

Install Manual & Quick Printing Guide  
of the printer driver(Windows)  
for TRST-1X printer series

Revision # : 1.0 (27.Apr.2007)

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## 1. Operation Environment

This printer driver works with below environment.

OS	Windows 2000(SP4), Windows XP(SP1, SP2)
I/F	Serial, Parallel, USB

## 2. How to install the Printer Driver

### 2.1 Install by plug and play(Available on USB & Parallel I/F)

[In case of USB I/F]

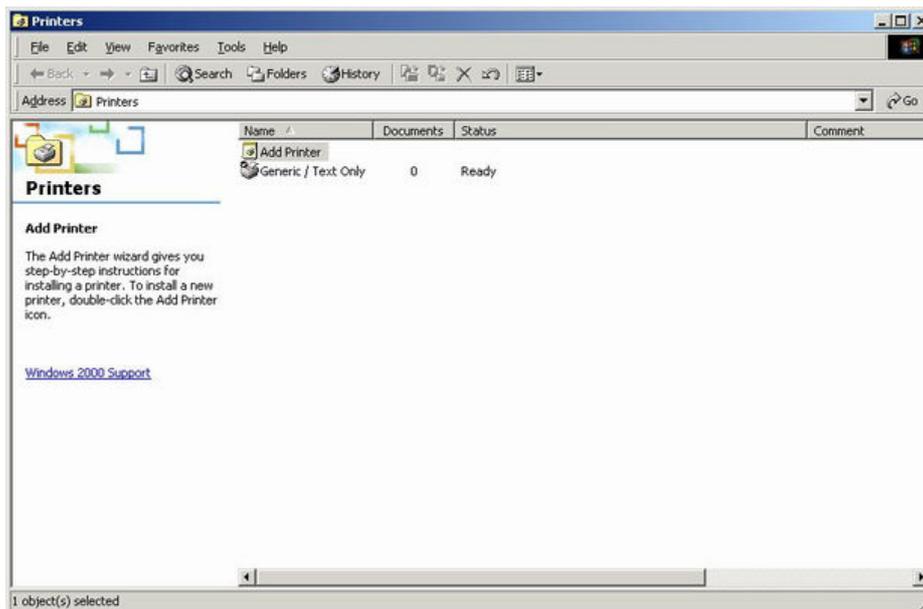
- Connect the printer with switched on and your PC will detect the new printer, after that, go on to ch.2.1.2("Hardware Wizard") and follow the operation to proceed the installation.

[In case of Parallel I/F]

- Turn on your PC with the printer connected and switched on, and then, your PC will detect the new printer, after that, go on to ch.2.1.2("Hardware Wizard") and follow the operation to proceed the installation.
- In order to detect the printer automatically, go on to ch2.1.1("Add Printer") and follow the operation to proceed the installation.

#### 2.1.1 Add Printer

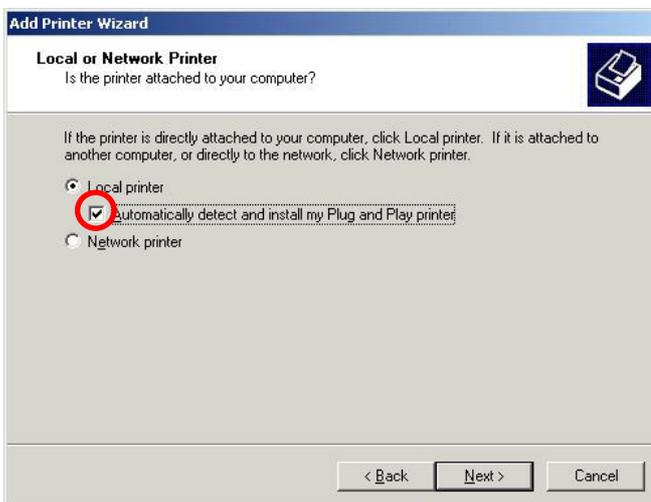
Run "Add Printer" wizard through the "Printers and Faxes" folder.



Click "Next >" on the below screen.



Select "Local printer" and "Automatically detect and install my Plug and Play printer".



Go on to ch.2.1.2("Hardware Wizard") to proceed the installation.

## 2.1.2 Hardware Wizard

Click "Next >" to go on to the next screen.



Select the "Search for a suitable driver for my device (recommended)" and click "Next >".



Select "Specify a location" and click "Next >".



Click "Browse..." and select the folder where the printer driver is saved.



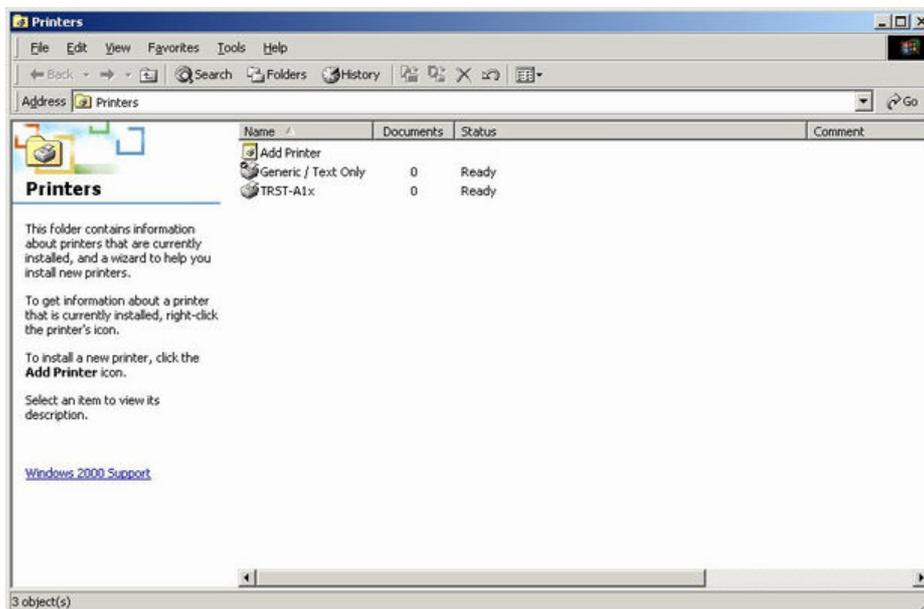
Click "Finish" to start copying the necessary files.



Click "Yes" to ignore below warning message and complete the installation.



After installation finished, you'll see the "TRST-A1x" icon in the "Printers and Faxes" folder.



## 2.2 Manual Install through "Add Printer" wizard(Serial & Parallel)

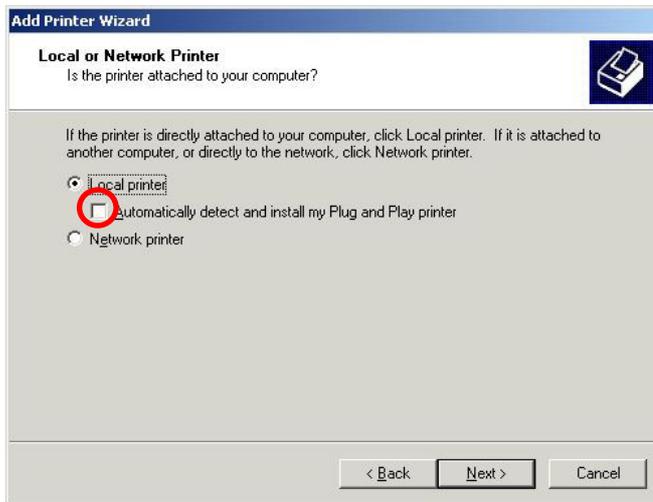
### 2.2.1 Add Printer

Run "Add Printer" wizard through the "Printers and Faxes" folder as same operation as 2.1.1.

Click "Next >" on the below screen.

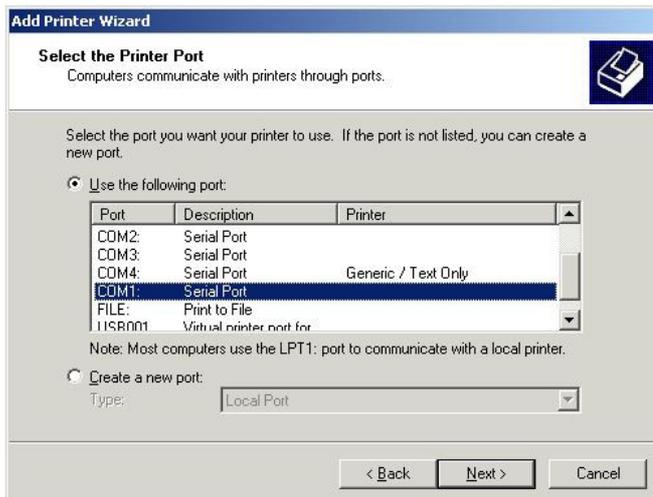


Select "Local printer" and **does not check** "Automatically detect and install my Plug and Play printer".

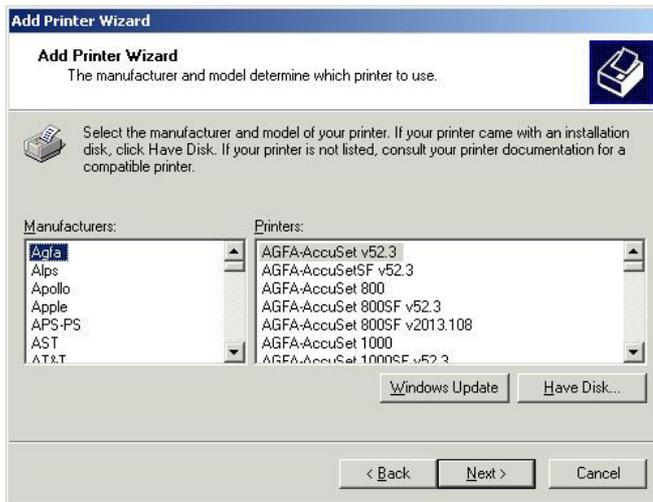


Select the port(I/F) you want to use and click "Next >".

Below is the example for selecting "COM1" of Serial I/F.



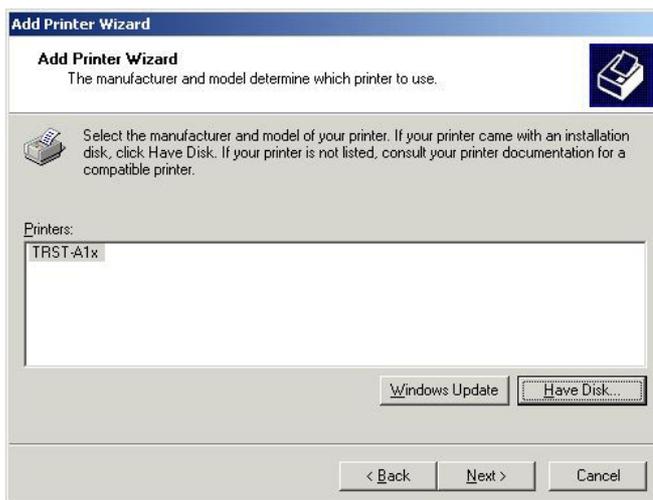
Click "Have Disk..." on below screen.



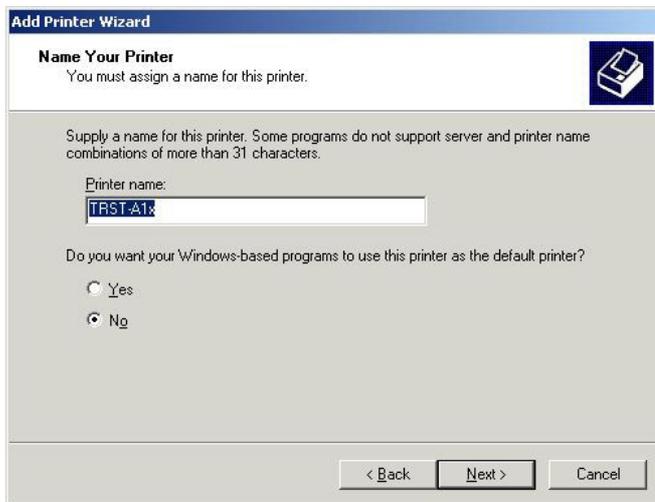
Specify the folder where the printer driver is saved.



Click "Next >" on below screen.

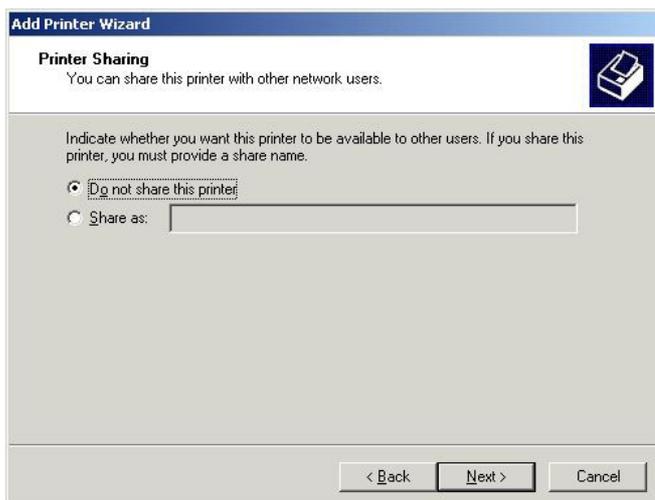


Supply a name for this printer which you want to use. And if you want to use the printer as the default printer, click "Yes". Click "Next >" to continue the installation.



The screenshot shows the 'Add Printer Wizard' dialog box with the title 'Name Your Printer'. The subtitle reads 'You must assign a name for this printer.' Below this, there is a text box labeled 'Printer name:' containing the text 'TRST-1X'. A note above the text box states: 'Supply a name for this printer. Some programs do not support server and printer name combinations of more than 31 characters.' Below the text box, there is a question: 'Do you want your Windows-based programs to use this printer as the default printer?' with two radio button options: 'Yes' (unselected) and 'No' (selected). At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Select "Do not share this printer" and click "Next >".



The screenshot shows the 'Add Printer Wizard' dialog box with the title 'Printer Sharing'. The subtitle reads 'You can share this printer with other network users.' Below this, there is a text box for a share name. A note above the text box states: 'Indicate whether you want this printer to be available to other users. If you share this printer, you must provide a share name.' Below the text box, there are two radio button options: 'Do not share this printer' (selected) and 'Share as:' (unselected). At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

If you want to print a test page, select "Yes". Click "Next >".



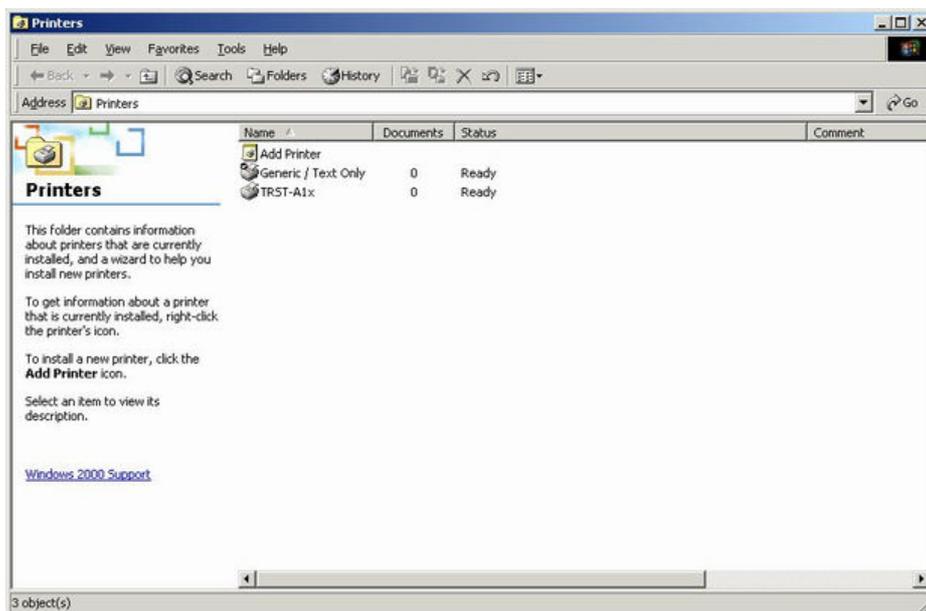
Click "Finish" to start copying the necessary files.



Click "Yes" to ignore below warning message and to complete the installation.



After installation finished, you'll see the "TRST-A1x" icon in the "Printers and Faxes" folder.



### 3. Sample printing on the printer

#### 3.1 Configure the Printer

Print the current printer's configuration and compare them with the default configuration shown below.

The 3 configurations surrounded by red rectangle should be configured as shown below.

Paper Width : 80mm  
Knife : Enabled  
Color Paper : Monochrome

If corresponding configurations of your printer are different from above ones, please reset EEPROM to default values. Please refer to the F/W spec p.88 about the operation to reset the configuration.

```
Default Configuration

*** Diagnostics Form ***

Model number      : TRST-A15
Serial number     : 0000000000

Boot Firmware
Version          : V00.03
Revision        : 00
CRC             : B057
Flash Firmware
Version          : V01.09
Revision        : 01
CRC             : 6BA6
SBCS
Version          : V00.01
Revision        : 05

Hardware
Flash Memory Size : 2Mbytes
Flash Logos Size  : 320Kbytes
Flash Fonts Size  : 64Kbytes
Flash User Storage : 0Kbytes

Communication Interface
Interface Type    : RS232/USB
Parameters
Baud Rate        : 115200
Data Bits        : 8
Stop Bits        : 1
Parity           : None
Flow Control     : DTR/DSR
Reception Errors : Print '?'
Receive Buffer    : 4K Bytes
USB Type         : Printer class

Diagnostic Mode   : OFF,Normal Mode

Emulation/Software
Default LPI      : 7.52
Carriage Return  : Ignore
Receipt Sync.    : Disabled
PDF417 Max Columns : 9 Columns

Hardware
Print Density    : 110%
Max Power        : 55W
Paper Low Sensor : Enabled
Paper Width     : 80mm
Knife           : Enabled
Color Paper     : Monochrome

Code Pages
Default Code Page : 437
Resident Code Pages : 437,850,852,857
                   : 858,860,863,865
                   : 866,1252

Double Side Mode
Thermal Print Mode : Single Side
Upside Down
Front Side         : Normal
Back Side         : Normal
Swap Side         : Disabled
Top/Bottom Msg
  Btm of Front     : Disabled
  Top of Back      : Disabled
Reprint Msg       : Disabled
Min Rpt Length    : Disabled
Reprint Error Page : 0K

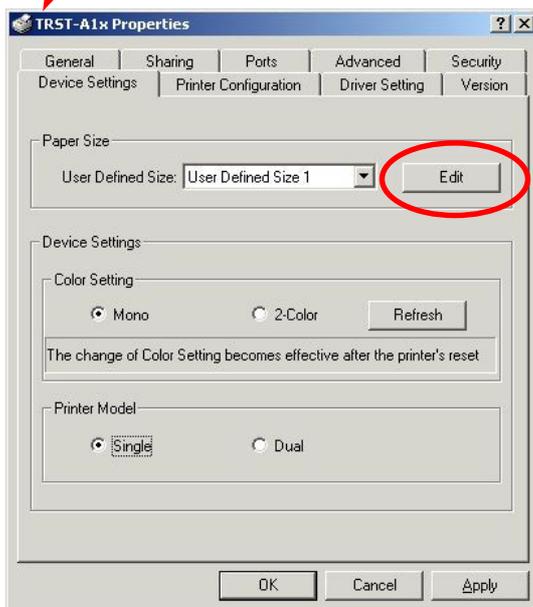
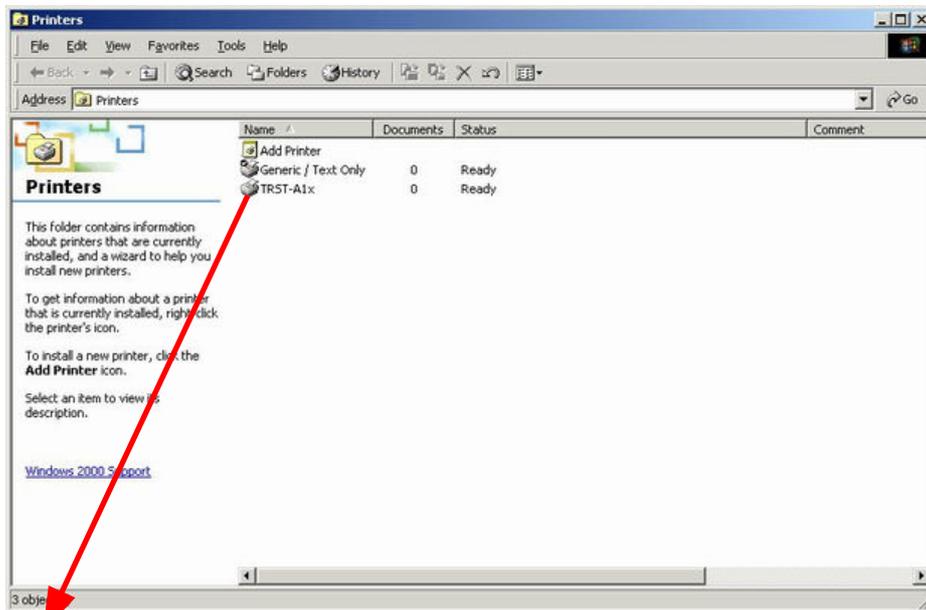
Top/Btm Msg Defined: No
Reprint Msg Defined: No
PrdFtn Back Defined: Yes
Logo(s) defined   : Yes
User Char(s) defined : No

Permanent Tallies
Receipt Lines Front : 5516
Receipt Lines Back  : 5516
Knife Cuts         : 77
Hours On           : 6
Flash Cycles       : 0
Knife Jams         : 0
Cover Openings     : 0
Max Temp Reached   : 0

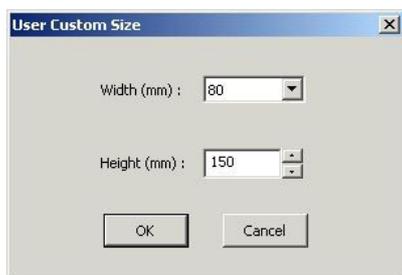
To enter Diagnostics Mode:
1)Flip DIP switch #1 on.
2)Reset the printer by pressing
and holding Receipt Feed switch
down while disconnecting and
reconnecting the power.
```

### 3.2 Device Settings

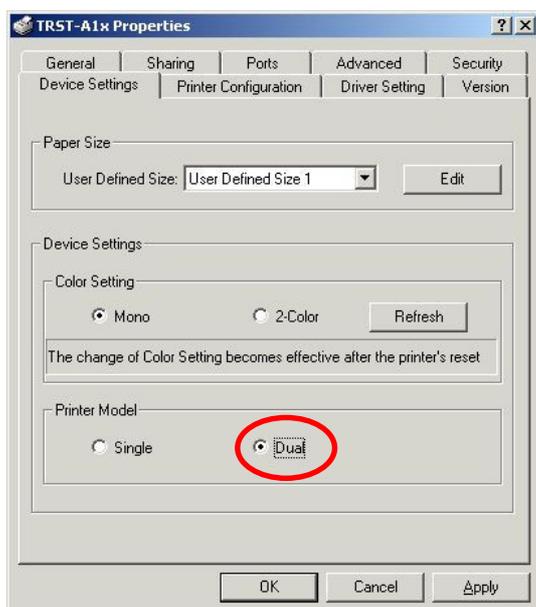
Click right button and select "Properties..." on the "TRST-A1X" icon to open the printer's property.



Click "Edit" to open below screen and change the paper size.



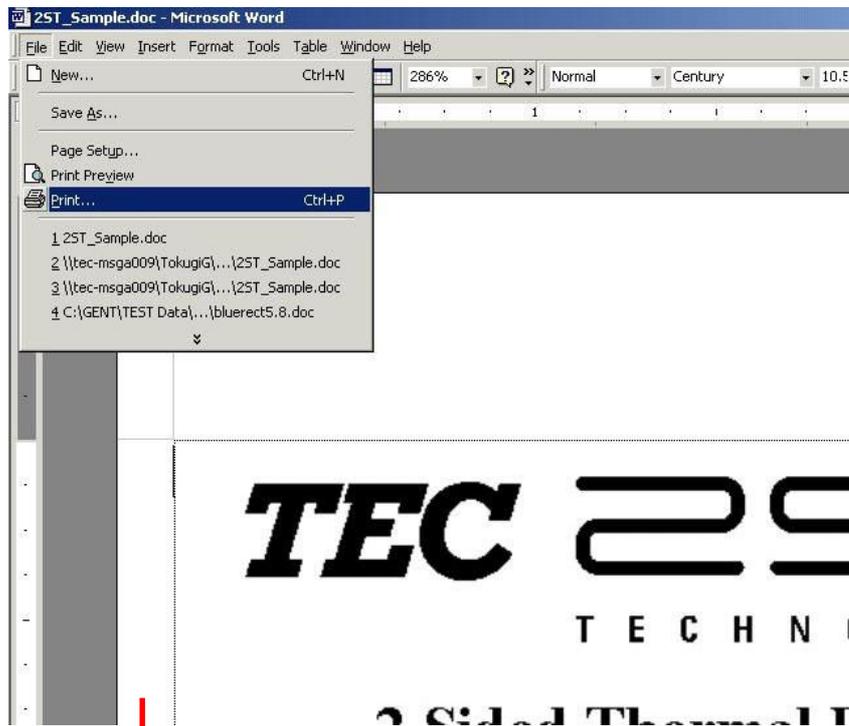
Select "Dual" on the "Printer Model" setting.



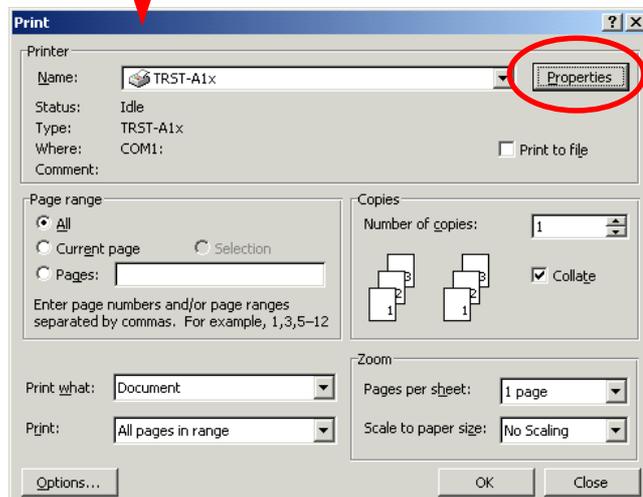
Configuration	Function
Color Setting	Select the color with which the printer prints the document. (If the printer is online, push "Refresh" to show the current configuration on the printer automatically)
Printer Model	Select the printer's model manually(not automatically updated)

### 3.3 Document Settings

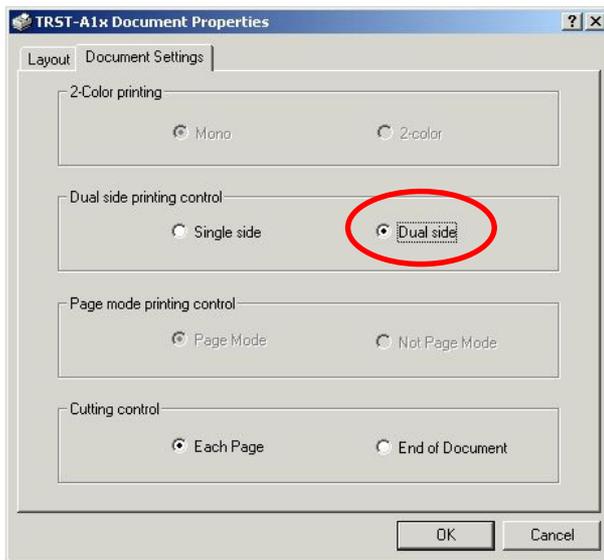
Open the "2ST\_Sample.doc" and print it.



Click "Properties".

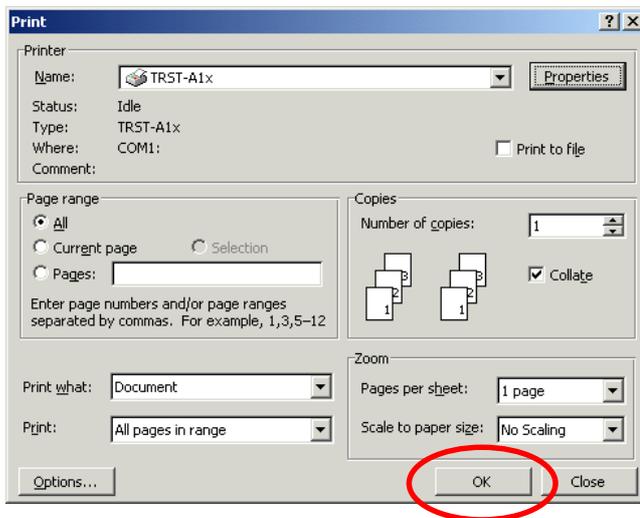


Select "Dual side" on the "Dual side printing control" below and click "OK" to quit this screen.



Configuration	Function
Dual Side	Specify the printing side
Cutting control	Select the cutting operation

Click "OK" to start printing.



You'll get below printing with "2ST\_Sample.doc".

**Front Side**

**TEC 2ST™**  
TECHNOLOGY

**2 Sided Thermal Printer**

**Features**

- √ Save Time, Money, and Trees at the Front End
- √ Promote Your Brand to Your Customers
- √ Deliver Improved Customer Satisfaction and Return on Investment
- √ Seamless Transition from Your Current Printer
- √ Enhanced Receipt Security
- √ Speed and Flexibility
- √ Intelligent and Intuitive Design
- √ Keeping Your Lanes Up and Running

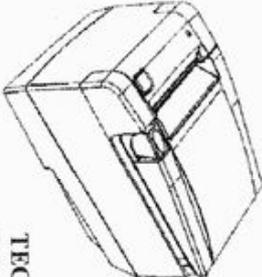
**Thermal Engine Technical Specification**

Printing Method	Direct Thermal
Printing Width	2 inch to 8 inch
Printing Resolution	203 ~ 300 dots per inch
Printing Speed	Up to 10 inch per seconds
Interface	USB 2.0, RS232 & RS485
Power Supply	24V Input
Power Consumption	55W, 75W, 150W Selectable

**2ST Application**

POS Printer	Receipt Printer
Kiosk Printer	ATM Printer
Script Printer	

**Back Side**



Visit our booth at R22.

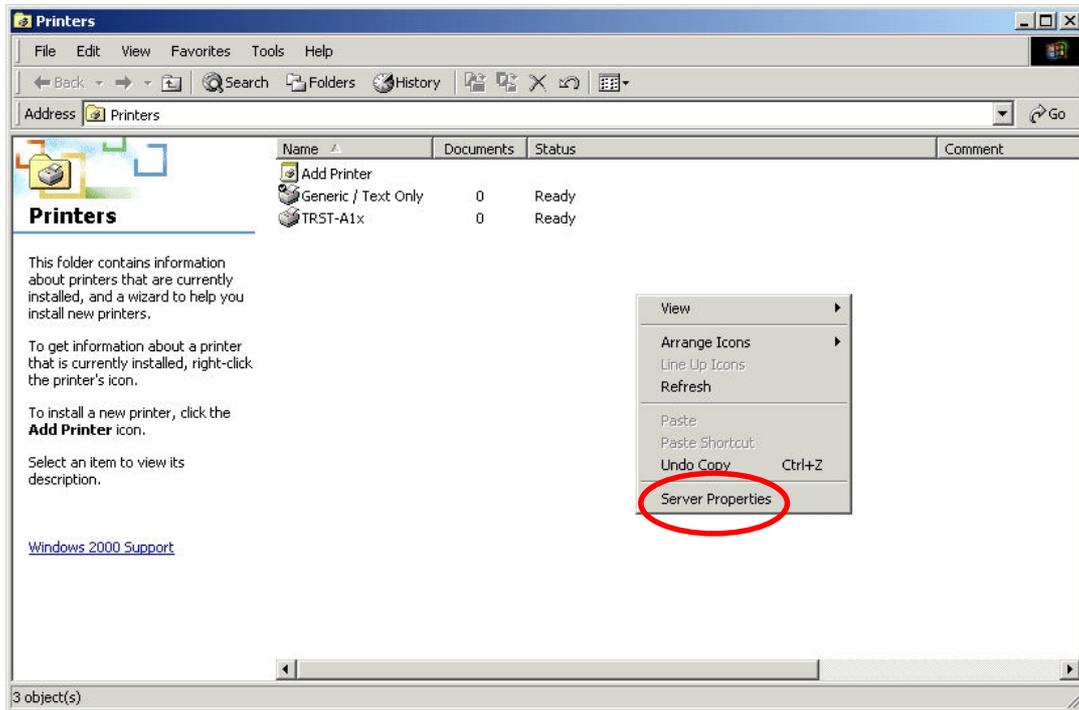
**TEC**

**Voucher for FREE Gift  
to Visitors**

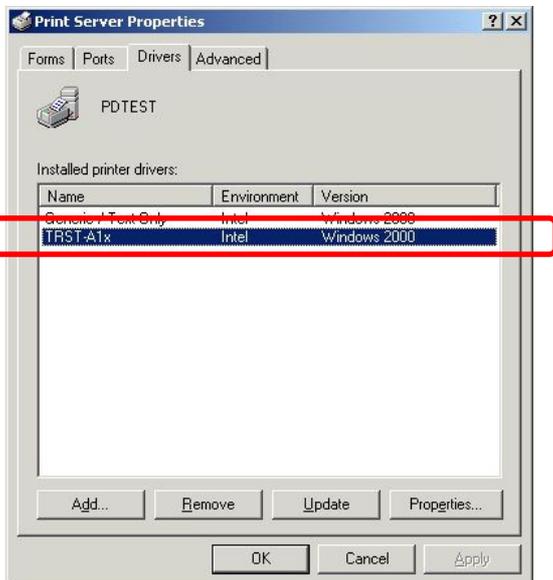
TEC Singapore Electronics Pte Ltd  
2 Ang Mo Kio Street 62, Singapore 569138  
TEL +65-64819488

#### 4. How to uninstall the Printer Driver

Click right button on the "TRST-A1x" icon and select "Server Properties" on below window.



Select "TRST-A1x" on below screen and click "Remove".



Click "Yes" on below dialog to remove the printer driver.



The printer driver for "TRST-A1x" is successfully removed.

