TOSHIBA

Print Kit

OPERATOR'S MANUAL/
FOR PRINTER FUNCTION
Local Setup

Dp120F/125F

Thank you for purchasing Toshiba Tec's GA-1020 PCL Printer Unit. This operator's manual explains how to set up the printer, correctly use its functions, and troubleshoot when something goes wrong. Read this manual before using your printer unit. Keep this operator's manual within easy reach so that you may use it to achieve quality printing results every time and make the most of your printer's functions.

*This operator's manual applies to the printing functions of the GA-1020.

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INTRODUCTION

SYSTEM REQUIREMENTS

This machine can be connected to the following computers.

PC/AT machine, or its equivalent

This machine can be used in local mode via a parallel printer cable, on a client-server network via Windows NT or NetWare, or on a peer-to-peer network via TCP/IP or IPX/SPX.

- Hardware
  Display Resolution   : 640 x 480 dots or more
- OS
  Microsoft Windows 95 Operating System, English Version
  Microsoft Windows 98 Operating System, English Version
  Microsoft Windows NT Workstation Operating System 4.0, English Version
  Microsoft Windows NT Server Network Operating System 4.0, English Version

EXAMPLES OF CONNECTING THE PRINTER

The configuration of this machine is shown below.

Example of connection in local mode (parallel connection)

Print job transmission

Computer

DP120F/DP125F
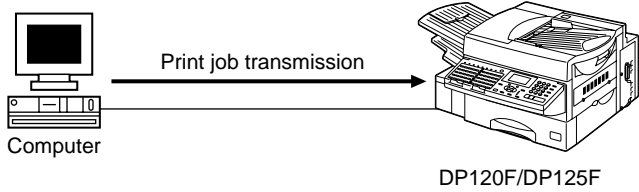
Example of connection in a client-server type network

DP120F/DP125F

NetWare Server
WindowsNT Server

Print job spool

Print job transfer

Windows 95 client

Windows 98 client

Windows NT4.0 client
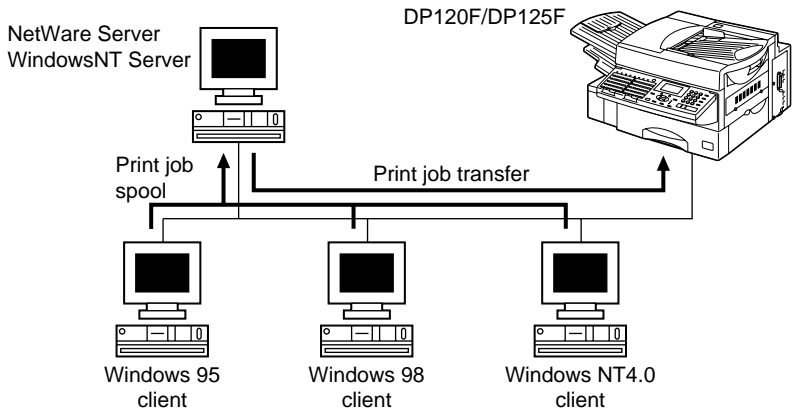
* This configuration requires an optional network interface card.

Example of connection in a peer-to-peer type network

DP120F/DP125F

Print job transmission

Windows 95 client

Windows 98 client

Windows NT4.0 client
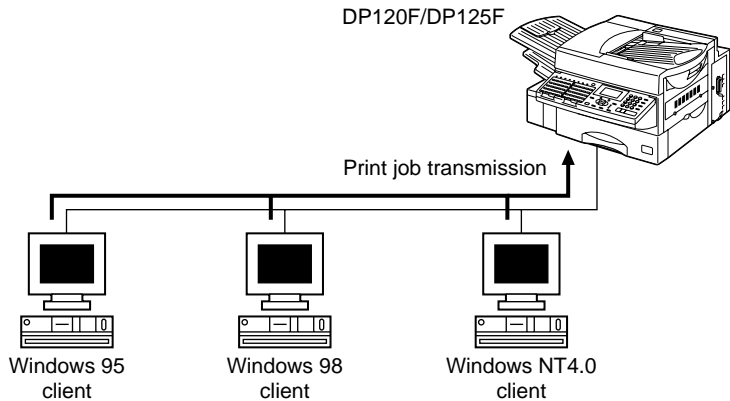
* This configuration requires an optional network interface card.

SETUP FLOW

Local Connection (Connecting with Parallel Printer Port)

Using the printer when connected by parallel cable to a computer running Windows 95/98/NT.

Install the Printer Driver	Install the appropriate Printer Driver for the Operating System used. (See "INSTALLING THE PRINTER DRIVER.")
Bypass Tray Setting	Configure the Bypass tray setting. (See "OPERATING ON THE OPERATION PANEL.")
Setup the [Option] Tab	Configure Options. (See "SETTINGS FOR PRINTING-[Option] Tab.")

Network Connection (Connecting with Network Interface Card)

Using the printer on a client-server network with Windows NT server, or on a peer-to-peer TCP/IP and IPX/SPX network requires an optional network interface card.

* Refer to OPERATOR'S MANUAL/FOR PRINTER FUNCTION - Network Setup for further details.

INSTALLING THE PRINTER DRIVER

INSTALLED COMPONENTS

The printer software installation includes the printer drivers and the TOSHIBA Status Display.

Features of Each Printer Driver

Several printer drivers are available for this machine. Please select the appropriate driver when printing to achieve optimal output.

PCL-5e   :   The PCL-5e driver is recommended when printing mostly text and when print speed is important.

PCL-XL   :   The PCL-XL driver is recommended for printing graphics.

SUPPLEMENT:

Several printer drivers may be installed on one computer.

Features of the TOSHIBA Status Display

The TOSHIBA Status Display can monitor the printer status, whenever certain events occur on the printer, such as paper jam, paper out, and so on. The system can report them to users. Users can also set the printer configuration information through the system.

NOTES:

● The Printer Drivers and TOSHIBA Status Display is provided for each OS. Be certain to use the right tools for your OS.

● This CD-ROM contains a "README" file which describes precautions to keep in mind about the printer drivers and various applications. Please read it before installing the Printer Drivers and TOSHIBA Status Display.

INSTALLING THE PRINTER DRIVER TO Windows

This section describes the installation of the printer drivers and the Status Display to Windows 95/98 or NT4.0 when your DP120F/DP125F is connected in local mode. If your DP120F/DP125F is connected to a peer-to-peer type network or client server network, see the OPERATOR'S MANUAL/FOR PRINTER FUNCTION - Network Setup.

SUPPLEMENTS:
● This manual describes settings for Windows 95. The setting details are similar for Windows 98 and NT.
● To install the printer driver to Windows NT4.0, "Full Control" access rights will be necessary. A log on must be performed as a member of Administrators or Power Users group. For further details on access rights, see the Windows NT manual.

NOTE:
● Before installing the printer drivers and TOSHIBA Status Display, please be sure to exit from all of the programs in Windows.
● When your DP120F/DP125F is connected in local mode, the Windows Plug-and-Play function automatically starts the installation of the device driver in some environments. You can install the printer drivers by following this function as well as the Windows Add Printer prompts. However, it is highly recommended that you select cancel at any prompts and instead install from the CD-ROM. This will ensure that all printer drivers and TOSHIBA Status Display components are installed at the same time.

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1 **Insert the CD-ROM into the CD-ROM drive.**

● The menu screen appears.

● If the menu screen is not automatically displayed, or when the printer drivers and the TOSHIBA Status Display is installed via the network, double-click on "DP120_125F_Printer_Setup.exe" in the Menu folder of the CD-ROM, that may be found in the Windows Explorer.
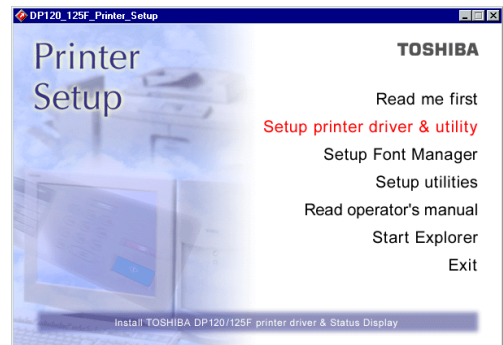
2 **Click on [Setup printer driver & utility].**

3

Click on the Setup for Windows button of your Windows Version.

● Click on [Setup for Windows 95&98] for Windows 95/98.

● Click on [Setup for WindowsNT4.0] for Windows NT4.0 Workstation or Windows NT Server 4.0.

● The Welcome screen appears.
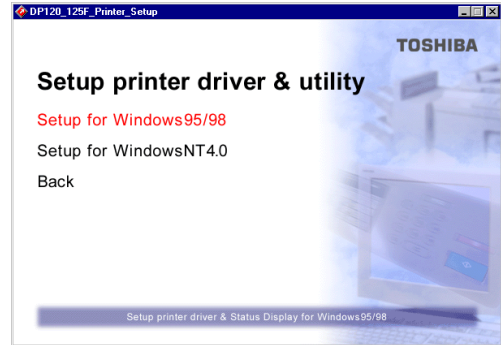
4

Click on [Next].

● The Software License Agreement screen appears. Please be sure to read through the agreement.
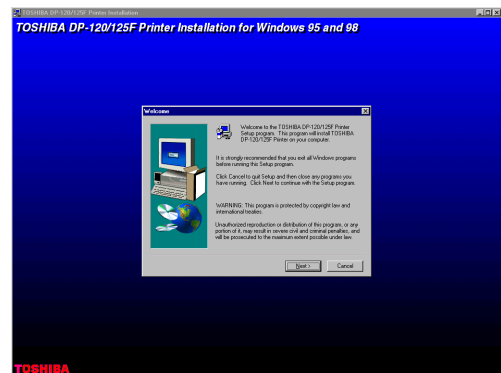
5

Click on [Yes].

● The User Information screen appears.
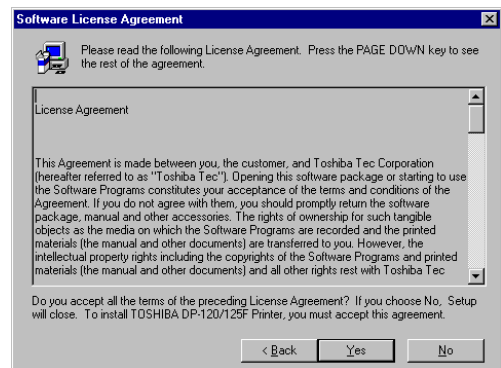
6

Select the [Group Number], and click on [Next].

● Group Number:

Set the group number with a value from 1 to 20. For information on the group number to be set, ask your administrator.

● The Setup Type screen appears.
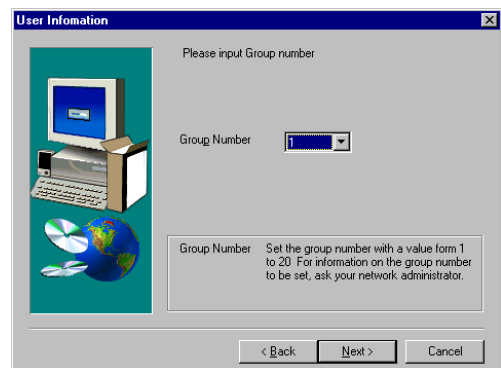
7 **Select the "Emulation" and "Default Paper."**

● Emulation:

This designates the type of driver.

Check the emulation to be used. You can install mutiple drivers in one installation.

● Default Paper:

Select the default paper to be used.
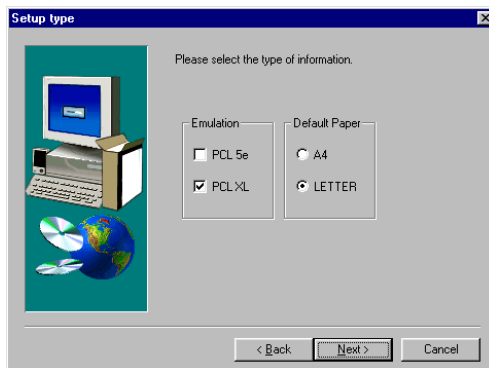
8 **Click on [Next].**

● The Select Local printer or Network printer screen appears.

9 **Select "Local Printer" and click on [Next].**

● If your DP120F/DP125F is connected to a peer - to-peer type network or client server network, see OPERATOR'S MANUAL/FOR PRINTER FUNCTION - Network Setup.

● The Select the Local Port screen appears.
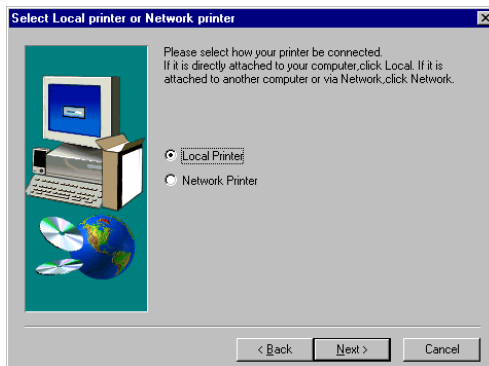
10 **Select the Local Port "LPT1:", and click on [Next].**

● The Printer Name screen appears.
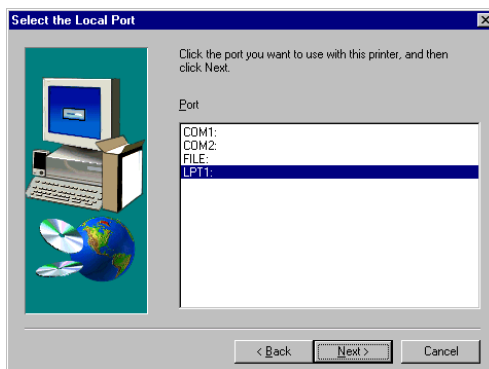
11 Enter the printer name, and click on [Next].

● The default printer name is automatically entered. If you do not need to change the name, click on [Next].
● The Select Components screen appears.
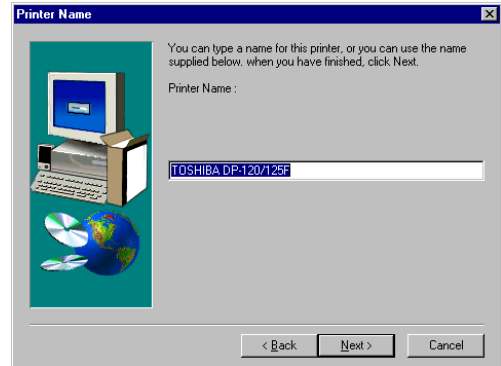
12 Check the components you want to install.

● Readme:
  Install the README.TXT for the TOSHIBA Status Display.
● DP-120/125F Status Display:
  Install the TOSHIBA Status Display.
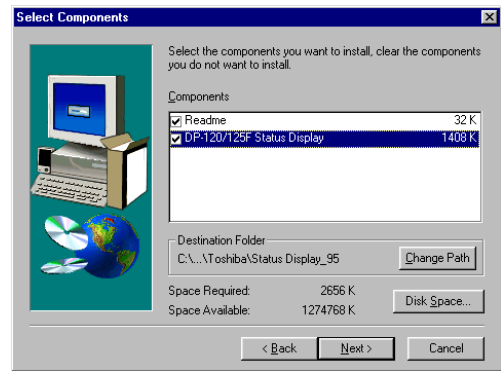
13 Select the drive and path for the components to be installed.

● [Change Path] button:
  The Select Folder screen appears from which a folder can be selected or created to install the application into.
● [Disk Space...] button:
  The Available Disk Space screen appears from which a disk drive with sufficient space to install the application can be selected.

14 Click on [Next].

● If you checked on "DP-120/125F Staus Display" to be installed, the Status Display Option screen appears.

15 **Decide whether the Status Display is automatically started.**

● If you want the Status Display to be started automatically when the computer is started, click on [Yes].

● If you want the Status Display to be started manually, click on [No].

● The Select Program Folder screen appears.

Status Display Option

? Do you want to start TOSHIBA Status Display automatically? If you use TOSHIBA Viewer, please select No.

Yes   No

NOTE:

If you use the TOSHIBA Viewer, please select [No]. The Status Display and the TOSHIBA Viewer cannot be used at the same time.

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16 **Select the Program Folder to be created, and click on [Next].**

● The Start Copying Files screen appears.

Select Program Folder

Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing Folders list. Click Next to continue.

Program Folders:

TOSHIBA DP120&125F

Existing Folders:

Accessories
Online Services
StartUp

< Back   Next >   Cancel

---

17 **Click on [Next].**

● Start the file copy. After completing the file copy, the Setup Complete screen appears.

Start Copying Files

Setup has enough information to start copying the program files. If you want to review or change any settings, click Back. If you are satisfied with the settings, click Next to begin copying files.

Current Settings:

Install following items.

Group Number: 1

Paper Default: Letter

Add PCL XL printer driver

Install DP-120/125F Status Display

Install readme document

< Back   Next >   Cancel

18 **Select "Yes, I want to restart my computer now." and click on [Finish].**

● You must restart Windows before using the printer drivers and software.

19 **Complete the installation and restart your computer.**

Setup Complete

Setup is complete. The selected TOSHIBA DP-120/125F Printer Software components have been installed successfully.

● Yes, I want to restart my computer now.

○ No, I will restart my computer later.

Click Finish to exit the setup program.

< Back   Finish

UNINSTALLING THE PRINTER DRIVER

SUPPLEMENTS:

● If only printer drivers were installed by means of "Add Printers" or "Plug-and-Play", then just delete the printer icons from the Printer folder.

● If you only delete the printer icon from the Printers folder, the TOSHIBA Status Display will no longer be available.

Please make sure that all Toshiba printer utilities have been shut-down before uninstalling.

1 **Run the Uninstall.exe.**

● The shortcut to the Uninstall.exe can be found in the "TOSHIBA DP120&125F" program group folder, within the "Programs" folder.

● The Confirm File Deletion screen appears.
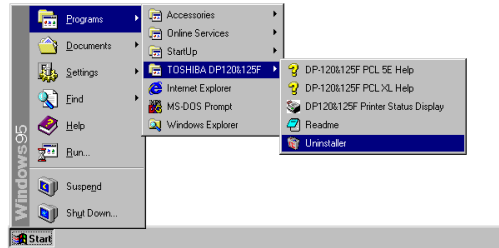
2 **Click on [Yes].**

● Start removing programs.
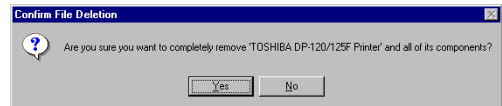
3 **After removing programs are completed, click on [OK].**

● The INFORMATION screen appears.

● If the TOSHIBA Status Display has not been installed to your computer, the INFORMATION screen does not appear and complete the uninstallation.
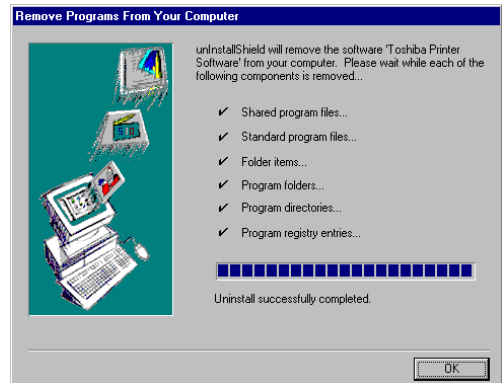
4 **Click on [OK].**

● Your computer is restarted.
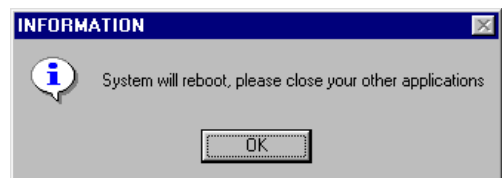
INSTALLING THE AGFA FONT MANAGER

Install AGFA Font Manager

The AGFA Font Manager application is used to install, uninstall, preview and categorize fonts on a computer.

1 **Insert the CD-ROM into the CD-ROM drive.**

● The menu screen appears.
● If the menu screen is not automatically displayed, or when the AGFA Font Manager is installed via the network, double-click on "DP120_125F_Printer_Setup.exe" in the Menu folder of the CD-ROM, that may be found in the Windows Explorer.
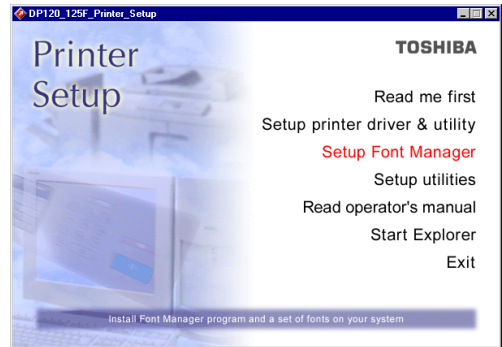
2 **Click on the [Setup Font Manager].**

3 **Click on the [Setup].**

● The Choose Setup Language screen appears.

4 **Select the Setup Language and click on [OK].**

●The Welcome screen appears.
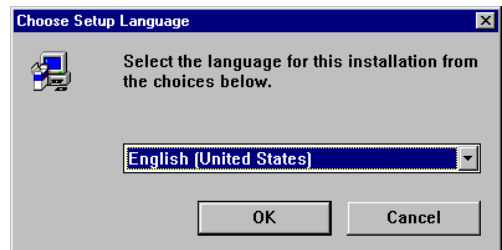
5 Click on [Next].

● The Select Components screen appears.
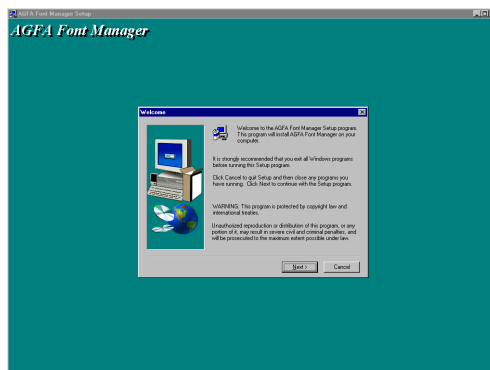
6 Check the components you want to install.

● Programs Files:

Install the AGFA Font Manager program.

● Fonts:

Install the default fonts to the AGFA Font Manager.

7 Select the drive and path for the components to be installed.

● [Browse...] button:

The Select Folder screen appears from which a folder can be selected or created to install the application into.

● [Disk Space...] button:

The Available Disk Space screen appears from which a disk drive with sufficient space to install the application can be selected.

8 Click on [Next].

● Installation of the AGFA Font Manager and fonts begins.
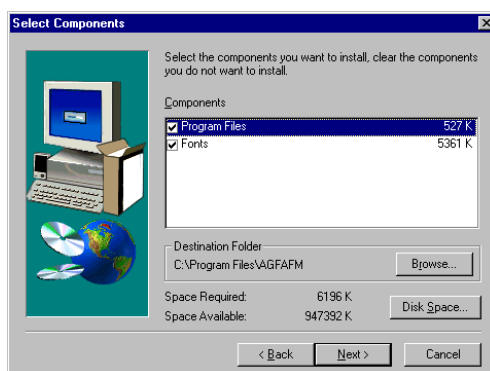
IMPORTANT:

While installation is under way, never take out the CD-ROM. Otherwise, the "AGFA Font Manager" may not be installed correctly.

9 Click on [OK].

```
┌─────────────────────────────────────────────────────────────┐
│ Status                                                    [X] │
├───────────────────────────────────────────────────────────── │
│                                                               │
│                                                               │
│           Fonts selected:    96                               │
│           Fonts installed:   96                               │
│           Fonts remaining:   0                                │
│                                                               │
│                                                               │
│    96 fonts have been installed!                              │
│    Select 'OK' to exit.                                       │
│                                                               │
│              ┌──────────┐         ┌──────────┐                │
│              │  Cancel  │         │   OK     │                │
│              └──────────┘         └──────────┘                │
└───────────────────────────────────────────────────────────────┘
```
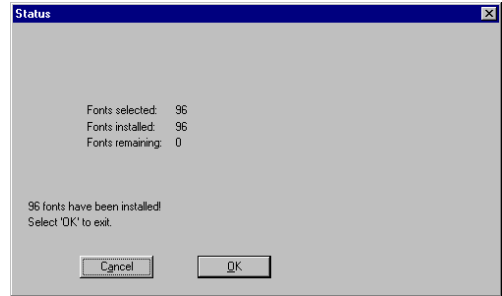
10 Click [Finish].

● Installation is complete.

```
┌─────────────────────────────────────────────────────────────┐
│ Setup Complete                                                │
├───────────────────────────────────────────────────────────── │
│                      It is recommended you review the         │
│                      information in the Readme file.          │
│                                                               │
│                                                               │
│                                                               │
│                      ☑ Yes, review the Readme file now!       │
│                                                               │
│                                                               │
│                                                               │
│                      Click Finish to complete Setup.          │
│                                                               │
│                          ┌────────┐   ┌──────────┐            │
│                          │ < Back │   │  Finish  │            │
│                          └────────┘   └──────────┘            │
└───────────────────────────────────────────────────────────────┘
```
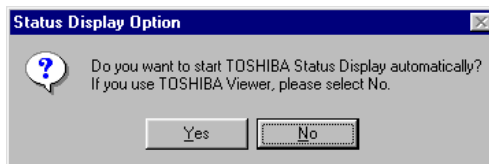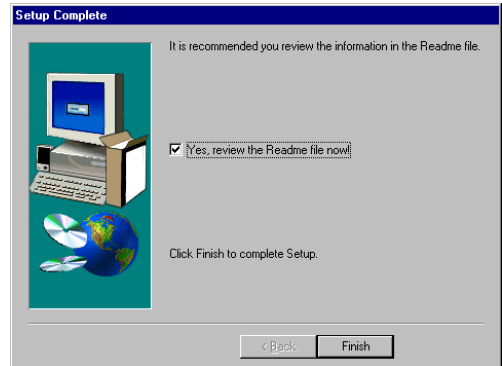
Uninstall AGFA Font Manager

Please make sure that all programs have been shut-down before uninstalling.

1 **Run the Uninstall.exe.**
● The shortcut to the Uninstall.exe can be found in the "AGFA Font Manager" program group folder, within the "Programs" folder.
● The Confirm File Deletion screen appears.
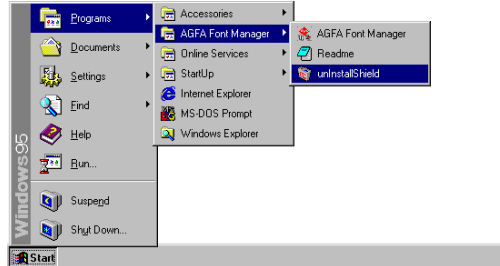
2 **Click on [Yes].**
● Start removing programs.
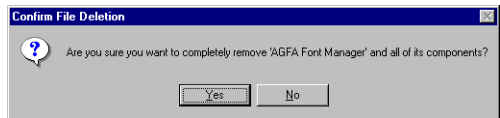
3 **Click on [OK].**
● You must restart Windows to complete the uninstall process.
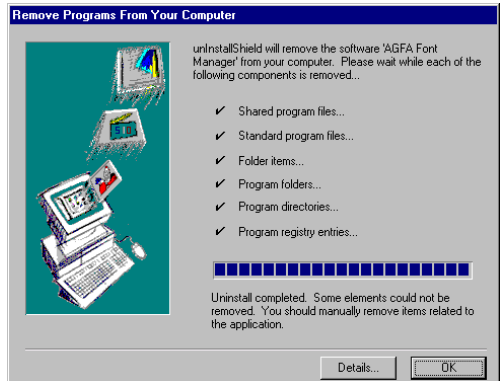
4 **Click on [OK] and restart your computer.**
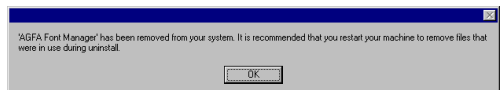
AGFA Font Manager can manage your fonts in Windows.

It can:

● Install and uninstall fonts in Windows.

● Load new fonts from distribution diskettes.

● Search your local and network drives for fonts.

● Preview the fonts on your computer or network.

● Create font groups for personal or workgroup projects.

● Sort your fonts in a variety of ways, etc.

Description of Screen
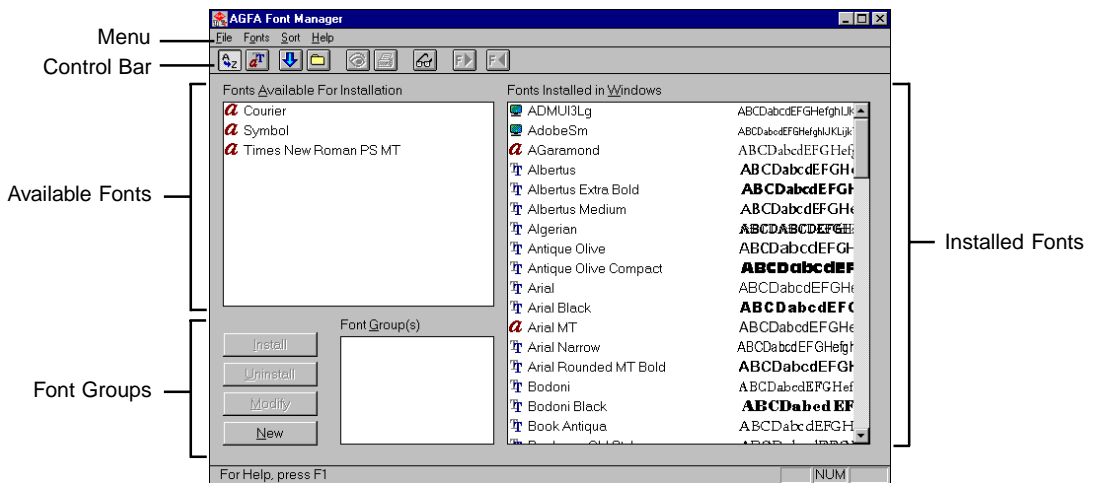
● Menu   AGFA Font Manager conveniently allows you to access basic operations through menu items. Please see the Help to learn more about them.

● Control Bar   AGFA Font Manager has a control bar to allow quick access to basic functions. Please see the Help to learn more about them.

● Available Fonts   Display the list of available fonts. It is from this list that you can select fonts to install in Windows.

● Installed Fonts   Display the family name of fonts which are installed and active under Windows.

● Font Groups   Create, delete, and modify the font groups. Font grouping allows you to create custom collections of fonts and give them meaningful names. Font collections can represent different working scenarios, different users of your computer, or different styles you want to convey.

NOTE:

For further details of items and operating the AGFA Font Manager, press F1 to display the HELP window.

Getting Started with AGFA Font Manager

Install Fonts

● Select one or more fonts to install from the Available Fonts list (the left list box).

● Click on [Install Fonts] button.

View Font Samples

● Select a font in the Available Fonts list or Installed Fonts list.

● Click on [Preview Fonts] button.

Print Font Samples

● Select a font in the Available Fonts list or Installed Fonts list.

● Click [Print Samples] button.

● Click [OK] in the [Print Samples] dialog box to print the samples.

Search for Fonts

You can search for fonts on floppy disks, CD-ROMs, your hard disk, or network.

● Use the [Search for Fonts] button.

● Select where you want to search for fonts.

● Click on [OK].

Uninstall Fonts

● Select one or more fonts to be uninstalled from the Installed Fonts list.

● Click on [Uninstall Fonts] button.

Use Help

For more information about AGFA Font Manager, choose Help Topics in the Help menu.

PRINTING

PRINTING IN Windows 95/98/NT4.0

The following describes the printing procedure for Windows 95/98/NT4.0 applications and how to cancel a print job. The application "WordPad" is used as an example.

> **IMPORTANT:**
>
> The printing procedure may vary depending on the application. For further details, refer to the instructions and HELP attached to the application.

Printing

1 **Open a WordPad document, then click on [Page Setup...] in the [File] menu.**

● The [Page Setup] screen appears.
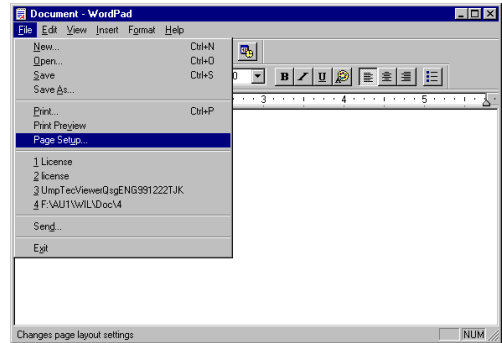
2 **Click on [Printer...].**

● The [Page Setup for Printer] screen appears.
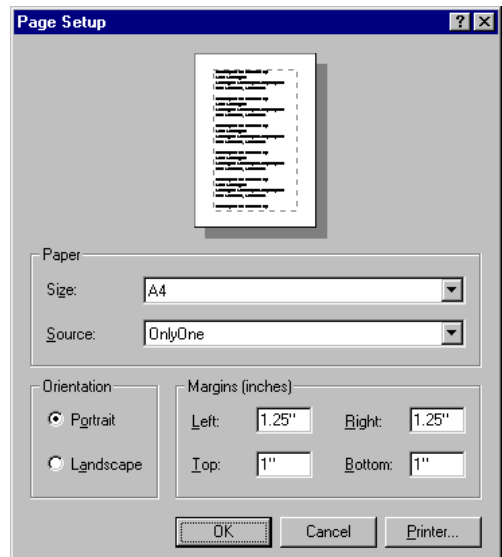
3 **Select the printer driver that you installed for the DP120F/DP125F, then click on [OK].**
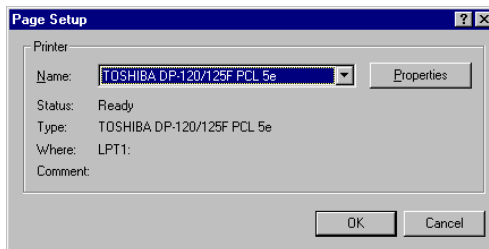
IMPORTANT:

● The [Name] displayed here is the name given to the printer driver when it was installed, or the name as it is displayed on the icon in Window's [Printer] folder.

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4 **Select the paper size and feeding direction, then click on [OK].**

● Set the [Size] field to an appropriate paper size.

● Set the [Source] field to a paper feeder which contains paper corresponding to the selected paper size. If no particular feeder needs to be specified, set to "Auto Select".
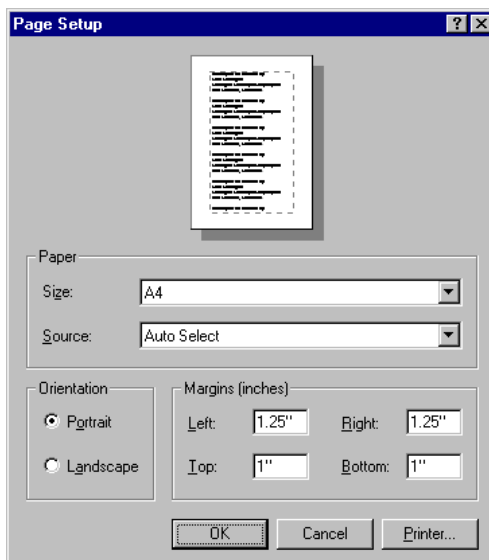
5 **Create text using WordPad.**

6 **Click on [Print...] in the [File] menu.**

● The [Print] screen appears.
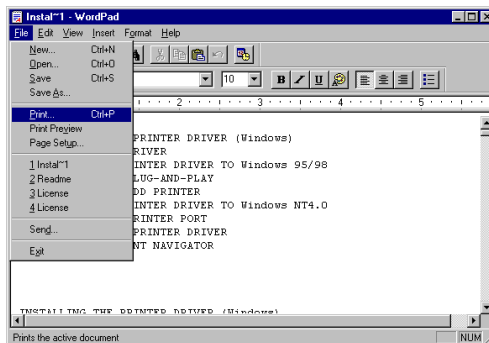
7 **Make sure the [Name] field corresponds to the name of the installed printer.**
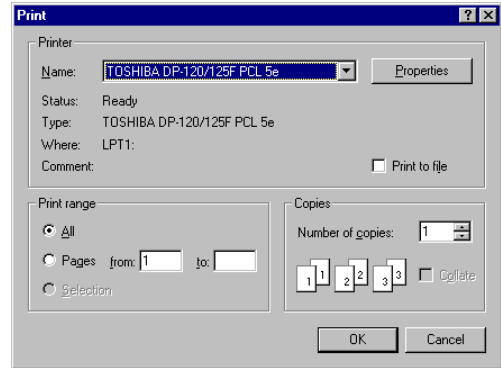
IMPORTANT:

● For printing in various ways (enlarged/reduced printing, Layout printing, etc.), click on [Properties] for the printer driver settings.

For the information of the printer driver properties, see the "PRINTER DRIVER SETTINGS."

8 **Click on the [OK] button.**
● Printing begins.

9 **The printed pages come out.**
● Check the printout.

IMPORTANT:

If you can not print, see "TROUBLESHOOTING-WHEN PRINTING CANNOT BE PERFORMED..." .

Canceling a Print Job

1 **Double-click on the printer icon displayed in the Windows Taskbar.**

● The printer window appears.

● Alternatively, you can open Window's Printer folder and double-click the printer icon to display pending print jobs.

2 **Select the document whose printing is to be canceled.**

3 **Click on [Cancel Printing] in the [Document] menu.**

● The selected document is deleted, and printing is canceled.
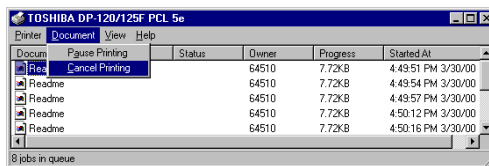
SETTINGS FOR PRINTING

DISPLAYING THE PRINTER PROPERTIES

The printer can handle various printing situations by changing the Printer's Property settings. There are two ways to display the Printer's Properties. The tabs displayed vary depending on the way the properites are accessed.

● Setting initial values of the Printer Properties through the Printers Folder:
  • The following tabs are displayed:
    General, Details, Sharing, Paper, Margin, Output, Cover Sheet, Watermark, Print Quality, Option, Other
  • The [General], [Details], and [Sharing] tabs are for settings related to Windows 95/98/NT4.0.

● Setting the Printer Property through the Print Dialog of each application:
  • For printing through an application, you may change required items from the initial values. The new settings will be effective only for that application. When printing in any other application, those settings will no longer be effective. Please note, however, even the initial values are changed in some applications.
  • For displaying the Printer Properties through an application, neither the [General], [Details] nor [Sharing] tabs will be displayed.

Setting the Initial Values for Printing

The settings here will be the initial values of settings for printing through applications:

1 **Click on the [Start] button, click on [Settings] and click on [Printers].**
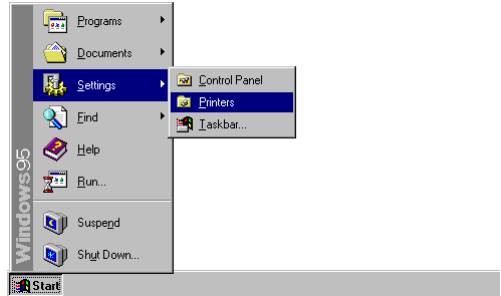
2 **Select the icon for this printer, and select [Properties] from the [File] menu.**
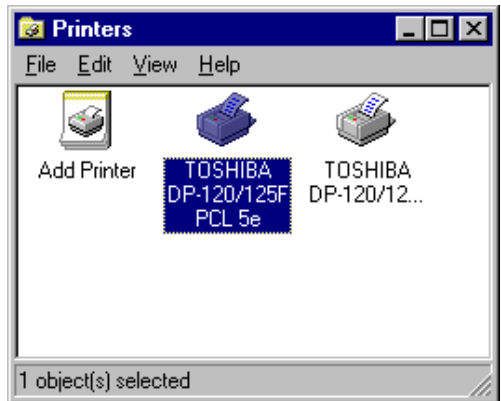
3 **The properties screen of the printer appears.**

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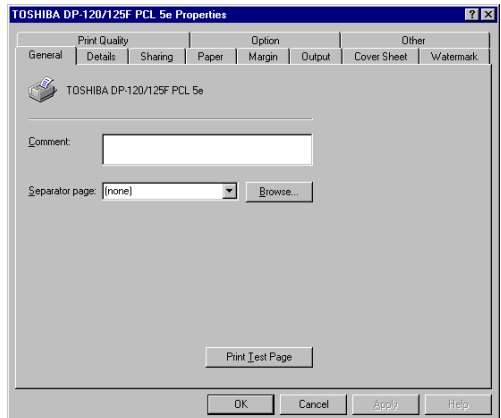
Printing Though an Application

Let's explain the procedure using "WordPad" as an example. The procedure to display the properties vary for each application. For further details, see the instructions for the application or see the HELP.

1 **Click on [Print...] in the [File] menu.**

● The [Print] screen appears.
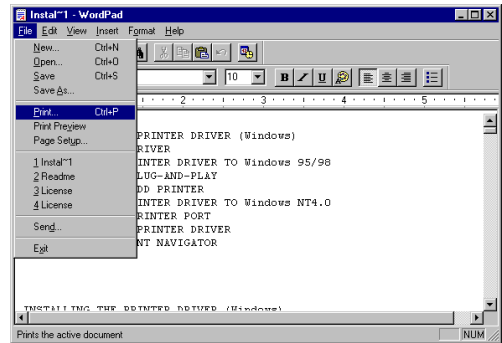
2 **Click on [Properties].**
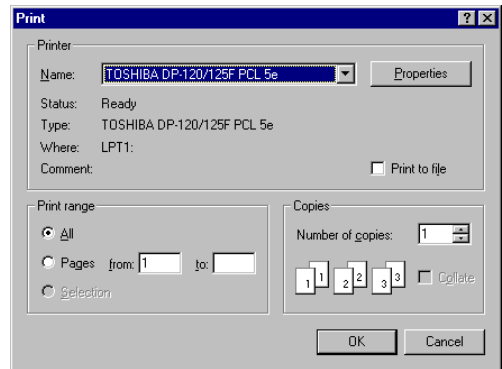
3 **The property screen of the printer appears.**
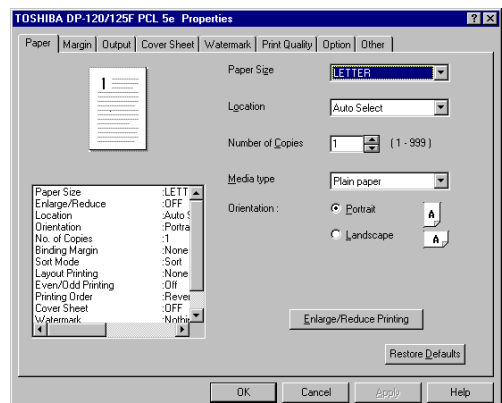
SCREEN DETAILS
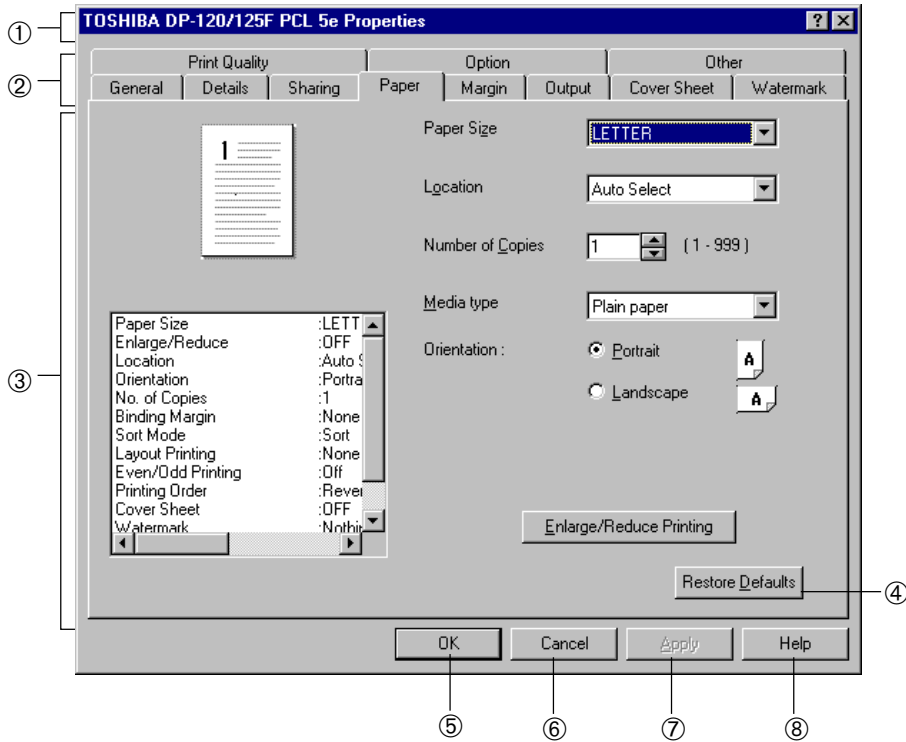
① **Printer Name**

Displays the name given to the printer driver when it was installed, or the name as it is displayed on the icon in Window's Printer folder.

② **Item Tabs**

The setting menu items of the printer driver are displayed as tabs. Clicking on a tab will display the setting contents of the selected tab. The tabs displayed vary depending on the way the properites are accessed.

SUPPLEMENTS:

● The following description covers the tabs exclusive to settings for this printer:
[Option] [Paper] [Margin] [Output] [Watermark] [Cover Sheet] [Print Quality] [Other]

● Other tabs displayed, such as [General] [Details] and [Sharing] are related to the functions of Windows 95/98/NT4.0. For further details, see the instructions for Windows or the HELP.

SETTINGS
FOR PRINTING

③ **Setting Contents**

Setting contents for each selected tab are displayed. For further details, see the instructions for each tab on the following pages.

④ **[Restore Defaults]**

Click on this to return the settings to the original factory defaults. This button is not provided on some tabs.

⑤ **[OK]**

Click on this to enter the input settings and complete the printer driver settings.

⑥ **[Cancel]**

Click on this to cancel the input settings and exit the printer driver settings.

⑦ **[Apply]**

Click on this to enter the input settings.

⑧ **[Help]**

Click on this when you want to see the HELP texts for the printer driver.

SUPPLEMENT:

Some applications may require their own settings. Also, some settings may differ from those in this printer driver. In such cases, please see the instructions for each application.

[Paper] Tab

This sets the properties of the paper for printing.
Setting items are for the paper size, tray location for feeding paper, number of copies, orientation for printing, media type of the paper, and enlarged or reduced printing.
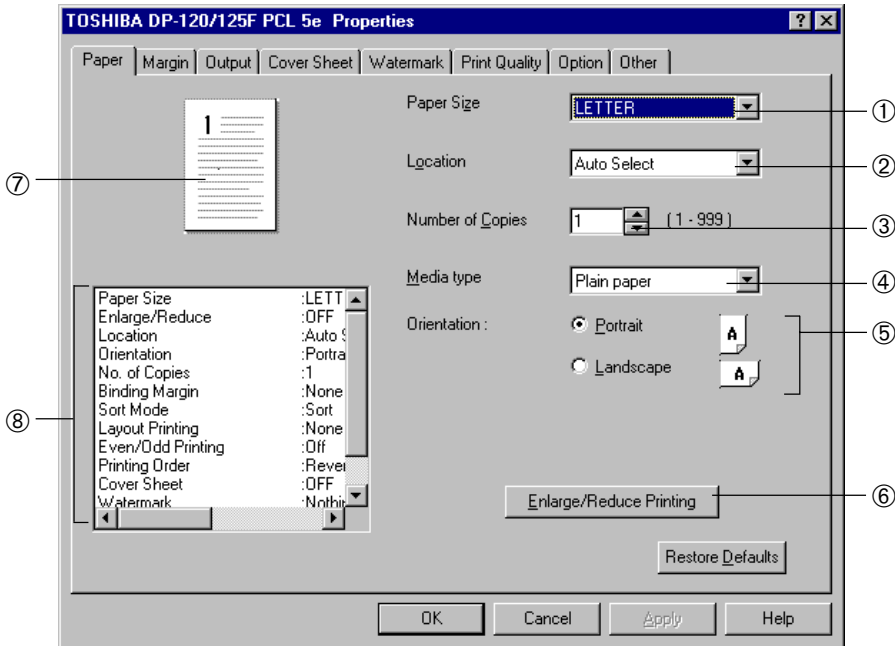
① **Paper Size**

This selects the size of paper for printing.

NOTE: By selecting the Main Paper Size System when installing the printer driver, the default paper size value is set. Selecting the "A" System sets "A4" here, and selecting the "LT" system sets "LETTER" here, as the initial value.

- A4
- A5
- B5
- LEGAL
- LETTER
- STATEMENT
- FOLIO
- Env-#10
- Env-Monarch

SUPPLEMENT:

When the Bypass Tray is not installed in your DP120F/DP125F, only A4, LEGAL and LETTER are available for the Paper Size.

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② **Location**

This selects the source for feeding paper. When paper of different sizes is loaded on several paper sources, select a
paper feed method to use paper of an appropriate size.

NOTE: It is set to "Auto Select" when shipped from the factory.

● Auto Select

Automatically selects the paper set in the the printer according to the document size for feeding.

● Cassette1

Feeds paper from the Upper Recording Paper Tray.

● Cassette2 (Optional)

Feeds paper from the Middle Recording Paper Tray.

● Cassette3 (Optional)

Feeds paper from the Lower Recording Paper Tray.

● Stack Feed Bypass (Standard for DP125F and Optional for DP120F)

Paper is fed from the Bypass Tray.

③ **Number of Copies**

This sets the number of printed copies.

You can set any integer in the range from 1 to 999.

NOTE: It is set with "1" when shipped from the factory.

④ **Media type**

This sets the media type of the paper.

NOTE: It is set to "Plain paper" when shipped from the factory.

● Plain paper

Select this when using the general plain paper.

● Envelopes

Select this when using envelopes. This is available only when the Bypass Tray is installed.

● Transparencies

Select this when using transparent sheets. This is available only when the Bypass Tray is installed.

● Labels

Select this when using label paper. This is available only when the Bypass Tray is installed.

● Cardstocks

Select this when using cardstock paper. This is available only when the Bypass Tray is installed.

● Letterhead

Select this when using letterhead paper. This is available only when A4 or LETTER is selected for the Paper Size.

⑤ **Orientation**

This sets the paper printing direction, to either "Portrait" or "Landscape."

NOTE: It is set to "Portrait" when shipped from the factory.

⑥ **[Enlarge / Reduce Printing]**

Click on this for changing the size of the printed page image.

This [Enlarge / Reduce Printing] screen appears to allow setting the print data.

See [Enlarge / Reduce Printing] screen.

Enlarge/Reduce Printing is not available when:

● "Layout Printing" is checked on in Output.

● "Raster" is set for the Graphic mode in Print Quality with PCL-5e

● "Env-#10" or "Env-Monarch" is selected for the Paper Size.

⑦ **Setting Confirmation Screen**

The status of the printed page with the input settings is displayed as an illustration.

⑧ **Setting Confirmation List**

The current settings for the printer driver is displayed.

[Enlarge / Reduce Printing] Screen

This screen appears by clicking on the [Enlarge / Reduce Printing] in the [Paper] Tab.

You may change the magnification to print enlarged or reduced copies.
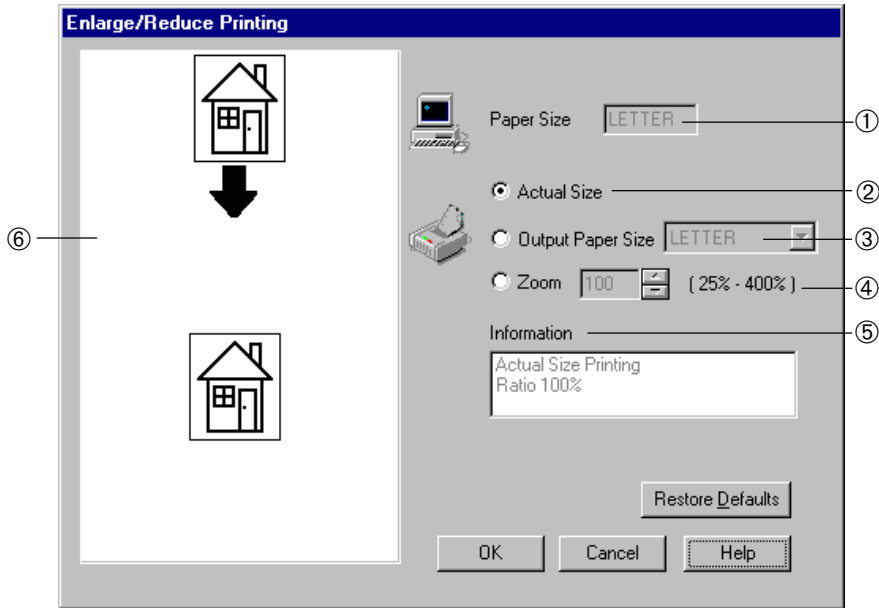
① Paper Size

Displays the paper size set for the [Paper Size] in the [Paper] tab.

② Actual Size

Select this for printing actual size.

③ Output Paper Size

This sets the size of print paper.

④ Zoom

This sets the zoom ratio for printing using a numeric value.

Any integer from 25 to 400 (%) can be set for the print zoom ratio.

⑤ Information

Displays the printing status and information on zoom ratio.

⑥ Setting Confirmation Screen

Displays the status of zoom settings as an illustration.

The pre-zoom status is displayed at the top, while the post-zoom status is displayed at the bottom.

(The display of the status is merely an image for comparison, it differs from the actual size.)

Relationship Between Paper Sizes and Reproduction Ratios

Output Size / Paper Size	A4	A5	B5	FOLIO	LEGAL	LETTER	STATEMENT
A4	100	71	86	100	103	94	67
A5	141	100	122	141	146	133	94
B5	115	82	100	115	119	109	109
FOLIO	90	63	78	100	103	85	65
LEGAL	84	59	72	93	100	78	60
LETTER	97	69	84	97	100	100	65
STATEMENT	138	97	119	150	154	129	100

Unit : %

SUPPLEMENTS:

● When a watermark is designated, the designated watermark is enlarged/reduced for printing.

● When no gutter is set in Binding Margin, the designated Width of a Binding Margin is retained without being influenced by the enlarge/reduce printing.

Enlarge / Reduce Printing by Paper Size

Enlarge/reduce printing is performed according to the size of paper to be printed.
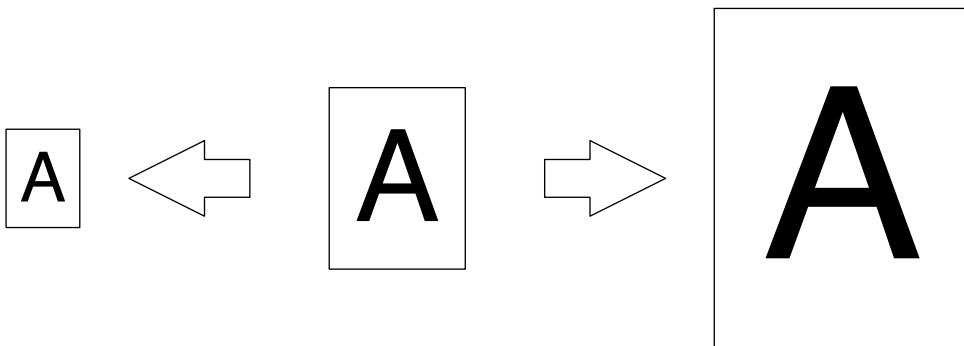
Example: To print a LETTER size document into STATEMENT size:

1 **Display the [Enlarge / Reduce Printing] screen.**

2 **Click on the check circle for Output Paper Size setting.**

3 **Click on [▼] to display selective items, then click on "STATEMENT."**
   ● In the Information field, "Reduce Printing, Ratio 65% (LETTER->STATEMENT)" is displayed.
   ● The Setting Confirmation Screen is displayed as in the figure on the right.

4 **Click on [OK].**
   ● The settings are entered and the [Paper] tab is displayed.
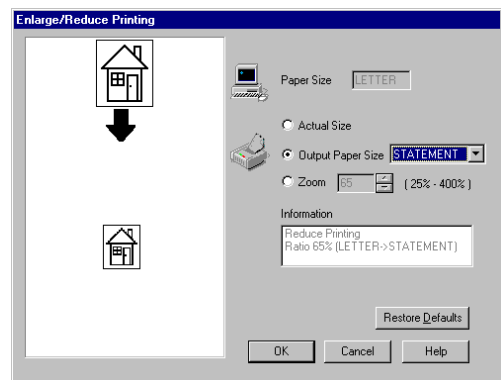
Enlarge / Reduce Printing by Zoom

Enlarge/reduce printing is made by designating the zoom ratio. Paper size remains unchanged.

A ⇐ A ⇒ A
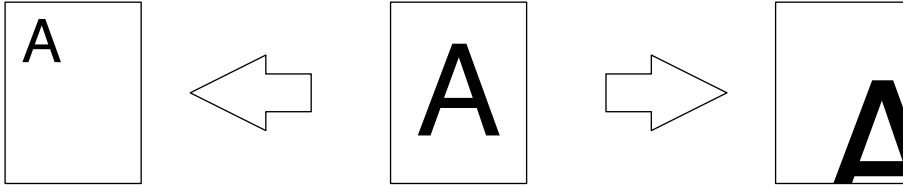
Example: To print a document into zoom ratio of 60%:

1 **Display the [Enlarge / Reduce Printing] screen.**

2 **Click on the check circle for Zoom setting.**

3 **Click on [▲] or [▼] to set the zoom ratio to "60%." (Or, you may directly input a required zoom rate in the list box.)**
- In the Information field, "Reduce Printing, Ratio 60%" is displayed.
- The illustration in the Setting Confirmation Screen is displayed as in the figure on the right.

4 **Click on [OK].**
- The settings are entered and the display returns to the [Paper] tab.

```
Enlarge/Reduce Printing

              Paper Size   LETTER

              ○ Actual Size
              ○ Output Paper Size  LETTER
              ● Zoom  60    ( 25% - 400% )

              Information
              Reduce Printing
              Ratio 60%

                          Restore Defaults

              OK     Cancel     Help
```

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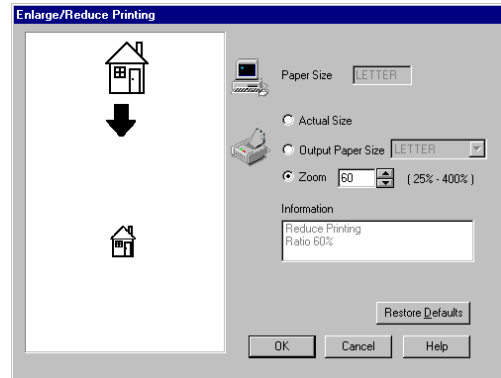
[Margin] Tab

This sets the gutter or margin space.
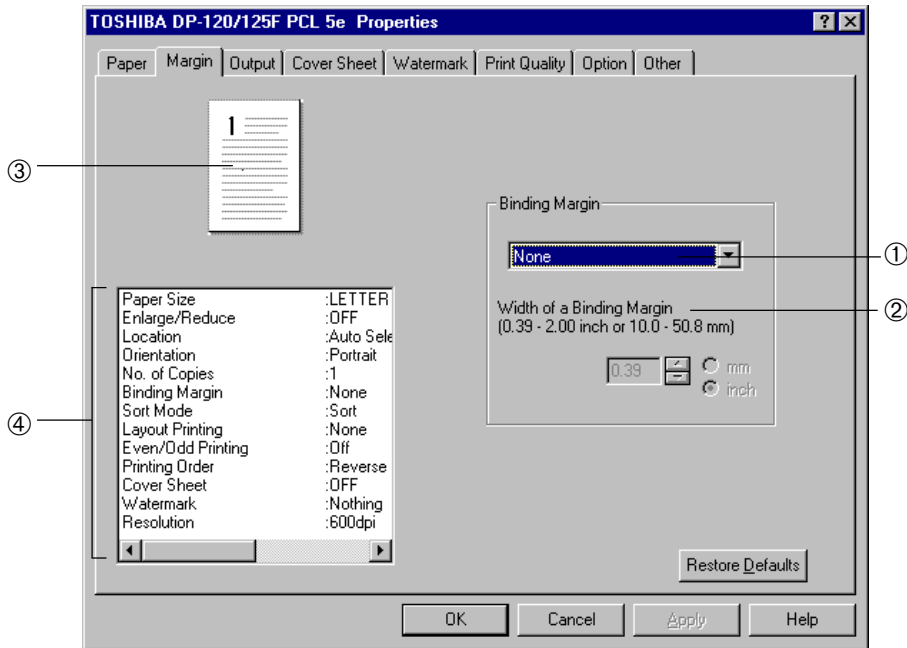
① **Binding Margin**

This selects whether or not the Binding Margin is set on paper to be printed.

NOTE: It is set with "None" when shipped from the factory.

● None

Select this when no gutter is to be set.

● Left

Select this when the gutter is set on the left side.

● Right

Select this when the gutter is set on the right side.

● Top

Select this when the gutter is set on the top side.

② **Width of a Binding Margin**

This sets the gutter width in millimeters or inches.

For setting in millimeters, select "mm" and set a value in the range from 10.0 to 50.8 mm in units of 0.1 mm.

For setting in inches, select "inch" and set a value in the range from 0.39 to 2.00 inches in units of 0.01 inch.

NOTE: It is set with 10.0 mm (0.39 inch) when shipped from the factory.

SUPPLEMENT:

When any gutter is set in Binding Margin, the Binding Margin will be added to the Width of a Paper Margin.

---

③ **Setting Confirmation Screen**

The status of printing with the input settings is displayed as an illustration.

④ **Setting Confirmation List**

The current settings for the printer driver are displayed.

[Output] Tab

This sets sorting, Layout printing (printing multiple pages on one sheet), and special printing.
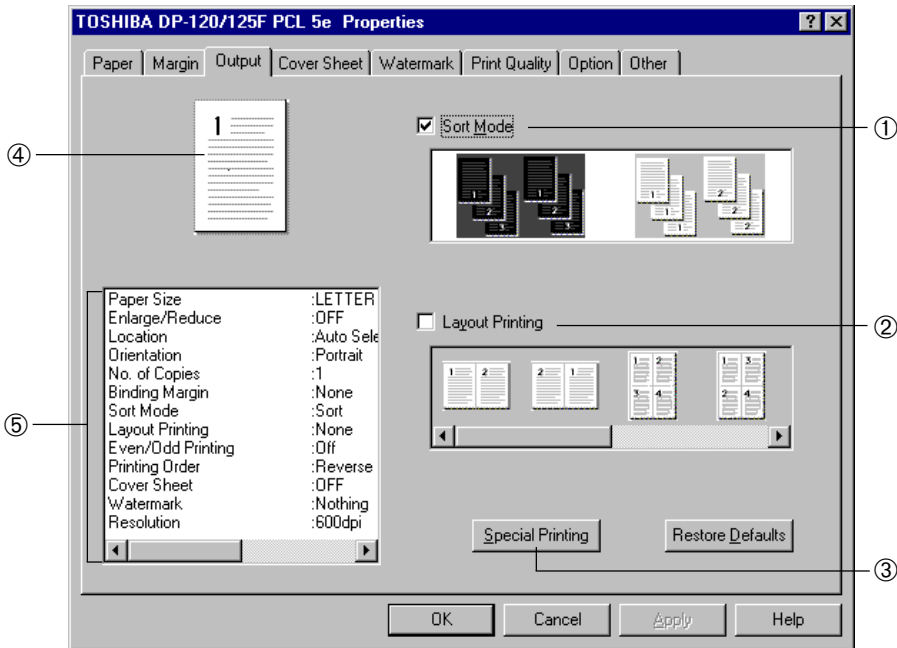
① **Sort Mode**

When multiple copies are made of the same document, printed sheets can be sorted. This function is useful for printing meeting materials and questionnaires.

For sort printing, check the checkbox, then click on the illustration for your requirement.

NOTE: It is set to "Sort" when shipped from the factory.

●**Sort**

Select this for sort-printing only (1, 2, 3...1, 2, 3...).
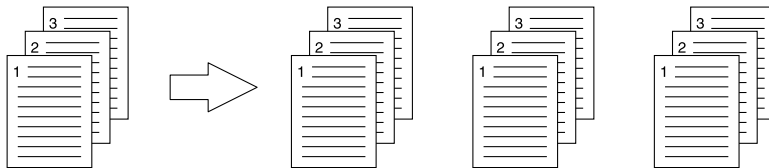
●**Group**

Select this for group-printing (1, 1, 1..2, 2, 2...i.e., to print copies of the same pages as a group).
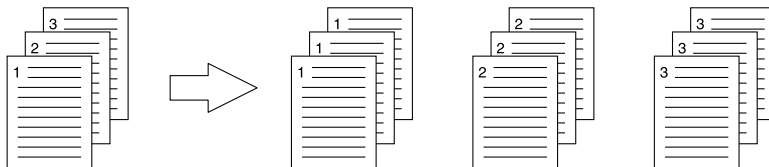
② **Layout Printing**

Not available when enlarge/reduce printing is selected and/or Raster Graphics mode is selected on the Print Quality tab of the PCL-5e driver.

This sets Layout printing (to print multiple page images size-reduced on one page).

For Layout Printing, check the check box, then click on whichever illustration desired.

NOTE: It is not checked off when shipped from the factory.

● 2 in 1 right order

Print images of 2 pages are placed in the forward sequence on one page.

● 2 in 1 reverse portrait

Print images of 2 pages are placed in the backward sequence on one page.

● 4 in 1 right order landscape

Print images of 4 pages are placed in the forward and horizontal sequence on one page.

● 4 in 1 right order portrait

Print images of 4 pages are placed in the forward and vertical sequence on one page.

● 4 in 1 reverse landscape

Print images of 4 pages are placed in the backward and horizontal sequence on one page.

● 4 in 1 reverse portrait

Print images of 4 pages are placed in the backward and vertical sequence on one page.

● 9 in 1

Print images of 9 pages are placed on one page.

● 16 in 1

Print images of 16 pages are placed on one page.

> **NOTE:**
>
> Two or more pages with different rotation cannot be printed on one page even if the Layout Printing is selected. If a page with different rotation is encountered during printing, that page will be printed on a separate sheet of paper and the print job will continue.

SUPPLEMENTS:

Placing Sequence of Layout Printing:

The placing sequence (layout) on the page differs depending on the "Orientation" setting in the [Paper] Tab (see "Orientation").

●When the "Orientation" is set to "Portrait":

1	2		2	1

1	2
3	4

1	3
2	4

2	1
4	3

3	1
4	2

2 in 1 right order · 2 in 1 reverse · 4 in 1 right order landscape · 4 in 1 right order portrait · 4 in 1 reverse landscape · 4 in 1 reverse portrait

9 in 1

1	2	3
4	5	6
7	8	9

16 in 1

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
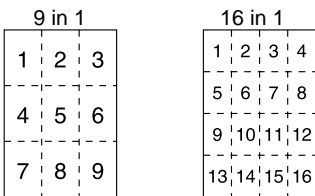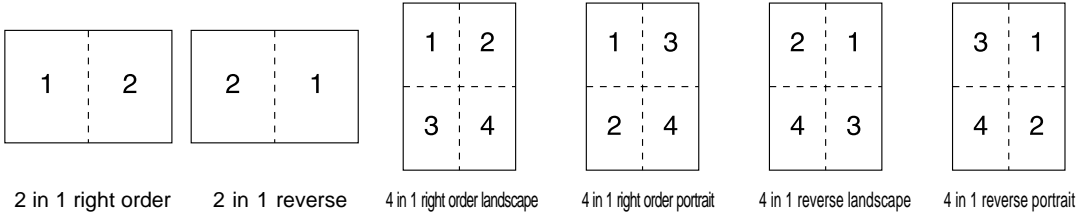
●When the "Orientation" is set to "Landscape":

1
2

1	2
3	4

1	3
2	4

2	1
4	3

3	1
4	2

2 in 1 right order · 4 in 1 right order landscape · 4 in 1 right order portrait · 4 in 1 reverse landscape · 4 in 1 reverse portrait

9 in 1

1	2	3
4	5	6
7	8	9

16 in 1

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
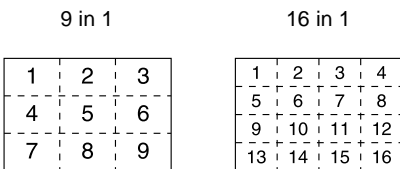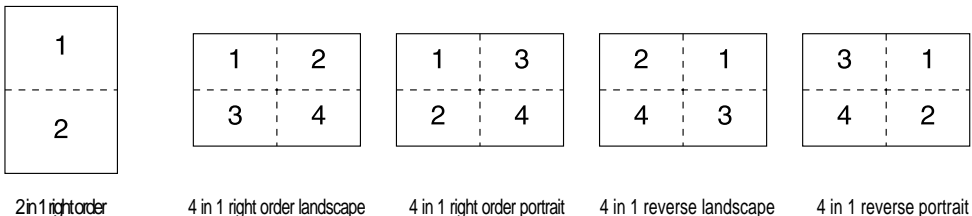
③ **[Special Printing]**

Click on this button for printing with special settings such as printing even and odd pages separately, and managing the printing order.

The [Special Printing] screen appears. See the [Special Printing] screen.

④ **Setting Confirmation Screen**

Displays the status of printing with the input settings as an illustration.

⑤ **Setting Confirmation List**

Displays the current settings for the printer driver.

[Special Printing] Screen

This screen appears when clicking on the [Special Printing] button in the [Output] tab.
It allows setting of the Even/Odd Printing and the Printing Order.
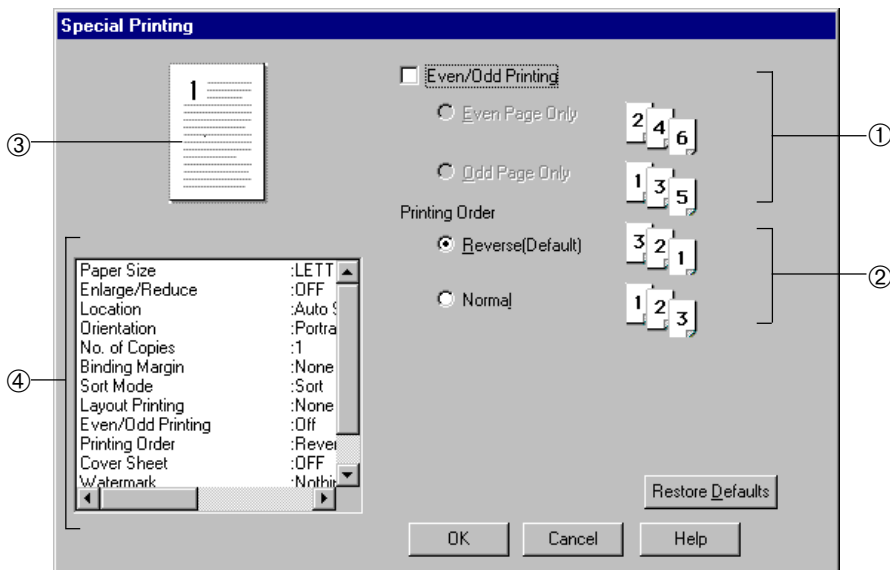
① **Even/Odd Printing**

Check on this when you want to print only even pages or odd pages.

NOTE: It is checked off when shipped from the factory.

● Even Page Only

Print even pages of the document.

● Odd Page Only

Print odd pages of the document.

② **Printing Order**

Select the printing order to determine if the document will start printing from the last page or the first page.

NOTE: It is set to "Reverse" when shipped from the factory.

③ **Setting Confirmation Screen**

Displays the status of printing with the input settings as an illustration.

④ **Setting Confirmation List**

Displays the current settings for the printer driver.

[Cover Sheet] Tab

This tab page is used to add a blank cover sheet, back cover sheet, or print a first page on different paper fed from a selected location. This is useful when you want to add or print a cover page in different color of paper, and different size of paper.
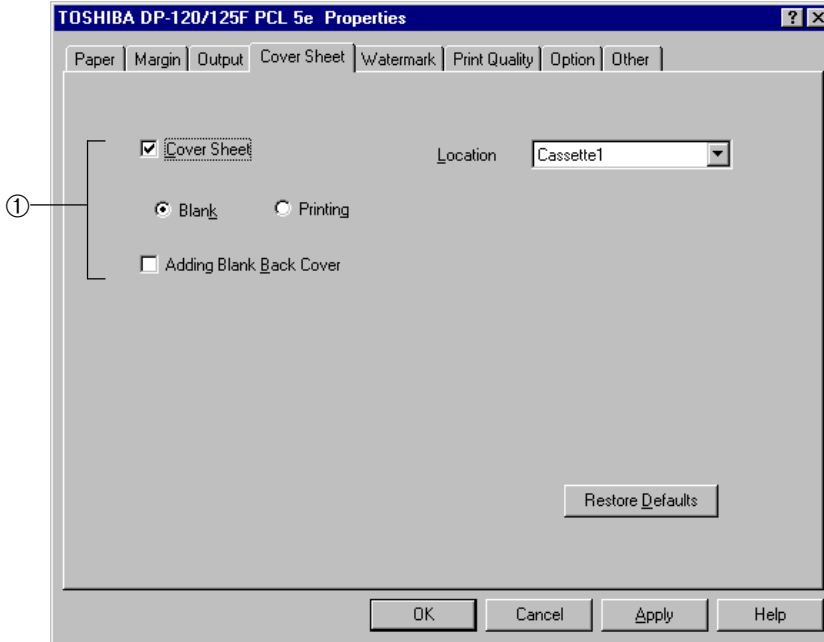
① **Cover Sheet** (Grayed out when Layout Printing is selected)

Check this checkbox when a cover sheet is attached.

●Blank

Click on this radio button to add a blank sheet for a cover sheet. You can select the location to use different paper.

●Printing

Click on this radio button to print the first page of the document using different paper, fed from a selected location.

●Location

Selects the cassette that supplies paper for the cover sheet.

●Adding Blank Back Cover

Check this checkbox when a back cover sheet is added. The back cover sheet can be inserted as a blank sheet.

SUPPLEMENTS:

● Cover Sheet

The cassette other than the cassette usually used is selected to supply paper for the first or last page attached as a front or back cover. The cover sheet can be inserted and printed.

Ex: 3 pages printed on one side of paper

1) Front cover insertion

Blank front cover sheet

2) Front cover printing

Print a first page in different paper as a front cover sheet
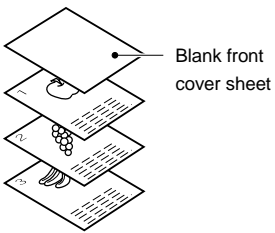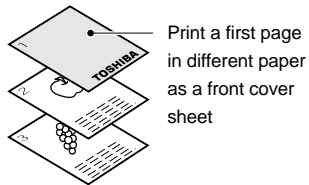
3) Front cover insertion and back cover insertion

Blank front cover sheet

Blank back cover sheet
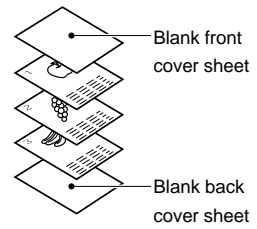
[Watermark] Tab

This sets a Watermark printed over documents to be printed through applications.

A maximum of 30 different Watermarks (including "Nothing") may be entered as watermark files.
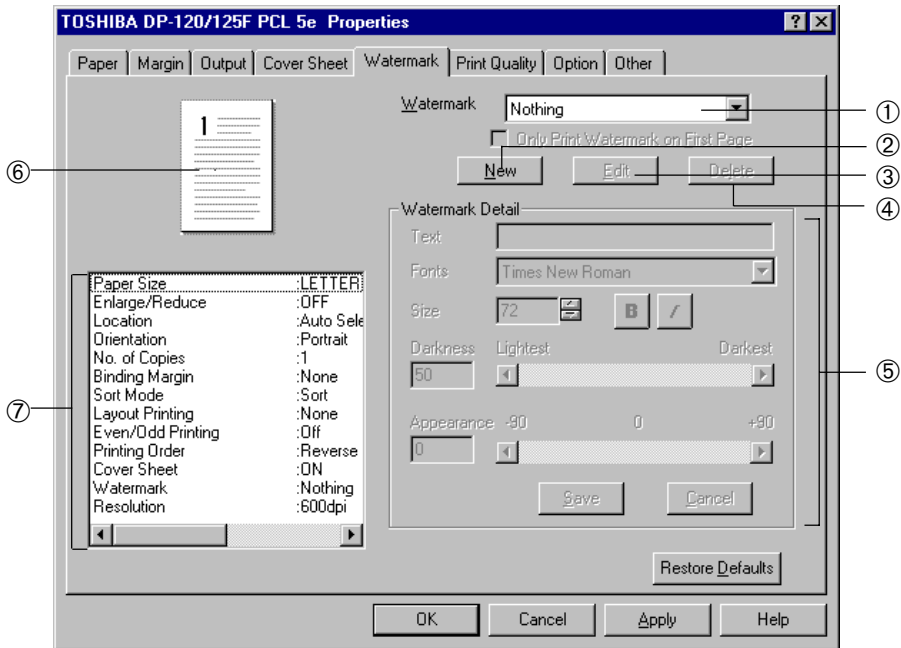
① **Watermark**

This sets Watermarks to be used or edited.

For using a Watermark only on the first page, check the check box.

NOTE: It is set with "Nothing" when shipped from the factory.

● Nothing

Select this for not using any Watermark.

● Company Confidential

● Company Private

● Company Proprietary

● Confidential

● COPY

● Copyright

● Draft

● File Copy

● Final

● For Internal Use Only

● Preliminary

● Proof

● Review Copy

● Sample

● Top Secret

● Urgent

② **[New]**

Click on this for creating a new Watermark.

③ **[Edit]**

Click on this for editing a Watermark.

Click on it only when a Watermark to be edited has been selected.

④ **[Delete]**

Click on this for deleting the selected Watermark.

⑤ **Watermark Detail screen**

Settings here become enabled after clicking on the [New] or [Edit] buttons.

Details on Watermarks are set here.

See "The screen of Registration and Edit" .

⑥ **Setting Confirmation Screen**

Displays the status of printing with the input settings as an illustration.

⑦ **Setting Confirmation List**

Displays the current settings for the printer driver.

NOTES:

● If the default Watermarks are deleted or edited, they cannot be restored.

● The Watermark is set to "nothing" by clicking on [Restore Defaults].

A Watermark that has been deleted or edited cannot be restored to the default settings by the [Restore Defaults] button.

The Screen of Registration and Edit (Watermark Entry/Edit Screen)
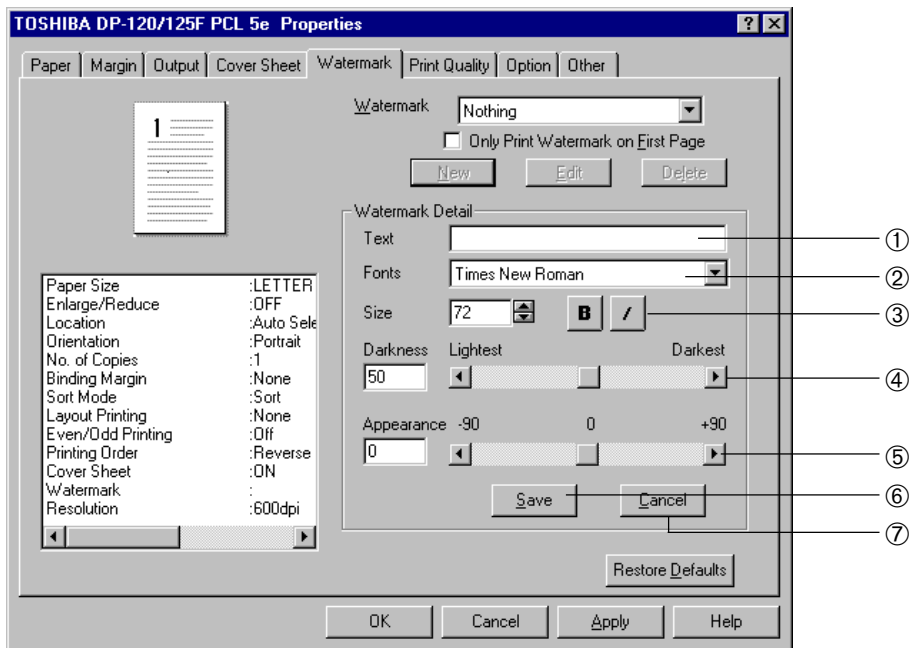
① **Text**

Inputs and displays the name of the Watermark to be created or edited.

② **Fonts**

This sets the font for the Watermark to be created or edited.

③ **Size**

This sets the font size for the Watermark to be created or edited.

The size value can be set in the range of 8 to 400 pt in units of 1 pt.

Each font can further be set with its font style of Bold and Italic.

NOTE: It is set with "72 pt" when shipped from the factory.

④ **Darkness**

This sets shading (darkness) of the Watermark to be created or edited.

The shading can be set in a range from 0 (lightest) to 100 (darkest) in units of 1 point.

NOTE: "50" is selected when shipped from the factory.

⑤ **Appearance**

This sets the appearance (angle) of the Watermark to be created or edited.

The appearance can be set in a range from –90 degrees to 90 degrees in units of 1 degree.

NOTE: "0 degree (horizontal)" is selected when shipped from the factory.

⑥ **[Save]**

Click on this to enter a new Watermark or to enter edited Watermark settings.

⑦ **[Cancel]**

Click on this to cancel the procedure for creating or editing a Watermark.

[Print Quality] Tab

This sets properties to the printing quality.

Settings are for grayscale, graphic mode, bitmap compression, Font Manager starting, TrueType fonts and Smoothing process.

The screen will differ depending on the driver. The following shows a description for each driver.

For the PCL-5e Driver
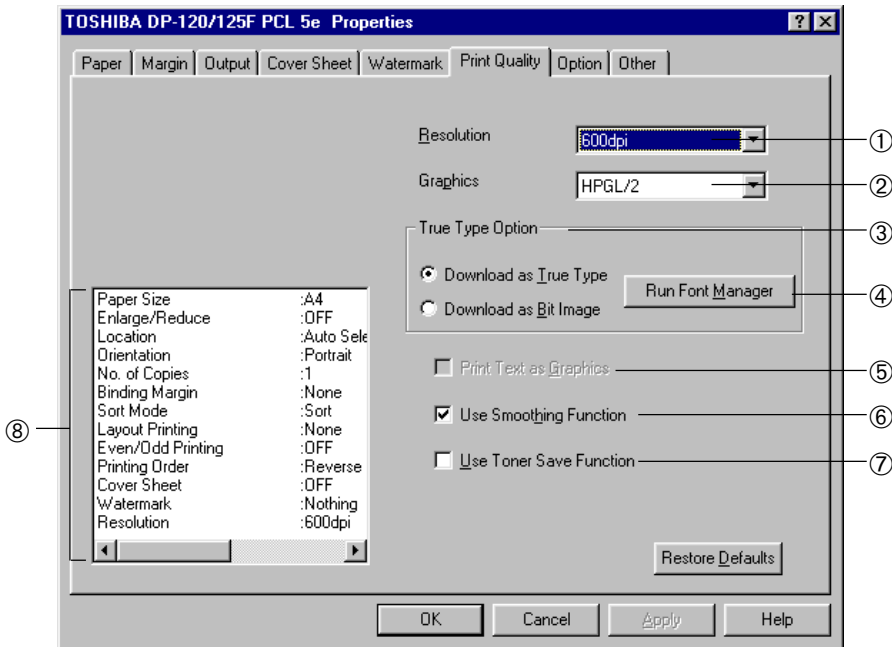
① **Resolution**

This sets the resolution for printing.

NOTE: It is set with "600dpi" when shipped from the factory.

● 600dpi

Select this to print documents with an emphasis on resolution over speed.

● 300dpi

Select this to print documents with an emphasis on speed over resolution.

② **Graphics**

This designates which configuration is used for sending the graphics information to the printer.

NOTE: It is set with "HPGL/2" when shipped from the factory.

● Raster

This prints all the graphics as raster images.

• This cannot be set when "Layout printing" is set at the Output tab.

● HPGL/2

This prints some geometrical patterns faster.

• When "HPGL/2" is selected, the "Print Text as Graphics" is not available.

③ **TrueType Options**

This sets TrueType fonts to be used for printing.

NOTE: It is set with "Download as TrueType" when shipped from the factory.

● Download as TrueType

TrueType fonts are downloaded as software fonts, which makes the print speed faster.

● Download as Bit Image

TrueType fonts are converted to images before printing, which makes the print speed slower.

④ **[Run Font Manager]**

Click on this to start the AGFA Font Manager.

⑤ **Print Text as Graphics**

Check this checkbox to print text as graphics.

This setting is available when "Raster" is selected in Graphics.

⑥ **Use Smoothing Function**

Check this checkbox when the smoothing function is to be used.

⑦ **Use Toner Save Function**

Check this checkbox when the toner save function is to be used.

⑧ **Setting Confirmation List**

Displays the current settings for the printer driver.

For the PCL-XL Driver
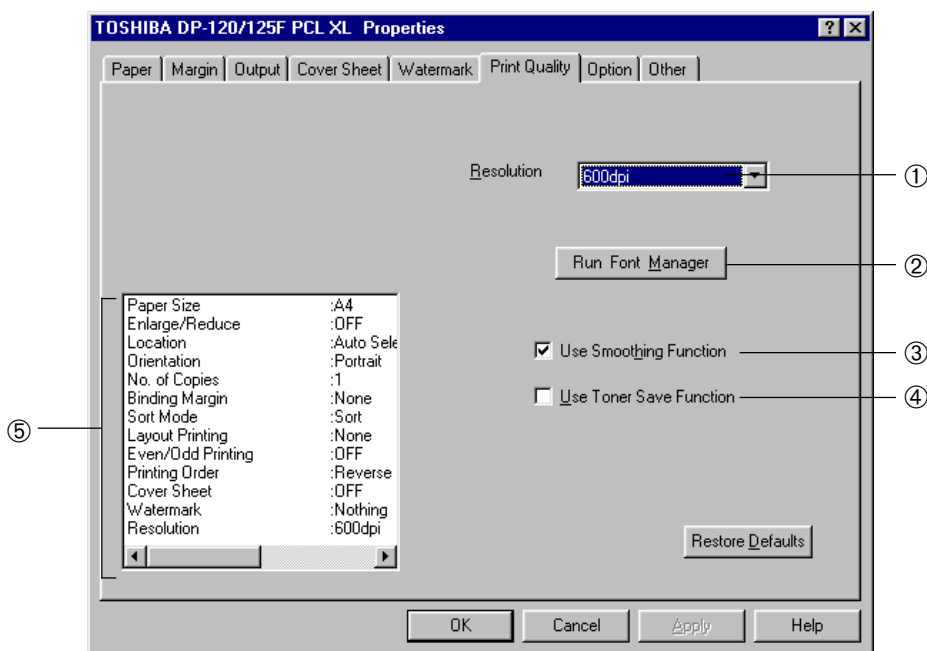
① Resolution

This sets the resolution for printing.

NOTE: It is set with "600dpi" when shipped from the factory.

● 600dpi

Select this to print documents with an emphasis on resolution over speed.

● 300dpi

Select this to print documents with an emphasis on speed over resolution.

② [Run Font Manager]

Click on this to start the AGFA Font Manager.

③ Use Smoothing Function

Check this checkbox when the smoothing function is to be used.

④ Use Toner Save Function

Check this checkbox when the toner save function is to be used.

⑤ Setting Confirmation List

Displays the current settings for the printer driver.

[Option] Tab

This tab sets whether optional devices for this printer are installed or not.

Items to be set depend on the options configuration. It is recommended that such items be set before printing or setting the [Other] tab page.

> **SUPPLEMENTS**:
> ● If you do not know the options configuration for the machine, you can see the information about the installed options on the [Configuration] Tab of the Printer Settings dialog using the TOSHIBA Status Display. For further details about the TOSHIBA Status Display refer to the section "TOSHIBA STATUS DISPLAY FUNCTION" in this manual.
> ● If your DP120F/125F is connected to a network, you can see the information for installed options by the NetPanel. Ask your administrator for the URL of using NetPanel. For further details about NetPanel and the tray properties, refer to the section "NETPANEL FUNCTION" in OPERATOR'S MANUAL/FOR PRINTER FUNCTION - Network Setup.
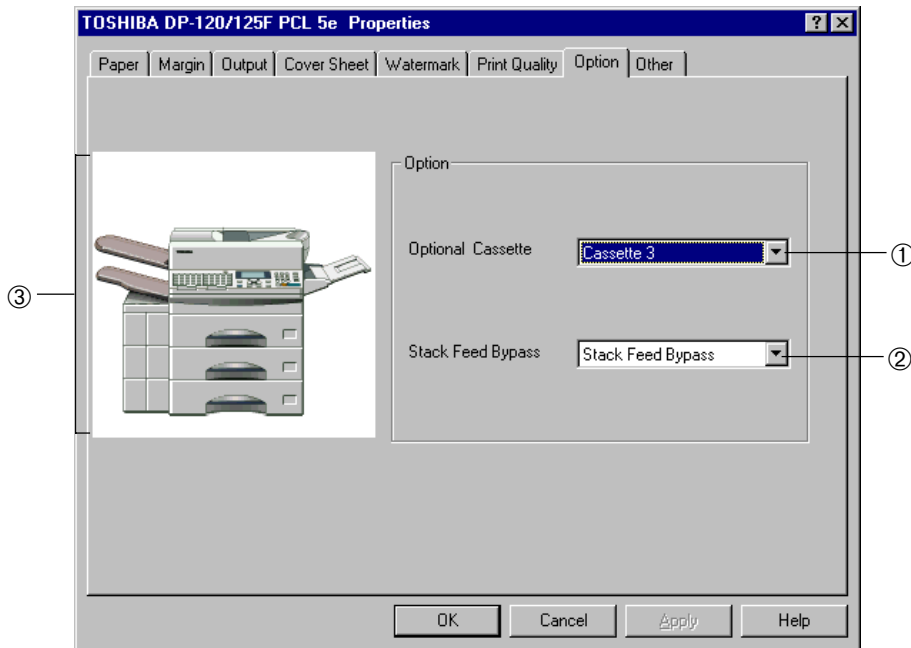
① **Optional Cassette**

This selects how the optional cassettes are installed.

NOTE: "Not Install" is selected when shipped from the factory.

● Not Install

Select this when no optional cassette is installed.

● Cassette 2

Select this when the optional Lower Recording Paper Tray is installed.

● Cassette 3

Select this when the optional Middle Recording Paper Tray and the optional Lower Recording Paper Tray are installed.

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② **Stack Feed Bypass**

This selects how the Bypass Tray is installed.

NOTE: "Not Install" is selected when shipped from the factory.

● Not Install

Select this when no optional cassette is installed.

● Stack Feed Bypass

Select this when the Bypass Tray is installed.

SUPPLEMENT:

If your computer is running Windows NT 4.0, it is necessary to log on with "Administrators" or "Power Users" group priviledges to setup the "Option." Refer to the Windows NT Manual for log-on details.

NOTE:

If you want to use the Bypass tray to print, please enable the Bypass setting on the printer's Operation Panel. To set the Bypass Setting on the Operation Panel, see "OPERATING ON THE OPERATION PANEL - BYPASS SETTING."

---

③ **Optional Device Installed Status**

The status of optional cassettes and the Bypass Tray are indicated in the illustration.

[Other] Tab

Displays the entered Group Numbers, and information on the version.
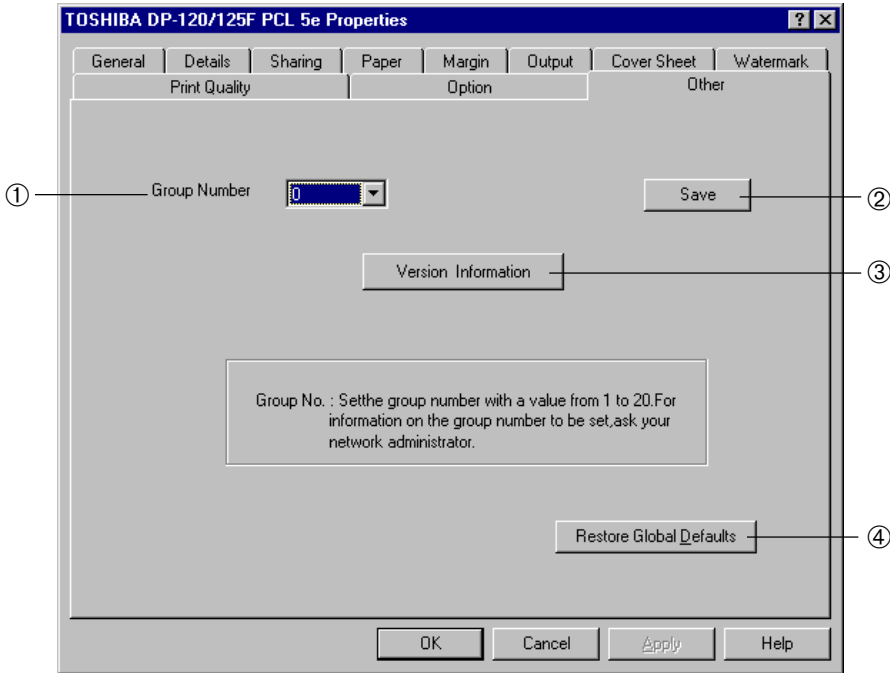
① **Group Number**

Displays the Group Number entered at the time of installing the printer driver.

Otherwise the Group Number can be entered or selected on this tab when the printer driver is installed by the Add Printer wizard.

② **Save**

Click this button to save the Group Number that you assigned.

When you click this button, the Input check screen appears.

Click [OK] to submit the setting.

This is not available if you have already set the Group Number.
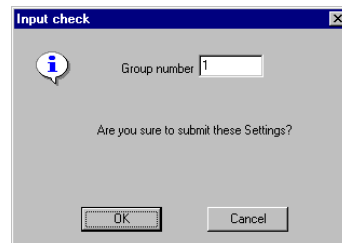
③ **[Version Information]**

Click on this to display information on the version.

The version information screen at right appears.
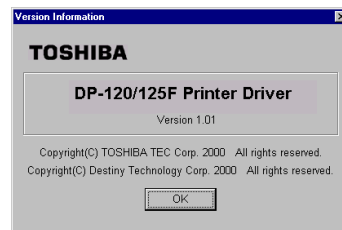
④ **[Restore Global Defaults]**

Settings for the Printer Properties are set to the defaults except Group Number, Saved Watermarks, and Option Tab Page.

Attention	☒
⚠️ All printer setting will be restored defaults. Are you sure ?	
[OK]	
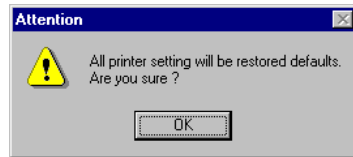
TOSHIBA STATUS DISPLAY FUNCTION

STARTING TOSHIBA STATUS DISPLAY

The TOSHIBA Status Display can monitor the printer status, whenever certain events occur on the printer, such as paper jam, paper out and so on. Users can also set the printer configuration information through the system.

Environmental Requirements

The TOSHIBA Status Display can be used in the following environment:
- Applicable OS   :   Windows 95, Windows 98, Windows NT4.0
- Local I/F   :   IEEE1284 (Compatible mode, ECP)
- BIOS Setting   :   ECP enabled

NOTES:
- The TOSHIBA Status Display cannot be operated when your printer is connected in a network environment.
- The TOSHIBA Status Display cannot be operated when the TOSHIBA Viewer is running on your PC. Everytime you start the Status Display, the alert message will be displayed.   Please make sure to exit the TOSHIBA Viewer before you start the Status Display and click on [Yes] to start the Status Display.

> **TOSHIBA Printer Status Display**
>
> ? You can't use TOSHIBA Printer Status Display and TOSHIBA Viewer simultaneously.
> If you use TOSHIBA Viewer, don't start TOSHIBA Printer Status Display.
> If you continue, please cheak and close TOSHIBA Viewer.
> Do you continue?
>
> [Yes]   [No]
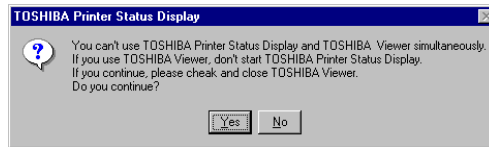
SUPPLEMENT:

If the TOSHIBA Status Display cannot be operated, ensure the following details are satisfied:
- Using the right cable to connect the printer and your computer. Refer to "SPECIFICATION, OPTIONS, AND OTHERS - PRINTER CABLE SPECIFICATIONS."
- The ECP setting in the BIOS of your computer is enabled.

The Status Display will automatically start if you clicked [Yes] at the prompt that asked you whether the Status Display will automatically start during the installation. If you clicked [No] at the prompt, select the shortcut to the TOSHIBA Status Display in the TOSHIBA DP120&125F folder in Programs from the Start menu to start the TOSHIBA Status Display.

Type of Screen

The TOSHIBA Status Display has three types of the screen views.

● Reduce View

This screen only displays the printer status. To display this screen, select Reduce on the View menu. When you first start the TOSHIBA Status Display this screen appears.
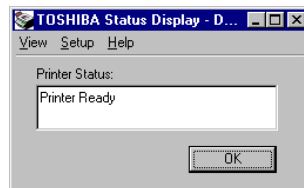
● ExPand View

This screen displays the printer status, how to recover if any problems occur, and the image of the printer status. To display this screen, select ExPand on the View menu.
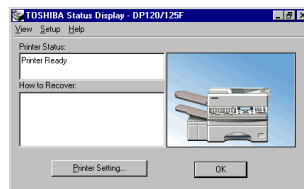
● Icon View

The TOSHIBA Status Display icon is displayed on the status area of the Task bar. The icon color will change according to the printer status.

Blue: The printer detects no error or warning.

Yellow: The printer detects warnings.

Red: The printer detects errors.

SUPPLEMENT:

If the icon color is either yellow or red, view the TOSHIBA Status Display in ExPand view and see the printer status and how to recover to solve the problems. Refer to "TROUBLESHOOTING - WHEN AN ERROR MESSAGE IS DISPLAYED..." for further details about the printer status.

Description of Screens
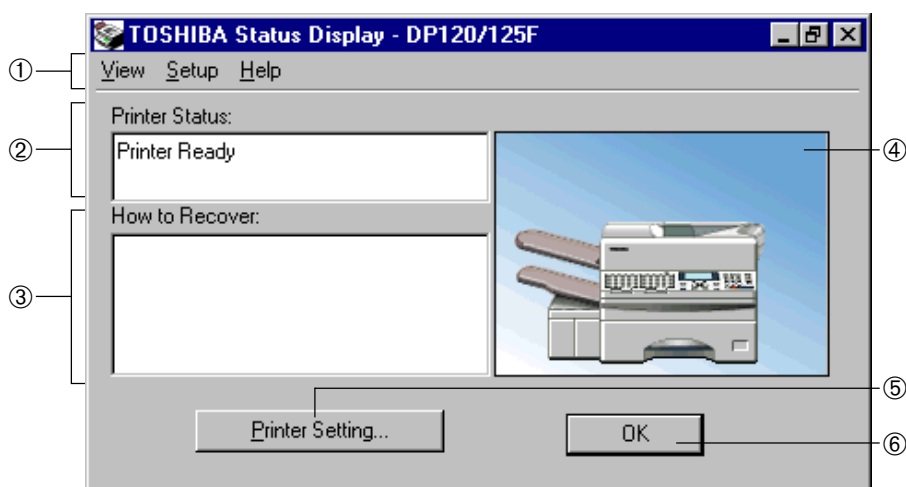
① **Menus**

Menus to operate the TOSHIBA Status Display.

● View menu

ExPand	View the TOSHIBA Status Display in ExPand view mode.
Reduce	View the TOSHIBA Status Display in Reduce view mode.
Exit	Exit the TOSHIBA Status Display.

● Setup menu

Printer Setting...	Set up the printer configuration. Printer Setting screen appears.
Communication Reset	Reset and reconnect the communication between the computer and the printer.

● Help menu

Help	View the Help topic.
About	View the Version Information screen.

② **Printer Status**

Display the status of the printer.

③ **How to Recover**

Display the message that indicates the solutions when something occurs.

④ **Status Bitmap**

Display the image that indicates the printer status.

⑤ **[Printer Setting...]**

Click this button to set up the printer configuration. The Printer Setting screen appears.

⑥ **[OK]**

Minimize the TOSHIBA Status Display. The TOSHIBA Status Display icon remains on the status area of the Task bar.

PRINTER SETTING

You can configure your printer settings using the TOSHIBA Status Display.

NOTE:

Please make sure that your DP120F/DP125F is correctly connected to your computer and the printer status of the TOSHIBA Status Display indicates the connection is active.

Screen Details
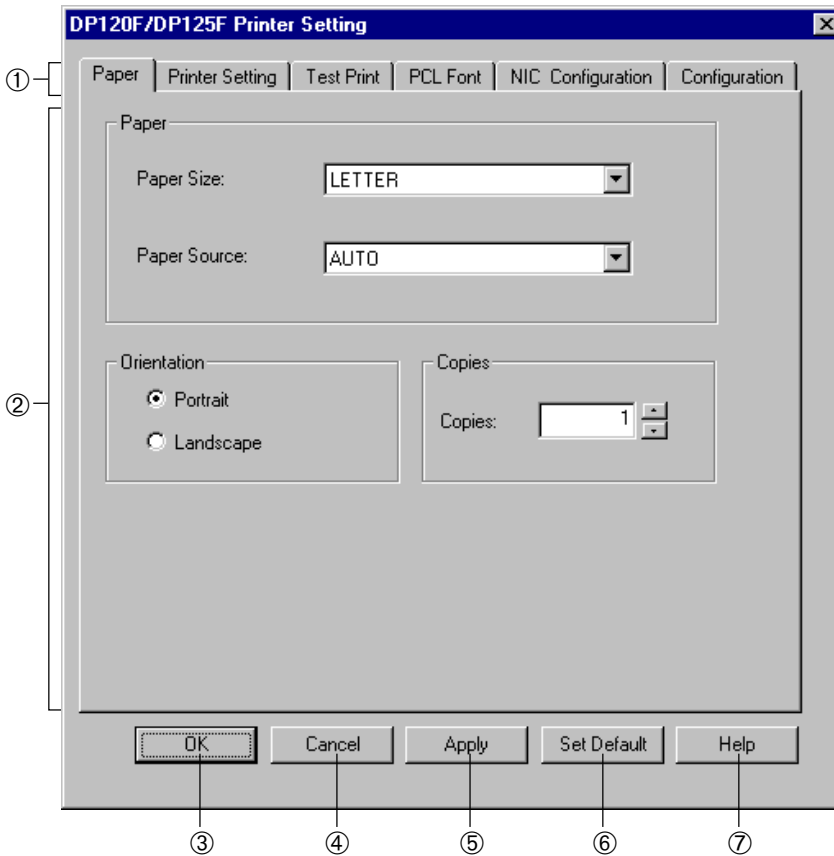
① **Item Tabs**

The setting menu items for the printer properties are displayed as tabs. The setting contents for a particular tab can be displayed by clicking on the tab.

② **Setting Contents**

Setting contents for each selected tab are displayed. For further details, see the instructions for each tab on the following pages.

③ **[OK]**

Click on this to enter the input values and complete the printer setting.

④ **[Cancel]**

Click on this to cancel the input values and exit the printer setting.

⑤ **[Apply]**

Click on this to enter the input values.

⑥ **[Set Default]**

Click on this to return the setting contents to the original factory default values.

⑦ **[Help]**

Click on this when you want to see the HELP texts for the printer settings.

[Paper] Tab

This sets the paper properties for printing. The settings are only applied when printing is performed without the printer driver.

Setting items are for the paper size, paper source, destination, number of copies, and orientation.
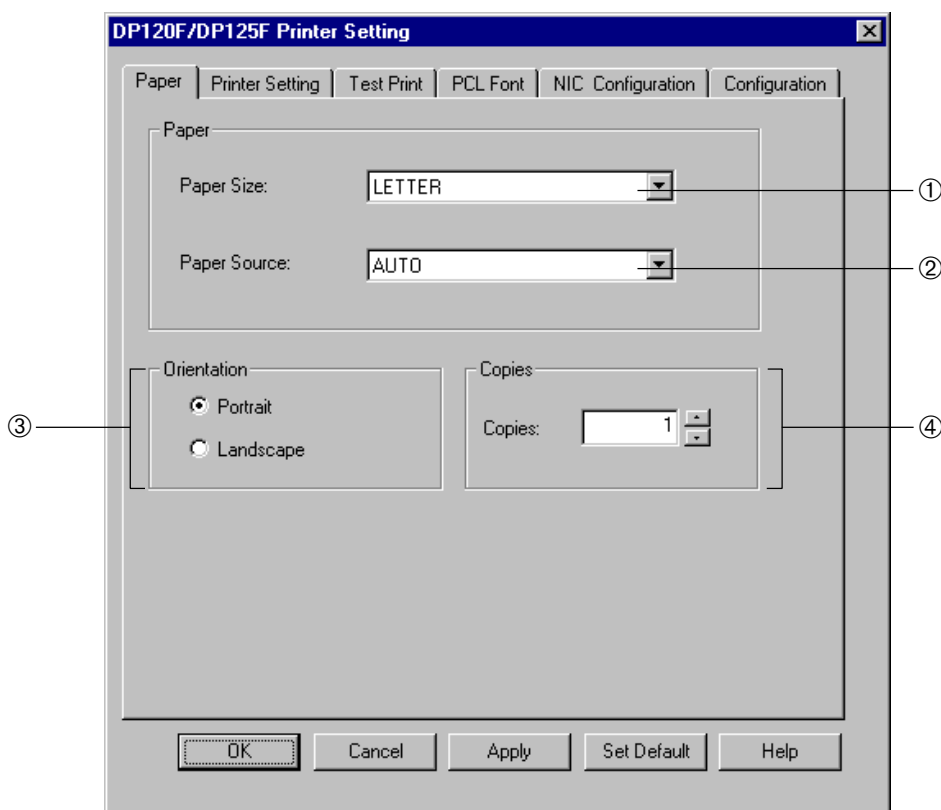
① **Paper Size**

This selects the size of paper used for printing.

- ● A4
- ● A5
- ● B5
- ● LEGAL
- ● LETTER
- ● STATEMENT
- ● FOLIO
- ● MONARCH
- ● COM10

NOTES:

When the Bypass Tray is not installed to your DP120F/DP125F, only A4, LEGAL and LETTER are available for the Paper Size.

TOSHIBA STATUS DISPLAY FUNCTION

② **Paper Source**

This selects the paper feed source for printing. If several different paper sizes are loaded into different paper sources, select the paper feed method which will use paper of an appropriate size.

NOTE: It is set with "AUTO" when shipped from the factory.

● AUTO

Automatically selects paper from the tray corresponding to the appropriate paper size.

● CASSETTE1

Feeds paper from the Upper Recording Paper Tray.

● CASSETTE2 (Optional)

Feeds paper from the Middle Recording Paper Tray.

● CASSETTE3 (Optional)

Feeds paper from the Lower Recording Paper Tray.

● STACK FEED BYPASS (Standard for DP125F and Optional for DP120F)

Paper is fed from the Bypass Tray.

③ **Orientation**

This sets the paper printing direction, to either "Portrait" or "Landscape."

NOTE: It is set to "Portrait" when shipped from the factory.

④ **Copies**

This sets the number of printed copies.

You can set any integer in the range from 1 to 999.

NOTE: It is set with "1" when shipped from the factory.

[Printer Setting] Tab

This configures the printer settings. The settings are only applied when printing is performed without the printer driver.

Setting items are for the page protection, line/page, toner save, I/O time out, auto continue, and smoothing.
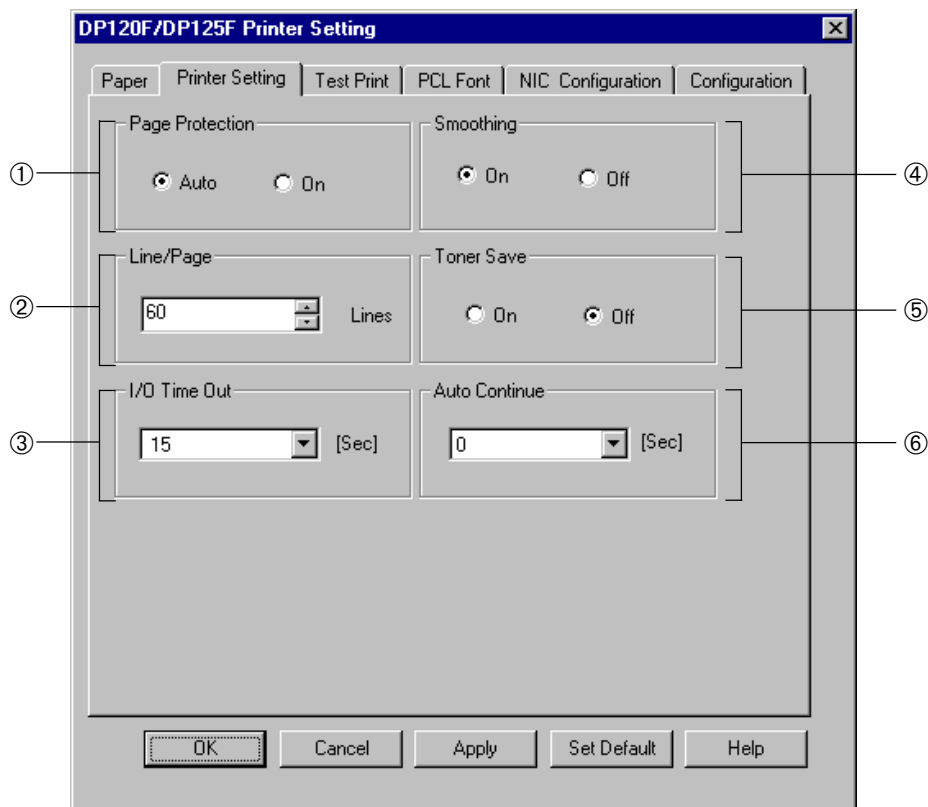
① **Page Protection**

This sets the page protection function. A data overrun error may occur during the printing operation when there is a large amount of printing data in a page, because the system cannot analyze the data in time and stop the printing. Page protection reserves additional memory and waits until the page is fully composed before starting the print operation in order to avoid a data overrun error.

● Auto   The printer analyzes each page and turns on page protection automatically only when it is required.
● On   The printer always keeps sufficient memory reserved to ensure that a page can be fully composed.

② **Line/Page**

Select the number of lines which can be printed on one page. This only applies when printing text documents from an application which does not utilize a page setup feature. (i.e. The text is printing from MS-DOS.)

NOTE: It is automatically set depending on the paper size.

The Default of Line/Page depending on the Paper Sizes

Orientation / Paper Size	Portrait	Landscape
A4	64	43
A5	43	28
B5	53	36
FOLIO	71	43
LEGAL	78	45
LETTER	60	45
STATEMENT	45	27
MONARCH	39	17
COM10	51	18

③ **I/O Time Out**

This sets the time out interval that the printer will wait if there is an interruption while receiving a print job. The Auto Continue setting determines what the printer will do next after the time out value is reached.

NOTE: It is set with "15" when shipped from the factory.

④ **Smoothing**

This setting enables/disables the Smoothing feature. This is only applied when printing is performed without the printer driver.

NOTE: It is set with "On" when shipped from the factory.

⑤ **Toner Save**

This setting enables/disables the Toner Saving feature. This is only applied when printing is performed without the printer driver.

NOTE: It is set to "Off" when shipped from the factory.

⑥ **Auto Continue**

This sets the duration for which the printer will automatically attempt to recover from a print job error.

NOTE: It is set to "0" when shipped from the factory.

[Test Print] Tab

This operates the test printing.
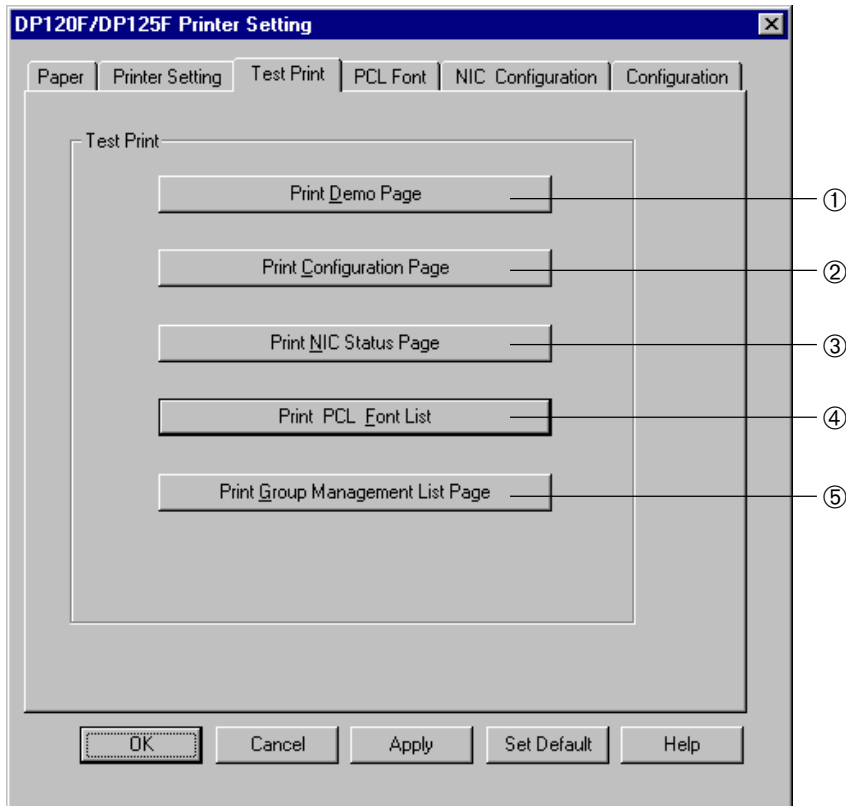
① Print Demo Page

Click this to print a page that demonstrates the features and functions of the printer.

② Print Configuration Page

Click this to print a page that describes the printer's current settings.

③ Print NIC Status Page

Click this to print a page that describes the printer's NIC status. This is not available when the optional NIC is not installed in your DP120F/DP125F.

④ Print PCL Font List

Click this to print a page that lists the printer's PCL fonts.

⑤ Print Group Management List Page

Click this to print a page that lists the printer's current group counts for each group.

The followings are the samples for the Test Print.

● **Demo Page**

● Configuration Page

TOSHIBA
DP120/125F   Configuration Page

Paper Setting
Paper Size
    Cassette 1 = A4
    Cassette 2 =
    Cassette 3 =
    Stack Feed Bypass =
Paper Source = Automatic
Copies = 1
Orientation = Portrait

Printer Setting
Page Protection = AUTO
Line/Page = 64
I/O Time Out = 15 sec
Smoothing = ON
Toner Save = OFF
Auto Continue = 0 sec

Font Setting
Font Size = 12.00pt
Font Pitch = 10.00cpi
Symbol Set = PC-8
Typeface = Courier

Configuration
Network Card = Not Installed
Total Memory = 8 MB
Total Page Count = 977

Version
Controller F/W Version = Q.C3.02 (0517)

Network
TCP/IP =
DHCP =
IP Address =
Subnetmask =
Default Gateway =
IPX/SPX =
Frame Type =
Apple Talk =

Option
Cassette 2 = Not Installed
Cassette 3 = Not Installed
Stack Feed Bypass = Disable

● NIC Status Page

```
--------------------------------------------------------------------------------
Unit Serial No: 000074                    Version: 09.08

Network Address:  00:80:91:20:00:4a

Network Topology: Ethernet                Connector: RJ45

Network Speed: 10 Megabits

Novell Network Information                enabled
     Print Server Name: MFP_000074
     Password Defined: No
     Preferred Server Name not defined
     Directory Services Context not defined
     Frame Type: 802.2 On 802.3

Peer-to-Peer Information                  enabled
     Frame Type: 802.2 On 802.3
     Network ID: 71c6b162 h

TCP/IP Network Information                enabled
     Frame Type: Ethernet II              Protocol Address: Not Configured
     Subnet Mask: 255.0.0.0               Default Gateway:  0.0.0.0
     DNS Address: 0.0.0.0
     WINS Name: MFP_000074

IPP Network Information                   enabled
     Internet Printing Protocol           http://0.0.0.0:631/Print

AppleTalk Network Information             disabled
--------------------------------------------------------------------------------
Novell inactive

Peer-to-Peer Connection Information
     Printer Name: MFP_000074

AppleTalk Inactive

TCP/IP Connection Information
     Port Number : 10001

--------------------------------------------------------------------------------
```

● PCL Font List 1

TOSHIBA
DP120/125F   PCL Font List 1

Internal Scalable and Bitmapped Fonts

Font Number	Typeface	Pitch/Point	Escape Sequence
000	Courier	Scale	<esc>(###<esc>(s0p***h0s0b4099T
001	CG Times	Scale	<esc>(###<esc>(s1p$$$v0s0b4101T
002	**CG Times Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b4101T
003	*CG Times Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b4101T
004	***CG Times Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b4101T
005	CG Omega	Scale	<esc>(###<esc>(s1p$$$v0s0b4113T
006	**CG Omega Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b4113T
007	*CG Omega Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b4113T
008	***CG Omega Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b4113T
009	*Coronet*	Scale	<esc>(###<esc>(s1p$$$v1s0b4116T
010	**Clarendon Condensed**	Scale	<esc>(###<esc>(s1p$$$v4s3b4140T
011	Univers Medium	Scale	<esc>(###<esc>(s1p$$$v0s0b4148T
012	**Univers Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b4148T
013	*Univers Medium Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b4148T
014	***Univers Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b4148T
015	Univers Medium Condensed	Scale	<esc>(###<esc>(s1p$$$v4s0b4148T
016	**Univers Bold Condensed**	Scale	<esc>(###<esc>(s1p$$$v4s3b4148T
017	*Univers Medium Condensed Italic*	Scale	<esc>(###<esc>(s1p$$$v5s0b4148T
018	***Univers Bold Condensed Italic***	Scale	<esc>(###<esc>(s1p$$$v5s3b4148T
019	Antique Olive	Scale	<esc>(###<esc>(s1p$$$v0s0b4168T
020	**Antique Olive Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b4168T
021	*Antique Olive Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b4168T
022	Garamond Antiqua	Scale	<esc>(###<esc>(s1p$$$v0s0b4197T
023	**Garamond Halbfett**	Scale	<esc>(###<esc>(s1p$$$v0s3b4197T
024	*Garamond Kursiv*	Scale	<esc>(###<esc>(s1p$$$v1s0b4197T
025	***Garamond Kursiv Halbfett***	Scale	<esc>(###<esc>(s1p$$$v1s3b4197T
026	*Marigold*	Scale	<esc>(###<esc>(s1p$$$v0s0b4297T
027	Albertus Medium	Scale	<esc>(###<esc>(s1p$$$v0s1b4362T
028	**Albertus Extra Bold**	Scale	<esc>(###<esc>(s1p$$$v0s4b4362T
029	Arial	Scale	<esc>(###<esc>(s1p$$$v0s0b16602T
030	**Arial Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b16602T
031	*Arial Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b16602T
032	***Arial Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b16602T
033	Times New	Scale	<esc>(###<esc>(s1p$$$v0s0b16901T
034	**Times New Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b16901T

Symbol set, *** Pitch : .10 - 576, $$$ Point Size : .25 - 999.75

TOSHIBA
DP120/125F   PCL Font List 2

Internal Scalable and Bitmapped Fonts

Font Number	Typeface	Pitch/Point	Escape Sequence
035	*Times New Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b16901T
036	***Times New Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b16901T
037	Helvetica	Scale	<esc>(###<esc>(s1p$$$v0s0b24580T
038	**Helvetica Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b24580T
039	*Helvetica Oblique*	Scale	<esc>(###<esc>(s1p$$$v1s0b24580T
040	***Helvetica Bold Oblique***	Scale	<esc>(###<esc>(s1p$$$v1s3b24580T
041	Helvetica Narrow	Scale	<esc>(###<esc>(s1p$$$v4s0b24580T
042	**Helvetica Narrow Bold**	Scale	<esc>(###<esc>(s1p$$$v4s3b24580T
043	*Helvetica Narrow Oblique*	Scale	<esc>(###<esc>(s1p$$$v5s0b24580T
044	***Helvetica Narrow Bold Oblique***	Scale	<esc>(###<esc>(s1p$$$v5s3b24580T
045	Palatino Roman	Scale	<esc>(###<esc>(s1p$$$v0s0b24591T
046	**Palatino Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b24591T
047	*Palatino Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b24591T
048	***Palatino Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b24591T
049	ITC Avant Garde Gothic Book	Scale	<esc>(###<esc>(s1p$$$v0s0b24607T
050	**ITC Avant Garde Gothic Demi**	Scale	<esc>(###<esc>(s1p$$$v0s2b24607T
051	*ITC Avant Garde Gothic Book Oblique*	Scale	<esc>(###<esc>(s1p$$$v1s0b24607T
052	***ITC Avant Garde Gothic Demi Oblique***	Scale	<esc>(###<esc>(s1p$$$v1s2b24607T
053	ITC Bookman Light	Scale	<esc>(###<esc>(s1p$$$v0s-3b24623T
054	**ITC Bookman Demi**	Scale	<esc>(###<esc>(s1p$$$v0s2b24623T
055	*ITC Bookman Light Italic*	Scale	<esc>(###<esc>(s1p$$$v1s-3b24623T
056	***ITC Bookman Demi Italic***	Scale	<esc>(###<esc>(s1p$$$v1s2b24623T
057	New Century Schoolbook Roman	Scale	<esc>(###<esc>(s1p$$$v0s0b24703T
058	**New Century Schoolbook Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b24703T
059	*New Century Schoolbook Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b24703T
060	***New Century Schoolbook Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b24703T
061	Times Roman	Scale	<esc>(###<esc>(s1p$$$v0s0b25093T
062	**Times Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b25093T
063	*Times Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b25093T
064	***Times Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b25093T
065	*ITC Zapf Chancery Medium Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b45099T
066	ITC Zapf Dingbats ☆✳✥ ❋●□❀ ✿✤■✳❂●▼▲	Scale	<esc>(14L<esc>(s1p$$$v4s0b45101T
067	Symbol Σψμβολ	Scale	<esc>(19M<esc>(s1p$$$v0s0b16686T
068	SymbolPS ΣψμβολΠΣ	Scale	<esc>(19M<esc>(s1p$$$v0s0b45358T
069	Wingdings ✞❀■℣♌❀℣■℣♦	Scale	<esc>(579L<esc>(s1p$$$v0s0b31402T

Symbol set, *** Pitch : .10 - 576, $$$ Point Size : .25 - 999.75

● **PCL Font List 3**

TOSHIBA
DP120/125F   **PCL Font List 3**

Internal Scalable and Bitmapped Fonts

Font Number	Typeface	Pitch/Point	Escape Sequence
070	**Courier Bold**	Scale	<esc>(###<esc>(s0p***h0s3b4099T
071	*Courier Italic*	Scale	<esc>(###<esc>(s0p***h1s0b4099T
072	***Courier Bold Italic***	Scale	<esc>(###<esc>(s0p***h1s3b4099T
073	Letter Gothic	Scale	<esc>(###<esc>(s0p***h0s0b4102T
074	**Letter Gothic Bold**	Scale	<esc>(###<esc>(s0p***h0s3b4102T
075	*Letter Gothic Italic*	Scale	<esc>(###<esc>(s0p***h1s0b4102T
076	CourierPS	Scale	<esc>(###<esc>(s0p***h0s0b24579T
077	**CourierPS Bold**	Scale	<esc>(###<esc>(s0p***h0s3b24579T
078	*CourierPS Oblique*	Scale	<esc>(###<esc>(s0p***h1s0b24579T
079	***CourierPS Bold Oblique***	Scale	<esc>(###<esc>(s0p***h1s3b24579T
080	Line Printer	16.67/8.5	<esc>(0N<esc>(s0p16.67h8.5v0s0b0T
081	Line Printer	16.67/8.5	<esc>(1U<esc>(s0p16.67h8.5v0s0b0T
082	Line Printer	16.67/8.5	<esc>(2N<esc>(s0p16.67h8.5v0s0b0T
083	Line Printer	16.67/8.5	<esc>(3R<esc>(s0p16.67h8.5v0s0b0T
084	Line Printer	16.67/8.5	<esc>(5N<esc>(s0p16.67h8.5v0s0b0T
085	Line Printer	16.67/8.5	<esc>(6N<esc>(s0p16.67h8.5v0s0b0T
086	Line Printer	16.67/8.5	<esc>(8U<esc>(s0p16.67h8.5v0s0b0T
087	Line Printer	16.67/8.5	<esc>(10U<esc>(s0p16.67h8.5v0s0b0T
088	Line Printer	16.67/8.5	<esc>(11U<esc>(s0p16.67h8.5v0s0b0T
089	Line Printer	16.67/8.5	<esc>(12U<esc>(s0p16.67h8.5v0s0b0T

Symbol set, *** Pitch : .10 - 576, $$$ Point Size : .25 - 999.75

TOSHIBA STATUS DISPLAY FUNCTION

● **Group Management List Page**

TOSHIBA
DP120/125F Group Management List Page

Group Number	Print Number
1	10748114
2	66
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
Other	838861156
Total Page Count	**849609336**

[PCL Font] Tab

This sets the PCL font and Symbol Set to be used to print text when no font has been assigned.
(i.e. The text is printed from MS-DOS.)
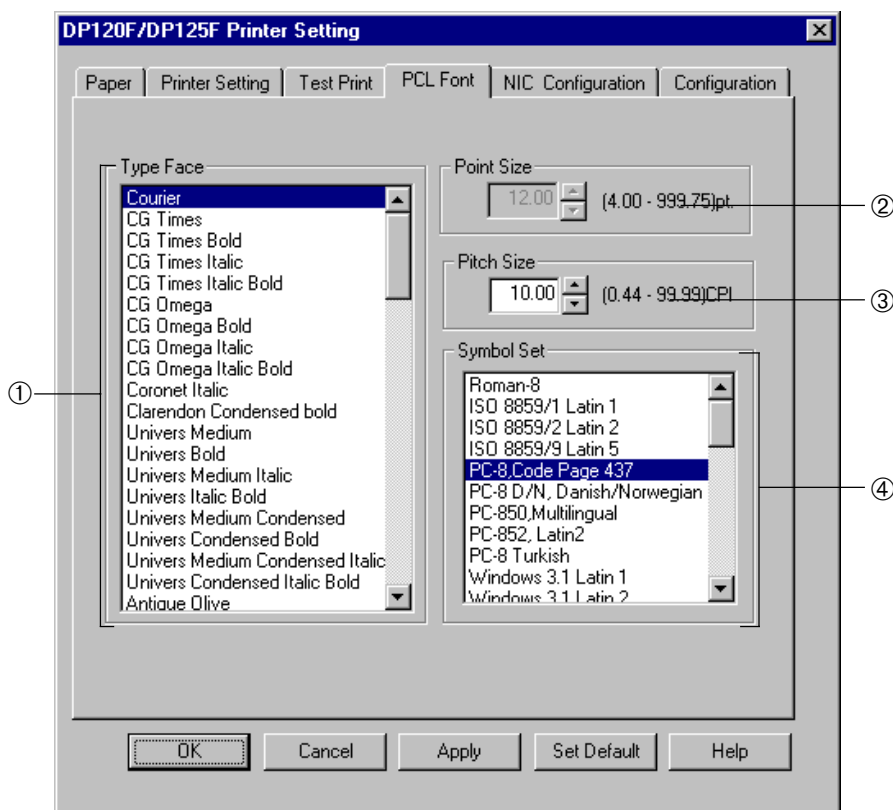
① **Type Face**

Select the font to use for printing.

② **Point Size**

This sets the point size for the selected font. This is available when the proportional font is selected at Type Face.

③ **Pitch Size**

This sets the pitch size for the selected font. This is available when the non-proportional font is selected at Type Face.

④ **Symbol Set**

Select the Symbol Set to use for printing.

[NIC Configuration] Tab

This sets the configuration for the Network Interface Card. You can set TCP/IP, IP address, Subnetmask, Default gateway, IPX/SPX, and frame type.

This is only available when the optional NIC kit (GF-1010) is installed in your DP120F/DP125F.
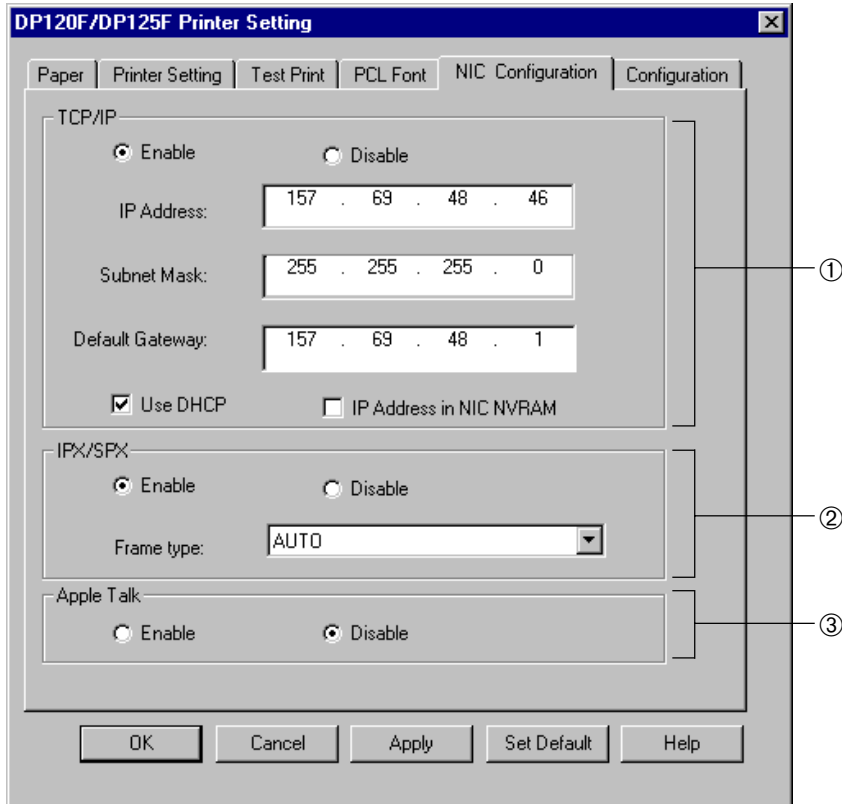
① **TCP/IP**

Set the TCP/IP configuration.

● Enable/Disable

Select enable or disable the TCP/IP.

● IP Address

This sets the IP address of the NIC.

● Subnetmask

This sets the Subnet Mask of the NIC.

● Default Gateway

This sets the Default Gateway for the NIC.

● Use DHCP

Check this to obtain the IP address automatically from the DHCP server.

● IP Address in NIC NVRAM

Check this to save an IP address that was obtained from a DHCP server.

② **IPX/SPX**

Set the IPX/SPX configuration.

● Enable/Disable

Select enable or disable the IPX/SPX.

● Frame type

Select this to set the frame type from AUTO, 8022, 8023, ETHERNET or 8023SNAP.

③ **Apple Talk**

Select enable or disable to connect through AppleTalk protocol.

TOSHIBA STATUS
DISPLAY FUNCTION

[Configuration] Tab

This displays the configuration status for the printer, and allows you to clear the print counter and set the password for the group.
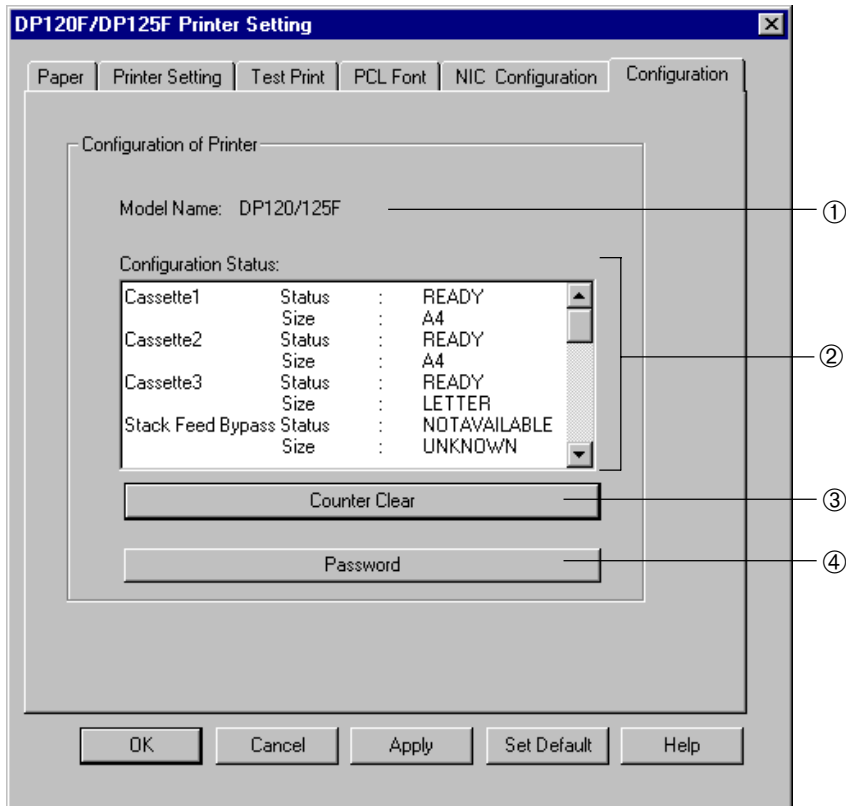
① **Printer Name**

The printer name is displayed.

② **Configuration Status**

The configuration status for the printer is displayed.

③ **Counter Clear**

Click this to clear the print counter for a group.

④ **Password**

Click this to set or change the print counter password.

Clearing Print Counter

1 **Click on [Counter Clear].**

● The [Clear the Group Count] screen appears.
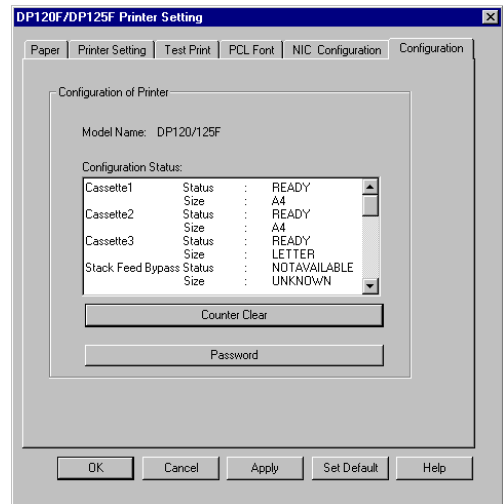
2 **Select Group Number and enter the password.**

● If you have not set the printer counter password, move the cursor to the password field and the [Clear] button will be available.
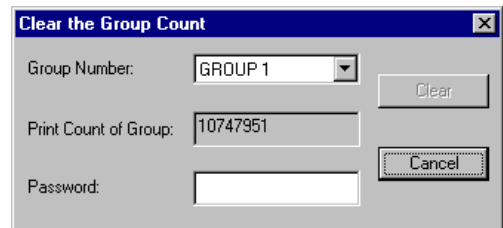
3 **Click on [Clear].**

● To cancel clearing the print counter click on [Cancel].

Changing Password

1 **Click on [Password].**

● The [Password] screen appears.

```
DP120F/DP125F Printer Setting                                      ×
 Paper | Printer Setting | Test Print | PCL Font | NIC Configuration | Configuration
 ┌─Configuration of Printer──────────────────────────────┐
 │                                                        │
 │   Model Name:  DP120/125F                              │
 │                                                        │
 │   Configuration Status:                                │
 │   ┌──────────────────────────────────────────────┐▲  │
 │   │Cassette1       Status    :    READY           ││  │
 │   │                Size      :    A4              ││  │
 │   │Cassette2       Status    :    READY           ││  │
 │   │                Size      :    A4              ││  │
 │   │Cassette3       Status    :    READY           ││  │
 │   │                Size      :    LETTER          ││  │
 │   │Stack Feed Bypass Status  :    NOTAVAILABLE    ││  │
 │   │                Size      :    UNKNOWN         │▼  │
 │   └──────────────────────────────────────────────┘   │
 │   ┌──────────────────────────────────────────────┐   │
 │   │              Counter Clear                     │   │
 │   └──────────────────────────────────────────────┘   │
 │   ┌──────────────────────────────────────────────┐   │
 │   │                 Password                       │   │
 │   └──────────────────────────────────────────────┘   │
 │                                                        │
 └────────────────────────────────────────────────────────┘
  ┌─OK─┐  ┌Cancel┐  ┌Apply┐  ┌Set Default┐  ┌Help┐
```

2 **Enter the Old Password, New Password and Confirm Password.**

● Old Password

Enter the old password.

● New Password

Enter the new password that you want to set.

● Confirm the Password

Enter the new password again for confirmation.

```
Password                                       ×
 Old Password:      [            ]      ┌─ OK ─┐

 New Password:      [            ]
                                        ┌Cancel┐
 Confirm Password:  [            ]
```
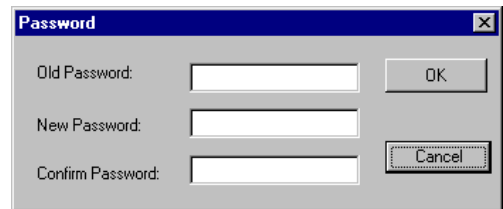
NOTE:

If you have not set the printer counter password, leave the Old password field blank.

---

3 **Click on [OK].**

● To cancel changing the password click on [Cancel].

OPERATING ON THE OPERATION PANEL

PCL OPTION

This sections describes the printer function settings on the Operation Panel of the machine. This function on the Operation Panel is only available when the Print Unit is installed on your machine.

The following are printer function items that can be configured on the Operation Panel.

DATA CLEAR: Reset the Print Unit. This is used to clear the data and initialize the Print Unit. All data that has already been received will be deleted without printing.

FORM FEED: Print the jobs that do not include the "End of Job" data. The jobs that do not include the "End of Job" data are not printed and saved in the memory of the Print Unit. This is used to print those jobs.

PRINT STATUS: Print the Configuration Page listing the PCL settings.

PRINT FONT: Print the list of PCL fonts.

CONTINUOUS FEED: Continue printing when the machine shows a warning status. When the warning status, "Load XX paper in XX Tray," is displayed on the LCD Display on the Operation Panel, the machine stops and pauses printing until the paper is loaded in the tray. This is used to force the job to print.

BYPASS SETTING: This enables or disables the bypass tray. When the bypass tray is installed in your machine, this must be set to "Enable" to use the bypass tray.

JOB CANCEL: Cancel a job in progress. This only cancels jobs in the process of printing. When a job is being received from the computer, the printer waits until the job is completely received before cancelling the job.

SUPPLEMENT:

For further details about the Operation Panel of this machine, refer to DP120F/DP125F OPERATOR'S MANUAL.

Data Clear

1 **Turn the Flip Panel to the "50-73" view and press the PCL PRINT key.**

PCL PRINT

2 **Press (1) on the Dial Keypad to select DATA CLEAR.**

```
PCL OPTION
1. DATA CLEAR
2. FORM FEED
3. PRINT STATUS
```

3 **Press (1) on the Dial Keypad to select YES.**

● To cancel the data clear, press [2] on the Dial Keypad.

```
DATA CLEAR?
1. YES
2. NO
```

4 **The data is cleared**

● The DATA CLEAR ACCEPTED message appears. After 2 sec., return to the Standby Mode.

```
DATA CLEAR ACCEPTED
```

OPERATING ON THE
OPERATION PANEL

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Form Feed

NOTE:

This function is not available if no feed data exists in memory, or other jobs which are not from the Print Unit, such as copying or printing a facsimile, are in progress. In such cases, the "NOT ALLOWED NOW" message is displayed.

1 **Turn the Flip Panel to the "50-73" view and press the PCL PRINT key.**

PCL PRINT

2 **Press (2) on the Dial Keypad to select FROM FEED.**

```
PCL OPTION
1. DATA CLEAR
2. FORM FEED
3. PRINT STATUS
```

3 **Press (1) on the Dial Keypad to select YES.**

● To cancel the form feed, press (2) on the Dial Keypad.

```
FORCED FORM FEED?
1. YES
2. NO
```

4 **Print the jobs stored in the memory.**

● The FORM FEED ACCEPTED message appears. After 2 sec., return to the Standby Mode.

```
FORM FEED ACCEPTED
```

```
MAY-12-00 FRI11:59AM
WARMING UP
RESIDUAL MEMORY 100%
PRINTING FROM PC
```

Print Status

1 **Turn the Flip Panel to the "50-73" view and press the PCL PRINT key.**

PCL PRINT

2 **Press (3) on the Dial Keypad to select PRINT STATUS.**

```
PCL OPTION
1. DATA CLEAR
2. FORM FEED
3. PRINT STATUS
```

3 **Print the Configuration Page.**

```
MAY-12-00 FRI11:59AM
WARMING UP
RESIDUAL MEMORY 100%
PRINTING FROM PC
```

OPERATING ON THE
OPERATION PANEL

SUPPLEMENT:

You can print the Configuration Page using the TOSHIBA Status Display as well. See "TOSHIBA STATUS DISPLAY FUNCTION - [Test Print] Tab" for a sample of the Configuration Page.

Print Font

1 **Turn the Flip Panel to the "50-73" view and press the PCL PRINT key.**

PCL PRINT
⬡

2 **Press** (4) **on the Dial Keypad to select PRINT STATUS.**

● Items 4 to 5 are outside of the LCD frame. Use ⬇ or ⬆ to display and highlight the desired item.

```
PCL OPTION
2. FORM FEED
3. PRINT STATUS
4. PRINT FONT
```

3 **Print the PCL Font Lists.**

```
MAY-12-00 FRI11:59AM
WARMING UP
RESIDUAL MEMORY 100%
PRINTING FROM PC
```

Continuous Feed

NOTE:

This function is not available while a print job is in the process of printing. In this case, the "NOT ALLOWED NOW" message is displayed.

SUPPLEMENTS:

- When "Auto Continue" is set to "0", the warning status is not displayed.
- When "Auto Continue" is set to a value other than "0", the warning status is displayed for the time set in "Auto Continue."
- This function is the same as the action which occurs when the "Auto Continue" time interval expires.

For further details about "Auto Continue," see "TOSHIBA STATUS DISPLAY FUNCTION - [Printer Setting] Tab."

1 **The warning status is displayed on the LCD Display.**

```
MAY-12-00 FRI11:59AM


RESIDUAL MEMORY 100%
LOAD A4 IN BYPASS
```

2 **Turn the Flip Panel to the "50-73" view and press the PCL PRINT key.**

PCL PRINT

3 **Press** (5) **on the Dial Keypad to select CONTINUOUS FEED.**

- Items 4 to 5 are outside of the LCD frame. Use ⬆ or ⬇ to display and highlight the desired item.

```
PCL OPTION
3. PRINT STATUS
4. PRINT FONT
5. CONTINUOUS FEED
```

4 **Print the job.**

```
MAY-12-00 FRI11:59AM
WARMING UP
RESIDUAL MEMORY 100%
PRINTING FROM PC
```

Bypass Setting

When the Bypass Tray is installed in your machine, this item must be set to "Enable".

1 **Turn the Flip Panel to the "50-73" view and press the PCL PRINT key.**

PCL PRINT

2 **Press** (6) **on the Dial Keypad to select BYPASS SETTING.**

● Items 4 to 5 are outside of the LCD frame. Use ⌃ or ⌄ to display and highlight the desired item.

```
PCL OPTION
4. PRINT FONT
5. CONTINUOUS FEED
6. BYPASS SETTING
```

3 **Press** (1) **on the Dial Keypad to select ENABLE.**

Press (2) **on the Dial Keypad to select DISABLE.**

● ENABLE: When the Bypass tray is installed, select this.
● DISABLE: When the Bypass tray is not installed, select this.

```
BYPASS SETTING
1. ENABLE
2. DISABLE
```

4 **The Bypass Setting is completed.**

● The OPERATION COMPLETED message appears. After 2 sec., return to the Standby Mode.

```
OPERATION COMPLETED
```

Job Cancel

1 **In Standby Mode, press JOB CANCEL key.**

JOB CANCEL

2 **Press ① on the Dial Keypad to select PCL PRINT.**

```
JOB CANCEL
1. PCL PRINT
2. JOB NUMBER
```

SUPPLEMENT:

The menu items for JOB CANCEL may vary according to the number of jobs reserved for printing. If PCL PRINT is not 1 and it is not shown in the LCD frame, use ⬆ or ⬇ to display and highlight PCL PRINT. Then press the number of PCL PRINT or ENTER↵.

3 **Press ENTER↵.**

```
PCL PRINT
```

4 **Press ① on the Dial Keypad to cancel the print job.**

● To exit without canceling the job, press ② on the Dial Keypad.

```
CANCEL ?

1. YES
2. NO
```

5 **The job is canceled.**

● Return to Standby Mode.

TROUBLESHOOTING

WHEN AN ERROR MESSAGE IS DISPLAYED...

When an error message is displayed on the Status Display, please find the error in the column of "Error Message Displayed," then follow the instructions in the column of "Action."

TOSHIBA Status Display Error Messages

Error Message Displayed	Action
Fatal Error on Controller Memory	Turn off the power and call for service.
Fatal Error on Controller NVRAM	Turn off the power and call for service.
Fatal Error on Memory	Turn off the power and call for service.
Fatal Error on Fan Motor	Turn off the power and call for service.
Fatal Error on Fuser	Turn off the power and call for service.
Fatal Error on Scanner	Turn off the power and call for service.
Fatal Error on Main Motor	Turn off the power and call for service.
Fatal Error on NIC	Turn off the power and call for service.
Fatal Error on Flash ROM Checksum Error	Turn off the power and call for service.
Fatal Error on Engine I/F	Turn off the power and call for service.
Fatal Error on Controller Option Memory	Turn off the power and call for service.
Paper Empty on Stack Feed Bypass	Load the paper on Stack Feed Bypass
Paper Empty on Cassette1	Load the paper on Cassette 1
Paper Empty on Cassette2	Load the paper on Cassette 2
Paper Empty on Cassette3	Load the paper on Cassette 3
Paper Ejection Error	Clear the paper jam at the paper exit.
Paper Jam on Printer Inside	Open the Main Cover and clear the paper jam.
Paper Insertion Error	Clear the paper jam at the paper feeding entrance.
NIC Card Not Available	-
NIC Card Not Ready	-
Main Cover Open	Close the Main Cover.
Toner Empty	Please change Toner.
No Tray	Check if the Tray is mounted correctly.
Change Drum	Replace the Process Unit.
No Process Unit	Set the Process Unit.
Data Transfer Error on Network	Transfer again
Job too Complex	1. Set the Page Protection ON. 2. Print the data with lower resolution. 3. Simplify the job. 3. Add the optional memory.
Memory Overflow	1. Simplify the job. 2. Add the optional memory
Drum Life	Prepare a new drum cartridge.
Paper Length Mismatch	1. Load the correct paper. 2. Select the correct tray.
Toner Low	Prepare a new toner cartridge.

Error Message Displayed	Action
Load A4 on Cassette1	Load A4 size paper on Cassette 1.
Load Letter on Cassette1	Load Letter size paper on Cassette 1.
Load Legal on Cassette1	Load Legal size paper on Cassette 1.
Load A4 on Cassette2	Load A4 size paper on Cassette 2.
Load Letter on Cassette2	Load Letter size paper on Cassette 2.
Load Legal on Cassette2	Load Legal size paper on Cassette 2.
Load A4 on Cassette3	Load A4 size paper on Cassette 3.
Load Letter on Cassette3	Load Letter size paper on Cassette 3.
Load Legal on Cassette3	Load Legal size paper on Cassette 3.
Load A4 on Stack Feed Bypass	Load A4 size paper on Stack Feed Bypass.
Load Letter on Stack Feed Bypass	Load Letter size paper on Stack Feed Bypass.
Load Legal on Stack Feed Bypass	Load Legal size paper on Stack Feed Bypass.
Load A5 on Stack Feed Bypass	Load A5 size paper on Stack Feed Bypass.
Load B5 on Stack Feed Bypass	Load B5 size paper on Stack Feed Bypass.
Load FOLIO on Stack Feed Bypass	Load FOLIO size paper on Stack Feed Bypass.
Load Statement on Stack Feed Bypass	Load Statement size paper on Stack Feed Bypass.
Load COM10 on Stack Feed Bypass	Load COM10 size paper on Stack Feed Bypass.
Load Monarch on Stack Feed Bypass	Load Monarch size paper on Stack Feed Bypass.
Load A4	Load A4.
Load Letter any Tray	Load Letter.
Load Legal any Tray	Load Legal.
Data Existing	-
Processing	-
Warming Up	Wait for a while.
Canceling	Wait for a while.
Printer Ready	-
Printing	-
Waiting	Wait for a while.
Initializing	Wait for a while.
Using By Another Job	Wait for a while.
Printer Power Off or Communication Error	1. Power on the printer.
	2. Check if the cable is connected property.

WHEN PRINTING CANNOT BE PERFORMED...

When printing is not activated even after commanded from the computer, check the following:

Check Item	Action
Is the power ON?	Turn ON the power of the machine.
Is the printer cable disconnected?	Connect the printer cable correctly.
Is an appropriate printer cable used?	Please use an appropriate printer cable. When you guess the cable is cut, replace it with a new one. The printer cable varies depending on the computer to be connected. See "PRINTER CABLE SPECIFICATIONS" .
Is paper set?	Set paper in the required cassette.
Is any error message displayed?	Confirm the error message, then do the required action.

NOTES:

✽ After performing any of the actions above, do the Test Print. See "[Test Print] Tab" .

If the Test Printing cannot be performed, please call for service.

✽ If the printer is used on a network, ask the network administrator.

SPECIFICATIONS, AND OTHERS

SPECIFICATIONS OF THE PRINTER UNIT

Item	Specifications
Product Name	GA-1020
Print Speed	Max. 12 pages/minute
Paper Size	A4, A5, B5, FOLIO, LEGAL, LETTER, STATEMENT, COM10, MONARCH (A5, B5, FOLIO, STATEMENT, COM10, MONARCH is available for DP120F when optional Bypass Tray is installed.)
Interface	Conforming to IEEE-P1284 (Standard, Nibble Mode, ECP Mode)
Memory	Standard: SDRAM 8 Megabytes
Emulation	PCL-5e, PCL-XL
PCL Fonts	80 Roman Fonts

Applicable Computers:	IBM PC/AT computer and compatible.
	Display Resolution: 640 x 480 dpi or more
	OS:
	  Microsoft Windows 95 Operating System
	  Microsoft Windows 98 Operating System
	  Microsoft Windows NT Workstation Operating System 4.0
	  Microsoft Windows NT ServerNetwork Operating System 4.0

The following table shows the internal PCL fonts of this printer:

Font Number	Typeface	Pitch/Point	Escape Sequence
000	Courier	Scale	<esc>(###<esc>(s0p***h0s0b4099T
001	CG Times	Scale	<esc>(###<esc>(s1p$$$v0s0b4101T
002	CG Times Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b4101T
003	CG Times Italic	Scale	<esc>(###<esc>(s1p$$$v1s0b4101T
004	CG Times Bold Italic	Scale	<esc>(###<esc>(s1p$$$v1s3b4101T
005	CG Omega	Scale	<esc>(###<esc>(s1p$$$v0s0b4113T
006	CG Omega Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b4113T
007	CG Omega Italic	Scale	<esc>(###<esc>(s1p$$$v1s0b4113T
008	CG Omega Bold Italic	Scale	<esc>(###<esc>(s1p$$$v1s3b4113T
009	Coronet	Scale	<esc>(###<esc>(s1p$$$v1s0b4116T
010	Clarendon Condensed	Scale	<esc>(###<esc>(s1p$$$v4s3b4140T
011	Univers Medium	Scale	<esc>(###<esc>(s1p$$$v0s0b4148T
012	Univers Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b4148T
013	Univers Medium Italic	Scale	<esc>(###<esc>(s1p$$$v1s0b4148T
014	Univers Bold Italic	Scale	<esc>(###<esc>(s1p$$$v1s3b4148T
015	Univers Medium Condensed	Scale	<esc>(###<esc>(s1p$$$v4s0b4148T
016	Univers Bold Condensed	Scale	<esc>(###<esc>(s1p$$$v4s3b4148T
017	Univers Medium Condensed Italic	Scale	<esc>(###<esc>(s1p$$$v5s0b4148T
018	Univers Bold Condensed Italic	Scale	<esc>(###<esc>(s1p$$$v5s3b4148T
019	Antique Olive	Scale	<esc>(###<esc>(s1p$$$v0s0b4168T
020	Antique Olive Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b4168T
021	Antique Olive Italic	Scale	<esc>(###<esc>(s1p$$$v1s0b4168T
022	Garamond Antiqua	Scale	<esc>(###<esc>(s1p$$$v0s0b4197T
023	Garamond Halbfett	Scale	<esc>(###<esc>(s1p$$$v0s3b4197T
024	Garamond Kursiv	Scale	<esc>(###<esc>(s1p$$$v1s0b4197T
025	Garamond Kursiv Halbfett	Scale	<esc>(###<esc>(s1p$$$v1s3b4197T
026	Marigold	Scale	<esc>(###<esc>(s1p$$$v0s0b4297T
027	Albertus Medium	Scale	<esc>(###<esc>(s1p$$$v0s1b4362T
028	Albertus Extra Bold	Scale	<esc>(###<esc>(s1p$$$v0s4b4362T
029	Arial	Scale	<esc>(###<esc>(s1p$$$v0s0b16602T
030	Arial Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b16602T
031	Arial Italic	Scale	<esc>(###<esc>(s1p$$$v1s0b16602T
032	Arial Bold Italic	Scale	<esc>(###<esc>(s1p$$$v1s3b16602T
033	Times New	Scale	<esc>(###<esc>(s1p$$$v0s0b16901T
034	Times New Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b16901T
035	Times New Italic	Scale	<esc>(###<esc>(s1p$$$v1s0b16901T
036	Times New Bold Italic	Scale	<esc>(###<esc>(s1p$$$v1s3b16901T
037	Helvetica	Scale	<esc>(###<esc>(s1p$$$v0s0b24580T
038	Helvetica Bold	Scale	<esc>(###<esc>(s1p$$$v0s3b24580T
039	Helvetica Oblique	Scale	<esc>(###<esc>(s1p$$$v1s0b24580T
040	Helvetica Bold Oblique	Scale	<esc>(###<esc>(s1p$$$v1s3b24580T
041	Helvetica Narrow	Scale	<esc>(###<esc>(s1p$$$v4s0b24580T
042	Helvetica Narrow Bold	Scale	<esc>(###<esc>(s1p$$$v4s3b24580T
043	Helvetica Narrow Oblique	Scale	<esc>(###<esc>(s1p$$$v5s0b24580T

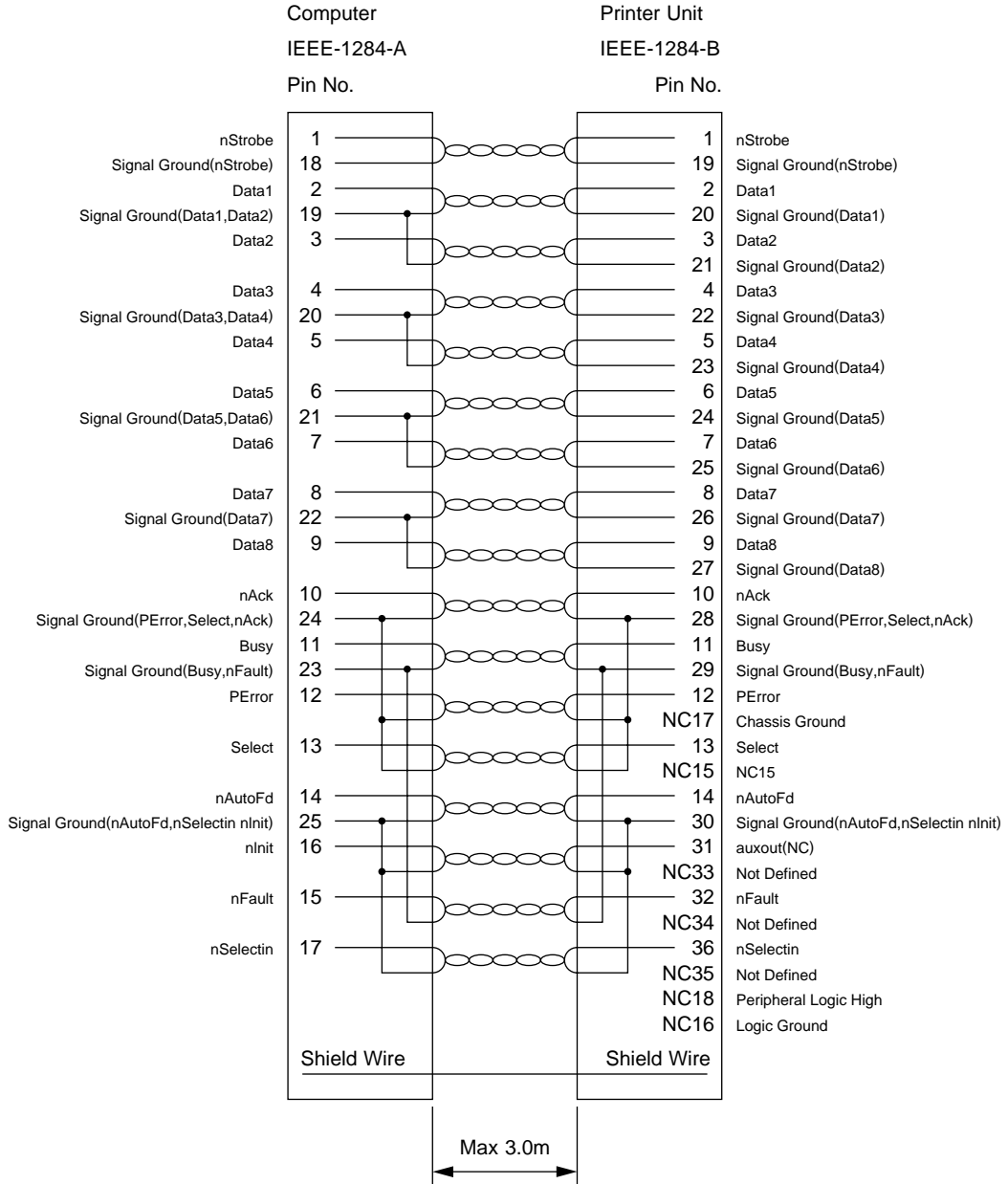### Symbol set, *** Pitch : .10 - 576, $$$ Point Size : .25 - 999.75

Font Number	Typeface	Pitch/Point	Escape Sequence
044	*Helvetica Narrow Bold Oblique*	Scale	<esc>(###<esc>(s1p$$$v5s3b24580T
045	Palatino Roman	Scale	<esc>(###<esc>(s1p$$$v0s0b24591T
046	**Palatino Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b24591T
047	*Palatino Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b24591T
048	***Palatino Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b24591T
049	ITC Avant Garde Gothic Book	Scale	<esc>(###<esc>(s1p$$$v0s0b24607T
050	**ITC Avant Garde Gothic Demi**	Scale	<esc>(###<esc>(s1p$$$v0s2b24607T
051	*ITC Avant Garde Gothic Book Oblique*	Scale	<esc>(###<esc>(s1p$$$v1s0b24607T
052	***ITC Avant Garde Gothic Demi Oblique***	Scale	<esc>(###<esc>(s1p$$$v1s2b24607T
053	ITC Bookman Light	Scale	<esc>(###<esc>(s1p$$$v0s-3b24623T
054	**ITC Bookman Demi**	Scale	<esc>(###<esc>(s1p$$$v0s2b24623T
055	*ITC Bookman Light Italic*	Scale	<esc>(###<esc>(s1p$$$v1s-3b24623T
056	***ITC Bookman Demi Italic***	Scale	<esc>(###<esc>(s1p$$$v1s2b24623T
057	New Century Schoolbook Roman	Scale	<esc>(###<esc>(s1p$$$v0s0b24703T
058	**New Century Schoolbook Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b24703T
059	*New Century Schoolbook Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b24703T
060	***New Century Schoolbook Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b24703T
061	Times Roman	Scale	<esc>(###<esc>(s1p$$$v0s0b25093T
062	**Times Bold**	Scale	<esc>(###<esc>(s1p$$$v0s3b25093T
063	*Times Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b25093T
064	***Times Bold Italic***	Scale	<esc>(###<esc>(s1p$$$v1s3b25093T
065	*ITC Zapf Chancery Medium Italic*	Scale	<esc>(###<esc>(s1p$$$v1s0b45099T
066	ITC Zapf Dingbats☆✲✢ ✳❂▢✲ ✤✲■✳❂❁▼▲	Scale	<esc>(14L<esc>(s1p$$$v4s0b45101T
067	SymbolΣψμβολ	Scale	<esc>(19M<esc>(s1p$$$v0s0b16686T
068	SymbolPSΣψμβολΠΣ	Scale	<esc>(19M<esc>(s1p$$$v0s0b45358T
069	Wingdings✞✝■⛎♌⚖✝■♌✦	Scale	<esc>(579L<esc>(s1p$$$v0s0b31402T
070	**Courier Bold**	Scale	<esc>(###<esc>(s0p***h0s3b4099T
071	*Courier Italic*	Scale	<esc>(###<esc>(s0p***h1s0b4099T
072	***Courier Bold Italic***	Scale	<esc>(###<esc>(s0p***h1s3b4099T
073	Letter Gothic	Scale	<esc>(###<esc>(s0p***h0s0b4102T
074	**Letter Gothic Bold**	Scale	<esc>(###<esc>(s0p***h0s3b4102T
075	*Letter Gothic Italic*	Scale	<esc>(###<esc>(s0p***h1s0b4102T
076	CourierPS	Scale	<esc>(###<esc>(s0p***h0s0b24579T
077	**CourierPS Bold**	Scale	<esc>(###<esc>(s0p***h0s3b24579T
078	*CourierPS Oblique*	Scale	<esc>(###<esc>(s0p***h1s0b24579T
079	***CourierPS Bold Oblique***	Scale	<esc>(###<esc>(s0p***h1s3b24579T
080	Line Printer	16.67/8.5	<esc>(0N<esc>(s0p16.67h8.5v0s0b0T
081	Line Printer	16.67/8.5	<esc>(1U<esc>(s0p16.67h8.5v0s0b0T
082	Line Printer	16.67/8.5	<esc>(2N<esc>(s0p16.67h8.5v0s0b0T
083	Line Printer	16.67/8.5	<esc>(3R<esc>(s0p16.67h8.5v0s0b0T
084	Line Printer	16.67/8.5	<esc>(5N<esc>(s0p16.67h8.5v0s0b0T
085	Line Printer	16.67/8.5	<esc>(6N<esc>(s0p16.67h8.5v0s0b0T
086	Line Printer	16.67/8.5	<esc>(8U<esc>(s0p16.67h8.5v0s0b0T
087	Line Printer	16.67/8.5	<esc>(10U<esc>(s0p16.67h8.5v0s0b0T
088	Line Printer	16.67/8.5	<esc>(11U<esc>(s0p16.67h8.5v0s0b0T
089	Line Printer	16.67/8.5	<esc>(12U<esc>(s0p16.67h8.5v0s0b0T

Symbol set, *** Pitch : .10 - 576, $$$ Point Size : .25 - 999.75

PRINTER CABLE SPECIFICATIONS

IBM PC/AT

Computer				Printer Unit	
IEEE-1284-A				IEEE-1284-B	
Pin No.				Pin No.	

Signal	Pin		Pin	Signal
nStrobe	1		1	nStrobe
Signal Ground(nStrobe)	18		19	Signal Ground(nStrobe)
Data1	2		2	Data1
Signal Ground(Data1,Data2)	19		20	Signal Ground(Data1)
Data2	3		3	Data2
			21	Signal Ground(Data2)
Data3	4		4	Data3
Signal Ground(Data3,Data4)	20		22	Signal Ground(Data3)
Data4	5		5	Data4
			23	Signal Ground(Data4)
Data5	6		6	Data5
Signal Ground(Data5,Data6)	21		24	Signal Ground(Data5)
Data6	7		7	Data6
			25	Signal Ground(Data6)
Data7	8		8	Data7
Signal Ground(Data7)	22		26	Signal Ground(Data7)
Data8	9		9	Data8
			27	Signal Ground(Data8)
nAck	10		10	nAck
Signal Ground(PError,Select,nAck)	24		28	Signal Ground(PError,Select,nAck)
Busy	11		11	Busy
Signal Ground(Busy,nFault)	23		29	Signal Ground(Busy,nFault)
PError	12		12	PError
			NC17	Chassis Ground
Select	13		13	Select
			NC15	NC15
nAutoFd	14		14	nAutoFd
Signal Ground(nAutoFd,nSelectin nInit)	25		30	Signal Ground(nAutoFd,nSelectin nInit)
nInit	16		31	auxout(NC)
			NC33	Not Defined
nFault	15		32	nFault
			NC34	Not Defined
nSelectin	17		36	nSelectin
			NC35	Not Defined
			NC18	Peripheral Logic High
			NC16	Logic Ground
Shield Wire				Shield Wire	

Max 3.0m

SPECIFICATIONS AND OTHER

NOTE: The printer cable must be shield-structured.

TOSHIBA TEC CORPORATION

1-1, KANDA NISHIKI-CHO, CHIYODA-KU, TOKYO, 101-8442, JAPAN