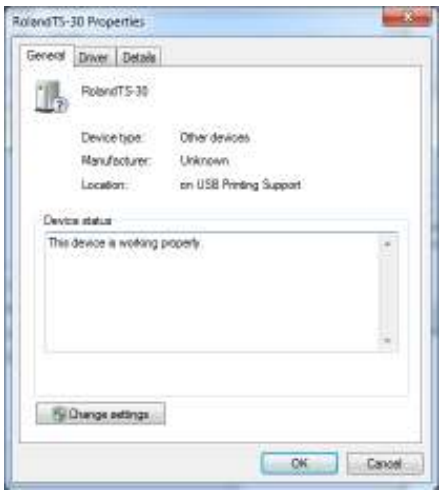


4. Click on *Start > Devices and Printers*. A *TS-30* icon should appear in the *Unspecified* section. Right click on the TS-30 icon and choose *Properties.*



Choose the *Hardware* tab then click on *Properties* then *Change Settings*.

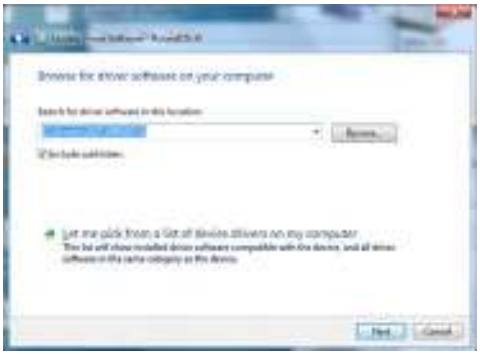




Choose the *Driver* tab then click on *Update Driver*…

Choose *Browse my computer for driver software*

Click the *Browse button and Browse* the CD to *\Drivers\25D\WINVISTA\RDTS30.INF.* Click *OK* then click *Next.*



Click on *Install this driver software* anyway when the warning prompt appears.

The printer driver will be installed and the following dialog box will appear.

5. Close all windows.

Windows Vista 32 bit

1. Insert the latest version of the Roland Software CD (version 3.4) provided with the RotoCAMM TS-30 into the computer and run *CDMenu.exe*. Select *TS-30* from the dropdown menu. If you wish to install any/all of the Roland software, tick the appropriate boxes. **DO NOT TICK THE WINDOWS DRIVER BOX. THIS METHOD OF INSTALLATION WILL NOT WORK WITH WINDOWS VISTA.** If you do wish to install any programs (apart from the Windows Driver) click *Install* to do so now and follow the prompts. Finally, close the dialog box.
   N.B. If you do not have the latest version of the Roland Software Package CD, please contact TechSoft).

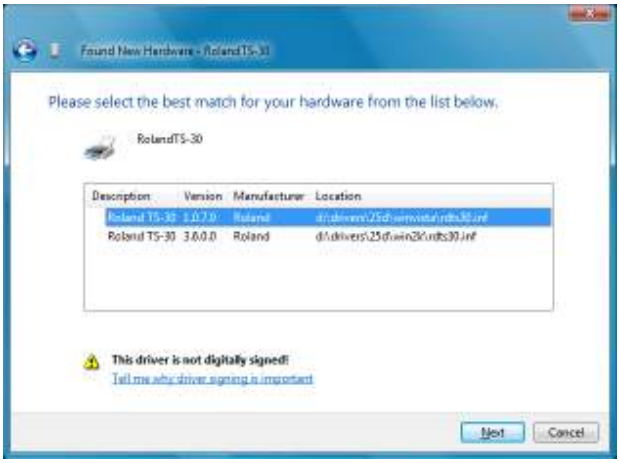
2. Power up the RotoCAMM TS-30 (power button at the front and the back of the machine) and connect it via a USB cable to the computer.

3. A message “Installing device driver software” should appear. After a while the following dialog box will appear.

Ensure that the Roland Software CD is still in the drive and then click on *Locate and install driver software (recommended)*

4. After some time (please be patient), the following dialog box will appear. With the Roland Software CD still in the drive click *Next*.

5. When the following dialog box appears ensure that the “winvista” driver is selected as shown below and click *Next*.



6. Click on *Install this driver anyway* when the warning box appears.

7. The driver will be installed and the following box will appear.

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