



# Windows Driver Guide

(Windows 2000 or later, Installer version)

## Revision History

<b>Date</b>	<b>Revision</b>	<b>Description</b>
31-08-2010	Rev 1.0	Based on Rev 1.630
27-10-2010	Rev 1.1	Procedure for adding printer through Parallel Port after driver installation
24-01-2011	Rev 1.2	Modification in the section 3-1 & 3-2.
08-02-2011	Rev 1.3	Procedure for adding printer through Serial Port after driver installation

## Operating system

TVS Electronics drivers are designed to work on any of following operating systems.

Microsoft Windows 2000 (SP4 or later)

Microsoft Windows XP

Microsoft Windows Server 2003 ( The functions in terminal mode are limited. )

Microsoft Windows Vista

Microsoft Windows 7

Windows Installer 3.x needs to be installed for driver installation.

(This software is automatically installed by Windows update.)

Windows Installer can be downloaded from following site.

<http://www.microsoft.com/downloads/details.aspx?FamilyID=5fbc5470-b259-4733-a914-a956122e08e8&displaylang=en>

## 2. Supported printer models and interfaces.

Drivers for "TVS Electronics" printers are listed as follows.

Thermal printer	RP-4150	Standard driver
	RP-3200	Standard driver
	RP-3300	Standard driver
	RP-35	Standard driver

Supported interfaces are

1. Parallel interface
2. USB interface
3. Serial interface

### Caution

#### USB Virtual com driver

If you use RP-4150 with setting for V-COM, USB drivers need to be installed before Windows driver installation. Please refer to the separate manual for USB driver.

#### Multiple drivers on one PC

This driver installer does not allow installing more than two same printers to the one PC. If you want to connect multiple same printers to one PC, please use non-installer type driver.

### 3. Install and uninstall the driver

These instructions use Windows XP as the example operating system. Windows 2000, Windows Server 2003, Vista or 7 are similar.

**Remarks:** User must have administrator right. Uninstall the older drivers prior to the installation.

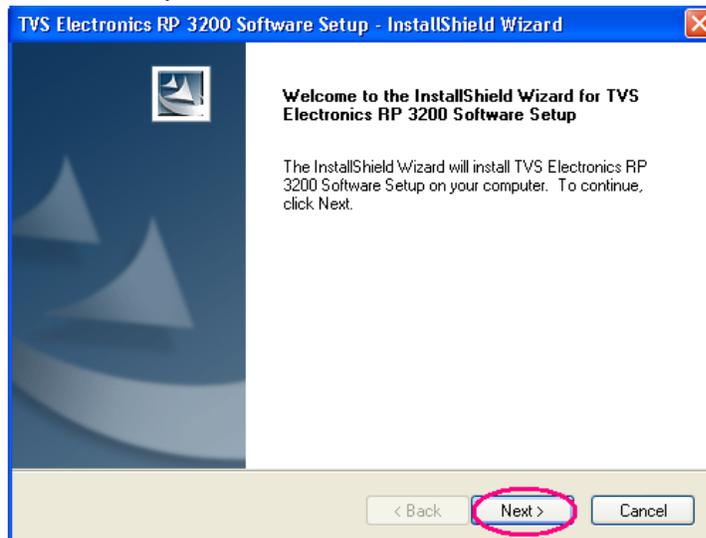
This explanation does not include anything about User Account Control (UAC)

**Do not turn on the printer connected to the PC before installing the driver.**

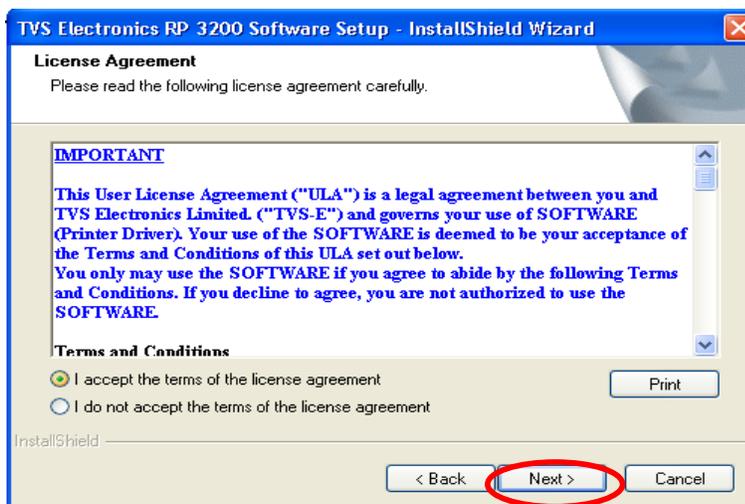
#### 3-1. Install the driver

Run the driver installer file by the user with Administrator right.

"Welcome" window shows up. Press "Next" button.



If you can accept the License Agreement, choose "I accept..." and press "Next".



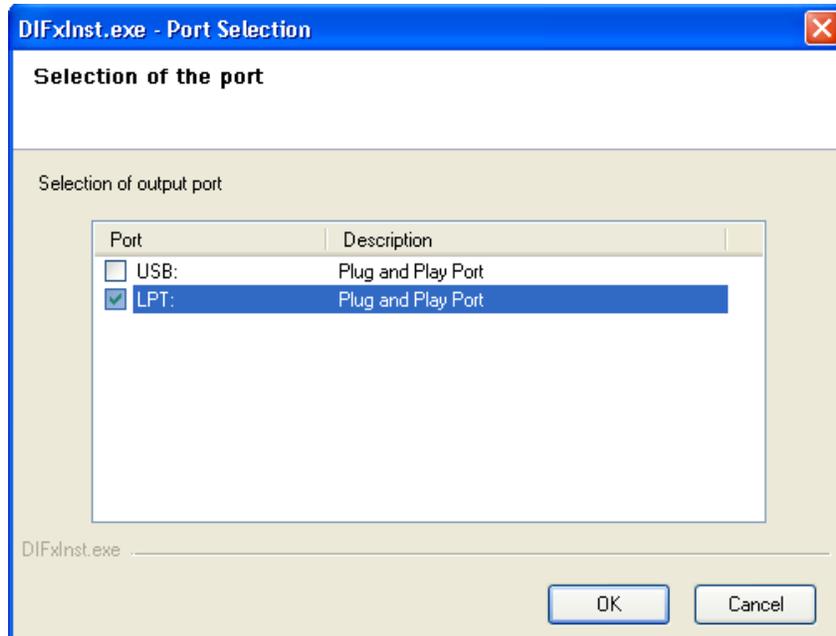
*Choose the Connected Interface to the printer:*

*If you connect the Printer through Parallel Port, Choose LPT and Press OK*

*If you connect the Printer through USB Port, Choose USB and Press OK*

You can choose only 1 interface here.

(The interface shown depends on the PC and Windows environment.)

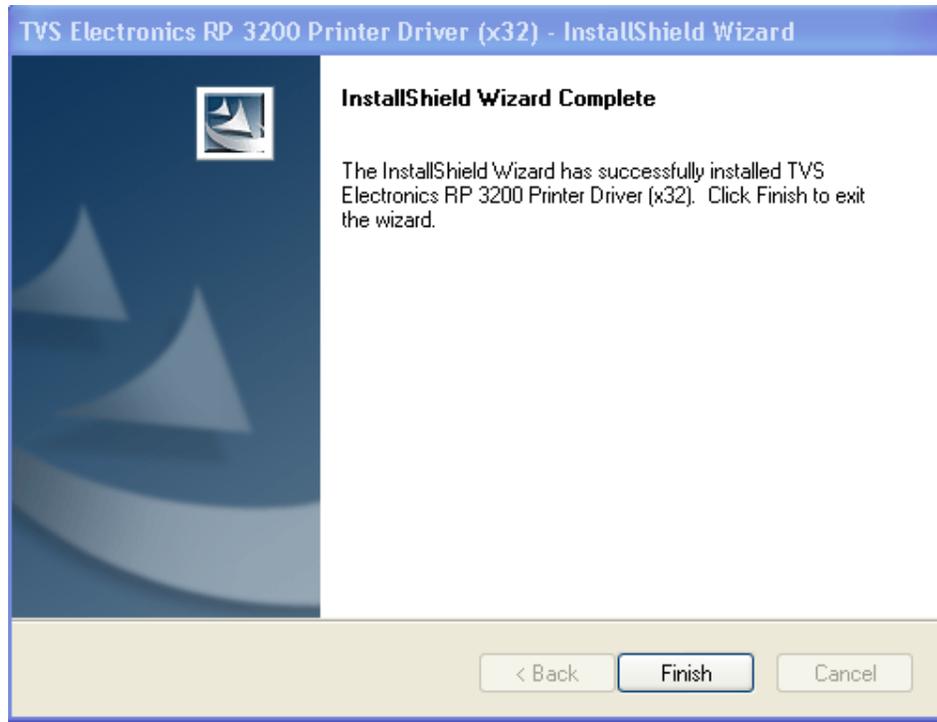


This kind of warning may show up once or twice.

Please press "Continuous Anyway" on this screen.



The installation is finished.



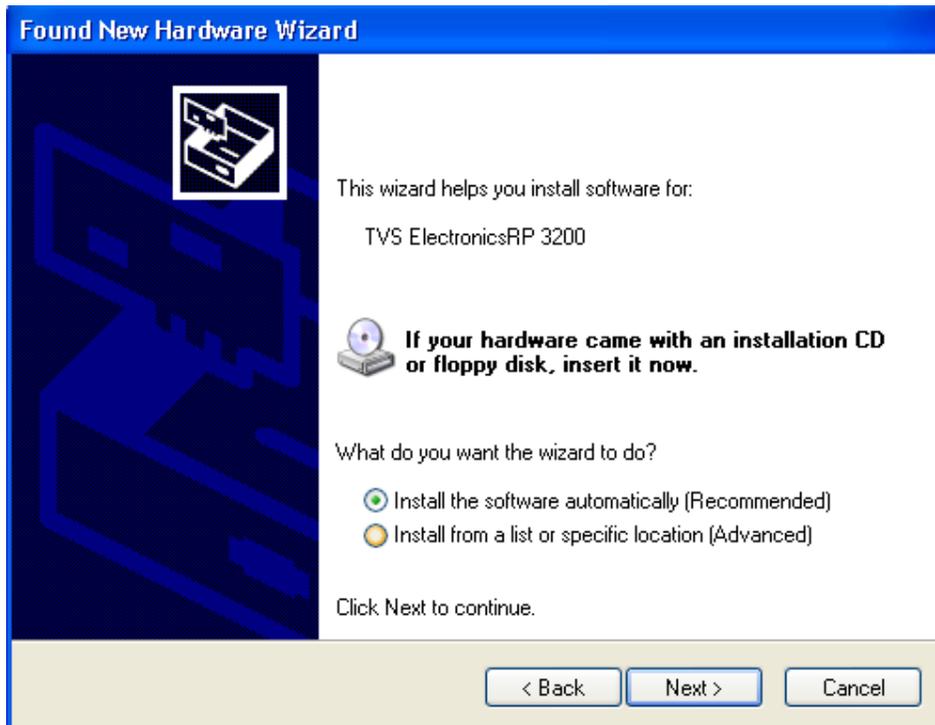
If the interface is USB, turn on printer connected to the PC. Then following additional steps automatically starts.

Choose "No, not this time" here.

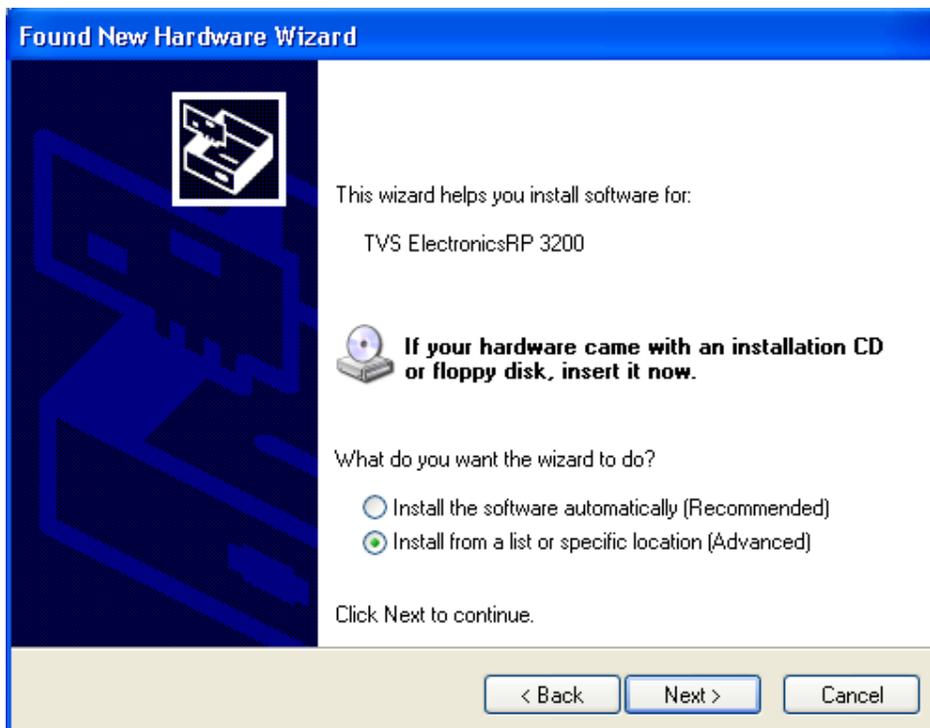


Follow Either Step 1 or Step 2 below for adding Printer in Printer & Faxes.

1. Select Install the Software automatically (Recommended) option.

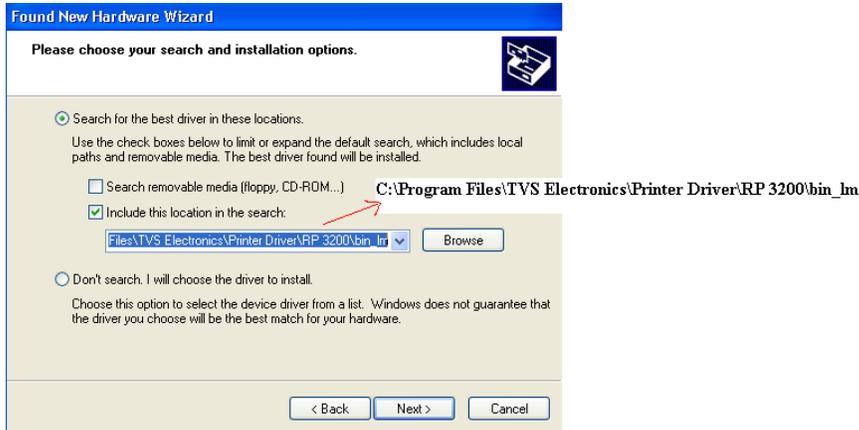


2. Select Install from a list or specific location (Advanced) option.



Click Next.

Choose the Printer Driver from the following Path:

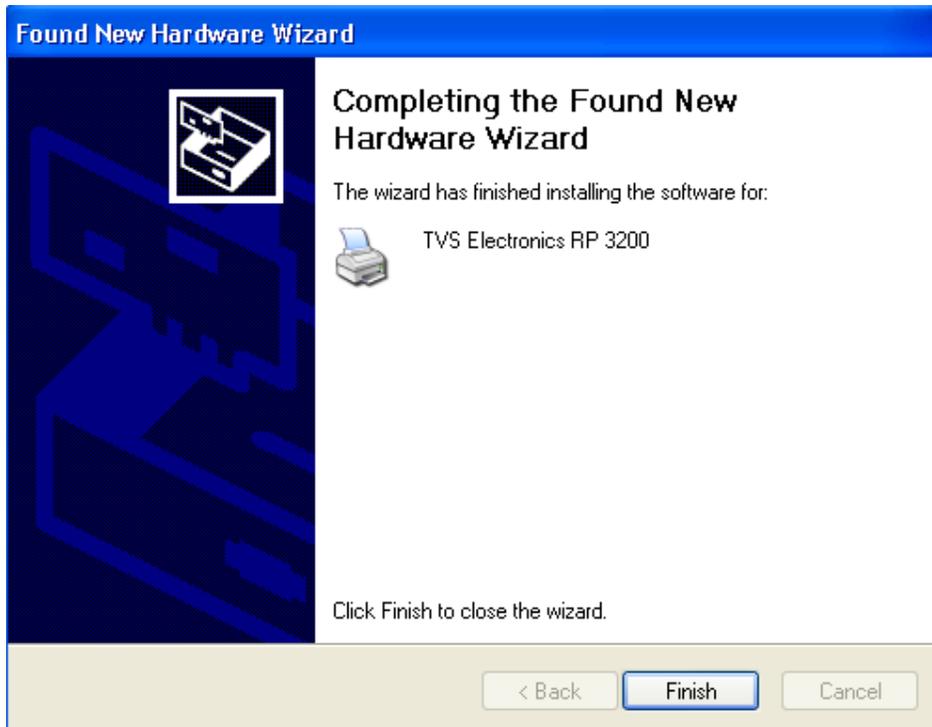
**"C:\Program Files\TVS Electronics\Printer Driver\RP 3200\bin\_lm"**

Click Next.

This kind of message may shows up. As this driver does not have any problem, please go ahead by pressing "Continue Anyway" button.



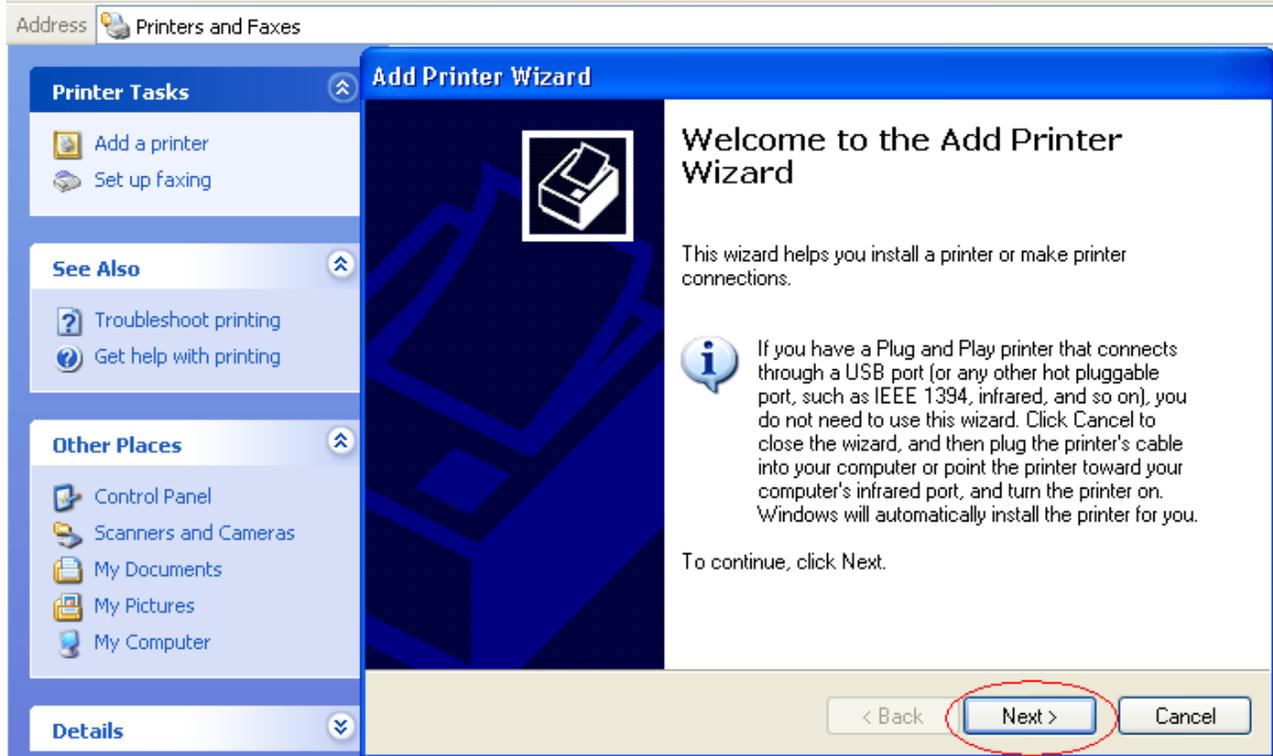
Then installation is finished with the message of "Finish".



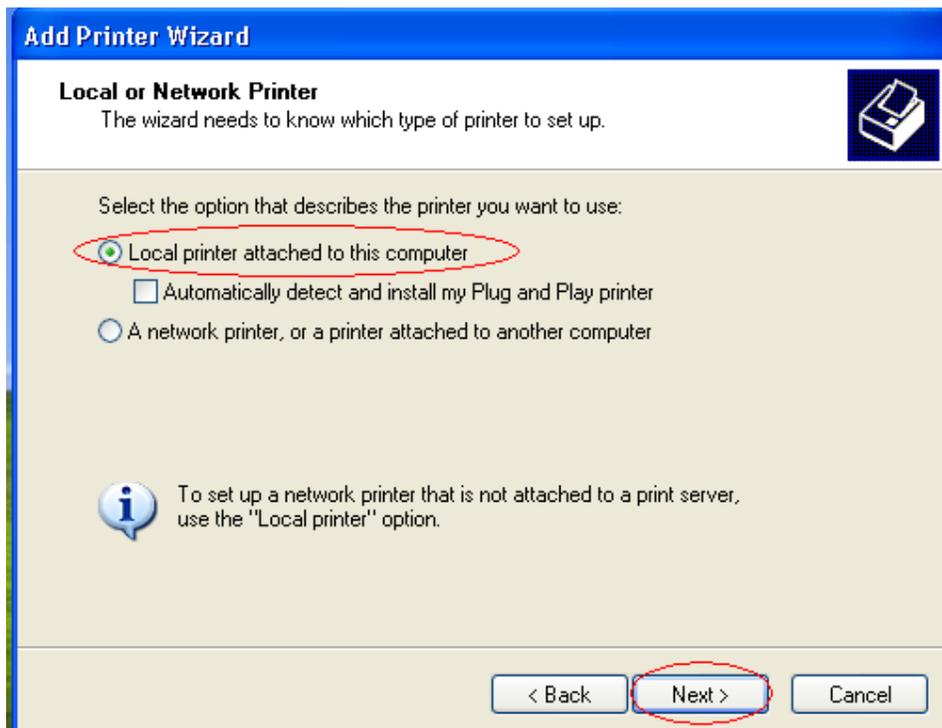
Please check if the driver is added in "Printers and Faxes" windows.

If the interface is Parallel, turn on printer connected to the PC. Then perform the additional steps.

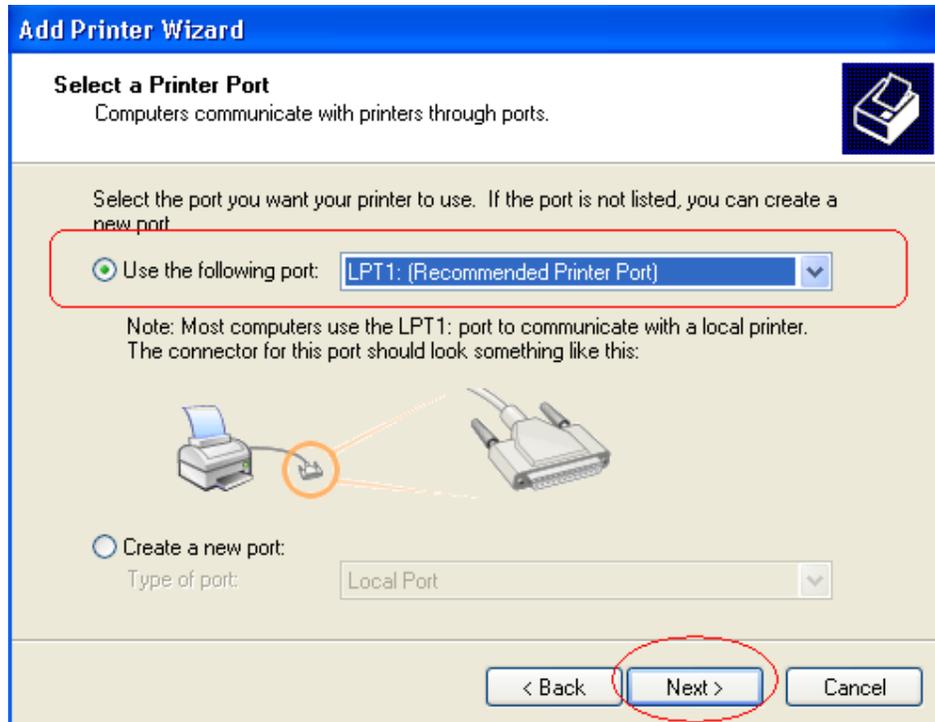
Go to Printer & Faxes, Select Add Printer Option, Press Next.



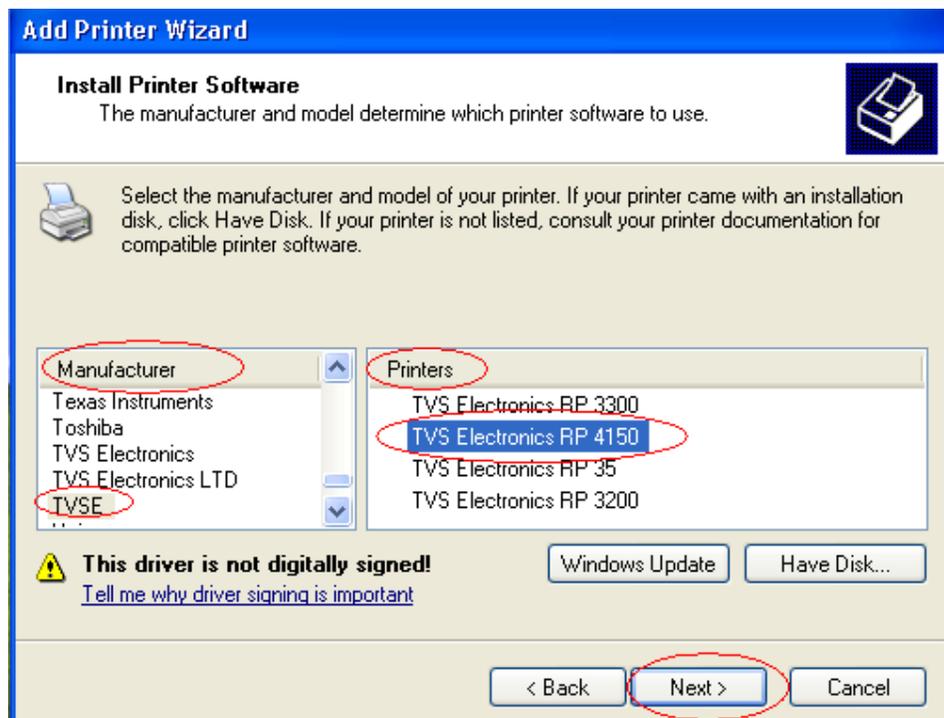
Select Local Printer attached to this Printer option and Press Next to Proceed,



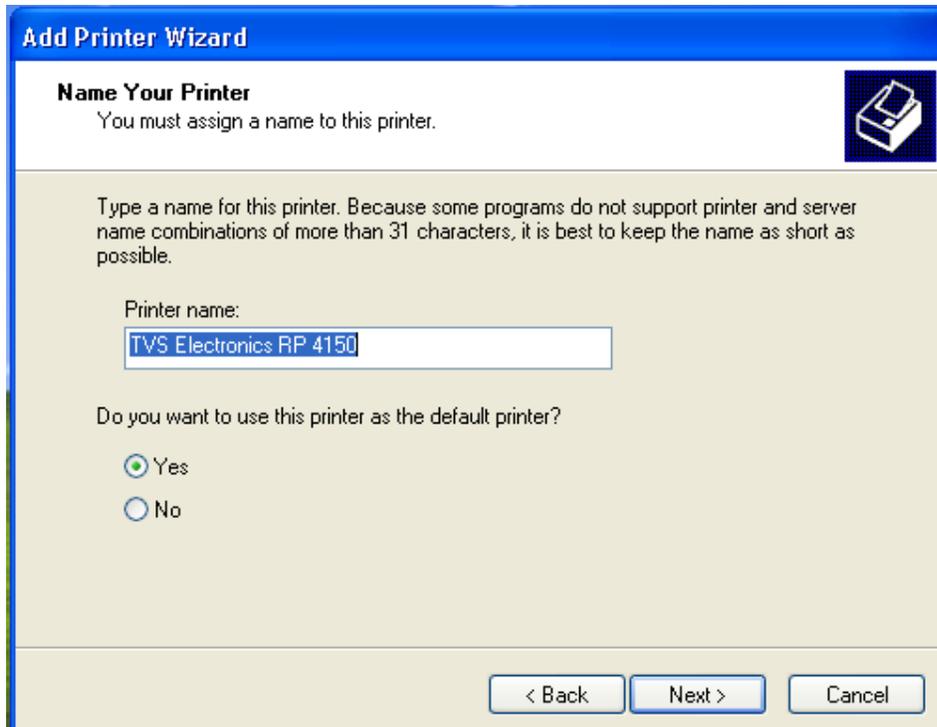
Choose LPT1 option from the following window:



Choose TVSE from the Manufacturer and TVS Electronics RP4150 from Printers  
Press NEXT



Select the option YES (To set the printer as default printer).



**Add Printer Wizard**

**Name Your Printer**  
You must assign a name to this printer.

Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.

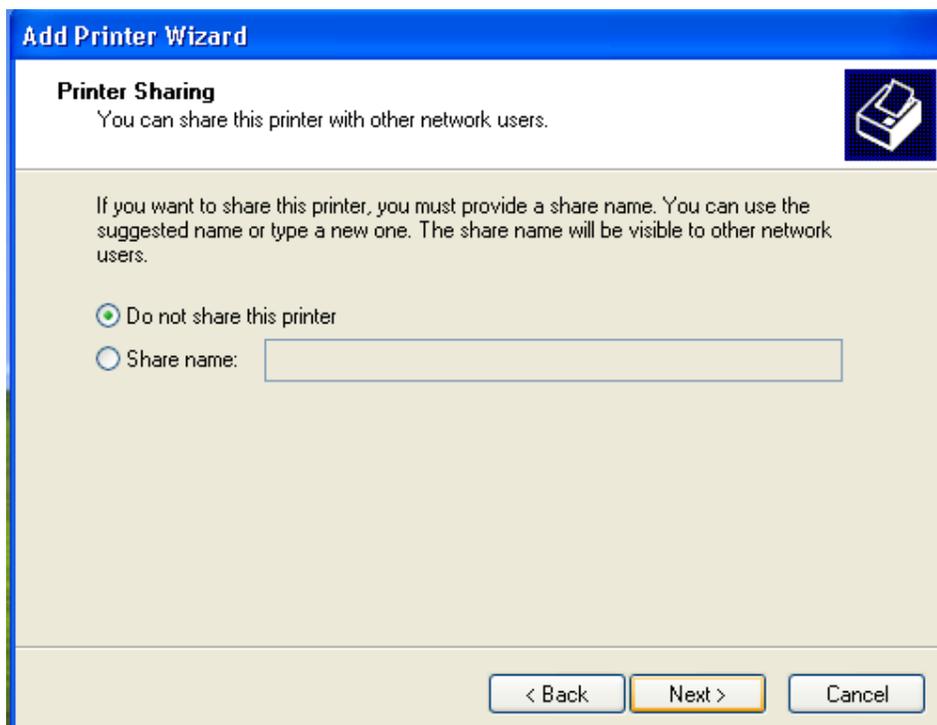
Printer name:

Do you want to use this printer as the default printer?

Yes  
 No

< Back   Next >   Cancel

If you no need to share the printer, select Do not share this printer, Press NEXT.



**Add Printer Wizard**

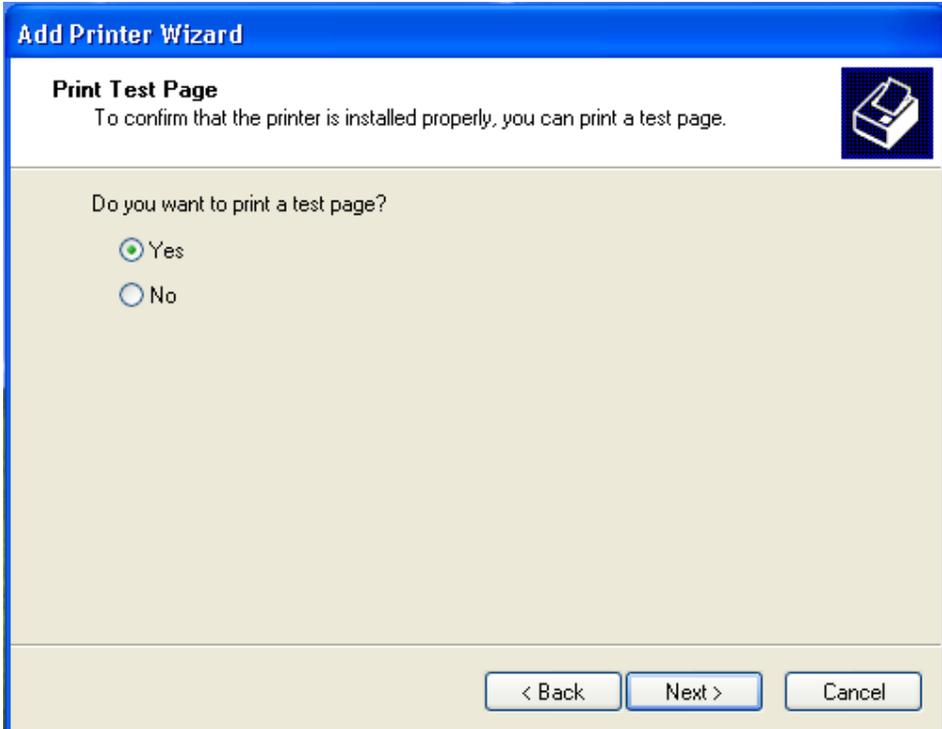
**Printer Sharing**  
You can share this printer with other network users.

If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.

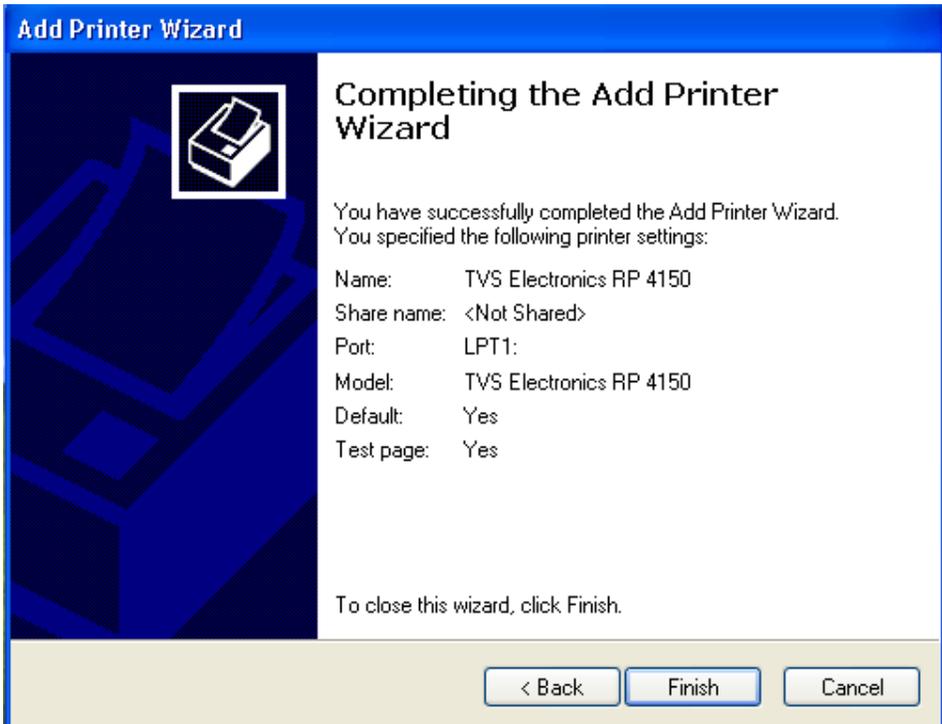
Do not share this printer  
 Share name:

< Back   Next >   Cancel

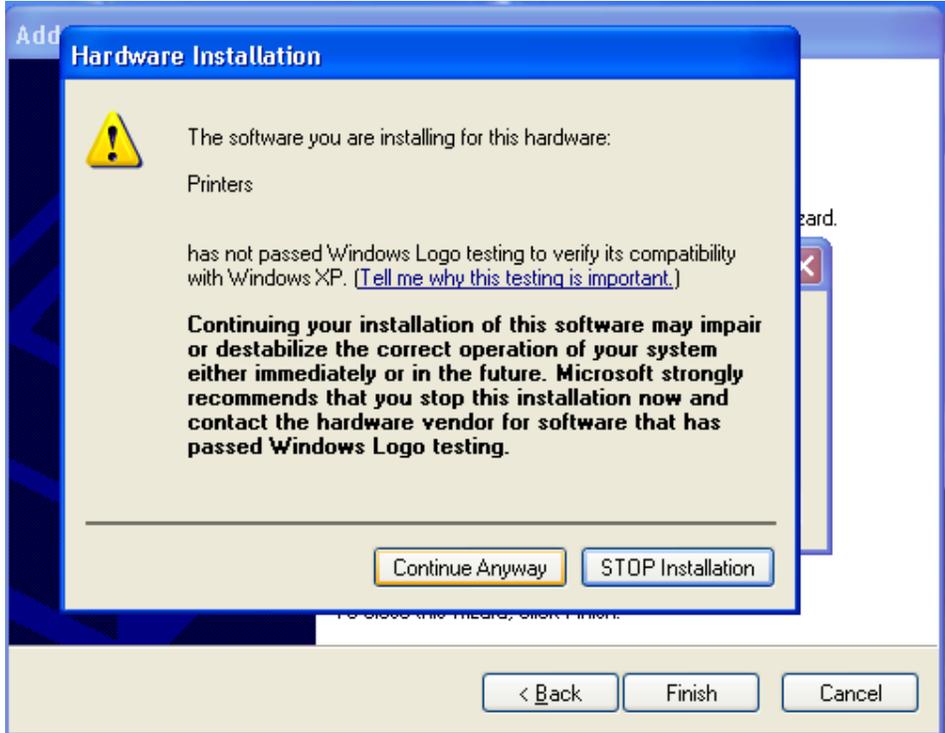
Select YES to print a test page



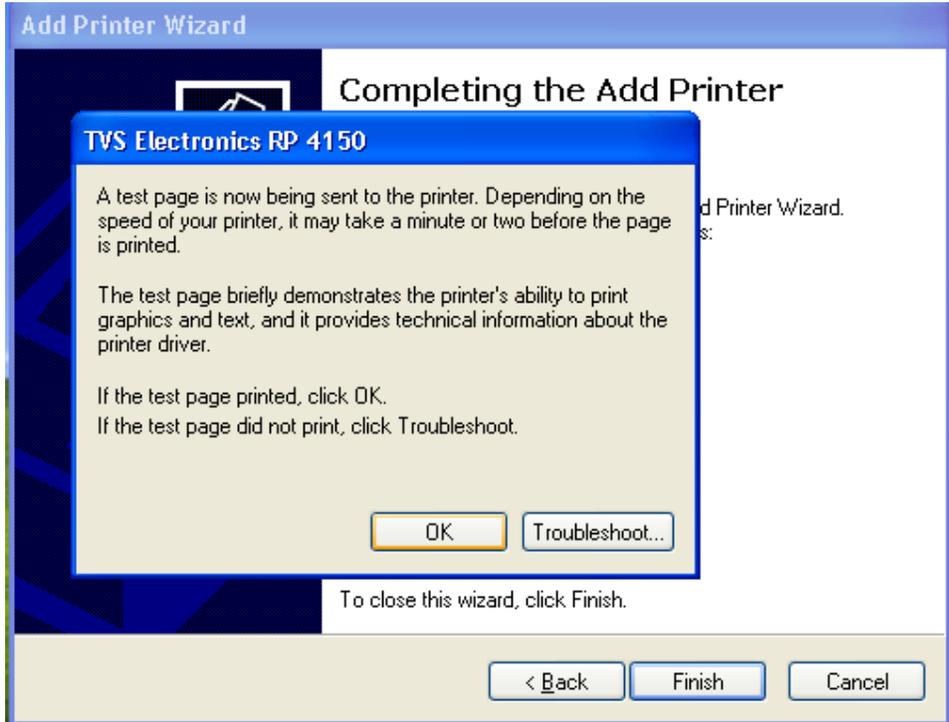
Press FINISH



Press CONTINUE ANYWAY



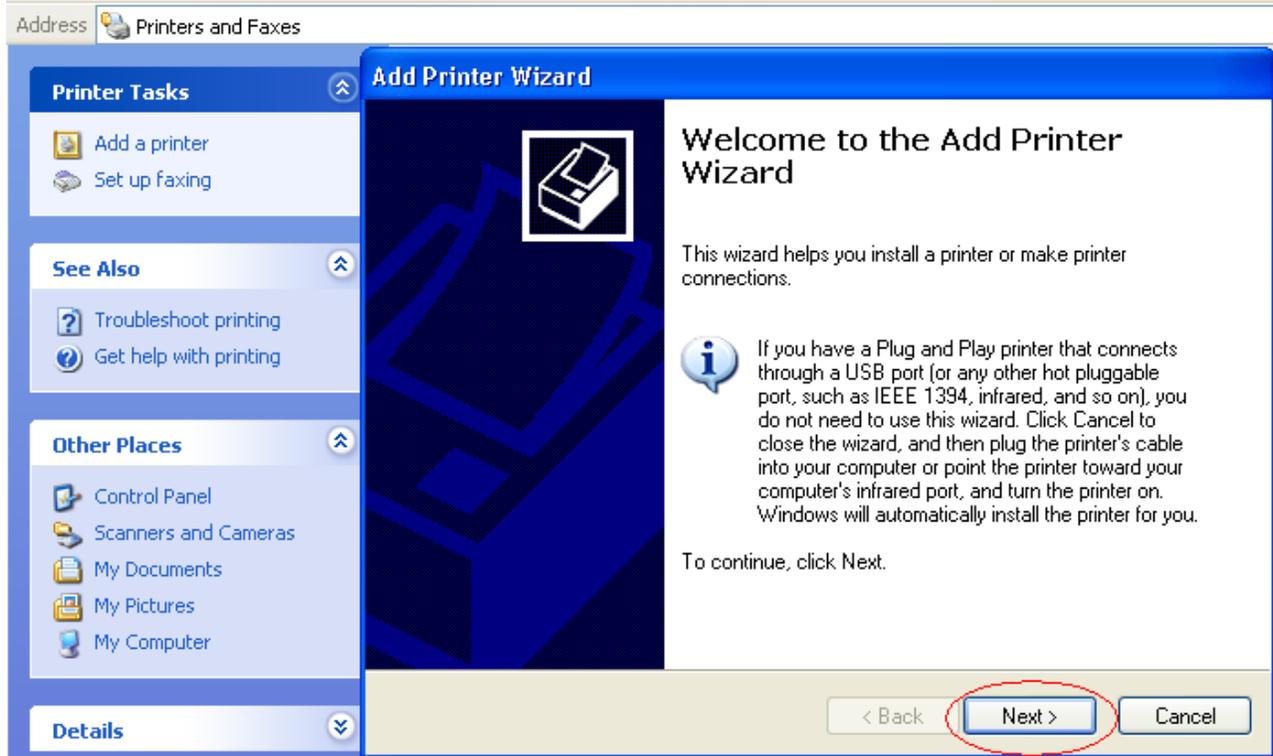
Click Finish to complete the add printer wizard



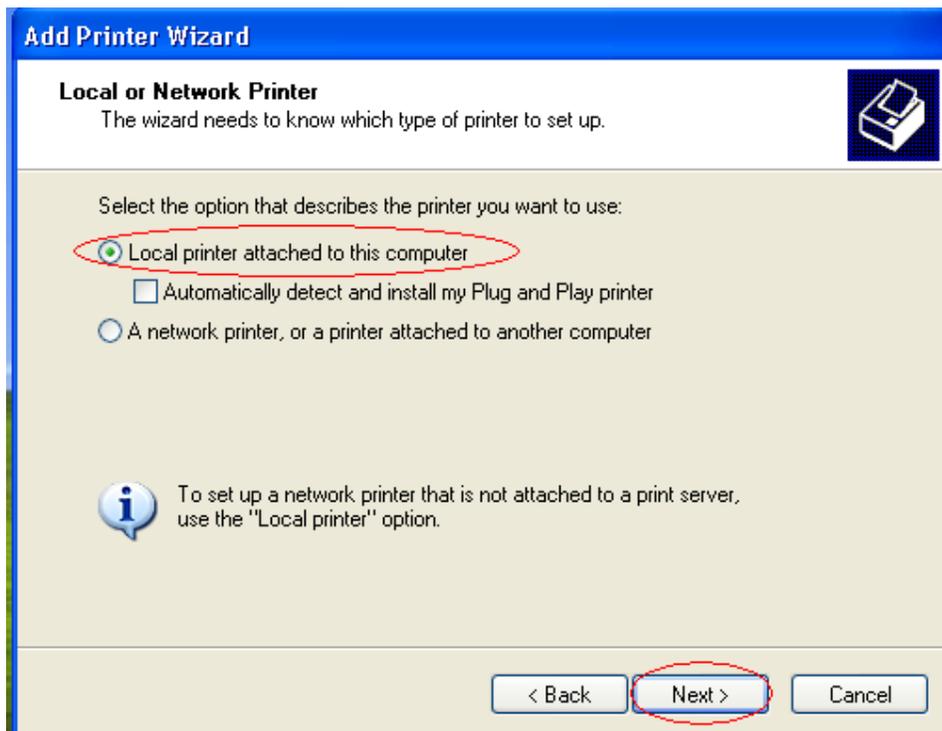
Please check if the driver is added in "Printers and Faxes" windows.

If the interface is Serial, turn on printer connected to the PC. Then perform the additional steps.

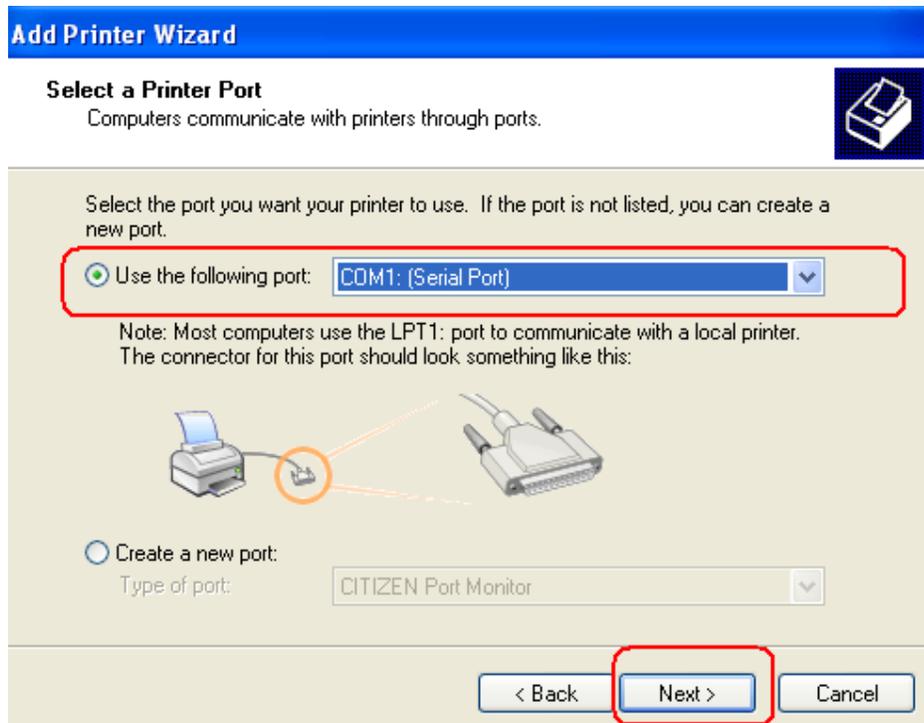
Go to Printer & Faxes, Select Add Printer Option, Press Next.



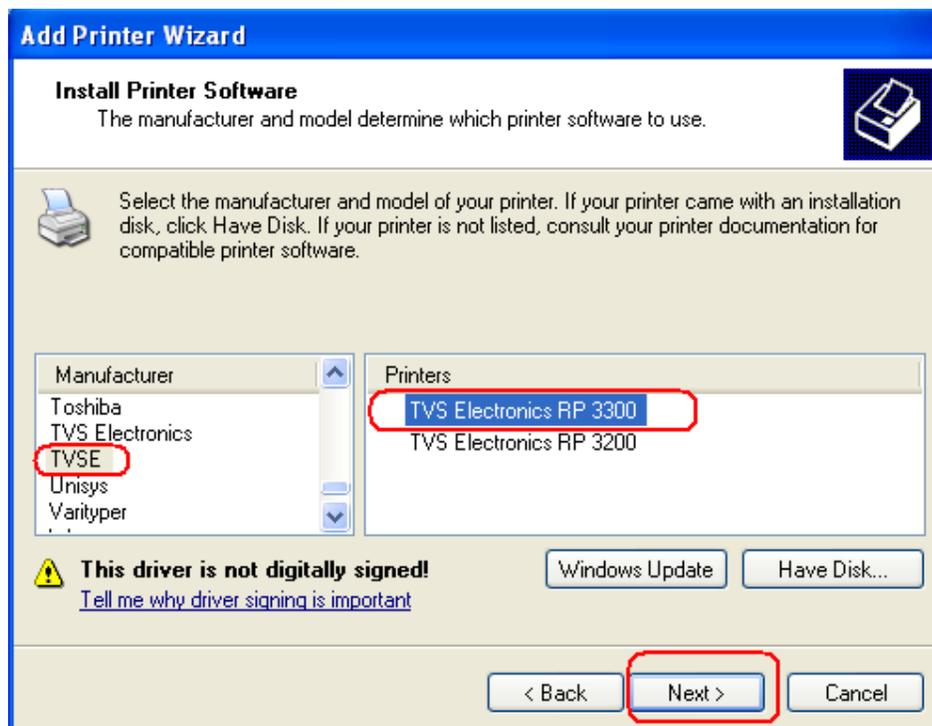
Select Local Printer attached to this Printer option and Press Next to Proceed,



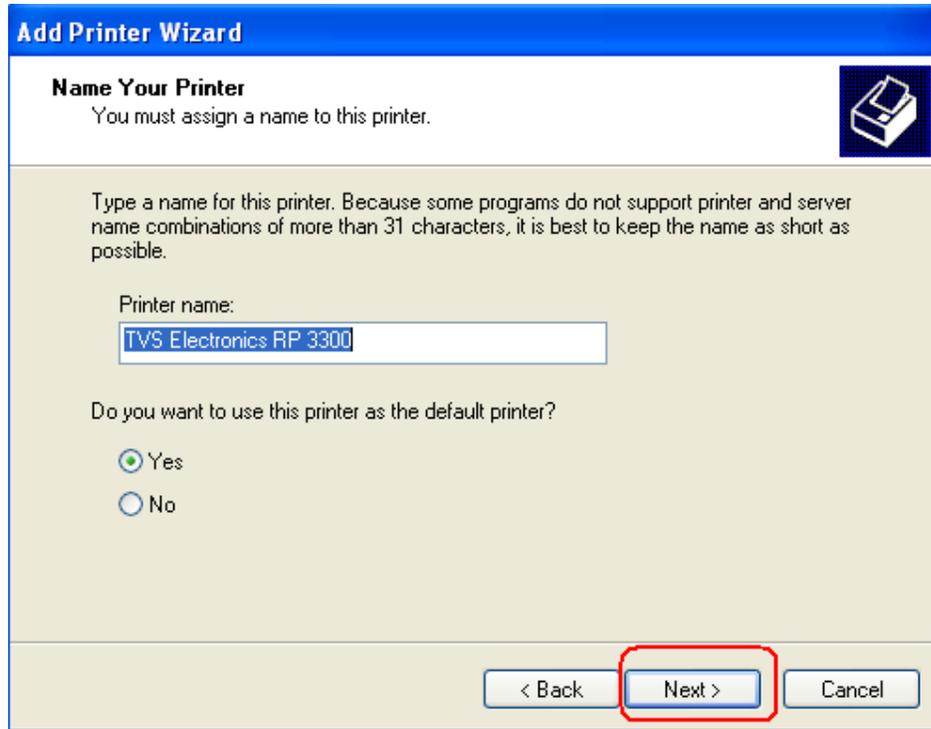
Choose COM1: (Serial Port) option from the following window:



Choose TVSE from the Manufacturer and TVS Electronics RP3300 from Printers  
Press NEXT



Select the option YES (To set the printer as default printer).



**Add Printer Wizard**

**Name Your Printer**  
You must assign a name to this printer.

Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.

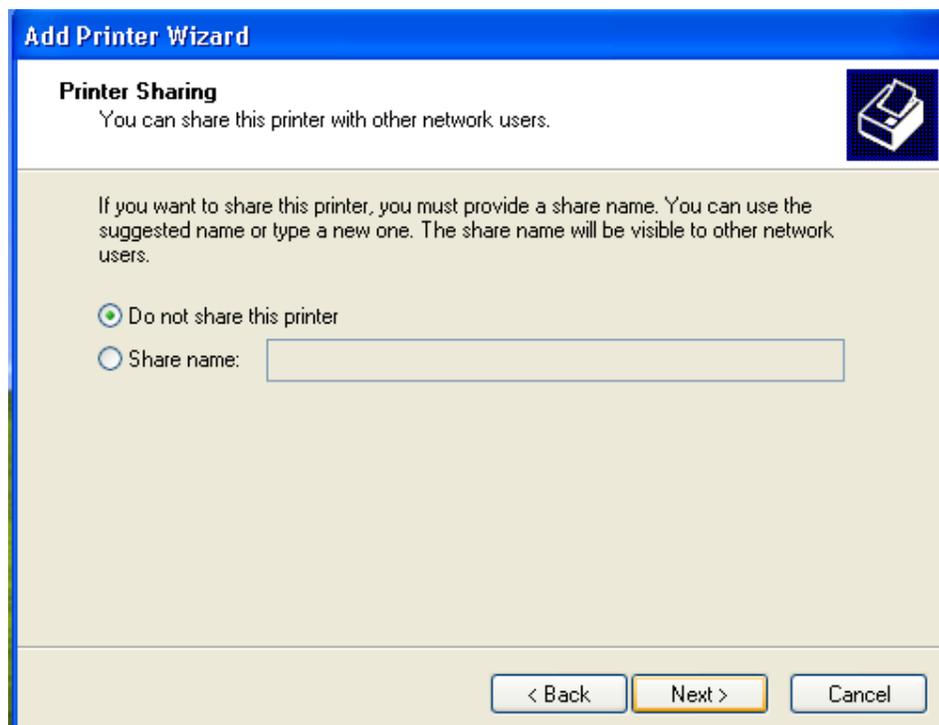
Printer name:

Do you want to use this printer as the default printer?

Yes  
 No

< Back   **Next >**   Cancel

If you no need to share the printer, select Do not share this printer, Press NEXT.



**Add Printer Wizard**

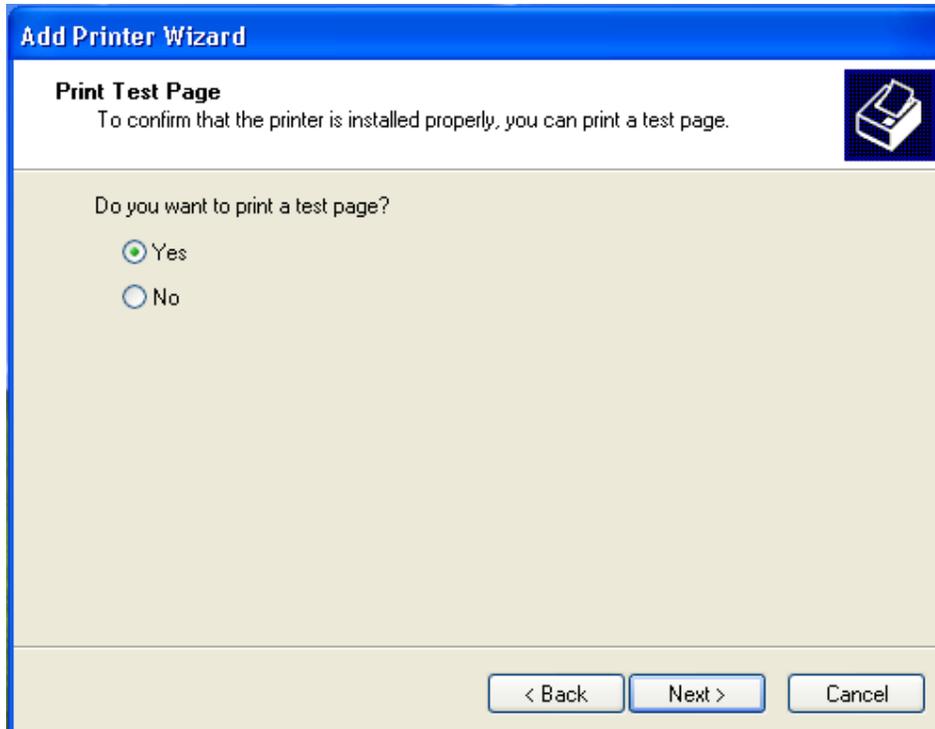
**Printer Sharing**  
You can share this printer with other network users.

If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.

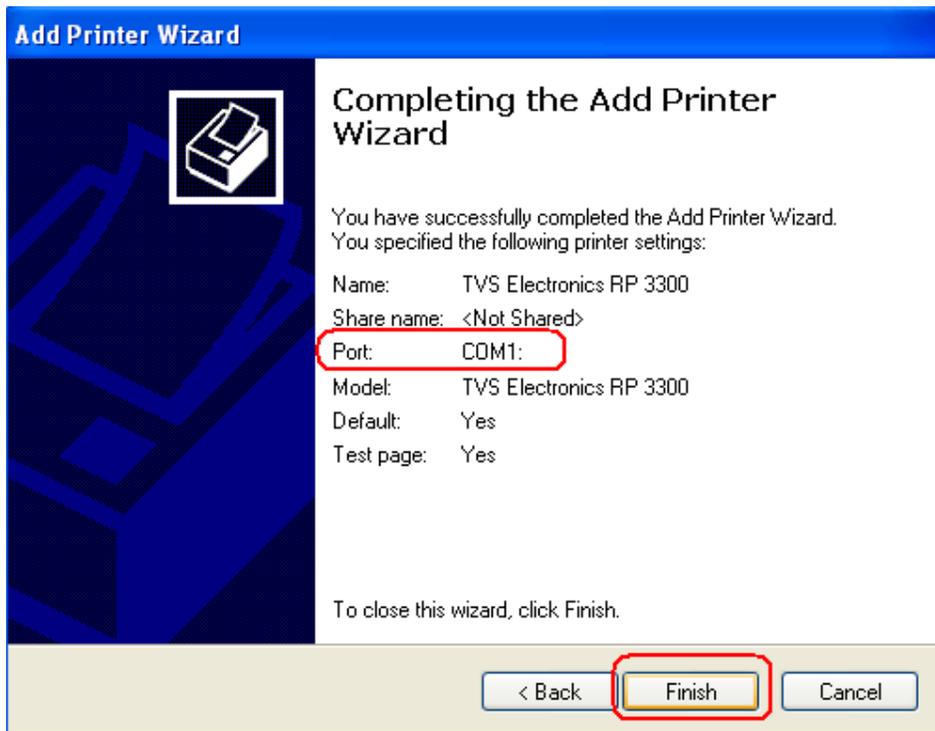
Do not share this printer  
 Share name:

< Back   **Next >**   Cancel

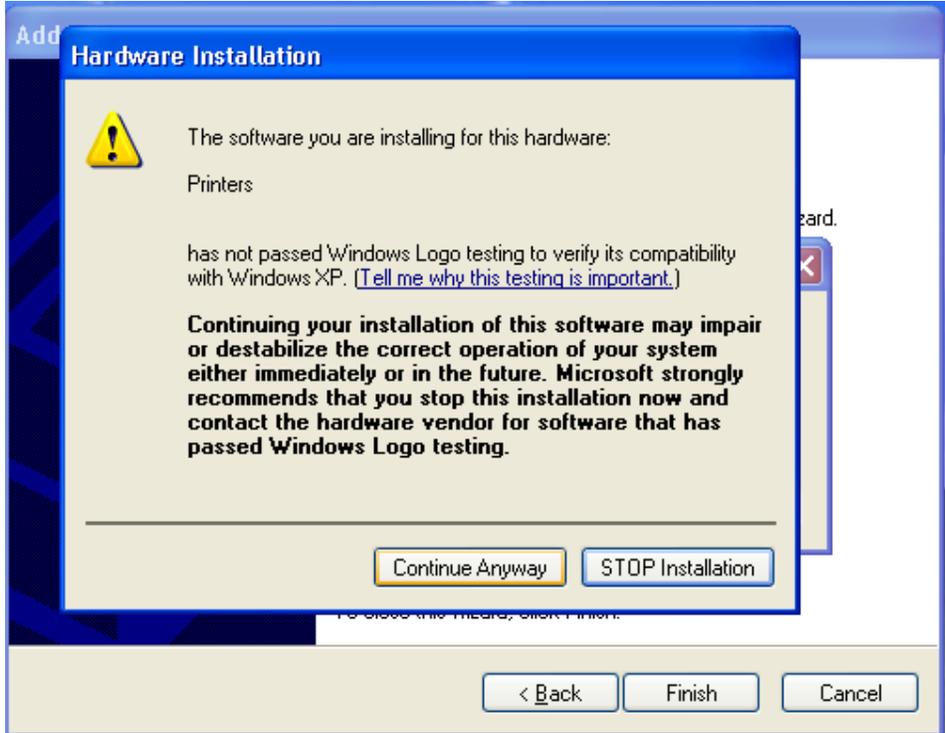
Select YES to print a test page



Press FINISH



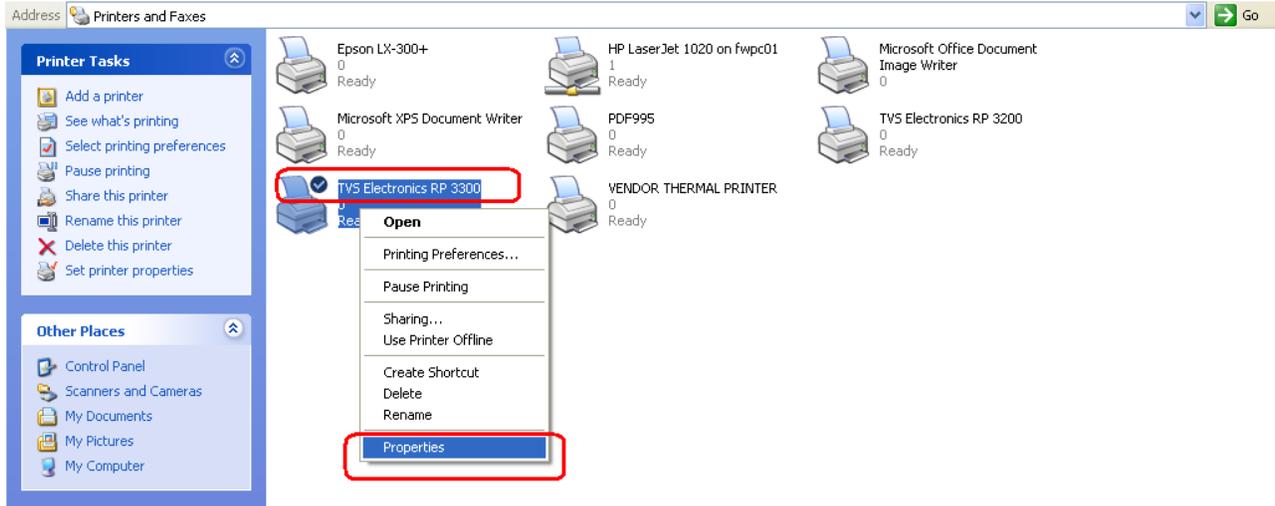
Press CONTINUE ANYWAY



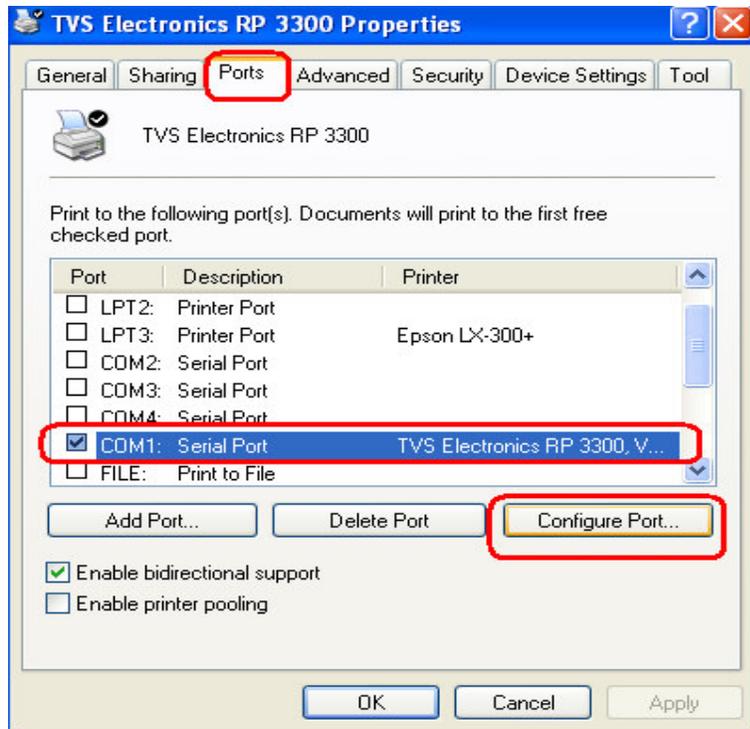
Click Finish to complete the add printer wizard  
Please check if the driver is added in "Printers and Faxes" windows.

**Procedure to modify the port settings for serial port:**

Right Click on Printer model "TVS Electronics RP3300" and select "Properties"



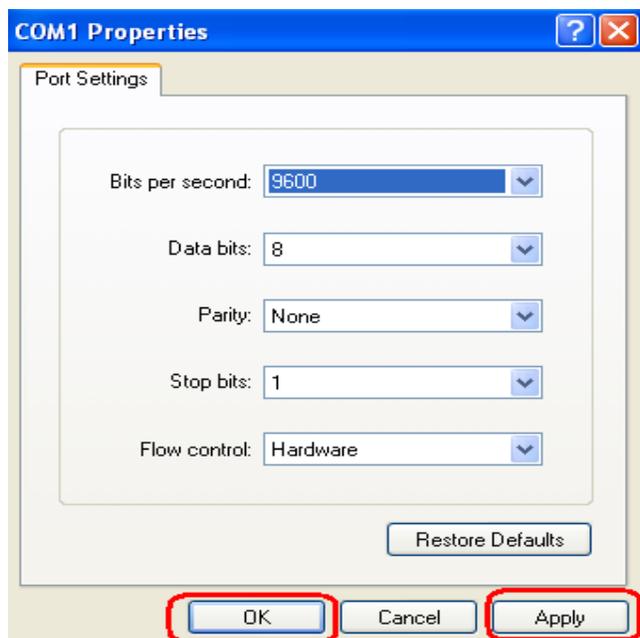
Select Port as "COM1:" and click on "Configure Port..." under Ports tab.



COM1 Properties window shows the serial port settings.

Select the baud rate which you wish, (By default the baud rate is 9600BPS). Then Click Apply and Ok.

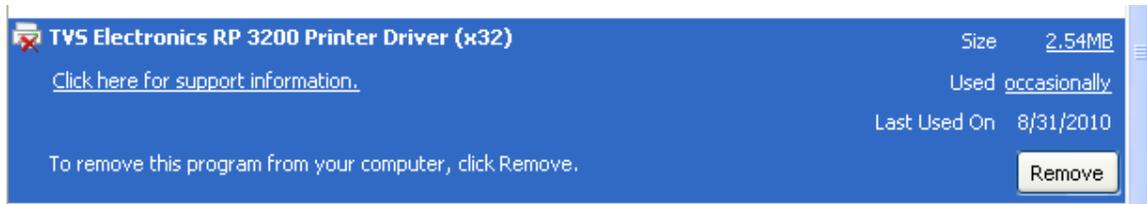
**Note: The same Port Settings should be selected in the Printer also. (Refer User manual to change the port settings)**



### 3-2. Uninstallation of Driver, POS Printer Utility & Status Monitoring Tool.

If the driver is installed by this way, driver appears in "Add or Remove Programs" of "Control Panel".

1. To remove the driver, please press "Remove" button.

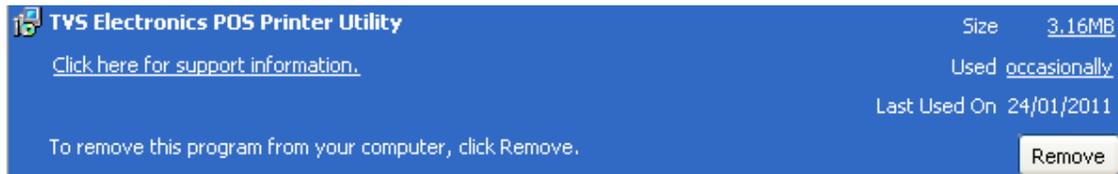


When this message shows up, please press YES to proceed with the driver uninstall.

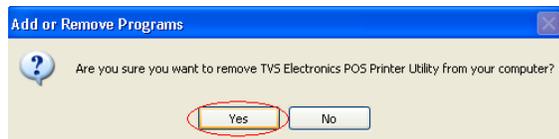


With USB interface, installation failed by some reason and not possible to uninstall, printer may be recognized as Unknown device in Device Manager of Control Panel. In such case, delete the unknown device from Device Manager.

2. To remove the POS Printer Utility, please press "Remove" button.



When this message shows up, please press YES to proceed with the POS Printer Utility uninstall.



3. To remove the Status Monitor & Setting Tool, please press "Remove" button

