

PagePro 1100L

User Manual

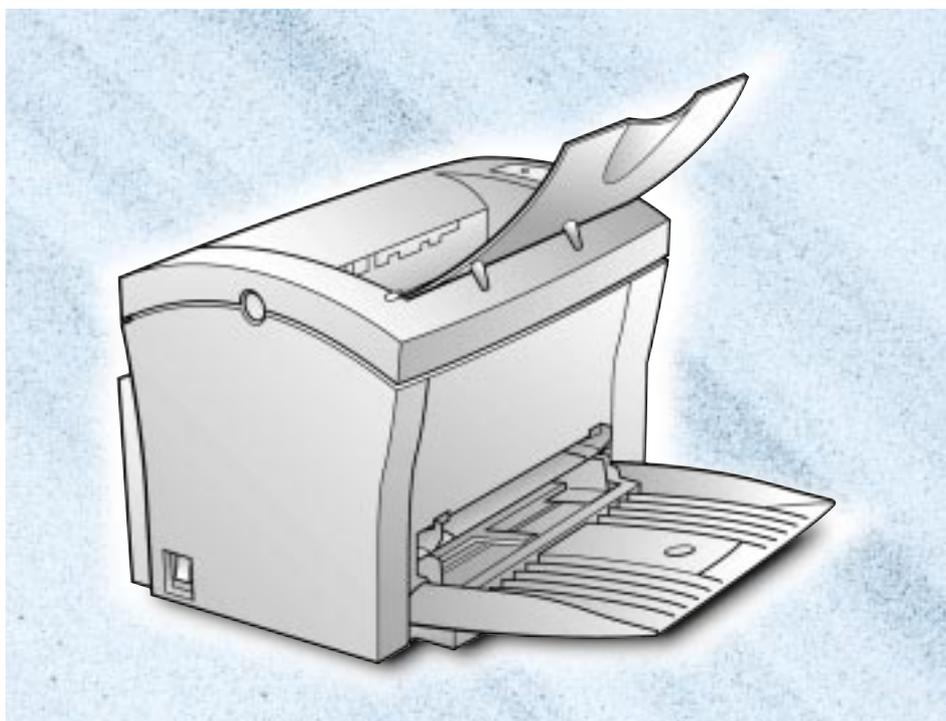


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1 Introduction

1.1 Welcome to Minolta

Thank you for your decision to purchase a Minolta laser printer.

To achieve the best possible results and to use your laser printer effectively, this User's Manual provides you with information on the following topics:

- installing the printer driver,
- working with the printer drivers and tools,
- working with the printer,
- caring for and maintaining your printer,
- troubleshooting.

Read this User's Manual carefully before operating your printer for the first time, and always keep the manual within easy reach.

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1.2 Roadmap of this manual

Where to find what in this User's Manual

You don't know exactly where to find the information you need? The following table is designed to help you.

Alternatively, to find information on a specific problem quickly and precisely, please refer to the index at the end of the User's Manual.

No.	Title of chapter	Content of chapter
	Table of contents	A complete list of all the chapters and sub-chapters in this User's Manual.
1	Introduction	Introductory remarks and information on how to use this manual as well as notes on the safe use of the printer.
2	Unpacking, installing and setting up the printer	Information on how to set up the printer as well as an introduction to the various features.
3	Installing the printer driver	A step-by-step explanation of the routine for installing the printer driver.
4	Working with the printer driver	Details of how to control the printer via the printer driver. This helps you learn how to use the printer's functions effectively.
5	Working with the Status Display	Details of how to use the printer Status Display for Windows.
6	Working with the Printer Console	Details of how to use the supplementary printer programs for Windows effectively.
7	Working with the printer	Getting to know how your printer works. For example, information on: <ul style="list-style-type: none"> • loading paper • monitoring print jobs • cancelling print jobs
8	Installing optional accessories	Details of how to install optional accessories correctly, e.g.: <ul style="list-style-type: none"> • 500-sheet paper feed tray
9	Caring for and maintaining your printer	Details of how to look after your printer and how you can easily replace certain parts yourself.
10	Troubleshooting	Help with analysing and rectifying faults.
11	Appendix	A collection of helpful additional information, e.g.: <ul style="list-style-type: none"> • technical specification • index of keywords

Brief explanation of special type styles and method of presentation

Special type styles and methods of presentation are used in this User's Manual to highlight various circumstances. The following examples will help you to recognize and deal with the most important of these.



CAUTION

This is a warning!

A warning alerts you to danger to life and limb or to damage that could result to the machine by treating it improperly.

- The arrow refers you to safety measures that must be taken to prevent the hazard.

[MENU] key on the control panel / button on the printer driver with the description "Menu"

- Single action to be performed (there are no other steps)

1 Step 1 of a series of actions

2 Step 2 of a series of actions, etc.

? *Help is available here.*

- The approach that is suggested here is sure to get you to your desired result.

Here you can see what has to be done.



This is a helpful tip

Text passages that are identified in this manner provide you with tricks and handy tips to make it even easier to work with the printer.

1.3 Working safely with your laser printer

Notes on your safety and operating safety

Working improperly with the printer can result in health hazards, electric shocks and even fires. Before you unpack the laser printer, you should make yourself familiar with this information on your safety and operating safety.



CAUTION

Observe the following information:

- Make sure that the power cable is correctly plugged into the socket and that the socket is at all times visible and readily accessible.
- Do not pull on the cable to pull the power plug out of the socket as this may damage the cable. The result could be an electric shock or a fire.
- Remove the power plug from the socket if the machine will not be in use for an extended period of time.
- Do not remove the power cable from the socket with wet hands as this may result in an electric shock.
- Do not move the unit unless the power cable has been removed from the socket. Otherwise you may damage the cable. The result could be a short-circuit or a fire.
- Do not place any heavy objects on the power cable. Do not pull or kink the cable as this can result in damage to the cable. The result could be an electric shock or a fire.
- Make sure that the machine is not standing on a cable to another machine as this can result in damage to that cable. The result could be a fire or improper functioning of the unit in question.
- Make sure that the power supply to the unit has the correct voltage. Otherwise the result could be a fire or an electric shock.
- Switch off the unit immediately and unplug the power cable if the power supply cable is damaged. Failure to do so could result in a fire or an electric shock. Inform your customer support technical specialist.
- Use only extension cables that are designed for at least the maximum power rating of the machine. Extension cables with lower ratings can result in the unit overheating and can even lead to a fire.

- Perform only the procedures that are described in this manual. Using the machine improperly can result in a fire or an electric shock.
 - Do not place any heavy objects on the machine.
 - Do not open any covers on the machine while printing is in progress.
 - Do not switch off the unit while printing is in progress.
 - Do not place any magnetic objects near the machine.
 - Do not use any flammable sprays, liquids or gases in the vicinity of the machine.
 - Do not remove any safety devices and do not alter the construction of the machine. The unit is equipped with high-voltage components. Using the machine improperly can result in a fire or an electric shock.
 - Do not insert any paper clips, staples or other small metal objects into openings on the machine. The result could be an electric shock or a fire. If metal pieces are fed into the machine, switch it off immediately, disconnect the power cable and inform your customer support technical specialist.
 - Do not place coffee cups, drinks bottles or other containers with liquids in them on the machine. If liquid enters the machine the result could be an electric shock or a fire. If liquid does get into the machine, switch it off immediately, disconnect the power cable and inform your customer support technical specialist.
 - If the machine becomes unusually hot, or if you notice smoke or an unusual odour coming from the machine, switch it off immediately and remove the power cable from the socket. Inform your customer support technical specialist.
-

Laser safety

This printer is equipped with a laser. If the printer is used in accordance with the instructions in this User's Manual, the laser presents no danger.

The radiation emitted is completely absorbed and attenuated by the case. The laser radiation cannot escape at any time during the printing procedure.

This laser printer is categorized as a Class 1 printer. This classification means that the printer does not produce any hazardous laser radiation.

Internal laser radiation

Average radiation output:

0.6 mW at the laser aperture of the print head unit.

Wavelength: 770-810 nm

This device works with a laser diode of class 3b with invisible laser radiation. The laser diode and the polygon mirror for sampling are integrated in the print head unit.

The print head unit is NOT AN ITEM TO BE MAINTAINED ON SITE. You should therefore not open it under any circumstances.



CAUTION

Dangerous laser radiation!

Using the printer in a manner other than as indicated in this manual may result in exposure to dangerous radiation.

- Use the printer only according to the instructions contained in this User's Manual.
-

This is a semiconductor laser printer. The maximum radiation output of the laser diode is 5 mW. The wavelength is 770-810 nm.

2 Unpacking, installing and setting up the printer

2.1 Unpacking your laser printer



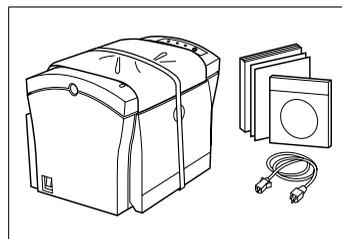
CAUTION

Plastic packaging materials are dangerous for children!

→ After unpacking, keep the packaging materials out of reach of children.

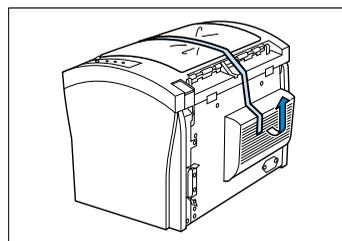
- 1 Remove the printer and accessories from the box.

- Printer
- User's Manual
- CD-ROM
- Power cable
- Guarantee card
- Registration card

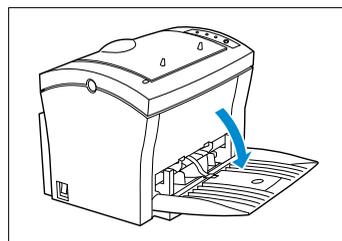


- 2 Remove the packaging material from the printer.

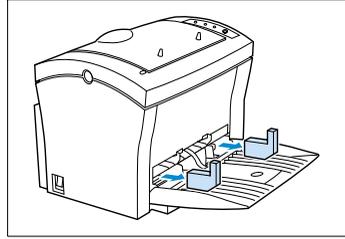
- 3 Remove the transport strap from the printer.



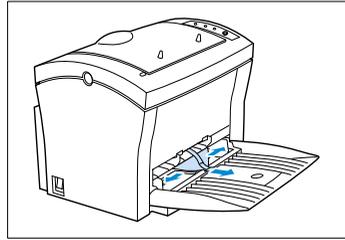
- 4 Fold down paper feed tray 1.



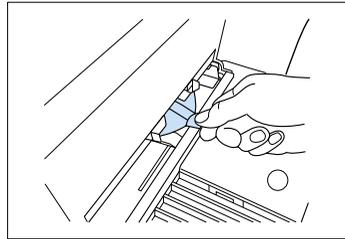
- 5 Remove the two transport pads from the paper feed tray.



- 6 Slide the two paper guides outwards.



- 7 Pull on the plastic tab to remove the transport strip from the paper feed tray.

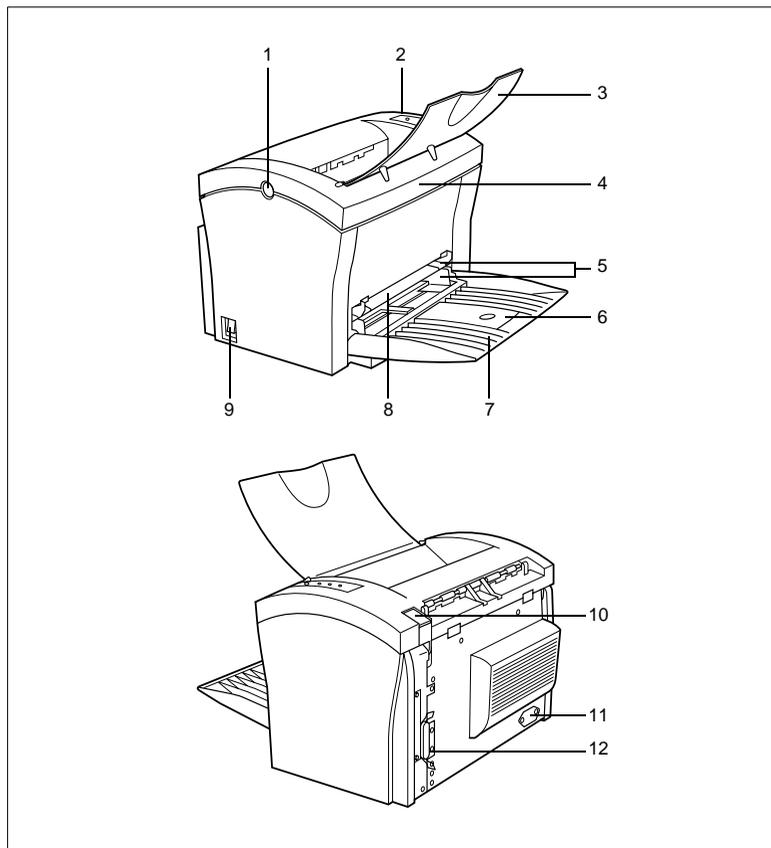


Why keep packaging materials?

If you need to transport the printer, you can reuse the packaging. This will ensure that your printer is safely and correctly packed.

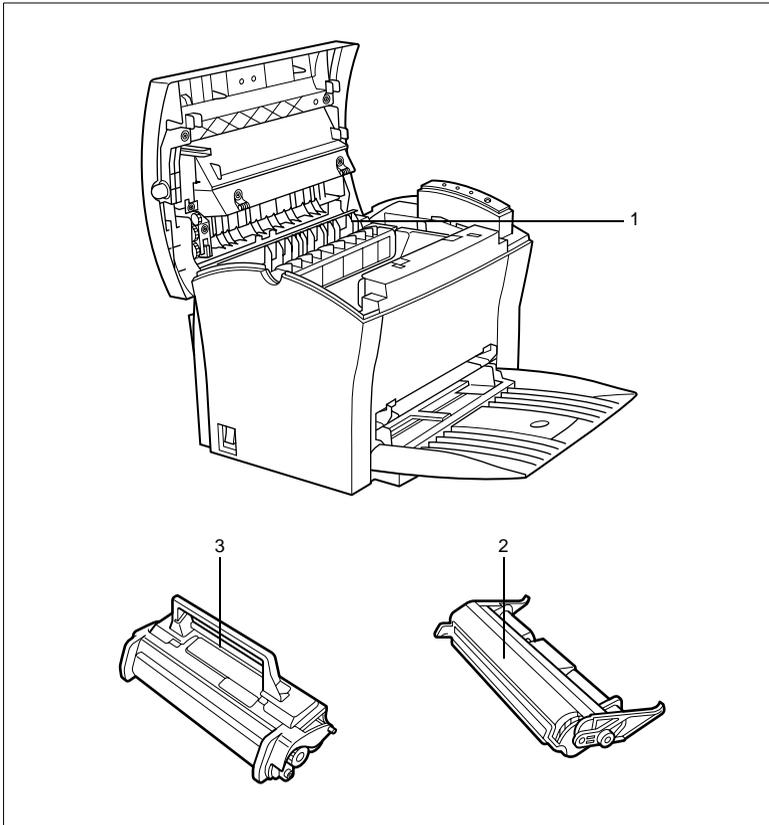
2.2 Overview of the printer

External features

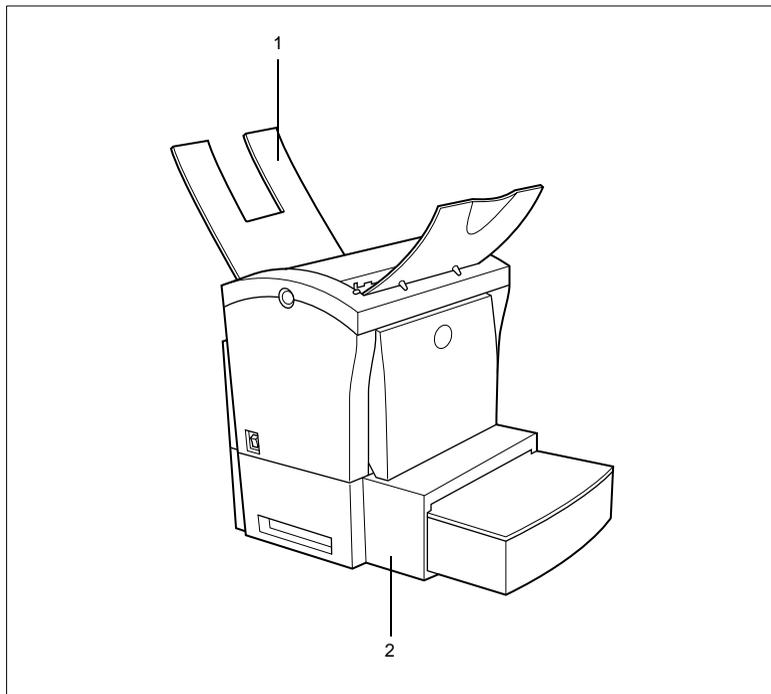


No.	Description	No.	Description
1	Release button for top cover	7	Paper feed tray 1 (multipurpose tray)
2	Control panel	8	Manual paper feed unit
3	Paper output tray (printed side down)	9	Power Switch (ON/OFF)
4	Top Cover	10	Paper output selector switch (printed side up/down)
5	Paper guides	11	Socket for power cable
6	Extending paper support	12	Parallel port

Inside the printer

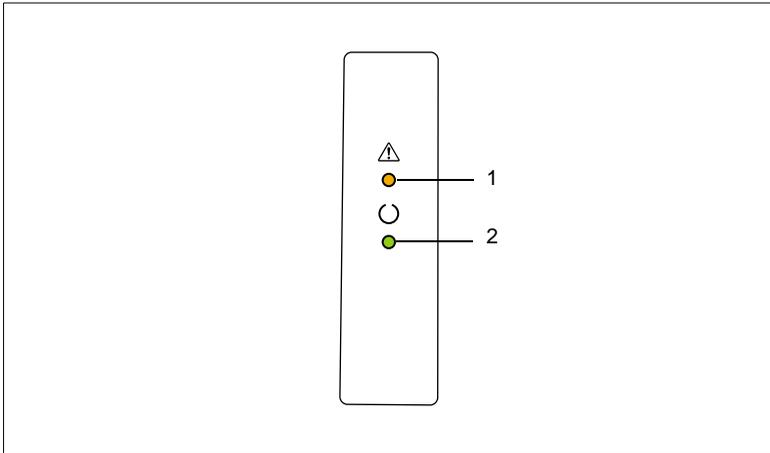


No.	Description	No.	Description
1	Fusing unit	3	Toner cartridge
2	Image transfer roller		

Optional accessories

No.	Description	No.	Description
1	Paper output tray (printed side up)	2	Paper feed tray (500-sheet capacity)

Printer control panel



The control panel has two indicator lamps.

No.	Description	No.	Description
1	Fault lamp (amber)	3	Stand-by lamp (green)

For further information on the control panel, see page 10-15.

2.3 Installing your laser printer

Place of installation

The printer should be set up in a place which is:

- dry and free from dust,
- on a stable surface,
- well ventilated,
- well clear of highly flammable items, e.g. curtains,
- clear of objects which might obstruct the printer's ventilation slits,
- near to an easily accessible power socket.

The printer must be positioned such that it cannot be adversely affected by the following:

- splashing liquids,
- organic gases, e.g. ammonia,
- direct sunlight,
- severe temperature fluctuations,
- exhaust-air from heating, ventilation or air-conditioning systems.

Storage of consumables and accessories

Printing consumables and accessories should be kept:

- sealed in their original packagings,
- protected against direct sunlight or heat,
- protected against fluorescent light,
- in a cool, dry and dust-free place,
- out of reach of children.



CAUTION

Toner poses a health hazard!

Toner is harmful if swallowed.

- If you swallow toner, consult a doctor immediately.
 - If you get toner on your hands, wash them immediately with cold water and soap.
-

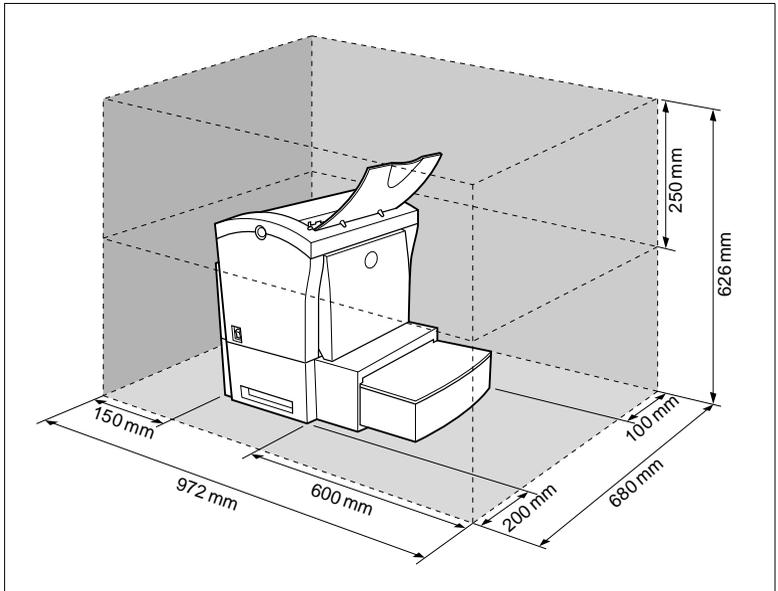
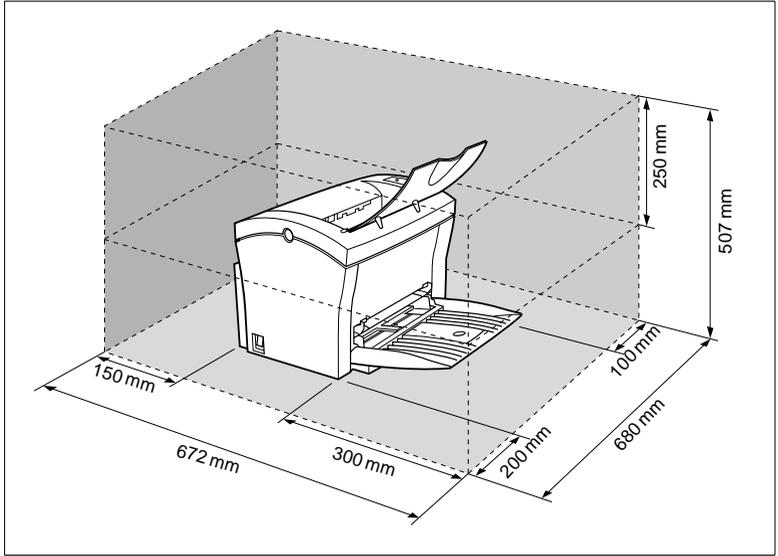
Ambient conditions

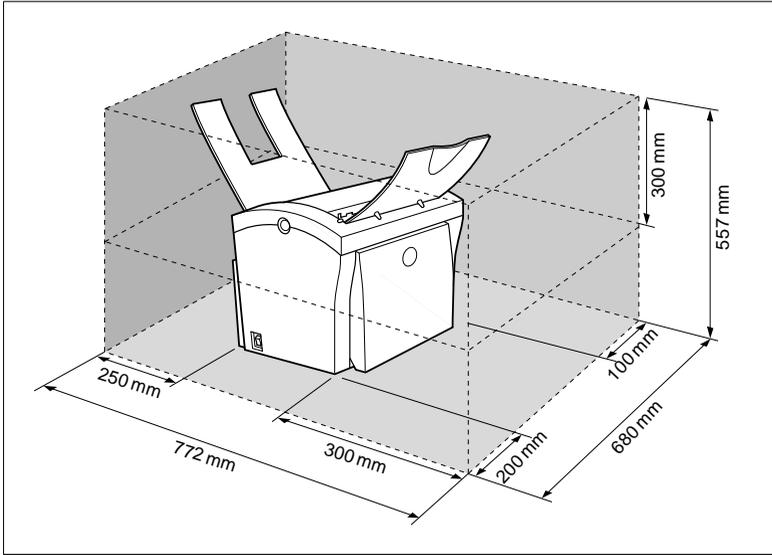
The optimum ambient conditions for your printer are as follows:

- Temperature range 10°C to 35°C
(fluctuations max. 10°C per hour);
- Humidity range 15% to 85%
(fluctuations max. 20% per hour).

Space required

Make certain that there is enough space available around the printer (see illustration). This will facilitate operation, reloading paper and toner, and maintenance of the printer.



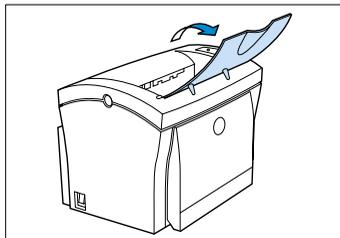


2.4 Setting up your laser printer

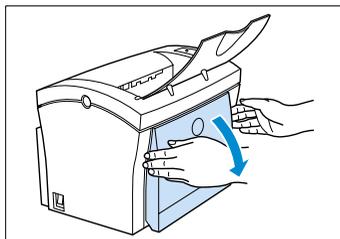
Setting up paper feed tray 1

Set the feed tray for the required paper format.

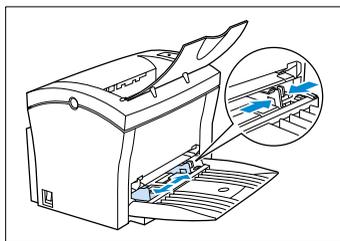
- 1 Lift up the paper output tray.



- 2 Fold down the paper feed tray.



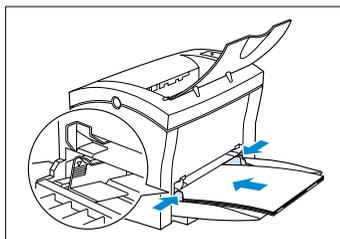
- 3 Press the right-hand paper guide together in order to release the guide. Slide the guide outwards as far as it will go.



- 4 Place the paper between the paper guides. Slide the guides up to the stack of paper.

? *How many sheets may I place on the tray?*

- The stack of paper should not rise above the "max." mark.



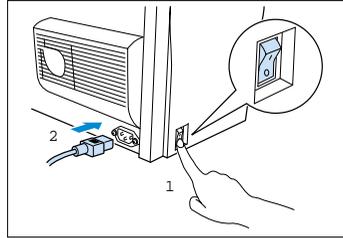
Connecting the power cable

Only use the power cable supplied with the printer!

The laser printer requires a non-fluctuating power supply. If necessary, ask an electrician for advice.

- ✓ Mains voltage: 220-240 V \pm 10%
- ✓ Mains frequency: 50-60 Hz \pm 0.3%

- 1 Make sure that the printer's power switch is in the "0" position (OFF).
- 2 Insert the plug on the end of the power cable (supplied) into the power socket of the printer.
- 3 Insert the other end of the power cable into a power socket.



CAUTION

Using the wrong power cable may lead to a short-circuit!

The use of a power cable of inadequate cross-section can lead to a short-circuit.

- Only use an extension cable which has a higher rating than the current consumption of the printer.
- Only use earthed cables.
- Always observe the relevant local regulations regarding the connection of electrical equipment to the mains network.

Switching the printer on and off



CAUTION

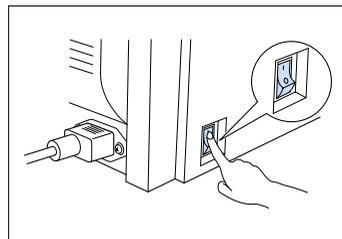
Improper handling may result in damage to the printer!

- Never switch off the printer while a print job is in progress, the printer is receiving data from the computer (flashing "Stand-by" lamp on control panel) or the printer is being reset.

- Switch the power switch to "I" (ON) in order to activate the printer.

The printer is ready for use after approx. 23 seconds.

- Switch the power switch to "O" (OFF) in order to deactivate the printer.



...

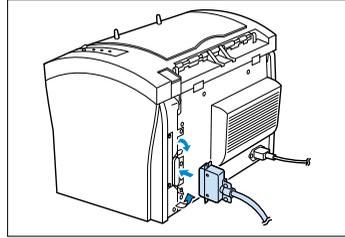
Saving energy is sensible!

If the printer has been inactive for a period of 15 minutes, it automatically switches to the POWER SAVE mode.

When the printer receives a new print job while in POWER SAVE mode, it automatically switches to the warm-up phase.

Connecting the printer to a computer

- 1 Switch off both printer and computer.
- 2 Connect the end of the interface cable to the parallel port of your computer.
- 3 Connect the other end of the interface cable to the parallel port of the printer.
- 4 Secure the connectors by means of the clips on the sockets.



For the technical specification of the cable, see page 11-3.



CAUTION

Using the wrong type of cable may result in damage to the equipment!

Using the wrong type of cable can damage the socket on the printer.

- Only use an IEEE 1284 type B shielded interface cable for connecting the printer to your computer.

3 Installing the printer driver

3.1 System requirements

The following system requirements will ensure that your printer runs without problems:

- An IBM-compatible PC with a 386DX-16MHz processor or higher (Pentium processor recommended).
- Microsoft Windows 95, Windows 98, Windows NT 4.0.
- At least 16 MB of RAM.
- At least 20 MB of spare memory capacity.
- A CD-ROM drive.
- I/O interface: an IEEE 1284 type B parallel cable.

3.2 Notes on installing the printer driver

Don't be afraid of the installation!

The MINOLTA installation program is designed so that even people not accustomed to working with computers can easily accomplish it. You will be led step by step through the installation process. All you need to do is follow the installation program.

Before you begin the installation, you should be clear on the following points:

- What operating system is running on your computer?
- Which optional accessories are fitted to your printer?
- What is the letter of your CD-ROM drive (D, E, etc.)?.

General information on the printer driver

The printer driver is delivered on a CD-ROM along with the printer.



No CD-ROM drive?

Option 1:

You can download the printer driver from the Internet.

You will find the latest version of the printer driver under the address <http://www.minoltaeurope.com>.

Option 2:

You need access to a computer equipped with a CD-ROM drive. In the printer driver installation program you can click on [Copy data to disk] and in this way create a set of installation diskettes for the printer driver. Follow the operator prompts if necessary.

Information on installation using "Add Printer"

When installing the printer driver by way of "Start – Settings – Printers – Add printer", please note the following points:

- The dialogue box for installing options is not displayed. Adjust the additional options after you have completed the installation in the printer driver.
- The Status Monitor will not be installed.
- The uninstaller utility will not be installed. To use this program later for deinstallation, start the file "zuninst.exe" on the CD supplied with the printer.

3.3 Installation of the printer driver

CD-ROM installation

The CD-ROM supplied with the printer starts automatically after being loaded into the CD-ROM drive of your computer. You are guided step by step through the installation routine.

- 1 Make sure that the printer is connected to your computer.
- 2 Switch on the printer.
- 3 Switch on the computer and start Windows 95, Windows 98 or Windows NT 4.0.
- 4 Place the PagePro 1100 printer driver CD in the CD-ROM drive of your computer.

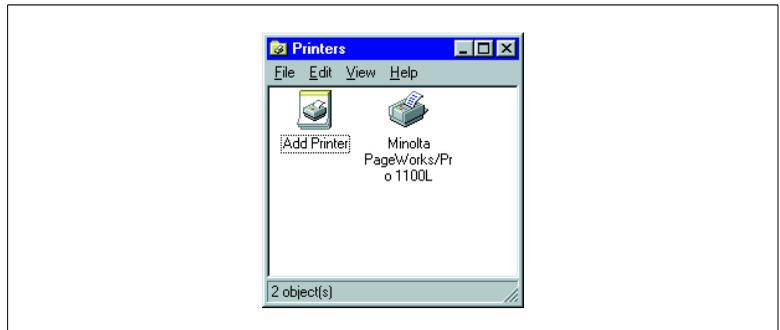
The installation program starts automatically.

? *The installation program does not start automatically?*

- Start Windows Explorer and open the directory of the CD.
- Double-click on "Minolta.exe" to start the installation program.

- 5 Follow the instructions of the installation program.

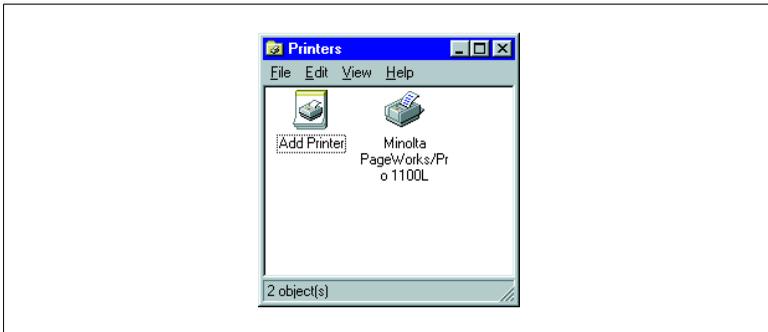
Once the printer driver has been successfully installed, the icon for the "Minolta PageWorks/Pro 1100L" printer appears in the Printers folder.



Plug-&-Play installation (Windows 95/98 only)

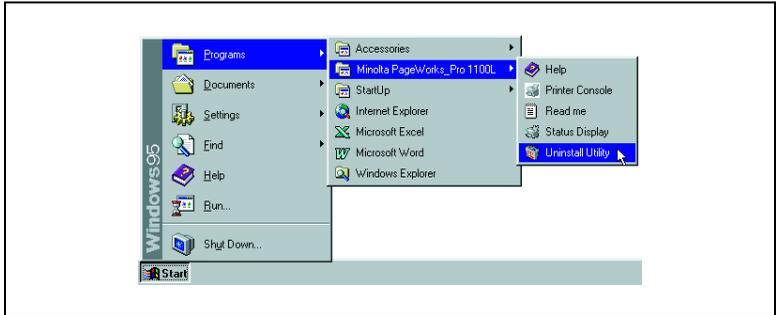
- 1 Make sure that the printer is connected to your computer via a parallel interface cable.
- 2 Switch on the printer.
- 3 Switch on the computer and start Windows 95 or Windows 98.
- 4 Make sure that the printer name is shown in the update device driver box or the "Hardware Wizard" dialogue box.
 - ? *The update device driver or the "Hardware Wizard" dialogue boxes do not appear?*
 - If that is the case, then Plug-&-Play installation is not possible.
 - Install the Minolta printer driver via the CD-ROM installation.
- 5 Click on [CONTINUE].
- 6 Follow the subsequent instructions.

Once the printer driver has been successfully installed, the icon for the "Minolta PageWorks/Pro 1100L" printer appears in the Printers folder.



3.4 Uninstalling the printer driver

- 1 Call up the program group “Minolta PageWorks_Pro 1100L”.

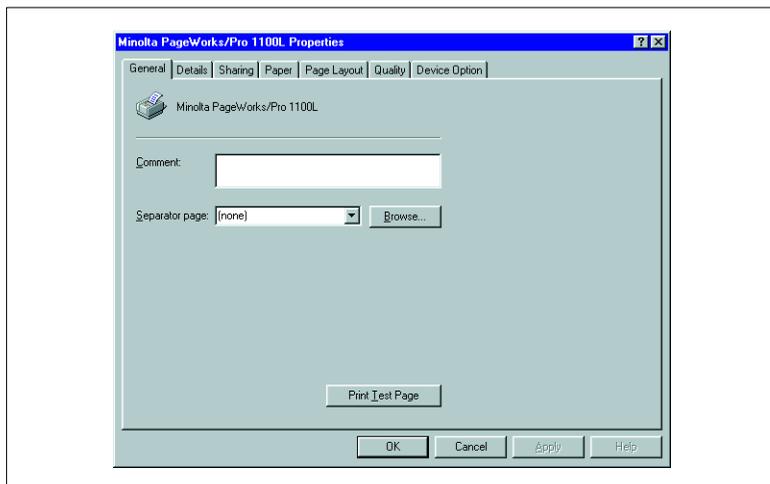


- 2 Click on “Uninstal Utility”.
The deinstallation program starts automatically.
- 3 Follow the subsequent instructions.
To complete the deinstallation of the printer driver, the Windows operating system must be restarted

4 Working with the printer driver

4.1 Displaying printer driver settings

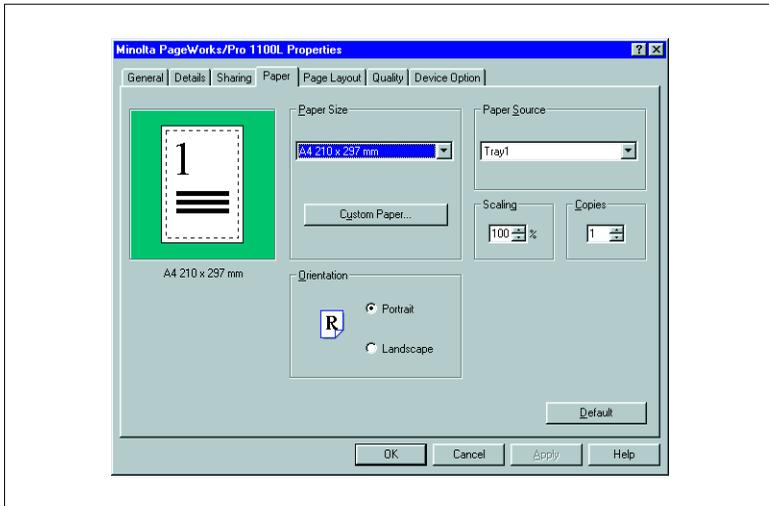
- 1 In the START menu, select “Settings – Printer”.
The “Printers” dialogue box appears.
- 2 Click on the “Minolta PageWorks/Pro 1100L” icon.
- 3 Under “File”, select the item “Properties”.
The printer driver dialogue box appears.



The operating system also uses index cards!

Only the index cards “Paper”, “Page Layout”, “Quality” and “Device Option” form part of the printer driver. The other index cards are automatically generated depending on the operating system and are therefore not described in this manual. The Windows 95 operating system was used for the illustrations in this manual. Other operating systems may differ.

4.2 Paper index card



This index card allows you to:

- select the paper format,
- set up custom paper formats,
- specify the orientation of the paper,
- specify paper feed from different trays,
- scale (enlarge/reduce) documents upon print-out,
- specify the number of copies,.

Selecting a paper format

Use “Paper size” to specify the format of the printed page. The various paper sizes supported by your printer are shown in the dropdown list.

The following formats have a fixed definition in the dropdown list:

Paper	Size	Envelopes	Size
<i>Letter</i>	8.5 × 11 in.	<i>Env. Monarch</i>	3.875 × 7.5 in.
<i>Legal</i>	8.5 × 14 in.	<i>Env. COM10</i>	4.125 × 9.5 in.
<i>Executive</i>	7.25 × 10.5 in.	<i>Env. DL</i>	110 × 220 mm
<i>A4</i>	210 × 297 mm	<i>Env. C5</i>	162 × 229 mm
<i>A5</i>	148 × 210 mm	<i>Env. B5</i>	176 × 250 mm
		<i>Env. JIS B5</i>	182 × 257 mm

You can design your own custom formats and add them to this list, see page 4-4.



Not all paper formats available?

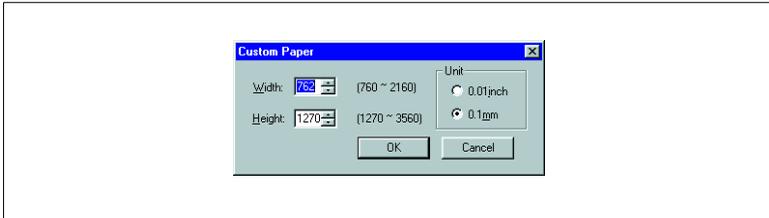
If you have selected the optional paper feed tray 2 under “Paper feed”, then not all the paper formats given in the table are available.

Creating a custom paper format

You can create your own personally designed paper size.

1 Click on [EDIT CUSTOM...]

The “Custom paper“ dialogue box appears.



2 Specify the unit of measure (inches, mm).

3 Specify the dimensions (width x height).

- min. size: 76 × 127 mm (3 × 5 in.)
- max. size: 216 × 356 mm (8.5 × 14 in.)

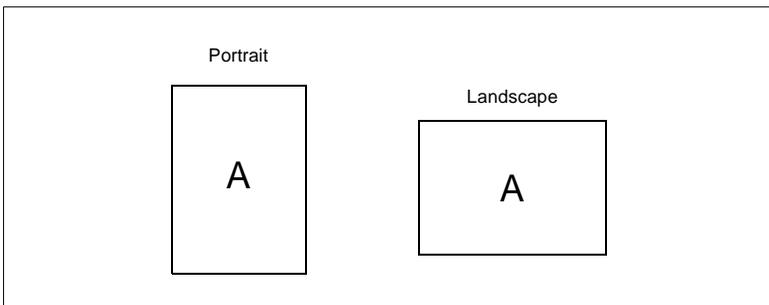
4 Confirm your entries with [OK].

The dialogue box disappears. The newly created format now becomes the current paper format and is added to the end of the “Paper format“ dropdown list.

The new paper format replaces any existing custom format.

Specifying the orientation of the print paper

Under “Orientation“ you can specify whether your document should be printed in portrait (vertical) or landscape (horizontal) format.



Specifying the paper source

Under “Paper source” you can specify which tray will feed the printer.

Paper source	Description
Tray 1	Printing paper is fed from tray 1
Tray 2*	Printing paper is fed from tray 2
Manual feed	Printing paper is fed into the printer through the manual feed unit.

* optional paper source unit



Not all paper formats available?

If you have selected the optional paper feed tray 2 under “Paper feed”, then not all the paper formats given in the table are available.

Scaling the printed document

The print-out of a document may be enlarged or reduced by means of the “Scaling” function.

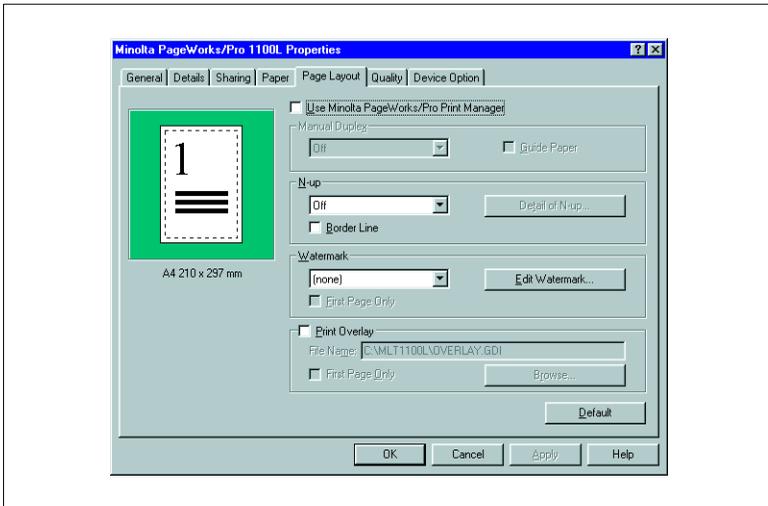
The “Scaling” function cannot be used at the same time as the “N-up” function.

- In the “Scaling” box, enter the value – in per cent (%) – by which the document is to be enlarged or reduced (max. reduction: 50%; max. enlargement: 200%).

Specifying the number of copies

In the “Copies” box, specify the number of copies that you wish to print out. You may enter any value between 1 and 99.

4.3 Page layout index card



This index card allows you to:

- activate the manual duplex option,
- print several pages of a document on the same print page,
- provide print-outs with a watermark,
- design custom watermarks,
- select a background graphic for the print-out.

Manual duplex option

The “Manual duplex option” allows you to print out documents using both sides of the paper.

The “Minolta PageWorks/Pro Print Manager” function can only be used when “Tray 1” paper feed (see “Paper” index card) has been selected.

The “Booklet left” and “Booklet right” functions cannot be used in combination with the “N-up” function.

Printing documents on both sides of the paper requires memory capacity on your hard drive.

Only use normal paper for double-sided print-outs.

- 1** Activate the “Minolta PageWorks/Pro Print Manager” checkbox.
This activates the “Manual duplex option”.
- 2** Select the type of binding that you require for your document from the dropdown list which is now active.
The type of binding selected is now shown in the preview window of the index card.
- 3** Confirm your selection with [OK].
- 4** Call up the printer Status Display, see page 5-1.
- 5** Activate the “Guide paper” checkbox.
After starting the print-out from your application program, the guide paper is printed out first. This shows you how to insert the stack of paper in order to print the reverse of each page.
- 6** You can now print out your document from your application program.
The front side of each page of your document is printed out.
- 7** Now place the stack of paper with the printed side down, as shown on the guide paper, in tray 1.
- 8** Click on [PROCEED] in the Status Display or on the arrow pointing to the right in the PageWorks/Pro 1100L Printer Console, see page 6-2.
The reverse of each page of your document is printed out.

Printing multiple document pages per print page (N-up)

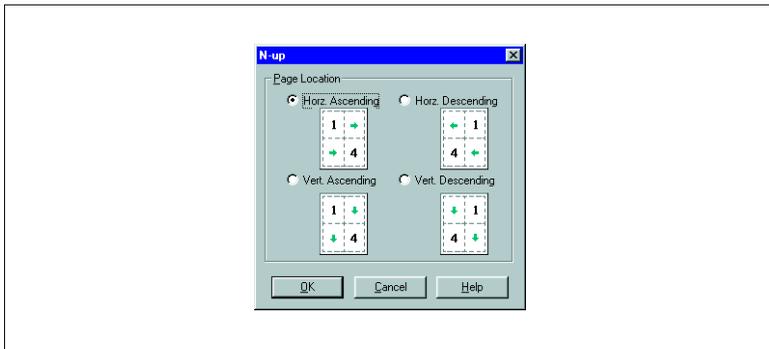
Use the “N-Up” function to print multiple reduced document pages on a single print page.

The “N-up” function cannot be used at the same time as the feature “Scaling”.

N-Up settings	Description
Auto	One document page will be printed on each print page
2 pages per sheet	Two document pages will be printed on each print page
4 pages per sheet	Four document pages will be printed on each print page
9 pages per sheet	Nine document pages will be printed on each print page
16 pages per sheet	16 document pages will be printed on each print page

- Activate the “Borderline” checkbox to separate individual document pages from each other by means of lines.
- Click on the [DETAILS OF N-UP...] button to define the layout of document pages on the print page.

The “Details of N-Up” dialogue box appears.



Printing watermarks

Use the “Watermark” function to print background text on your print pages that will inform the reader at a glance about the nature of your document.

- Select a predefined watermark from the dropdown list.
- Activate the “First page only” checkbox when you only wish to print the watermark on the first page of a multi-page document.



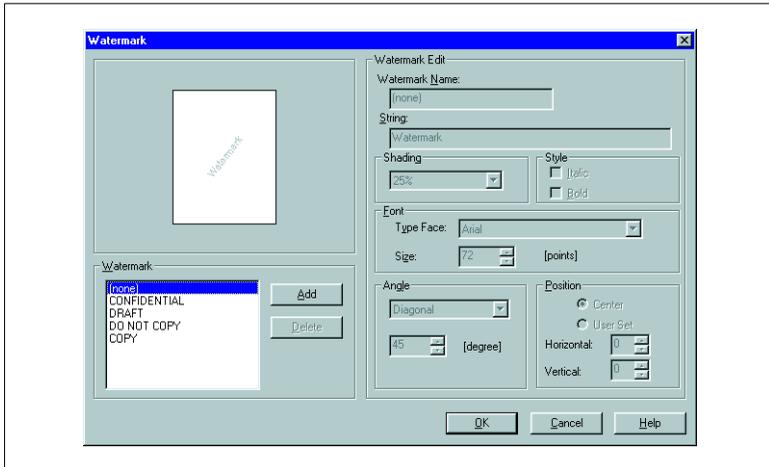
Watermarks as copy protection!

Provide your print-outs with a watermark in order to prevent the printed pages from being copied.

Custom watermarks

Design your own personal watermark.

- 1 Click on the [EDIT WATERMARK...] button and the “Watermark” dialogue box will appear.



- 2 Click on the [ADD] button to create a new watermark,
or
click on a predefined Water mark to modify it.
The fields under “Edit watermark” are activated.
- 3 Design your watermark by changing the settings.
In the preview you can see how the watermark will appear when it is printed and where it is positioned on the page.
- 4 Confirm your entries with [OK].
The dialogue box disappears.



Deleting watermarks? No problem!

If you would like to delete a watermark, mark it in the “Watermark” dialogue box and click on the [DELETE] button.

Print Overlay – printing a background graphic

The “Print Overlay” function allows you to print an image in the background on your print-out in order to give the reader an immediate impression of the purpose of your document.

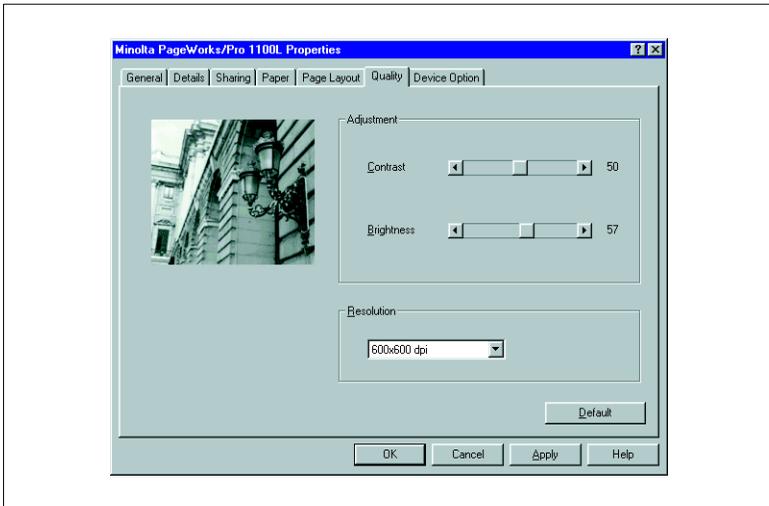
- 1** Switch on this function by activating the “Print Overlay” checkbox.
- 2** Select a predefined graphic from the dropdown list
or
call up a graphic from another source.
- 3** Activate the “First page only” checkbox when you only wish to print the graphic on the first page of a multi-page document.
- 4** Click on [OK] to confirm your selection.

Creating an individual background graphic

You can design your own graphic.

- 1** You can create a background graphic with any suitable program.
- 2** Create a print file from your individual graphic design.
Your file name will be given the extension <Name.ps> or <Name.prn> depending on the program used to create it. If possible, enter the file name <Name.gdi> directly and continue with step 4 below.
- 3** Alternatively, in Windows Explorer change the file name extension to <Name.gdi>.
- 4** Call up your individual background graphic via the [SELECT FILE] button.
- 5** Click on [OK] to confirm your selection.
Your individual graphic will be printed in the background on the print-out.

4.4 Quality index card



This index card allows you to:

- adjust the contrast and brightness of graphics;
- specify the resolution for the print-out.

Adjusting the contrast and brightness of graphics

You can optimize graphics in the print-out by using the “Adjustment – Contrast” and “Adjustment – Brightness” functions.

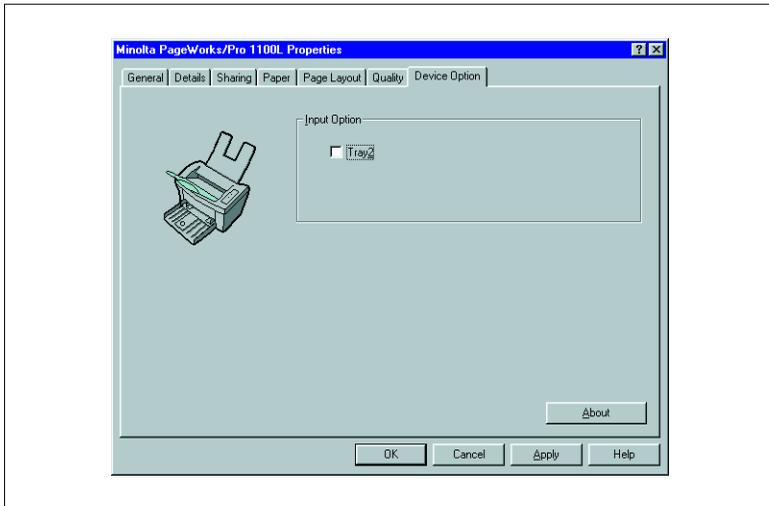
- The “Contrast” slider control alters the contrast of graphics. Contrast is the relative difference between the lightest and the darkest regions of an image.
- The “Brightness” slider control alters the brightness of graphics.

Specifying the resolution

The print quality is defined by means of the “Resolution” function.

- Select “300 × 300 dpi” for normal print-outs, e.g. for text and graphics with thick line elements.
- Select “600 × 600 dpi” for print-outs which require a high print quality, e.g. for text and graphics with fine line elements.

4.5 Device option index card



This index card allows you to:

- activate the optional paper feed tray 2.

Activating the optional paper feed tray 2

Use the "Input option" function to specify whether the optional paper feed tray 2 is installed.

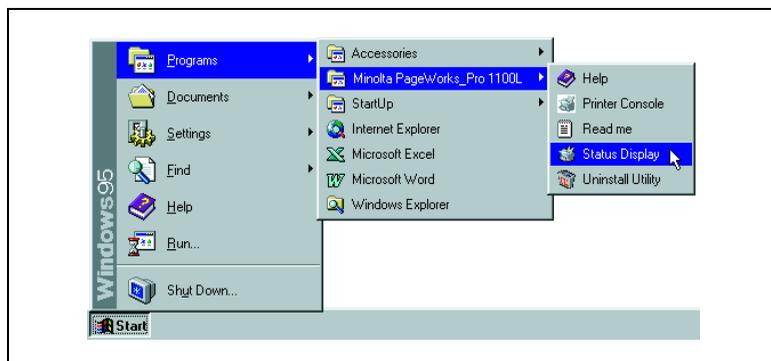
- Activate the "Tray 2" checkbox if the optional paper feed tray 2 has been installed.
- Deactivate the "Tray 2" checkbox if the optional paper feed tray 2 has not been installed.

5 Working with the Status Display

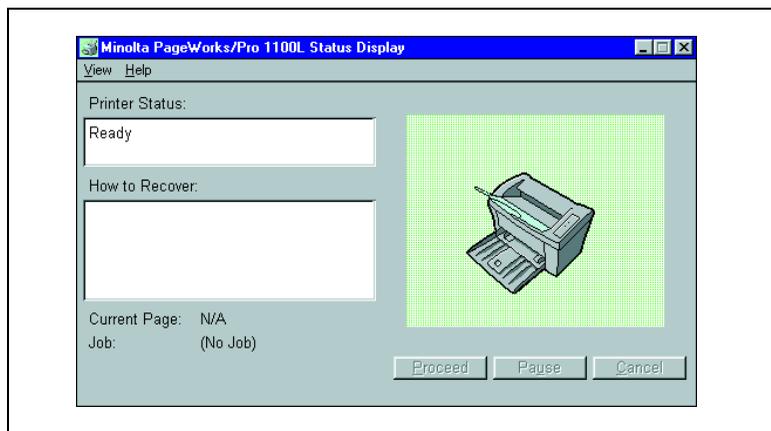
5.1 Calling up the Status Display

Use the Status Display in order to monitor and manage print jobs. The Windows 95 operating system was used for the illustrations in this chapter. The Windows 98 and NT4.0 operating systems may differ slightly.

- 1 Call up the program group “Minolta PageWorks_Pro 1100L“.



- 2 Click on “Status Display“.
The Status Display appears.



5.2 Altering the size of the Status Display window

Reducing the Status Display window

- In the menu bar, select the "View" menu and then the option "Reduce" in order to decrease the size of the window.

Enlarging the Status Display window

- In the menu bar, select the "View" menu and then the option "Expand" in order to increase the size of the window.

5.3 Buttons in the Status Display

Proceed

- Click on [PROCEED] in order to resume printing after an interruption (e.g. pause, error message, duplex option, etc.).

Pause

- Click on [PAUSE] in order to interrupt a print job.

Cancel

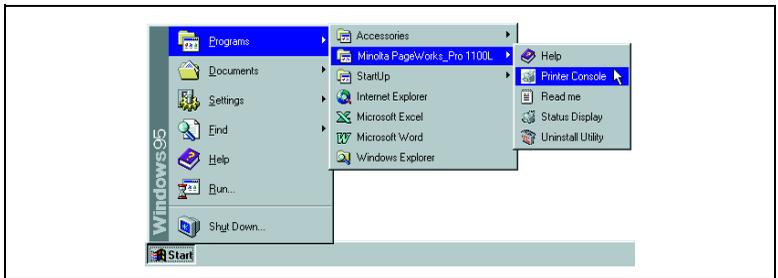
- Click on [CANCEL] in order to cancel a print job.

6 Working with the Printer Console

6.1 Calling up the Printer Console

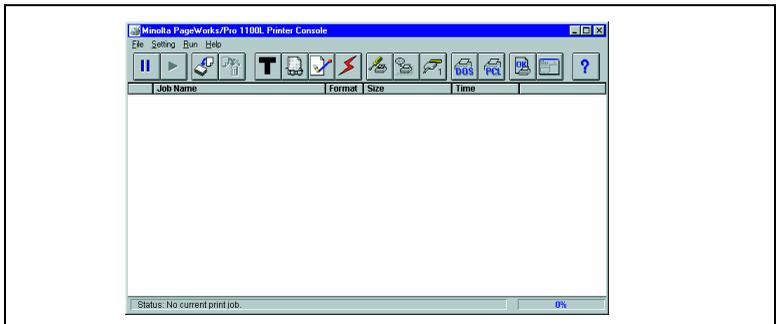
Use the Printer Console in order to check or modify the basic settings of the printer, or to manage print jobs awaiting printing. The Windows 95 operating system was used for the illustrations in this chapter. The Windows 98 and NT4.0 operating systems may differ slightly.

- 1 Navigate to “Minolta PageWorks_Pro 1100L”.



- 2 Click on “Printer Console”.

The Printer Console window appears.



Detailed help is available online!

Use the Online Help feature in order to obtain detailed descriptions of the menus described in this chapter. To call up Online Help, click on [?].

6.2 File menu

The buttons described below correspond to the commands in the dropdown menu under [FILE].

Pause printer



Click on this button in order to interrupt the current print job.

Use this function when, for example, you wish to delete a print job from the list of print jobs awaiting printing.

Resume printer



Click on this button in order to resume the printing of a print job which has been interrupted.

Use this function when, for example, you have interrupted a print job, wish to continue after an error message or are using the duplex option, see page 4-6.

Add document



Click on this button in order to add a document to be printed to the list of print jobs awaiting printing.

Delete documents



Click on this button in order to delete the marked print job from the list of print jobs awaiting printing.

Exit

In the "File" menu, select "Exit" in order to close the Printer Console window.

6.3 Setting menu

The buttons described below correspond to the commands in the dropdown menu under [SETTING].

Toner saving



Cut your printing costs by means of the “Toner Save mode”.

In the Toner Save mode text and graphics are printed in grey. This requires a minimum amount of toner. Therefore, you can lower your printing costs when producing rough drafts and other preliminary materials.

- Select “On” to print your documents using a minimal amount of toner.
- Select “Off” to print your documents with the normal amount of toner.

Density



Specify the amount of toner to be used by means of the “Toner density” function.

Increasing the toner density produces a darker print-out but increases the consumption of toner.

Media type



Specify the type of paper you wish to use for your print-out by means of the “Media type” function:

- plain papier,
- transparency,
- envelope,
- thick paper.

Fast print



You can shorten the time before the first page of a job is printed.

- Select “Fast” to maintain the fusing unit at a high temperature. This minimizes the time before the first page is printed.
- Select “Normal” to allow the fusing unit to cool down when printing is not in progress. In order to print the first page of a print job, the fusing unit must first warm up again and so more time is required for the first page.

Printer setup



Click on this button in order to call up the index cards for the printer settings and so adjust the output options of your printer.

Detailed information on the settings possible with the index cards can be found in “Working with the printer driver”, see page 4-1ff.

Status report options



Click on this button in order to call up the dialogue window for setting printer status messages.

- Select “Minimize device status display” in order to suppress the automatic call-up of the Status Display when a printer error occurs.
- Select “Beep when a job is completed” in order to trigger an audible signal via your computer upon completion of the current print job.
- Select “Beep when a job is deleted” in order to to trigger an audible signal via your computer when a print job is cancelled.

Connect port



Click on this button in order to call up the dialogue window for setting the printer port.

- Under “Set printer port to”, select the port used to connect the printer to your computer.
- The possible options, “LPT1”, “LPT2” or “LPT3”, depend on the hardware configuration of your computer.
- The option “None” deactivates all printer functions.

DOS printing options



Click on this button in order to call up the dialogue window for setting the printer for DOS applications.

[PRINTER PORT] option

- Under “Set printer port to”, select the port used to connect the printer to your computer.
- The possible options, “LPT1”, “LPT2” or “LPT3”, depend on the hardware configuration of your computer.
- The option “None” deactivates all printer functions.

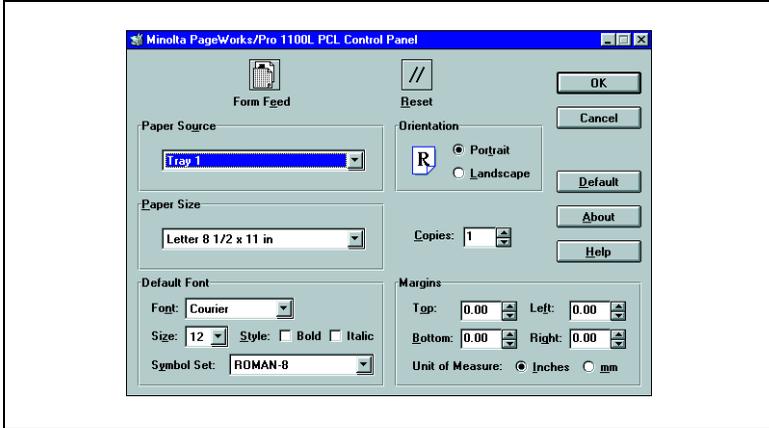
[PRINTING MODE] option

- Select “Enable PCL interpreter” when your DOS application supports PCL printing.
- Select “Bypass PCL interpreter”, when your DOS application does not support PCL printing and you send the data directly to the printer.

Using the PCL Control Panel



Click on this button in order to call up the Control Panel for setting the printer for DOS applications.



This control panel allows you to:

- activate the form feed for the final page of a print job;
- clear the current print job and activate changes to the control panel settings ready for the next print job;
- define the tray from which the paper is to be fed;
- specify the paper format;
- select the font;
- define the orientation of the paper;
- specify the number of copies to be printed;
- define the margins to the edges of the paper.

Activating the form feed



Click on this button in order to activate the form feed for the final page of a print job.

Some DOS applications do not include the command "Form feed" in their print jobs. Activate this function in order to ensure that the final printed page is ejected upon completion of a print job.

If you have switched on the PCL interpreter for printing out from DOS applications, it is necessary to activate the "Form feed" feature in order to automatically eject the final page of a print job.

Reset



Click on this button in order to cancel print jobs already sent to the printer and to accept changes to the control panel settings ready for subsequent print jobs.

Specifying the paper source

Under “Paper source“ you can specify which tray will feed the printer.

Paper source	Description
Tray 1	Printing paper is fed from tray 1
Tray 2*	Printing paper is fed from tray 2
Manual feed	Printing paper is fed into the printer through the manual feed unit. In order that the paper is fed through the manual feed unit, click on [PROCEED] in the (expanded) Status Display, see page 5-1.

* optional paper source unit



Not all paper formats available?

If you have selected the optional paper feed tray 2 under “Paper source“, then not all the paper formats given in the table are available.

Selecting a paper format

Use “Paper size“ to specify the format of the printed page. The various paper sizes supported by your printer are shown in the dropdown list.

The following formats have a fixed definition in the dropdown list:

Paper	Size	Envelopes	Size
Letter	8.5 × 11 in.	Env. Monarch	3.875 × 7.5 in.
Legal	8.5 × 14 in.	Env. COM10	4.125 × 9.5 in.
Executive	7.25 × 10.5 in.	Env. DL	110 × 220 mm
A4	210 × 297 mm	Env. C5	162 × 229 mm
A5	148 × 210 mm	Env. B5	176 × 250 mm
		JIS B5	182 × 257 mm



Not all paper formats available?

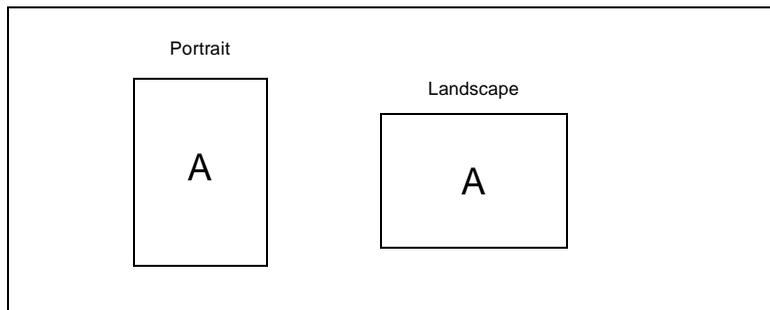
If you have selected the optional paper feed tray 2 under “Paper source“, then not all the paper formats given in the table are available.

Specifying the printer font

Here you can specify the default font and select the symbol set for your print job.

Specifying the orientation of the printing paper

Under “Orientation“ you can specify whether your document should be printed in portrait (vertical) or landscape (horizontal) format.



Specifying the number of copies

In the “Copies“ box, specify the number of copies that you wish to print out. You may enter any value between 1 and 99.

Defining the margins

- Under “Unit of measure“, specify whether you wish to enter the values in millimetres or inches.
- Enter the values for the edge margins in the appropriate boxes.

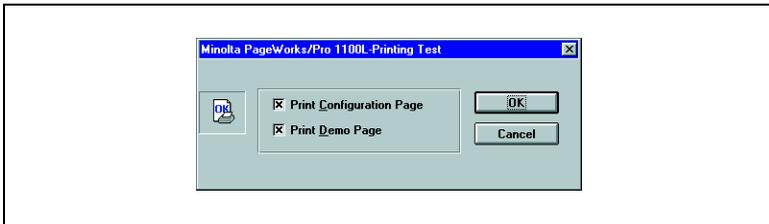
6.4 Run menu

The buttons described below correspond to the commands in the dropdown menu under [RUN].

Print configuration/demo page



Click on this button in order to call up the “Printing test” dialogue window.



- Activate the “Print configuration page” checkbox and then click on [OK]. This prints out a page containing detailed information on your computer and the current printer settings.
- Activate the “Print demo page” checkbox and then click on [OK]. This prints out a page containing a list of the printer functions.

Local printer status



Click on this button in order to call up the Status Display. Further information on the Status Display can be found on page 5-1.

6.5 Help menu

The buttons described below correspond to the commands in the dropdown menu under [HELP].

Help



Click on this button in order to activate the Online Help feature. This contains all the information relevant to setting and using the Printer Console.

7 Working with the printer

7.1 Please note the following points:

What should I watch out for when loading paper?

To avoid paper misfeeds in the laser printer, please observe the following points:

- Do not use any paper with the following features:
 - Paper that has already been used in a thermal or ink-jet printer.
 - Creased or wavy paper.
 - Paper with a surface that is too smooth, too rough or irregular.
 - Specially coated paper such as carbon paper or paper with an adhesive surface.
 - Paper that is not cut at right-angles.
 - Paper that is held together by glue, adhesive or clips.
 - Paper with labels that detach easily.
 - Warped or curled-up postcards.
- Please note that the stack of paper in the paper tray should not exceed the "max." mark.

What should I watch out for when loading envelopes?

To avoid envelope misfeeds in the laser printer, please observe the following points:

- Do not use self-adhesive envelopes or those with a tear-off strip, closures or a window.
- Place the envelopes in the tray with the flap down and facing to the left.
- Make sure that the flaps are neatly folded back.



Test envelopes before buying large quantities!

Some types of envelopes crease easily when they are run through a printer.

Which sizes of paper can I use?

This printer is only designed for use with the sizes of paper listed below.

Paper size	Paper Source		
	Feed tray 1	Feed tray 2 (optional)	Manual feed unit*
Standard sizes			
A4 210 x 297 mm	Yes	Yes	Yes
A5 148 x 210 mm	Yes	No	Yes
Letter 215.9 x 279.4 mm	Yes	Yes	Yes
Legal 215.9 x 355.6 mm	Yes	Yes	Yes
Executive 184.2 x 266.7 mm	Yes	Yes	Yes
Envelopes and custom sizes			
Envelope COM10 104.8 x 241.3 mm	Yes	No	Yes
Envelope DL 110 x 220 mm	Yes	No	Yes
Envelope C5 162 x 250 mm	Yes	No	Yes
Envelope B5 176 x 250 mm	Yes	No	Yes
Envelope JIS B5 182 x 257 mm	Yes	Yes	Yes
Envelope Monarch 98.4 x 190.5 mm	Yes	No	Yes
Custom 76 - 216 mm x 127 - 356 mm	Yes	No	Yes

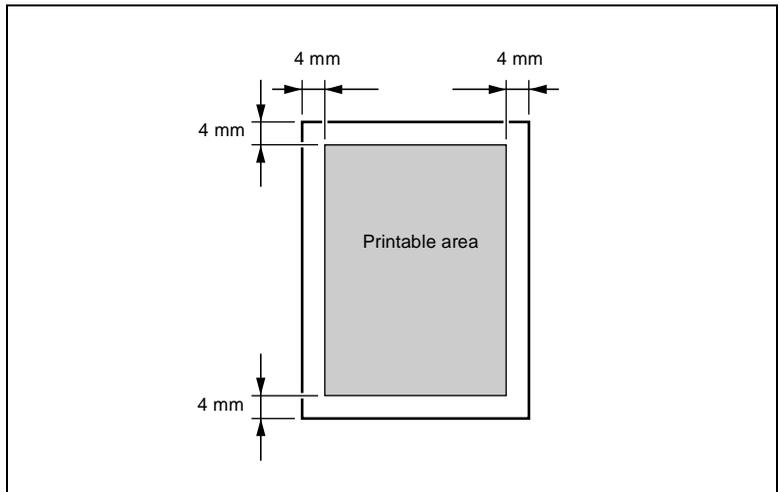
* The optional 2nd paper feed tray is supplied with a DIN A4 cassette as standard. Other cassettes for paper sizes JIS B5, Letter, Legal and Executive are available as options.

What types of paper can I use?

This printer is only designed for use with the types of paper listed below.

Paper size	Paper Source		
	Feed tray 1	Feed tray 2 (optional)	Manual feed unit*
Plain paper 60 to 90g/m ²	Yes	Yes	Yes
Recycled paper 60 to 90 g/m ²	Yes	Yes	Yes
Transparent film	Yes	No	Yes
Labels	Yes	No	Yes
Letterheads	Yes	No	Yes
Envelopes	No	No	Yes
Card or thick paper 91 to 163 g/m ²	Yes	No	Yes

Printable area



7.2 Loading paper

Loading paper into paper feed tray 1

Paper feed tray 1 has a capacity of 150 sheets of plain paper.

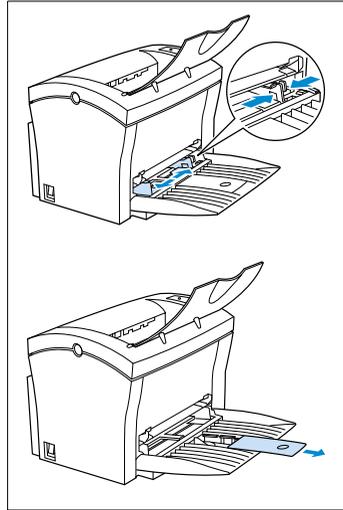
Please note the following points:

- ✓ Only refill the tray when it is completely empty.
- ✓ Refer to the advice on loading paper, see page 7-1.

- 1 Press the right-hand paper guide together in order to release the guide. Slide the guide outwards as far as it will go.

? *Using a large paper format?*

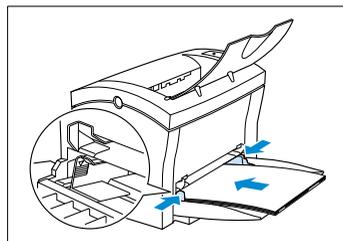
- Then extend the paper support.



- 2 Place the paper between the paper guides. Slide the guides up to the stack of paper.

? *How many sheets may I place on the tray?*

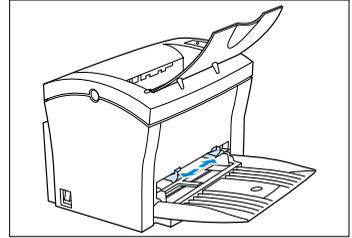
- The stack of paper should not rise above the "max." mark.



Loading paper into the manual feed unit

When using the manual feed unit, sheets and envelopes must be fed in one at a time.

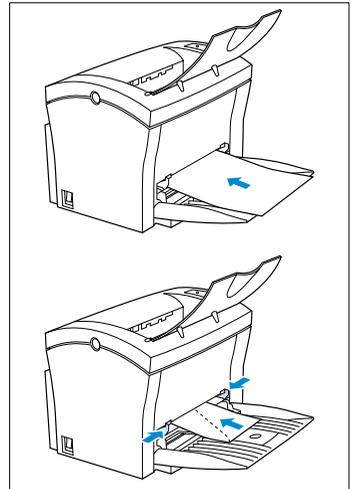
- 1 Slide the guides outwards as far as they will go.



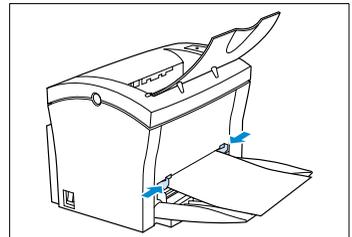
- 2 Place the paper between the guides with the side to be printed facing upwards.

? *How are envelopes fed in?*

- Envelopes are loaded with the flap down and facing to the left.



- 3 Slide the guides up to the paper.



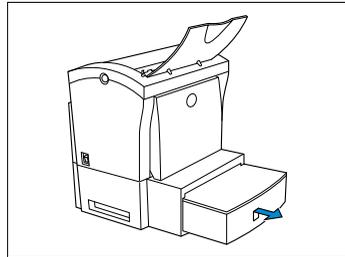
Loading paper into paper feed tray 2

Paper feed tray 2 has a capacity of 500 sheets of plain paper.

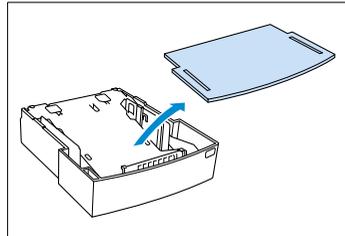
Please note the following points:

- ✓ Only A4, JIS B5, Legal, Letter and Executive formats can be used with paper feed tray 2. Matching cassettes are required for each size; these are available as options. Paper feed tray 2 is fitted with an A4 cassette as standard.
- ✓ Paper can only be loaded lengthwise in paper feed tray 2.
- ✓ Do not refill the cassette while paper is still being fed from feed tray 2.
- ✓ Refer to the advice on loading paper, see page 7-1.

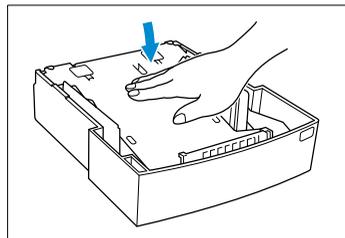
- 1 Pull out the cassette from paper feed tray 2 until you detect a certain resistance. Then lift the front of the cassette a little before pulling it out completely.



- 2 Remove the cassette cover.



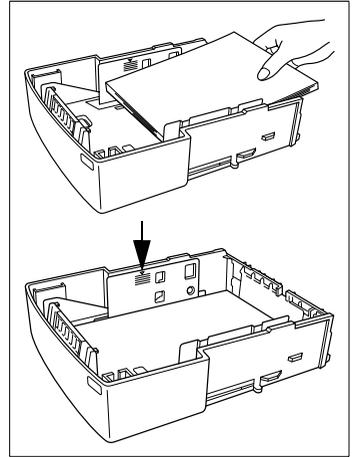
- 3 Press down the paper lifting plate until it locks.



4 Place the paper in the cassette.

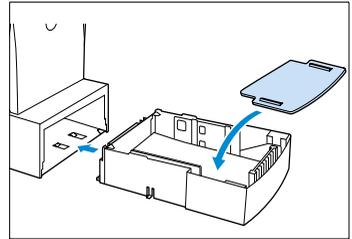
? *How many sheets may I place in the cassette?*

→ The stack of paper should not rise above the "max." mark.



5 Refit the cassette cover.

6 Slide the cassette back into paper feed tray 2.



7.3 Determining the direction of the print-out

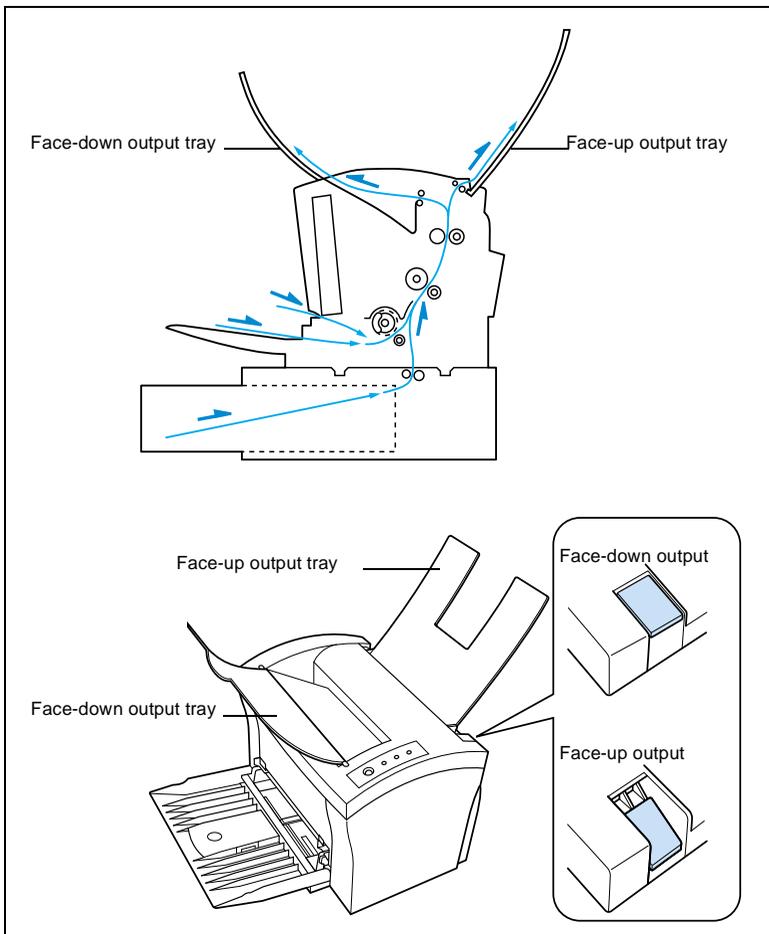
Printed sheets can be output in two directions:

- face up, or
- face down.

The printer is fitted with a tray for face-down output as standard. A tray for face-up output is available as an option.

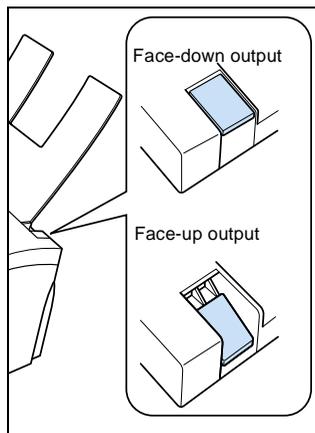
The face-up output option is especially suitable for thick papers and envelopes because then the path through the printer is straighter.

The output tray can hold up to 100 sheets (face down) / 20 sheets (face up).



Please note the following points:

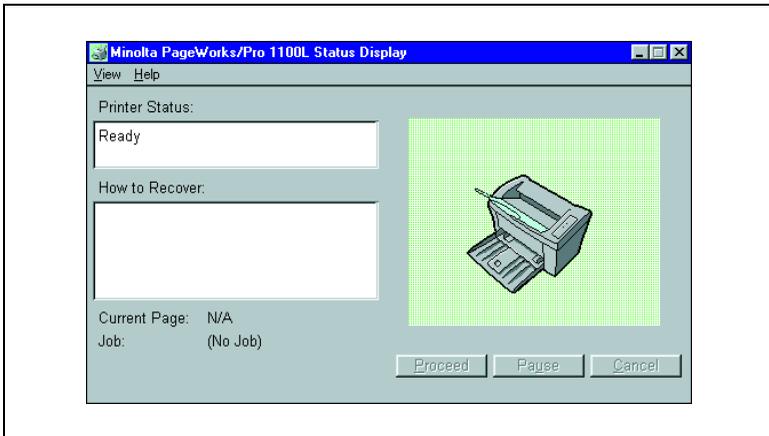
- ✓ Do not change the output direction while a print job is in progress.
- ✓ Make sure that the output selector switch is in the correct position when the optional output tray is not installed.
- Make sure that the switch is set for "Face-down output" when the printed sheets are to be output face down;
or
make sure that the switch is set for "Face-up output" when your printer is fitted with the optional output tray and the printed sheets are to be output face up.



7.4 Monitoring print jobs with the Status Display

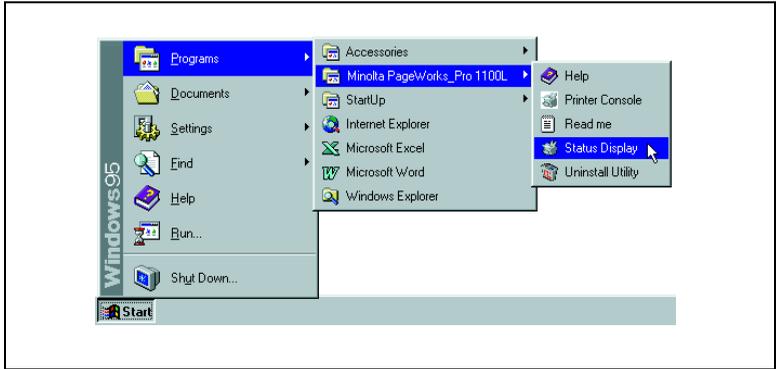
The Status Display allows you to monitor the printer and the progress of current print jobs.

- The basic functions can be controlled during printing with the buttons “Proceed”, “Pause” and “Cancel” .
- When the background to the printer graphic is green, the printer is in Stand-by mode or a print job is running normally.
- When the background to the printer graphic is red, there is a current error and the print job has been interrupted. The status of the printer and the error message are shown in the dialogue boxes on the left.

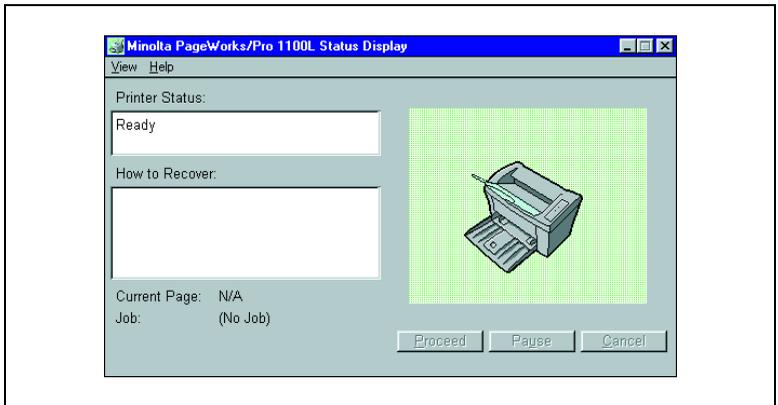


Calling up the Status Display in Windows

- 1 Navigate to “Minolta PageWorks_Pro 1100L”.



- 2 Click on “Status Display”.
The Status Display appears.

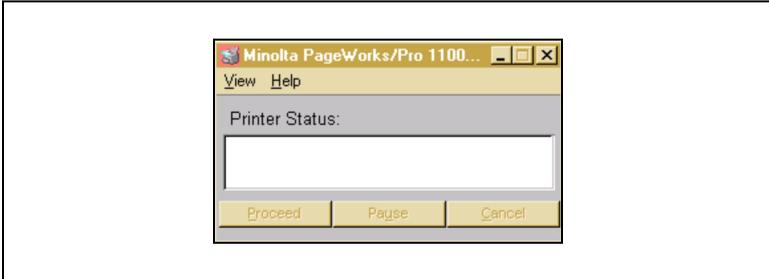


? *The Status Display appears in reduced format?*

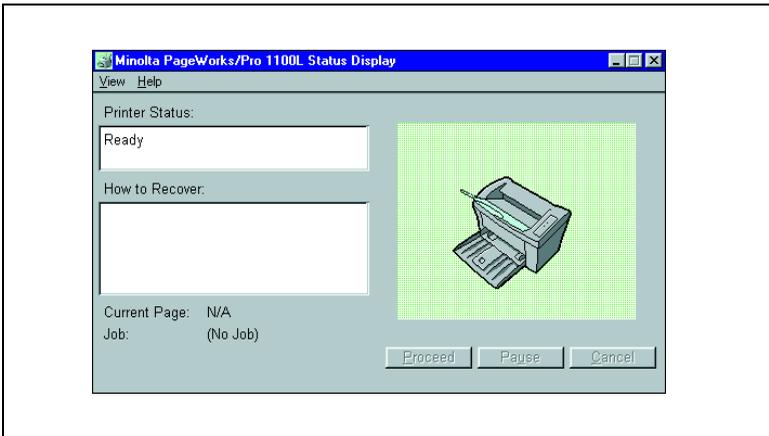
- Select “View – Expand” in order to enlarge the window so that it appears as shown above.

Altering the size of the Status Display window

- In the menu bar, select the "View" menu and then the option "Reduce" in order to decrease the size of the window.



- In the menu bar, select the "View" menu and then the option "Expand" in order to increase the size of the window.



Closing the Status Display

- In the menu bar, select "View – Exit" in order to close the Status Display window.

Continuing a print job after an error message or an interruption

Continue the print job after the following error messages or after an interruption:

- ✓ when there is no more paper in the feed trays;
- ✓ when paper of a different format to that set in the printer driver was fed into the printer.
- ✓ when a print job was interrupted by actuating the “Pause” button.

1 Make sure that one of the above errors has occurred.

2 Click on “Proceed” in order to trigger a form feed.

The print job continues.

? *The button is not active?*

- Switch your printer off and then on again. Restart the print job.
- If this does not rectify the error, call a customer service engineer.

Interrupting a print job

You may interrupt the current print job.

- Click on “Pause” in order to interrupt the current print job.
- Click on “Proceed” in order to resume printing the interrupted print job.

Cancelling a print job

You may cancel the current print job.

- Click on “Cancel” in order to cancel the current print job.

8 Installing optional accessories

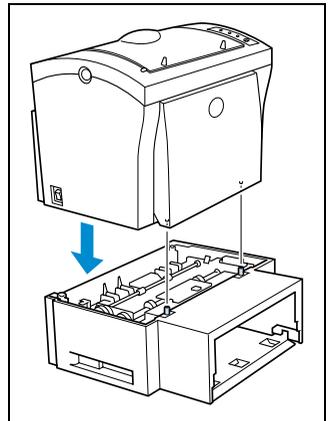
The optional accessories include:

- paper feed tray 2 (500 sheets),
- face-up output tray.

8.1 Installing paper feed tray 2

Paper feed tray 2 can hold up to 500 sheets of plain paper. It is supplied with an A4 slide-in cassette as standard. Other cassettes for Letter, JIS B5, Legal und Executive formats are available as options. Please contact Customer Support for details.

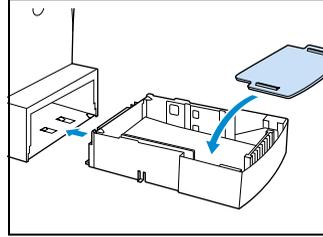
- 1 Take the parts out of the box and remove the plastic packagings.
- 2 Remove all packaging materials and adhesive tape.
- 3 Remove the plastic pad from the feed tray.
- 4 Switch the printer OFF and also disconnect the power cable and the interface cable from the printer.
- 5 Mount the printer on the paper feed tray in such a way that the locating pins on the feed tray engage with the matching recesses in the underside of the printer.



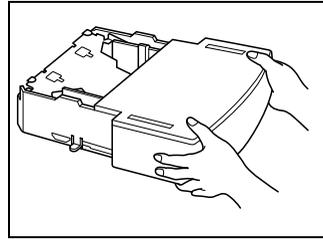
- 6 Fill the cassette with paper, see page 7-6.
? How many sheets may I place in the cassette?

- The stack of paper should not rise above the "max." mark.

7 Refit the cassette cover.



8 Slide the cassette back into the feed tray.



8.2 Installing the face-up output tray

The printer is fitted with a tray for face-down output as standard. A tray for face-up output is available as an option.

The face-up output option is especially suitable for thick papers and envelopes because then the path through the printer is straighter.

The face-up output tray can hold up to 20 sheets.

- 1 Take the parts out of the box and remove the plastic packagings.
- 2 Remove all packaging materials and adhesive tape.
- 3 Mount the output tray on the printer in such a way that the locating pins on the tray engage with the matching recesses in the printer. To do this, the tray must be bent slightly.



Output face up or face down?

You can set the output direction on the printer, see page 7-8.

9 Caring for and maintaining your printer



CAUTION

You could damage the unit by using incorrect accessories and parts!

If you use accessories and parts of manufacturers other than Minolta, we cannot guarantee that the laser printer will operate properly.

- Use only Minolta accessories and parts unless specified otherwise.
-



CAUTION

Toner poses a health hazard!

Toner is harmful if swallowed.

- If you swallow toner, consult a doctor immediately.
 - If you get toner on your hands, wash them immediately with cold water and soap.
-

9.1 Cleaning the printer

Clean the printer at regular intervals to prevent dust, dirt and paper residue from accumulating in and on the printer.

Cleaning the case

- 1 Switch the printer OFF and unplug the power cable.
- 2 Wipe the printer case off with a soft cloth. You may moisten the cloth with a little neutral household cleaner if you wish.

Cleaning the paper feed roller

Clean the paper feed roller if paper feed problems occur frequently.



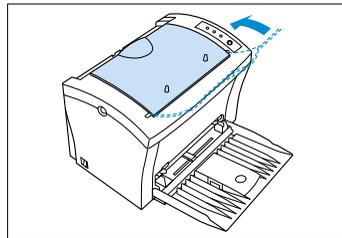
CAUTION

The fusing unit can become very hot!

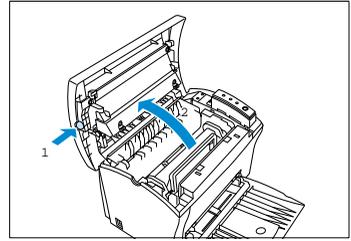
The fusing unit, which is located beneath the top cover, can become very hot when the printer is in operation.

- To prevent injuries, avoid contact with this area.
 - After switching off the printer, wait at least 10 minutes before cleaning the inside of the printer.
-

- 1 Switch the printer OFF and unplug the power cable.
- 2 Fold down the output tray.

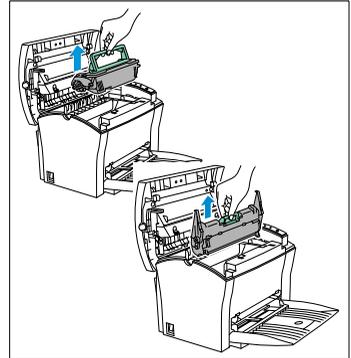


- 3** Press the top cover release button and open the cover.

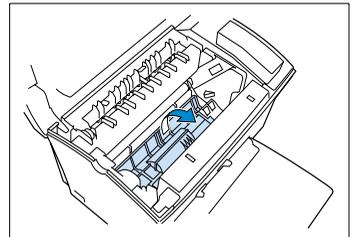


- 4** Remove the toner cartridge and the image transfer roller.

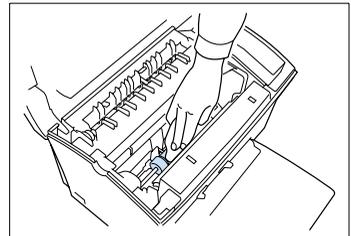
Wrap the the image transfer roller in a cloth to protect it against exposure to light.



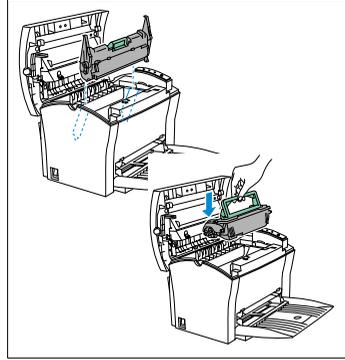
- 5** Fold back the cover over the paper feed roller.



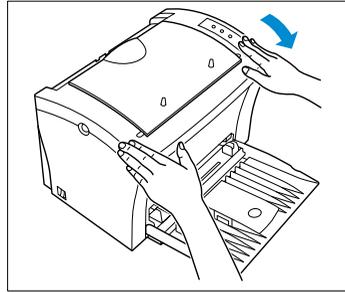
- 6** Wipe the paper feed roller with a soft, dry cloth.



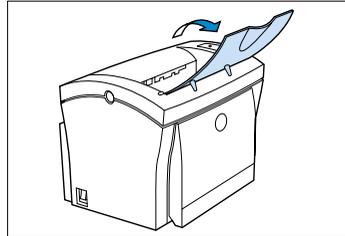
- 7 Refit the image transfer roller and the toner cartridge.



- 8 Close the top cover.



- 9 Lift up the output tray.



9.2 Replacing the toner cartridge

Change the toner cartridge when it is empty or the print-outs are too light.

The toner cartridge has a capacity of about 6000 A4 pages or letters with about 5% toner coverage. The toner cartridge supplied with the printer has a capacity of, on average, 3000 A4 pages or letters with about 5% toner coverage.



CAUTION

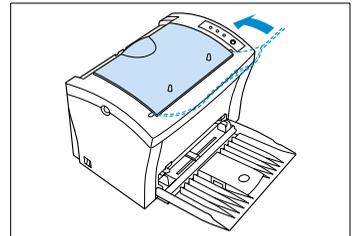
The fusing unit can become very hot!

The fusing unit, which is located beneath the top cover, can become very hot when the printer is in operation.

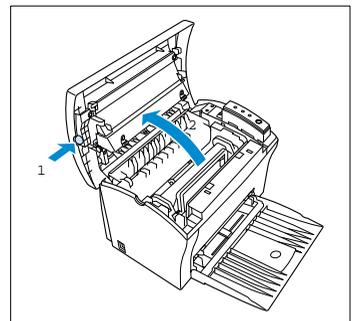
→ To prevent injuries, avoid contact with this area.

1 Switch the printer OFF and unplug the power cable.

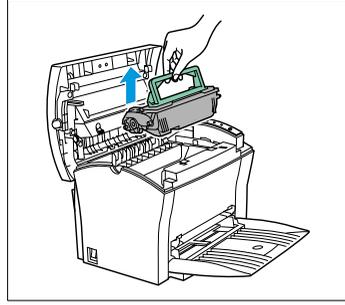
2 Fold down the output tray.



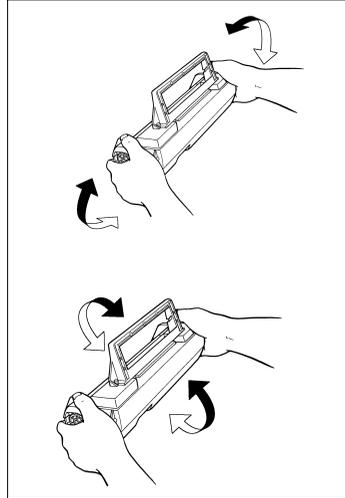
3 Press the top cover release button and open the cover.



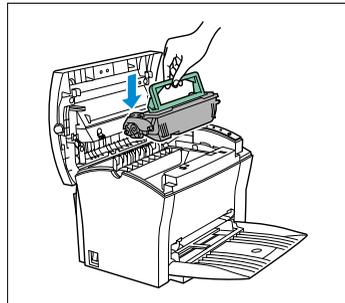
- 4** Lift out the used toner cartridge and dispose of it in a way which does not have any negative environmental impact!



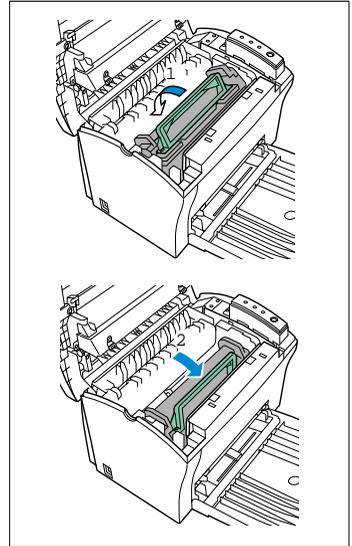
- 5** Hold the new toner cartridge firmly with both hands and shake it to break down any lumps of toner that may have formed.



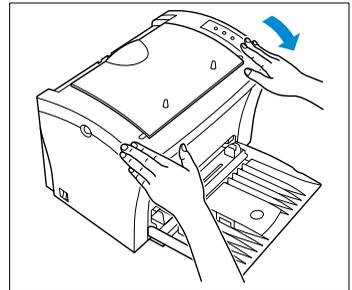
- 6** Place the new toner cartridge in the printer. In doing so, match up the coloured strips and numbers on the cartridge with those on the printer.



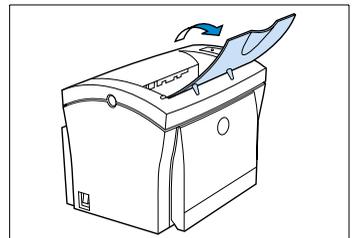
- 7 Make sure that the toner cartridge is correctly seated in the guides and is clipped in place.



- 8 Close the top cover.



- 9 Lift up the output tray.



9.3 Replacing the image transfer roller

Change the image transfer roller when the print-outs become faint or blurred.

The image transfer roller has a capacity of about 20 000 A4 pages or letters (black-to-white ratio of 5% or less).



CAUTION

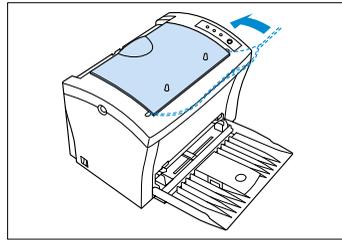
The fusing unit can become very hot!

The fusing unit, which is located beneath the top cover, can become very hot when the printer is in operation.

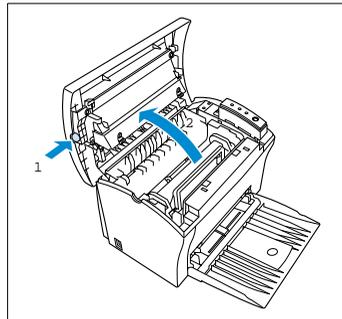
→ To prevent injuries, avoid contact with this area.

1 Switch the printer OFF and unplug the power cable.

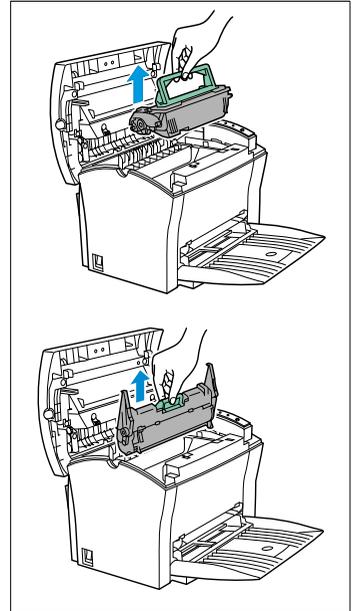
2 Fold down the output tray.



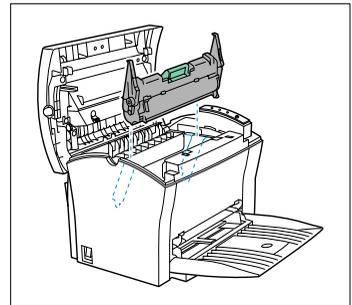
3 Press the top cover release button and open the cover.



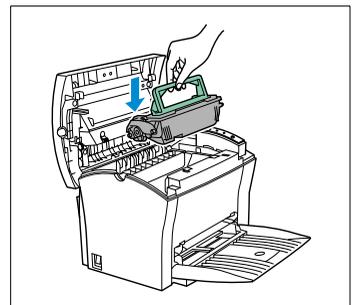
- 4** Lift out the toner cartridge and the image transfer roller. Dispose of the image transfer roller in a way which does not have any negative environmental impact!



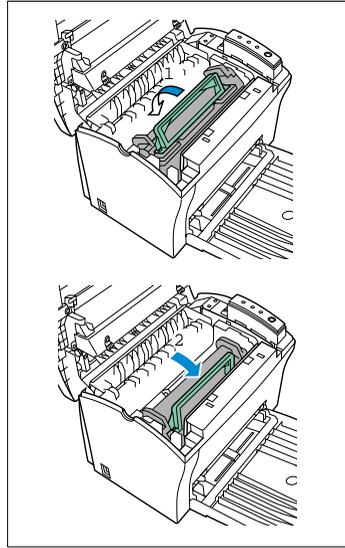
- 5** Remove the new image transfer roller from the box and place it in the printer. In doing so, match up the coloured strips and numbers on the roller with those on the printer.



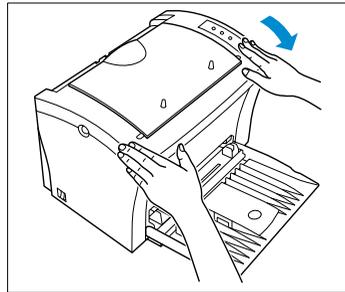
- 6** Place the toner cartridge back in the printer. In doing so, match up the coloured strips and numbers on the cartridge with those on the printer.



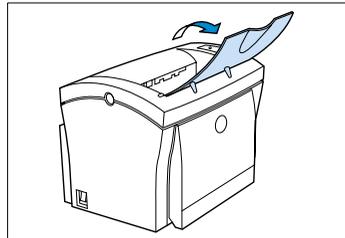
- 7 Make sure that the toner cartridge is correctly seated in the guides and is clipped in place.



- 8 Close the top cover.



- 9 Lift up the output tray.



10 Troubleshooting

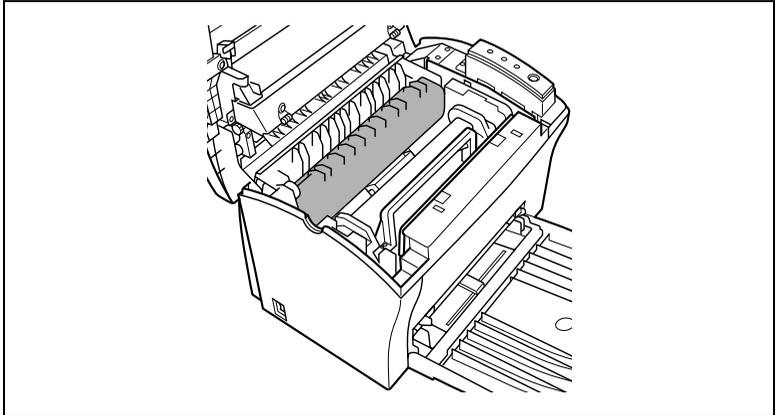


CAUTION

The fusing unit can become very hot!

The fusing unit, which is located beneath the top cover, can become very hot when the printer is in operation.

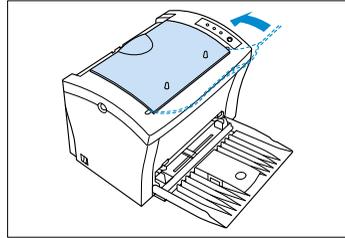
→ To prevent injuries, avoid contact with this area.



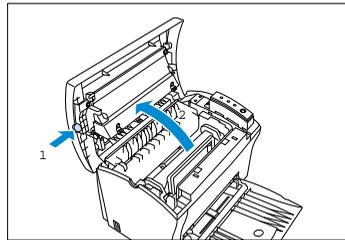
10.1 Clearing paper misfeeds

Clearing a paper misfeed at the image transfer roller

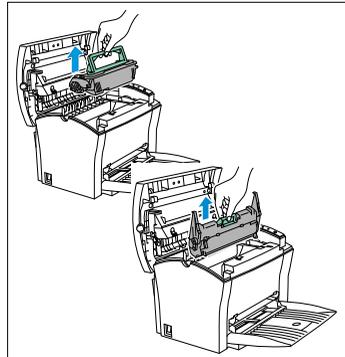
- 1 Switch the printer OFF.
- 2 Fold down the output tray.



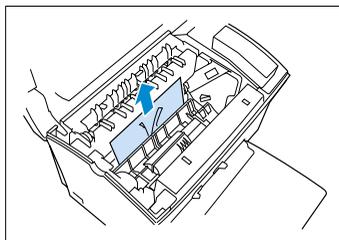
- 3 Press the top cover release button and open the cover.



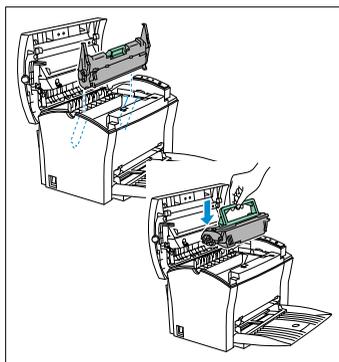
- 4 Lift out the toner cartridge and the image transfer roller.
- 5 Wrap the the image transfer roller in a cloth to protect it against exposure to light.



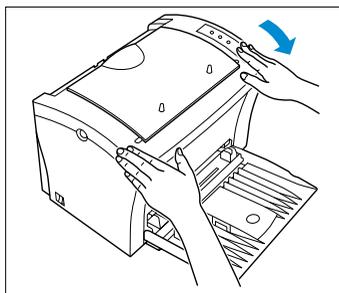
- 6 Carefully pull the misfed sheet(s) out of the printer.



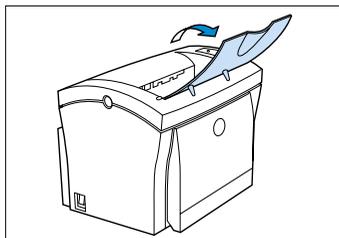
- 7 Refit the image transfer roller and the toner cartridge.



- 8 Close the top cover.



- 9 Lift up the output tray.



Clearing a paper misfeed at the fusing unit



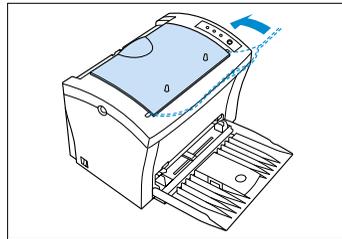
CAUTION

The fusing unit can become very hot!

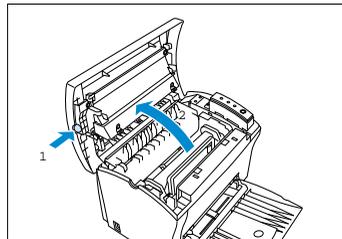
The fusing unit, which is located beneath the top cover, can become very hot when the printer is in operation.

→ To prevent injuries, avoid contact with this area.

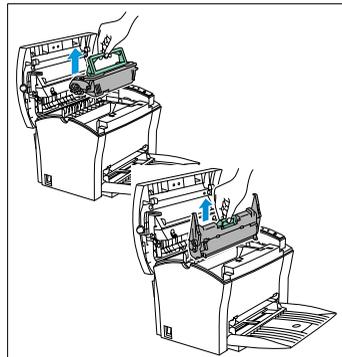
- 1 Switch the printer OFF.
- 2 Fold down the output tray.



- 3 Press the top cover release button and open the cover.



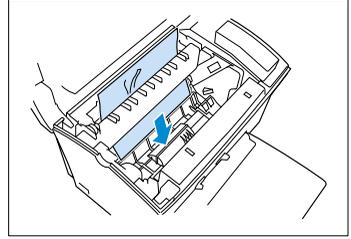
- 4 Lift out the toner cartridge and the image transfer roller.
- 5 Wrap the the image transfer roller in a cloth to protect it against exposure to light.



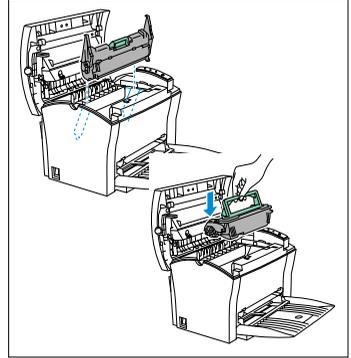
- 6** Hold the bottom edge of the misfed sheet and carefully pull it out of the printer.

? *The bottom edge of the paper is not visible?*

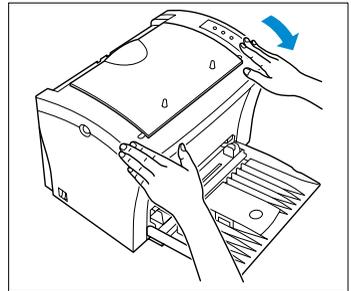
- Move the bottom edge of the paper so that you can grab it with your fingers.



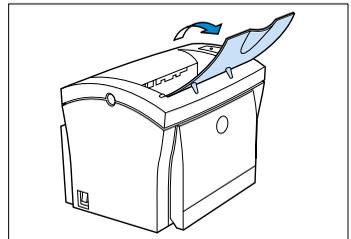
- 7** Refit the image transfer roller and the toner cartridge.



- 8** Close the top cover.



- 9** Lift up the output tray.



Clearing a paper misfeed at the output tray

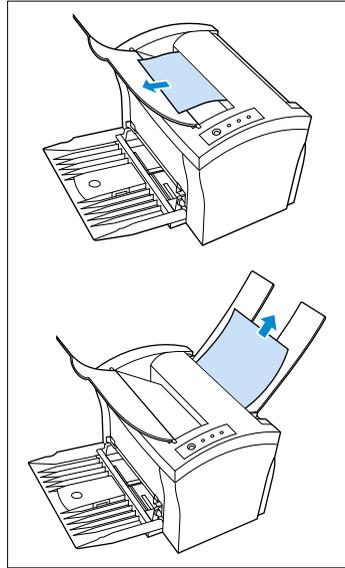
- 1 Carefully pull the misfed sheet(s) out of the tray concerned.

Top:

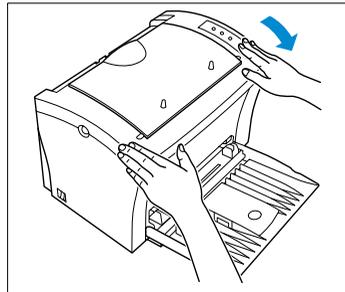
Face-down tray

Bottom:

Face-up tray (optional)

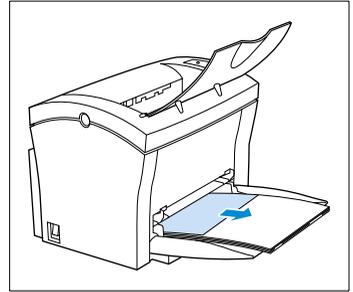


- 2 Open the top cover and close it again in order to reset the printer.

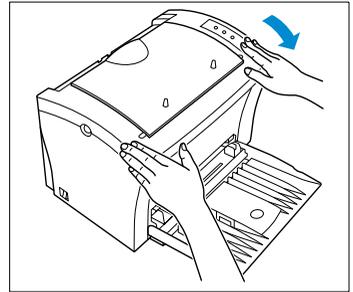


Clearing a paper misfeed at paper feed tray 1

- 1 Carefully pull the misfed sheet(s) out of the tray.

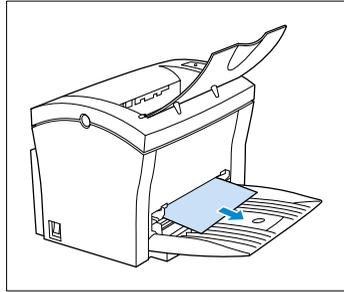


- 2 Open the top cover and close it again in order to reset the printer.

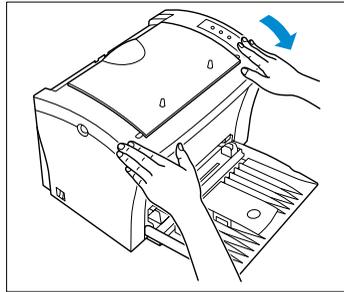


Clearing a paper misfeed at the manual feed unit

- 1 Carefully pull the misfed sheet out of the unit.

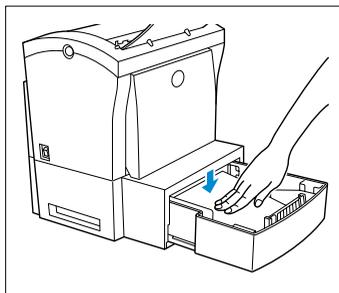


- 2 Open the top cover and close it again in order to reset the printer.

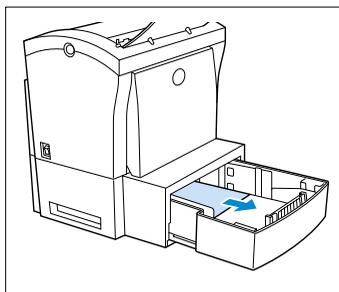


Clearing a paper misfeed at paper feed tray 2 (optional)

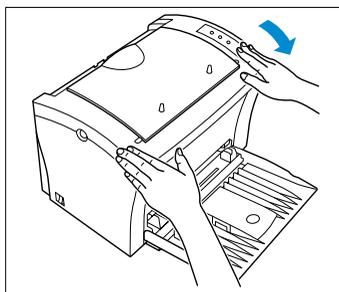
- 1 Pull the cassette out of the tray and remove the cover.
- 2 Press down the stack of paper so that the lifting plate underneath locks in place.



- 3 Remove the stack of paper from the cassette and carefully pull the misfed sheet(s) out of the tray.



- 4 Open the top cover and close it again in order to reset the printer.

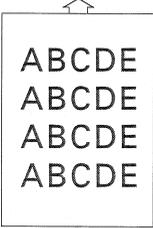
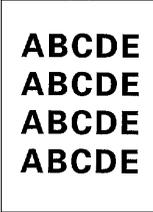
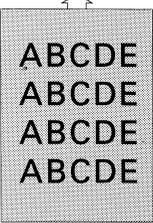


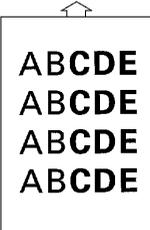
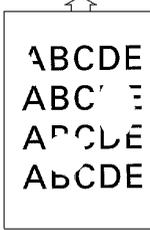
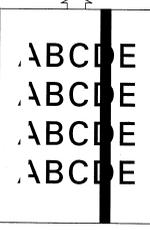
10.2 Problems with print quality

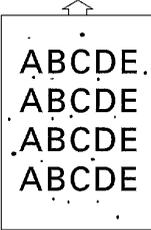
If you are having problems with print quality, follow these steps:

- Remove the toner cartridge and shake it back and forth carefully to distribute the remaining toner evenly.
- Remove the toner cartridge and check it for damage. If necessary, replace it with a new cartridge, see page 9-5.
- Remove the image transfer roller and check it for damage. If necessary, replace it with a new roller, see page 9-8.
- Clean the inside of the printer, see page 9-2.
- Deactivate the Toner Save feature in the printer console and try another sample print-out, see page 6-3.

Problem	Possible cause	Action
<p>Blank pages</p> 	<p>The toner cartridge is empty or damaged.</p>	<p>Remove the toner cartridge and check it for damage. If necessary, fit a new toner cartridge, see page 9-5.</p>
<p>Black pages</p> 	<p>The toner cartridge is damaged.</p>	<p>Remove the toner cartridge and check it for damage. If necessary, fit a new toner cartridge, see page 9-5.</p>

Problem	Possible cause	Action
<p><i>Print-out is too light</i></p> 	<p>The Toner Save mode has been activated.</p>	<p>Check the setting in the printer driver and in the printer menu. Change the setting and try it again.</p>
	<p>The toner density is not set correctly in the print menu.</p>	<p>Set the toner density to the desired level, see page 6-3.</p>
	<p>Insufficient toner in the cartridge.</p>	<p>Lift out the toner cartridge and shake it in order to improve the distribution of the remaining toner. If the problem persists, fit a new cartridge, see page 9-5.</p>
	<p>The toner cartridge is damaged.</p>	<p>Remove the toner cartridge and check it for damage. If necessary, fit a new toner cartridge, see page 9-5.</p>
<p><i>Print-out is too dark</i></p> 	<p>The toner cartridge is damaged.</p>	<p>Remove the toner cartridge and check it for damage. If necessary, fit a new toner cartridge, see page 9-5.</p>
	<p>The toner density is not set correctly in the print menu.</p>	<p>Set the toner density to the desired level, see page 6-3.</p>
<p><i>Blurred background on the print-out</i></p> 	<p>The toner cartridge is damaged.</p>	<p>Remove the toner cartridge and check it for damage. If necessary, fit a new toner cartridge, see page 9-5.</p>

Problem	Possible cause	Action
<p>Uneven toner density on the print-out</p> 	<p>The toner cartridge is damaged.</p> <p>The image transfer roller is damaged.</p> <p>Insufficient toner in the cartridge.</p>	<p>Remove the toner cartridge and check it for damage. If necessary, fit a new cartridge, see page 9-5.</p> <p>Remove the image transfer roller and check it for damage. If necessary, fit a new image transfer roller, see page 9-8.</p> <p>Lift out the toner cartridge and shake it in order to improve the distribution of the remaining toner. If the problem persists, fit a new cartridge, see page 9-5.</p>
<p>Blank spots on the print-out, text missing</p> 	<p>The paper is moist because of high humidity in the air or from being splashed with water.</p>	<p>Print the job again on dry paper.</p>
<p>White or black lines on the print-out</p> 	<p>The toner cartridge is damaged (white lines).</p> <p>The image transfer roller is damaged (black lines).</p>	<p>Remove the toner cartridge/ image transfer roller and check it for damage. If necessary, fit a new toner cartridge/image transfer roller.</p>

Problem	Possible cause	Action
<p data-bbox="277 165 450 210"><i>Toner smudges on the print-out</i></p> 	<p data-bbox="472 165 739 188">The toner cartridge is damaged.</p>	<p data-bbox="761 165 1025 252">Remove the toner cartridge and check it for damage. If necessary, fit a new toner cartridge, see page 9-5.</p>
	<p data-bbox="472 268 739 290">Insufficient toner in the cartridge.</p>	<p data-bbox="761 268 1025 376">Lift out the toner cartridge and shake it in order to improve the distribution of the remaining toner. If the problem persists, fit a new cartridge, see page 9-5.</p>
	<p data-bbox="472 395 739 418">The paper feed roller is dirty.</p>	<p data-bbox="761 395 992 437">Clean the paper feed roller, see page 9-2.</p>

10.3 General print problems

Problem	Possible cause	Action
<i>No output</i>	The printer is not connected to the power supply, or the cable is not connected to the printer.	Check the power connection and the interface connection to the printer.
	The printer is not switched on	Switch the printer on.
	You are using the wrong type of interface cable.	Check whether the interface cable type conforms to the specifications, see page 11-3
	The connection settings were not made correctly for your printer.	Check the connection settings of the printer.
	The parallel port on your computer is also being used for other equipment (e. g. scanner, ZIP drive).	Disconnect the other equipment and operate the printer via this port.



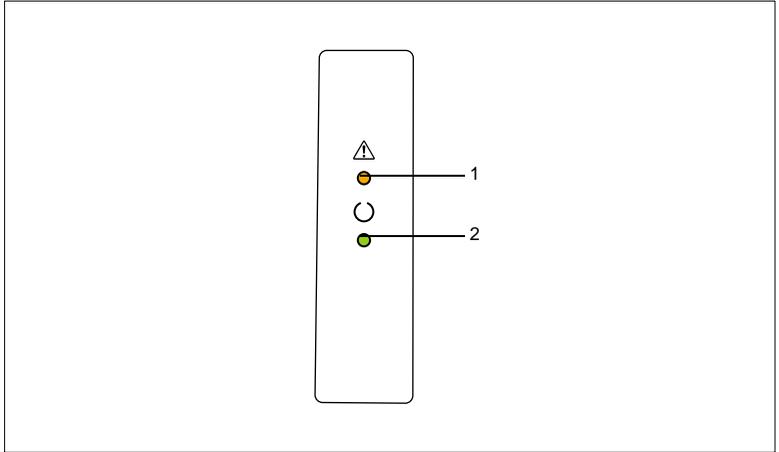
Further information and assistance...

*can be found in the Internet under "www.minoltaeurope.com".
Navigate to service/printer help (FAQ).*

10.4 Printer messages

Indicator lamp functions

The lamps on the control panel provide information on the status of the printer.



The control panel has two indicator lamps.

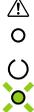
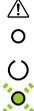
No.	Description	No.	Description
1	Fault lamp (amber)	2	Stand-by lamp (green)

The table below shows the possible states of the lamps.

State	Meaning
	Lamp flashing
	Lamp on permanently
	Lamp off

Status messages

Status messages indicate the current condition of the printer.

Lamps	Meaning	Lamps	Meaning
	Printer is switched off		Printer is ready for operation
	Printer is switched on and running a self-test		Lamp flashes when printer is: <ul style="list-style-type: none"> receiving data processing data printing in warm-up phase
	(slow flashing) Printer is in Power Save mode		

User messages

These messages indicate faults which need to be rectified by the user before a print job can be continued or the printer switched back to “Stand-by”.

Lamps	Meaning	Action
  	Top cover is open.	Close top cover.
	Paper misfeed	Clear the misfeed, see page 10-2, and then continue with the print job.
	No paper in feed tray.	Load paper into the appropriate tray.
  	A paper format different to that set in the printer driver has been fed into the printer.	Load paper with the appropriate format into the paper feed tray.
	No paper in manual feed unit	Place a sheet in the manual feed unit and press the control button.
	No paper in feed tray selected in printer driver.	Load paper into the appropriate feed tray.

Service messages

These messages indicate more serious faults that can only be rectified by a customer service engineer.

If one of these messages is signalled, switch the printer off and then on again. If the problem persists, contact your technical customer service centre.

Lamps (flashing alternately)	Meaning	Action
	<p>Transmission error</p> <p>System error or a fault with the laser unit</p>	<p>Switch the printer off and then on again. If the problem persists, contact your technical customer service centre.</p>
		

11 Appendix

11.1 Features

Hardware

In terms of hardware, the PagePro 1100L offers you:

- compact design,
- true 600 dpi resolution,
- printing of up to 10 pages per minute (A4/Letter),
- compact, easy-to-install toner cartridge and image transfer roller
- Fine Micro Toning-Kartuschen für klarere und schärfere Bildausdrucke.

Software

In terms of software, the PagePro 1100L offers you:

- special features like watermarks, multiple document pages per print page,
- Windows Status Monitor – simultaneous display of printer status information and progress of current print job.

Operating System

The PagePro 1100L can be used with the following operating systems:

- Windows 95;
- Windows 98;
- Windows NT 4.0.

11.2 Technical specification

PagePro 1100L Printer

Technical specification	
Type	Desktop laser beam printer
Print system	Electrostatic dry powder imaging system
Exposure system	Laser diode + polygon mirror scanning
Resolution	600 dpi × 600 dpi, 300 dpi × 300 dpi
Print speed	10 pages per minute (A4/Letter)
First print	Within 19 seconds (A4/Letter)
Warm-up time	23 seconds or less
Paper sizes	A4, A5, JIS B5, Letter, Legal, Executive, Commercial 10, Monarch, DL, C5 and B5 envelopes, non-standard sizes
Paper/Media	<ul style="list-style-type: none"> • Plain paper (60 to 90 g/m²) • Recycled paper (60 to 90 g/m²) • Transparent film • Envelopes • Thick paper (90 to 163 g/m²) • Labels • Letterheads
Paper feeding	<ul style="list-style-type: none"> • Multipurpose tray • Manual feed unit
Input capacity	150 sheets
Output capacity	<ul style="list-style-type: none"> • Face-down tray: 100 sheets • Face-up tray: 20 sheets
Operating temperature	10° to 35° C (with fluctuation of 10°C per hour)
Operating humidity	15 to 85 % (with fluctuation of 20% per hour)
Toner cartridge	6000 A4/Letter-size prints with a black-to-white ratio of 5% or less. (The toner cartridge supplied with the printer is capable of producing approx. 3000 A4/Letter-size prints.)
Image transfer roller	20 000 A4/Letter-size prints with a black-to-white ratio of 5% or less
Power supply	220-240 V, 50-60 Hz
Power consumption	700 W or less
Amperage	3.0 A or less (220 V)
External dimensions (without second paper feed tray)	Height: 260 mm Width: 380 mm Depth: 222 mm
Weight	Approx. 7 kg
Interface	Centronics Parallel (IEEE 1284B/ECP)
CPU	Mitsubishi M38073M4 12 MHz
Standard memory	4 MB (no expansion possible)

Technical specification	
Options	<ul style="list-style-type: none"> • Second paper feed tray • Face-up tray

Second Paper Cassette tray (option)

Technical specification	
Paper feed tray	Standard cassette: A4 Options: Letter, JIS B5, Legal, Executive
Paper/Media	<ul style="list-style-type: none"> • Plain paper (60 to 90 g/m²) • Recycled paper (60 to 90 g/m²)
Capacity	Up to 500 sheets
External dimensions	Height: 125 mm Width: 380 mm Depth: 323 mm
Weight	Approx. 4 kg

Interface connector and Cable

Technical specification	
Connectors	Printer: Parallel 36-pin connector Computer: EIA 25-pin connector
Cable typ	Shielded Each signal and earth pair should be twisted
Pin assignments	IEEE 1284, type-B connector



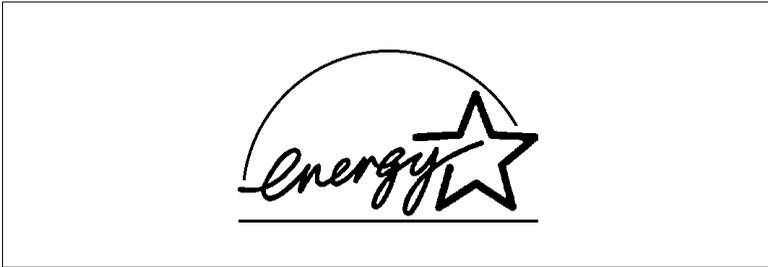
CAUTION

Scorched cable and danger of fire from cable!

- Minolta undertakes no guarantee for any specific cable. The user is responsible for the quality and performance of the cable.

11.3 Minolta's concern for environmental protection

What does the energy star mean?



Laser printers with the Energy Star[®] feature switch into a state with low power consumption if they have not been used for a certain amount of time. This function can reduce your electricity costs by up to 60%.

This laser printer fulfills the energy efficiency criteria for the Energy Star[®] of the EPA (US Environmental Protection Agency).

11.4 CE symbol (Declaration of Conformity)

We hereby declare that we are responsible for ensuring that the printer and the options to which this declaration relates comply with the specifications given below. This declaration shall only apply to the area of the European Union (EU).

Product Type		Laser Beam Printer
Product Name		PagePro 1100
Options		<ul style="list-style-type: none"> • Second Paper Cassette tray (4148-601) • Face-Up Tray (4121-06333) • Network Interface Card (4625-131) • Expansion Memory (DIMM)
Standard	Safety	<ul style="list-style-type: none"> • EN60950/1992 with Amendments 1, 2, 3 and 4 Safety of information technology equipment, including electrical business equipment • EN60825-1/1994 with Amendment A11 Radiation safety of laser products, equipment classification, requirements and user's guide
	EMC	<ul style="list-style-type: none"> • EN55022 (Class B)/1998 Limits and method for measurement of radio disturbance characteristic of information technology equipment (ITE) • EN55024/1998 Information technology equipment – immunity characteristics – Limits and methods of measurement • EN61000-4-2/1995 EMC, Part 4: Testing and measurement techniques Section 2: Electrostatic discharge immunity test • EN61000-4-3/1996 EMC, Part 4: Testing and measurement techniques Section 3: Radiated, radio-frequency electromagnetic field immunity test • EN61000-4-4/1995 EMC, Part 4: Testing and measurement techniques Section 4: Electrical fast transient/burst immunity test • EN61000-4-5/1995 EMC, Part 4: Testing and measurement techniques Section 5: Surge immunity test • EN61000-4-6/1996 EMC, Part 4: Testing and measurement techniques Section 6: Conducted disturbances induced by radio-frequency fields – Immunity test • EN61000-4-8/1993 EMC, Part 4: Testing and measurement techniques Section 8: Power-frequency magnetic field immunity test • EN61000-4-11/1994 EMC, Part 4: Testing and measurement techniques Section 11: Voltage dips, brief interruptions and voltage variations immunity test
EC Directive	Safety	72/23/EEC
	EMC	89/336/EEG and 93/68/EEC

This unit must be operated with a shielded (parallel) interface cable and a shielded network cable (10/100Base-T). The use of non-shielded cable can result in radio interference and is forbidden according to EC Regulation 89/336/EEC.

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