Océ TDS400

Quick Reference Manual

Océ-Technologies B.V.

This manual contains an abridged functional and task oriented description of the Océ TDS400 multifunctional digital system release 2.0

Trademarks

Products in this manual are referred to by their trade names. In most, if not all cases, these designations are claimed as trademarks or registered trademarks of their respective companies.

Safety information

This manual contains the following safety information:

- Appendix B lists 'Instructions for safe use'. ***You are advised to read this information before you start to actually use the system.*** Technical safety information such as safety data sheets can also be found in appendix B.
- Where applicable, cautions and warnings are used throughout this manual to draw your attention to safety precautions to be taken.

Internet

Check Océ on the internet at www.oce.com for:

- the latest drivers
- product development

Edition 2003-7

GB

Contents

Chapter 1
Introduction

This chapter contains a general introduction to the Océ TDS400. It includes a general description of the main features, delivery options and software applications provided with the system.

The Océ TDS400 Quick Reference Manual

In this Quick Reference Manual you find the information to work with the Océ TDS400. Find more information in the Océ TDS400 user manual on the CD-ROM. Check ‘www.oce.com’ for new version of the documentation and the drivers.

The parts of the Océ TDS400

The Océ TDS400 is a multifunctional system to print, to scan to file and to copy wide format documents. The total system has standard parts and optional parts.

The parts

The printer (part 5 on the front flap) makes the output.

The Océ Power Logic® controller (part 9 on the front flap) Processes the print jobs and the copy jobs. It also processes the optional scan-to-file jobs.

The scanner (part 1 on the front flap) Scans your originals. You can print the originals (copy job) or you can store the scanned original in a file (Océ Scan Logic®).

The output delivery tray (part 3 on the front flap) Collects a number of copies behind the printer, as they are printed.

The folder folds the output and adds reinforcement strips with optional reinforcement unit.

Note: *you can only use the output delivery tray or the folder.*

The rolls (part 11 on the front flap). You can have one or two rolls.

The compact output stacker Collects prints and copies. The compact output stacker is optional.

The graphical user interface (GUI) (part 8 on the front flap) Enables you to check the Océ TDS400 system. The GUI includes a monitor, a keyboard and a mouse which connect to the controller. A controller cabinet is available to store the controller and GUI.

Océ Remote Logic® A suite of applications to monitor and manage the TDS400 from any networked location.

Drivers and Job submission software: Enables you to print from AutoCAD®, Windows or Macintosh applications. For job submission you can use also Océ Print Exec Workgroup (optional).

Océ Scan Logic® You can scan your originals to a file to use the files in other applications or to print the files.

Adobe® PostScript® 3™ Enables you to print the Postscript level 3™ files and Portable Document Files (PDF).

Océ Account Center enables you to manage the account information of the print, copy and scan-to-file jobs with Océ Account Logic and Océ Account Console.

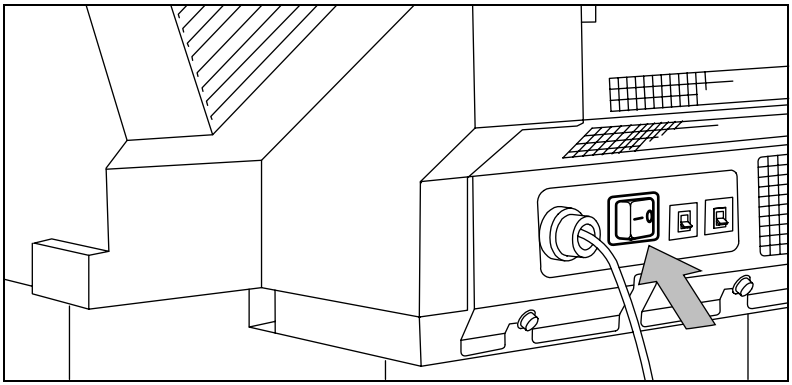
Turning the printer and scanner on or off

▼ **Turn the printer on**

1 Set the power switch on the back of the printer to position ‘1’ (see figure 1). The green light lights up if the you correctly connect the power supply.

▼ **Turn the printer off**

1 Set the power switch on the back of the printer to position ‘0’ (see figure 1). The green light expires.
Note: *The compact output stacker receives the power from the printer. It does not have a separate power supply.*



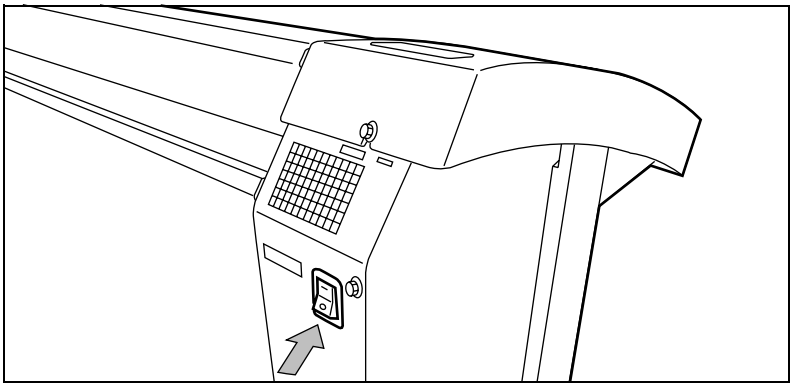
[1] The power switch on the printer

▼ **Turn the scanner on**

1 Set the power switch on the back of the scanner to position ‘1’ (see figure 2). The green light lights up if you correctly connect the power supply.

▼ **Turn the scanner off**

1 Set the power switch on the back of the scanner to position ‘0’ (see figure 2). The green light expires.



[2] The power switch on the scanner

▼ **Turn the controller on**

1 Press the button on the front of the controller.
The controller turns on.

▼ **Turn the controller off**

1 Select the 'Shut down' option from the Océ System Control Panel. You can do this through both the controller and through Océ Remote Logic .
2 Switch off the controller and the monitor.
3 Set the power switch at the rear of the printer to position '0' (see figure 1).
Note: *If you turn off the printer during a print job, you can loose information or get a paper jam.*
Note: *If you turn the printer off, wait at least 5 seconds before you restart the system.*

Chapter 2
The Océ TDS400 to print

This chapter shows you how to print with the Océ TDS400. Find more information in the Océ TDS400 user manual on the CD-ROM.

Print on the Océ TDS400 printer

Before you can print, the service technician must install and set the Océ TDS400 printer according to the connectivity manual. Print the files from your application through a driver or through programs like Océ Print Exec Workgroup (optional).

The Océ TDS400 holds the following protocols with TCP/IP:
- Line Printer Daemon (LPD)
- File Transfer Protocol (FTP)
- Server message blocks (SMB)

See the user manual how to use these protocols.

The printer operator panel

Operate the printer through the printer operator panel. The printer operator panel has a display and six keys as shown on the back flap.

The keys

The red 'stop' key enables you to cancel a print or copy job.

▼ **Stop a print job**

1 Press the red 'stop' key on the printing operator panel.
The current print job stops.
Note: *You can stop the print jobs with Océ Queue Manager (See the user manual).*

The green 'on-line' key The 'on-line' key lets you enter the settings mode of the printer. See the user manual for all the settings.

▼ **Set the printer off-line**

1 Press the green 'on-line' key.
The upper line on the display reads 'off-line'. The printer is in 'off-line' mode.
The 'on-line' light is off.

▼ **Set the printer on-line**

1 Press the green ‘on-line’ key.
The printer is prepared to print. The ‘on-line’ light is on.

The ‘next/select’ key To select an option in the menu. If a submenu is present, enter a menu on a lower level.

The ‘previous’ key Press this key to go one level up in the menu.

The browse keys (left ◀, right ▶) Use these two keys to display the next or previous option.

The display

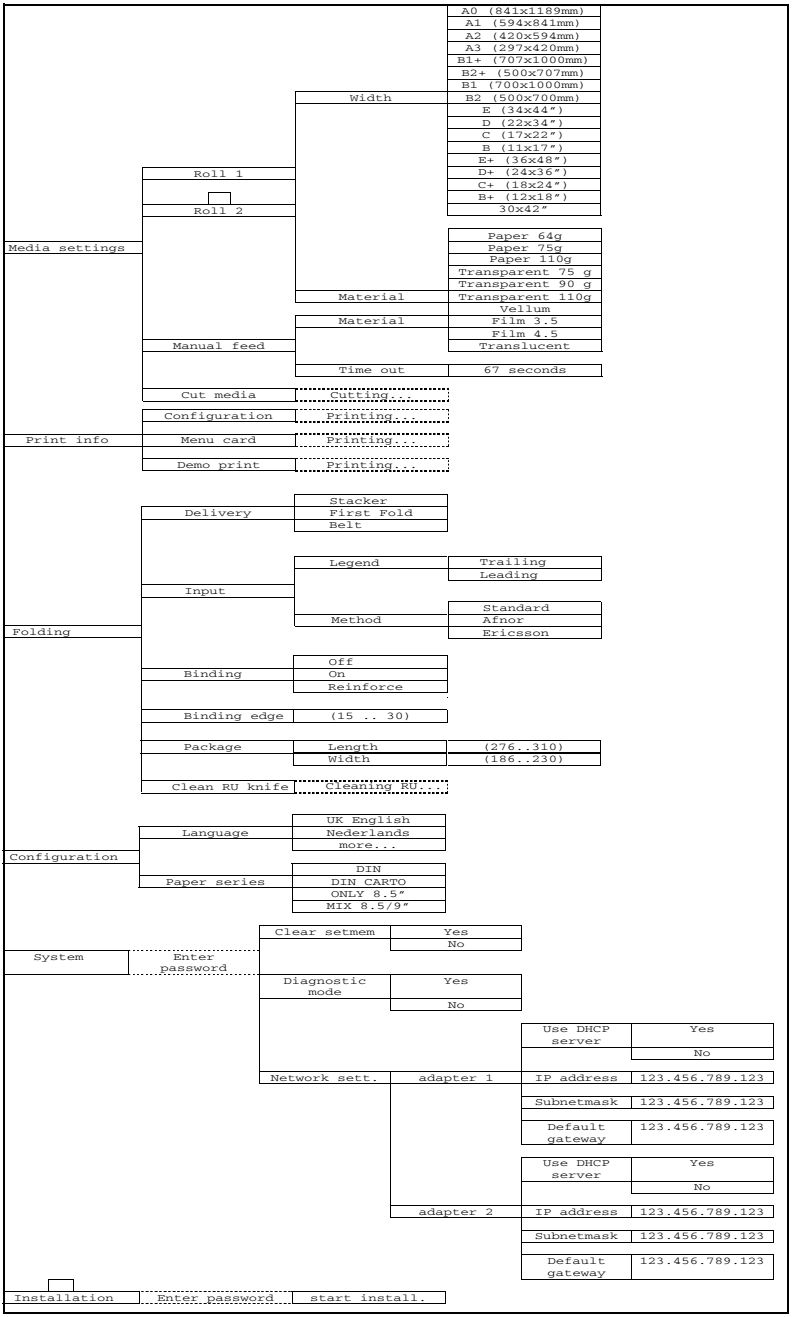
The display shows the feedback about print job status (see tables below) in normal mode. In off-line mode it shows the ‘off-line’ menu (see figure 3 on page 19).

Status Messages	
Status messages	Explanation
Off-line	The printer is off-line. Change options.
Reset printer	Turn the printer off and turn the printer on.
Connecting.....	There is no communication between the controller and the printer. Wait until there is communication.
Printer asleep	The printer is in low power mode. The energy is saved.
Please wait	The printer downloads the language. Wait until the printer is prepared to operate.
Printer ready	The printer is prepared to print.
Preparing job	The printer prepares a print or copy job.
Printing	The printer prints.
Load roll 1 A2 Paper	The printer detects that the required media is not available on roll 1. Fill roll 1 with the indicated media.
Load roll 2 A2 Paper	The printer detects that the required media is not available on roll 2. Fill roll 2 with the indicated media.
Manual feed A2 Paper	The printer detects that the required media is not available in the manual feed. Put the required media in the manual feed.

Status Messages	
Status messages	Explanation
Open left cover Refill toner Press <on-line>	The toner container is empty. Refill the toner container.
Conditioning	The toner concentration is too low. Wait until the toner concentration is at the correct level.
Printer ready Roll 1 empty	The paper roll 1 is empty. Reload roll 1.
Printer ready Roll 2 empty	The paper roll 2 is empty. Reload roll 2.
Printer running Roll 1 empty	The paper roll 1 is empty. Reload roll 1 after the printers stops printing.
Printer running Roll 2 empty	The paper roll 2 is empty. Reload roll 2 after the printers stops printing.
Job cancelled	The current print or copy job is cancelled
Close roll unit	The roll unit is open. Close the roll unit.
Sensor not free Remove paper Press <on-line>	The paper of one of the rolls is transferred after the marker (see 'The paper rolls' on page 44) when power is applied to the printer. Take the paper back. Press <on-line>
Paper retracted Press <on-line>	Put the paper into the manual feed. Press <on-line>
Copy too short Remove paper Press <on-line>	The length of the print material is less than 420 mm. This can occur with the manual feed. Use an original longer than 420 mm.
Inputflap open Close inputflap	The input flap is open. Close the input flap.
Inputflap open Remove paper Press <on-line>	The input flap is open during the print process Remove the paper and press <on-line>.
Roll 1 empty Open roll unit	The paper on roll 1 is empty. Open the roll unit and replace it.
Roll 2 empty Open roll unit	The paper on roll 2 is empty. Open the roll unit and replace it.
Wait for folder	The communication between the printer and the folder starts up.
Folder is off	The communication between the printer and the folder was not established.
Folder belt full	The belt of the folder is full. Empty the belt of the folder.
RU tape empty	The tape roll of the reinforcement unit is empty. Open the reinforcement unit and replace the empty tape roll.

Error Messages	
Error messages	Explanation
Copy too late Remove paper Press <on-line>	The copy is too late at the paperpath output sensor Remove the print material.
Speed failure Remove paper Press <on-line>	A paper jam occurred. Remove the paper jam and press <on-line>
Knife 1 error Remove paper Press <on-line>	An error occurred during the cut of the roll. Check the paper in the roll unit and remove if necessary. Press <on-line>.
Knife 2 error Remove paper Press <on-line>	An error occurred during the cut of the roll. Check the paper in the roll unit and remove if necessary. Press <on-line>.
Roll retract err Press <on-line>	Print material error when the roll unit takes back the printer.
Roll init error Open roll unit Press <on-line>	A sensor of the roll unit is activated when power is applied to the printer. Open the roll unit. Guide the paper to the marker (see 'The paper rolls' on page 44). Press <on-line>
Input too late Open roll unit Press <on-line>	The input sheet is too late. Open the roll unit If necessary, withdraw roll and rewind Press <on-line>
Deposit error Press <on-line>	An error in the compact output stacker occurred. The compact output stacker stops. The print process continues. Press <on-line>.
Illegal language on controller using UK English Press <on-line>	The controller has an illegal language. The controller uses the English language instead of the selected language. Call service. Press <on-line>
Close roll unit Rewind paper Press <on-line>	While you printed, the roll unit opened. Rewind the paper. Close the roll unit. Press <on-line>
Error 1st fold	A paper jam occurred in the first fold section of the folder. Clear the paper jam. Press <on-line>

Error Messages	
Error messages	Explanation
Error in folder	A tape jam occurred in the reinforcement unit or a paper jam occurred in the folder. A paper jam can occur in the transport section of the folder or in the reinforcement unit of the folder. Clear the tape jam or clear the paper jam. Press <on-line>
Error 2nd fold	A paper jam occurred in the second fold section of the folder. Clear the paper jam. Press <on-line>
Wrong format	The folder detected a paper format other than specified at the printer operator panel. Correct the format the printer operator panel. Press <on-line>



[3] Menu structure printer operator panel

The selection of the language

On the operator panel of the Océ TDS400 Printer you indicate which language you use to display the printer information. For example status and error messages.

▼ **Select a language**

1. Press the ‘on-line’ key to put the printer off-line.
2. Select the ‘Configuration’ item with the ◀ or ▶ key.
3. Press ‘next/select’ to enter the ‘Configuration’ menu.
4. Select ‘Language’ with the ◀ or ▶ key.
5. Press ‘next/select’ to enter the ‘Language’ menu.
6. Select the needed language with the ◀ or ▶ key.
7. Press ‘next/select’ to confirm the selected language.
8. Press ‘on-line’ to put the printer on-line.
9. Turn the printer off and on to download the selected language.

Print the configuration report

The configuration report shows the configuration and the settings of the system.

1. Press the ‘on-line’ key to put the printer off-line.
2. Select the ‘Print info’ item with the ◀ or ▶ key.
3. Press ‘next/select’ to enter the ‘Print info’ menu.
4. Select the ‘Configuration’ item with the ◀ or ▶ key.
5. Press ‘next/select’ to print the configuration report.
6. Press ‘on-line’ to put the printer on-line.

Note: *You can change the settings of the Océ TDS400 through the Océ Settings Editor. See the user manual for complete information.*

Print the menu card

You can print the menu of the printer, to guide you through the menu.

1. Press the ‘on-line’ key to put the printer off-line.
2. Select the ‘Print info’ item with the ◀ or ▶ key.
3. Press ‘next/select’ to enter the ‘Print info’ menu.

4 Select the ‘Menu card’ item with the ◀ or ▶ key.
5 Press ‘next/select’ to print the menu card.
6 Press ‘on-line’ to put the printer on-line.

Print a demo print

After the installation of the Océ TDS400, you can print a demo print, to check the printer and the controller.

▼ **Print a demo print**

1 Press the ‘on-line’ key to put the printer off-line.
2 Select the ‘Print info’ item with the ◀ or ▶ key.
3 Press ‘next/select’ to enter the ‘Print info’ menu.
4 Select the ‘Demo print’ item with the ◀ or ▶ key.
5 Press ‘next/select’ to print the demo print.
6 Press ‘on-line’ to put the printer on-line.

Cancel a print

Cancel a print before you start the print or during the print.

▼ **Cancel a print**

1 Press the ‘stop’ key.
The printer stops.
When the printer runs, the paper is cut.
The paper ejects.

Print with Océ Print Exec® Workgroup

Introduction

Océ Print Exec® Workgroup is an optional print job submission application which allows you to send print jobs to the Océ TDS400 through your web browser. Enable Océ Print Exec® Workgroup with a password in the Océ Settings Editor. Océ Print Exec® Workgroup allows you to do the following.

1. Select and collect the files to print (documents and drawings), in a print job.
2. Configure the print job.
3. Preview the files to print.
4. Submit the print job.
5. Check the print job and the printer configuration status.

Options

Océ Print Exec® Workgroup has the following options.

- View status information about the printer configuration and available media.
- View status information of submitted print jobs in the historic queue.
- Set the document or drawing settings.
- Set the job settings for a print job.
- Add a settings configuration for a print job.
- Add a maximum of 100 documents or drawings to a print job.
- Add documents or drawings from the Océ Doc Exec® archive.
- Add a stamp to the document or drawing.
- Add a banner to the print job.
- Preview the document or drawing before you print.
- Save and retrieve print jobs.
- Submit print jobs to printer queue or inbox queue.
- Manage serveral print jobs.

Connect to Océ Print Exec® Workgroup

Requirements for the browser software and network. ■

- Microsoft® Internet Explorer® 5.0 or higher versions, or
- Netscape Navigator® 6.0 or higher versions.
- TCP/IP network which connects the printer and the end user workstation.

▼ **How to connect to Océ Print Exec® Workgroup**

1. Enable Océ Print Exec® Workgroup in the Océ settings editor.
   (see 'Find system settings in the Settings Editor' on page 137).
2. Enter the following link URL in you browser: http://printer name.
   When you enter the URL for the first time, the required software is installed automatically at your workstation.

The documentation set

The complete documentation set of Océ Print Exec® Workgroup includes the following.

- The Océ Print Exec® Workgroup user manual
- On-line help files in the Océ Print Exec® Workgroup application.

Print with Océ Repro Desk

Introduction

Océ Repro Desk is the preferred print management solution for reprographers. Océ Repro Desk consists of the following two parts.

- Océ Repro Desk Remote software which facilitates the electronic submission of drawing files and print request from the clients to their reprographers.
- Océ Repro Desk Server which provides the reprographers with extensive print management and accounting functions to maximise the productivity of their print equipment assets.

The documentation set

The complete documentation set of Océ Repro Desk includes the following.

- The Océ Repro Desk Server
- The on-line help files in the Océ Repro Desk applications.

Chapter 3
The Océ TDS400 to copy

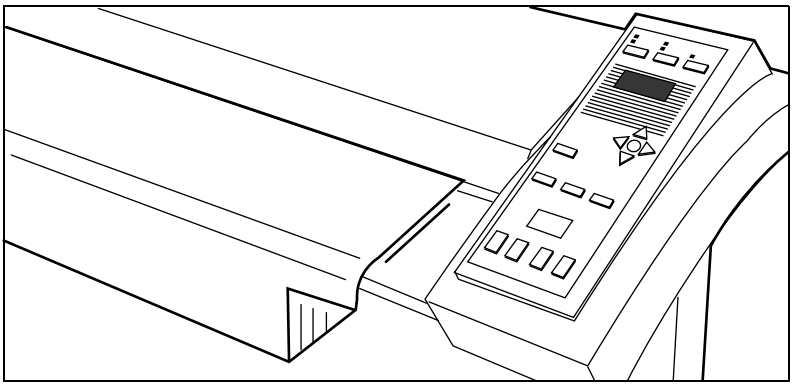
This chapter shows you how to copy with the Océ TDS400. Find more information in the Océ TDS400 user manual on the CD-ROM.

Copy on the Océ TDS400

Connect the scanner to the controller to copy.

▼ **Make a copy**

1. Insert the original face down.
2. Align the original right along the original guideline on the scanner feed table.
   You can see the line (see figure 4).
   The scanner moves the original approximately 1 cm to a defined position.
3. Press the 'start' key ◇ to copy.
   The printer prints the copy.



[4] Insert the original

▼ **Stop a job**

1. Press the Cancel key.
   Move of the original stops.
2. The scanner display shows the message 'Remove original', 'Press cancel'.
3. Open the scanner cover and remove the original (see figure 24).
4. Close the cover.
   Press the Cancel key. The message disappears on the scanner display.

The scanner operator panel

Make the settings with the scanner operator panel (see the back flap). The display gives you the feedback and the available menu options.

The keys

The input key Select a single original or a set originals.

The output key Select a copy or a file (scan to file) as your output.

The extra key This key allows you to enter the 'extra' mode of the scanner and return to the normal mode. Set the properties for the original, the scanned files and for the scanner in the 'extra' mode.

The browse keys (left ◀, right ▶) Move in one level of the menu structure as the display shows. Browse the preset zoom values.

The browse keys (up ▲, down ▼) Move between the levels of the menu structure as the display shows. Adjust the zoom value with an accuracy of 1 percent.

The confirm key Confirm the current setting in the menu structure. If you press the confirm key a second time in the current menu item, you restore the previous setting.

The strip key Press this key to add a 'leading' or a 'trailing' strip. The icon flashes. Use the browse keys (left ◀, right ▶, up ▲, down ▼) to **change** the value. The icon remains on if you press another settings key and select a different value than the default value.

The cancel key Press this key one time to set the copy counter to the default value. Press this key twice to change all settings to their default values. The scan stops if you press this key.

The - and + keys Change the number of copies.

The start key ◇ Press the green Start key ◇ to start the scan or to restart the copy process.

The zoom key Enters the zoom mode. The icon flashes. Use the browse keys (left ◀, right ▶) to browse the preset zoom values. Use the browse keys (up ▲, down ▼) to adjust the zoom value with an accuracy of 1 percent.

The exposure key enters the exposure mode. The icon flashes. Use the browse keys to change the exposure value.

The media key Select roll 1, roll 2 or manual feed. The equivalent icon is on.

The display

The display shows the feedback about the scan/copy job status (see table below) in normal mode. In off-line mode it shows the off-line menu (see figure 6 on page 31 and 7 on page 32).

Status Messages	
Status messages	Explanations
Scanner ready	The scanner is prepared to scan.
+ = add = close	Add an original to the set and press the start key . After the last scan of the set, remove the original and press the start key to close the set.
Connecting.....	There is no communication between the controller and the printer. Wait until the there is communication.
Scanner asleep	The printer is in low power mode.
Scanner running	The scanner scans.
Please wait	The scanner downloads the languages.
Remove original Press <cancel>	There is an original on the table during the turn on of the scanner. The message appears if you pressed the ‘cancel’ key while you scan. Remove the original. Press cancel.
Original too long Press <cancel>	Use an original shorter than 15 meter.
Wrong original type Press <cancel>	This message shows when you select ‘Background compensation’ and ‘Blueprint’ as original. Press cancel.
Set closed	You closed the copy set.
Reset scanner	Turn the scanner on and off.

Manual feed

▼ **Copy on pre-cut sheets**

1. Press the ‘media’ key on the scanner panel to select ‘manual feed’. The indicator lights.
   Note: *The minimum length of the print material must be 420 mm.*
2. Enter the number of copies.
3. Select width measurement of the original
4. Feed the original.
5. Press the ‘start’ key ◇.
6. Enter the type of the copy material on the printer operator panel.
7. Take your sheet of copy material to the side of the printer that contains the sheet feed (see figure 5).
8. Align the copy material with your hands to the format indication and the label on the manual feed table.
9. Move the copy material forward in the cut of the roller. A paper bulge must appear over the full width of the page.

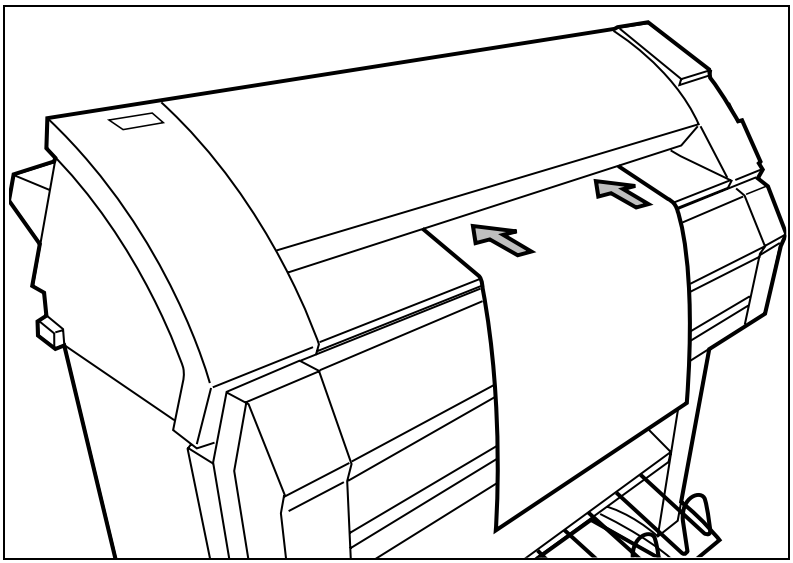
To copy sets

Use the input mode ‘set’ to copy sets of originals. The originals will be scanned sheet by sheet and the image information will be stored in memory. When you press the start key to close the set the printer prints the output.

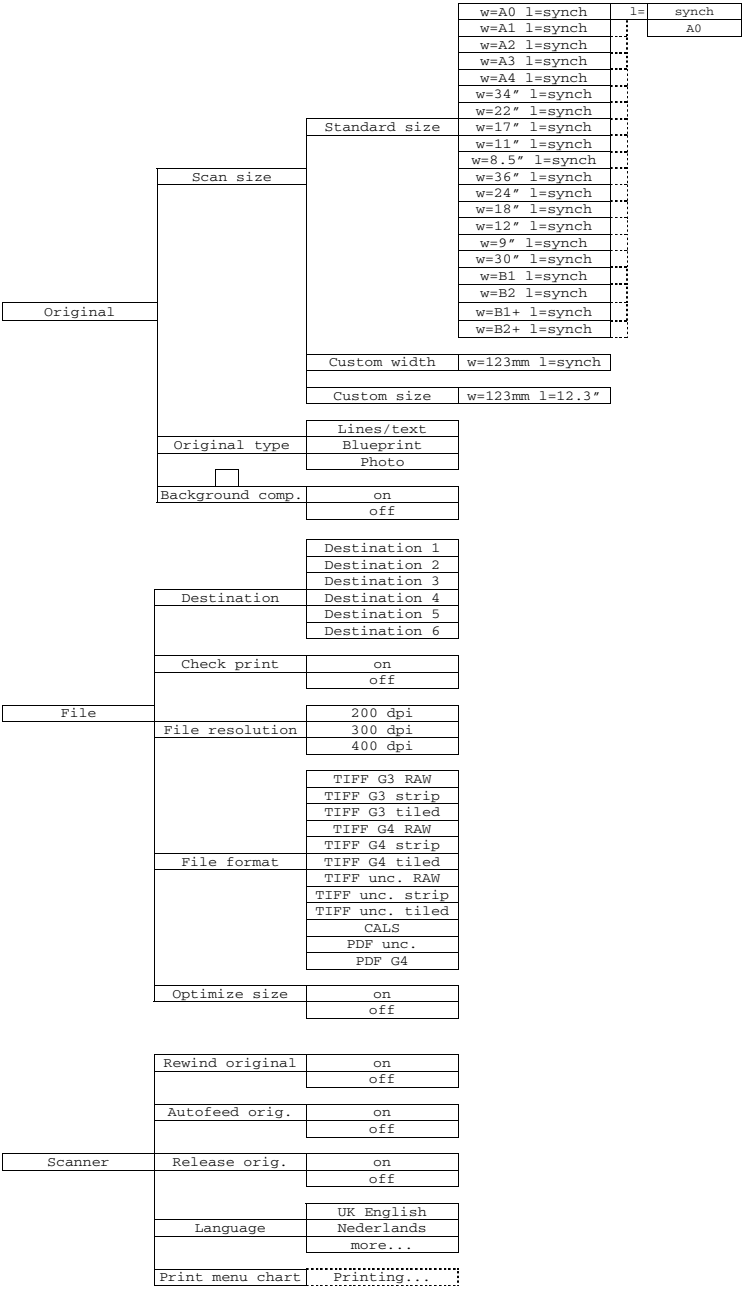
▼ **How to copy sets**

1. Press the ‘input’ key to select the input mode ‘set’.
2. Insert an original.
3. Add the originals to the set and press the Start key.
   After the last scan of the set, remove the original and press the Start key to close the set.

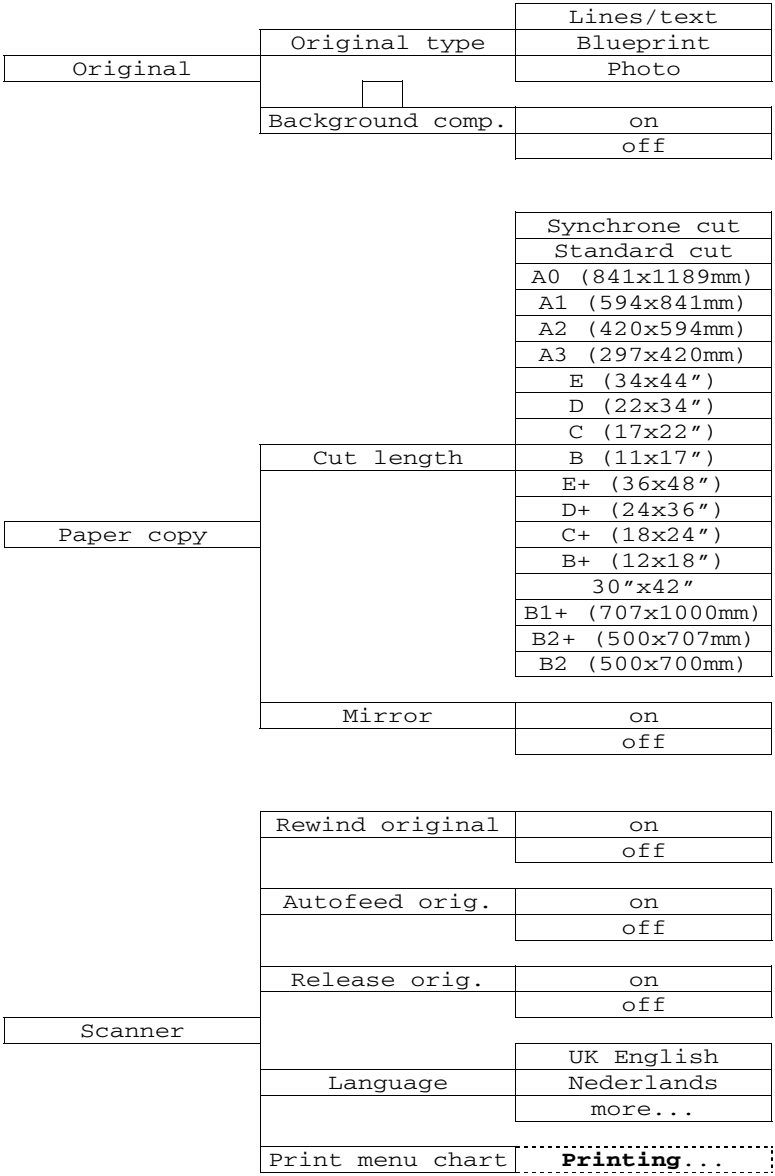
4 Hold the paper with your hands until the printer pulls in the first part of the sheet.
The bulge decreases or disappears. After a few seconds, the printer pulls the complete sheet.
Note: *If the copy job requires more sheets, the display indicates to feed the next sheet.*
5 Repeat the steps 7 to 10 to complete the job.
6 Collect your output.
Note: *The printer prints the image on the side of the sheet which is facing up.*



[5] Manual feed on the printer



[6] The menu structure file output mode



[7] The menu structure copy output mode

Chapter 4
Océ Scan logic®

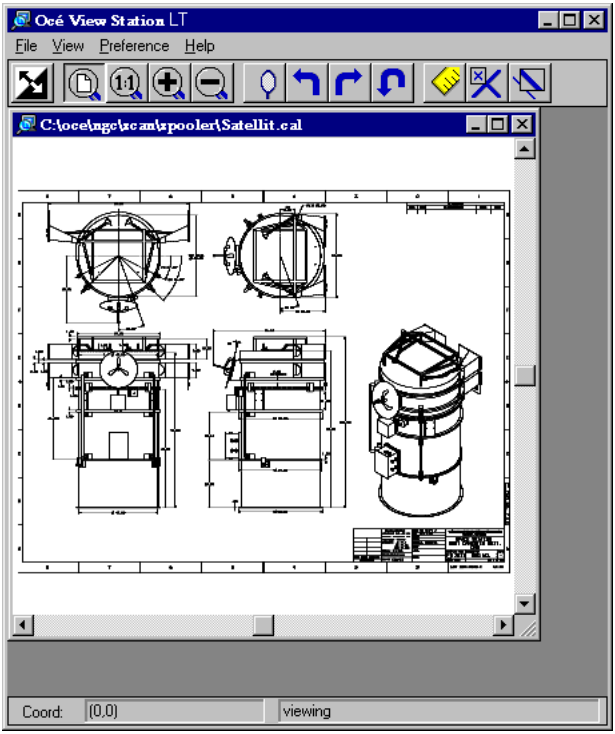
This chapter shows you how to scan to file with the Océ TDS400. Find more information in the Océ TDS400 user manual on the CD-ROM.

How to scan to file

Scan-to-file is an option on the Océ TDS400. Enable this option by purchasing a password (see the user manual for complete information).

▼ **Scan to file**

1. Insert the original face down.
2. Align the original right along the original guide on the scanner feed table. You must see the line (see figure 4 on page 26).
   The scanner moves the original approximately 1 cm to a defined position.
3. Select ‘output’ type ‘file’.
4. Press the ‘start’ key ◇ to scan.
   The original is scanned.
   Océ View Station LT on the controller starts and shows the result of the scan (see figure 8).



[8] Océ View Station LT

The scan settings

Press the ‘Extra’ key on the scanner operator panel to access the settings for scan to file (see figure 7 on page 32). The following options are available in the ‘File’ menu:

You can store your scan either in the temporary storage on the controller or you can store it on a network destination. You can define a maximum of six destinations in the Océ Scan Manager application. You can select one of these destinations on the scanner operator panel.

Check print A Check print is a print from the scanned original. You can turn the check print on or off.

File resolution The Océ TDS400 scan-to-file option can scan three resolutions: 200, 300 or 400 dots per inch (DPI). The higher the resolution, the better the image quality. Higher resolution also causes larger sizes of files.

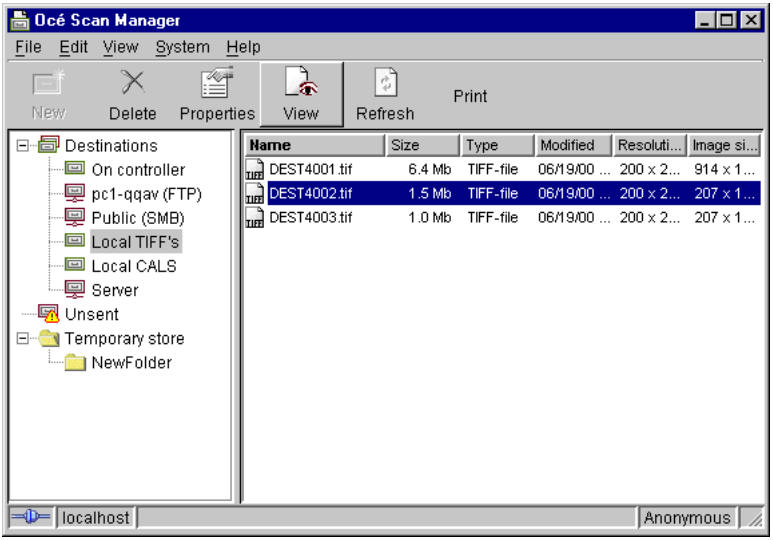
File format To define format of the scanned files, select between TIFF (Tagged Image File Format), CALS-I (Continuous Acquisition and Life Cycle support), or PDF (Portable Document Format). PDF can only be defined when PostScript 3® is enabled in the Océ Settings Editor.

Optimise size Select this option to decrease the size of the file and get good quality.

Set the scan size In the ‘Original’ menu.

Océ Scan Manager

The Océ Scan Manager (see figure 9) is an application available on the controller. Set the destinations for scan to file with the Océ Scan Manager. Define the automatic file description to increase your output. The left part displays a tree of folders with the destinations. The part on the right side displays a table view with the content of the folder you selected.



[9] Overview of the Océ Scan Manager application

The tree view

The tree view displays:

The collapsible destination tree If you scan to a identified destination, that destination is displayed **bold** and the equivalent icon changes. The destination you scanned to last, displays bold. If a scan-to-file is not sent to the correct remote destination, the file is stored in the 'Unsent' folder.

The collapsible temporary store tree When you scan the originals to a file, many files are created in the temporary store. You can clean the temporary store manually or automatically (for complete information see the user manual).

The table view

The table view (on the right side of figure 9 on page 36) displays the file names of the files in the opened destination or temporary folder.

The keys

If you scan to the opened destination, then the view automatically updates.

[10] The six keys on the toolbar

The 'New' key Creates a new destination.

The 'Delete' key Deletes a selected destination or file.

The 'Properties' key Shows and sets the properties of the selected file or destination. Use the 'Destination properties' dialogue box to define a file name for you scan-to-file job.

The 'View' key Shows the selected file in Océ View Station.

The 'Refresh' key Updates the open destination.

The 'Print' key Prints the selected file.

Chapter 5
Océ Account Center

This chapter shows the basics of what account logging is and how you use it with the Océ TDS400. Find more information in the Océ TDS400 user manual on the CD-ROM.

Océ Account Logic and Océ Account Console

Océ Account Center is an application to manage the account information of the print, copy and scan-to-file jobs. Océ Account Center consists of the following two applications.

- Océ Account Logic.
  Océ Account Logic requests the operator and the user to enter account information. The operator can enter the account information at the Océ Power Logic® controller for the copy and scan-to-file jobs. The user can enter the account information at the workstation for the print jobs. Océ Account Logic runs on the Océ Power Logic® controller and is available through Internet browser.
- Océ Account Console.
  Océ Account Console provides options to manage the account information. The system administrator uses Océ Account Console to define the contents of the account information in the dialogue boxes at the Océ Account Logic application. Océ Account Console runs on the workstation of the system administrator. Access to Océ Account Console application is password protected and limited to the system administrator.

Océ Power Logic® controller setup for Océ Account Logic

Before you begin to use Océ Account Logic, you must define the correct settings in the Océ Settings Editor.

System setting	Reference on	Path in Settings Editor
KO - System - Enabling passwords - Advanced Queue Manager	Use the correct password to enable the 'Advanced Queue Manager'	Advanced Queue Manager adds the'Inbox' feature to the Océ Queue manager. Océ Account Logic requires that you use the'Inbox'.
KO - System - Enabling passwords - Account logging	Use the correct password to enable account logging.	Before you can use Océ Account Logic, enable account logging on Océ Power Logic® controller
KO - System - Job management - Print jobs	Select 'Jobs in inbox'.	Océ Account Logic requires that all jobs are send to the 'Inbox'. **Note:** The print jobs that have valid account information are automatically moved from the Inbox to the Print queue. Enter the account information for the print jobs that do not have valid account information on the 'Print' tab of Océ Account Logic.

System setting	Reference on	Path in Settings Editor
KO - System - Job management - Rights for printing	Select ‘Special user’.	Océ Account Logic is a special user on the Océ Power Logic® controller.
KO - Scanner - Settings - Timers - Panel timeout	Océ advises you to set the panel timeout to the minimum value (30 seconds).	When the check box ‘The scanner locks when the scanner panel timeout expires‘ is checked in the ‘Define the account information requirements for the jobs’ section of the administration window, the user is required to unlock the scanner for the copy jobs and scan-to-file jobs. The scanner locks when the scanner panel timeout expires.

Note: *Please consult the Océ Account Center user manual and the on-line help in the application for detailed information.*

Chapter 6
Supplies and maintenance

This chapter shows you the following:

- Load media
- Refill toner and replace the waste toner bag
- Clean the glass platen and the reference roller of the scanner
- Clean the reinforcement unit

Find more information in the Océ TDS400 user manual on the CD-ROM.

Media

The Océ TDS400 has one or two rolls. You can provide the rolls on the Océ TDS400 with print material of a different size or type. The size and type of the available media are indicated on the operator panel.

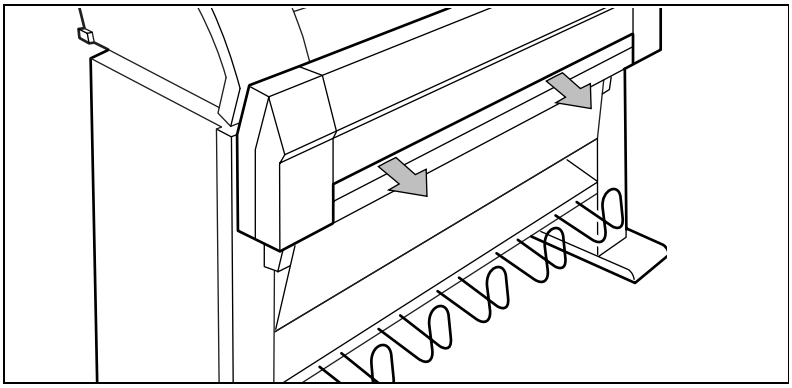
Attention: *After you load new print material, you tell the system the size of the material and the type of print material (paper, transparent, or polyester). See 'How to program media settings' on page 49 for complete information.*

The paper rolls

When a roll is empty during a print job, a 'Roll empty' message is displayed. This message appears on the printer operator panel and the System Control Panel application. You must load a new roll of print material.

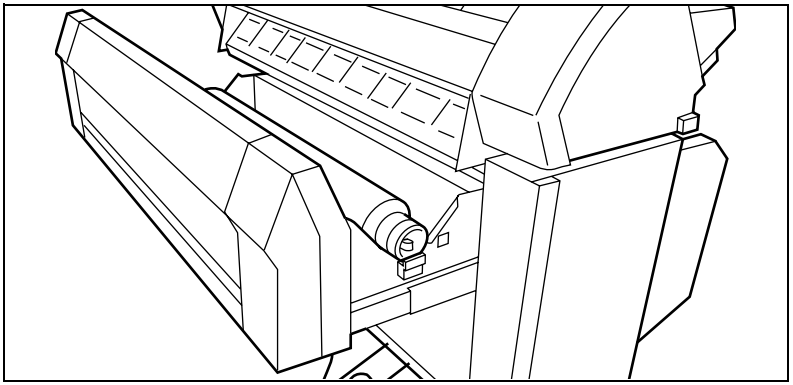
▼ **How to load roll 1**

1 Open the drawer completely (see figure 11).



[11] Open the drawer

2 Remove the roll holder from the drawer (see figure 12).

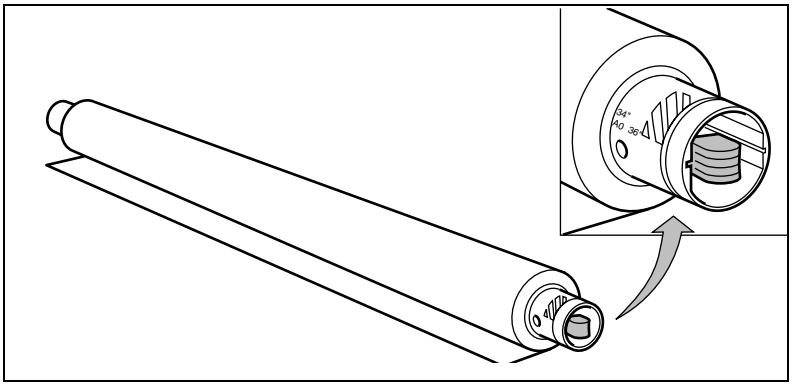


[12] Remove the roll holder from the drawer

3 Remove the empty core from the roll holder while you press the knob (see figure 13).

4 Slide the roll holder in the new roll of material while you press the knob (see figure 13).
You must have the knob on the right side.

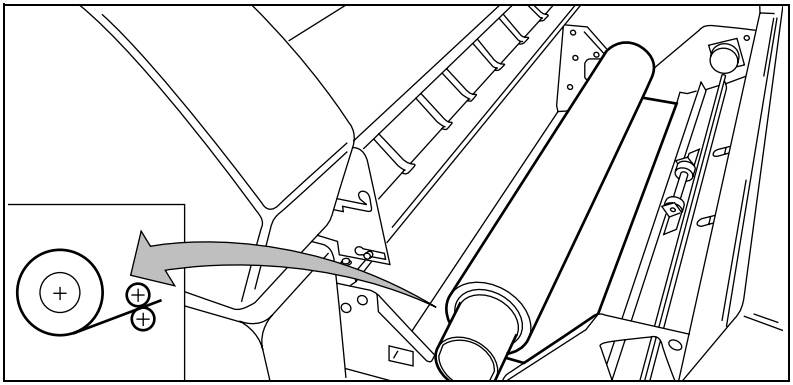
5 Align the paper with the format lines (see figure 13).



[13] Press the knob

6 Align the roll with the correct lines on the roll holder while you press the knob.
You must see this line.

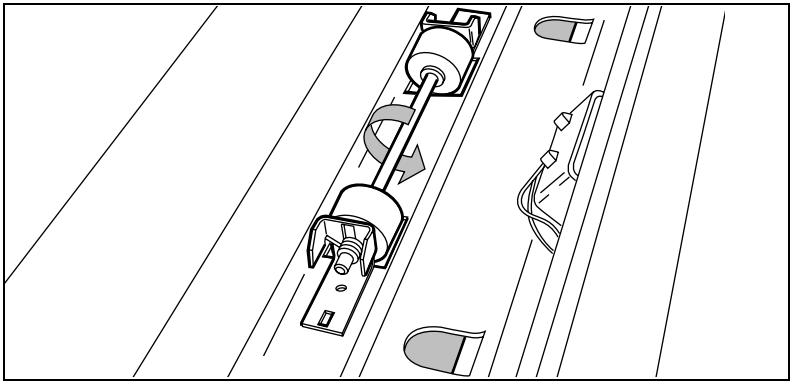
7 Put the roll holder with the material in the drawer (see figure 14).



[14] Change the position of the roll

8 Feed the material between the input guide platen against the rollers.

9 Turn the rollers until you can see the material (see figure 15). Also refer to the label inside of the drawer.



[15] Feed the material

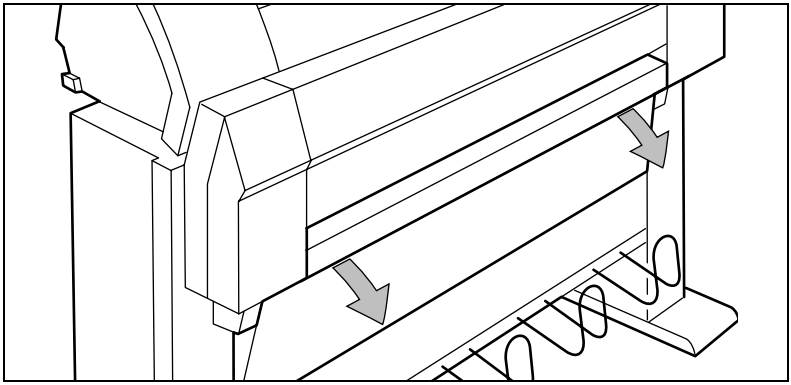
10 If you insert a roll with another material, use the printer operator panel to set the correct material.
If you insert a roll with a different width, use the printer operator panel to set the correct width. See for complete information ‘How to program media settings’ on page 49.
See ‘How to cut the paper to get a straight leading strip’ on page 49 to cut the paper to get a straight leading strip, or continue with the next step.

11 Close the drawer.

12 Press the ‘on-line’ key.

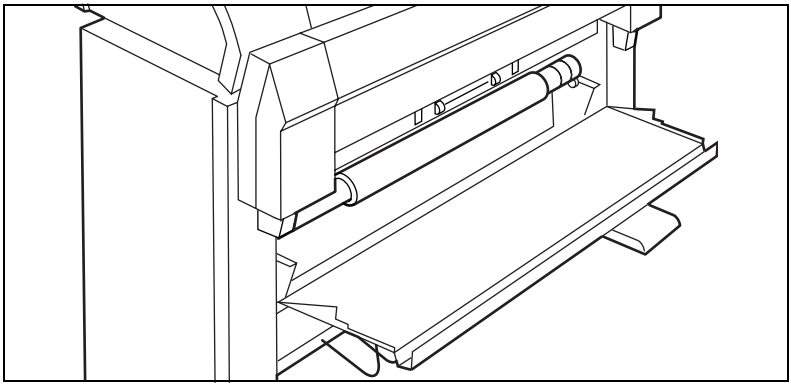
▼ How to load roll 2

1 Open the cover to access roll 2 (see figure 16).



[16] Open the lower paper drawer

2 Remove the roll holder (see figure 17).

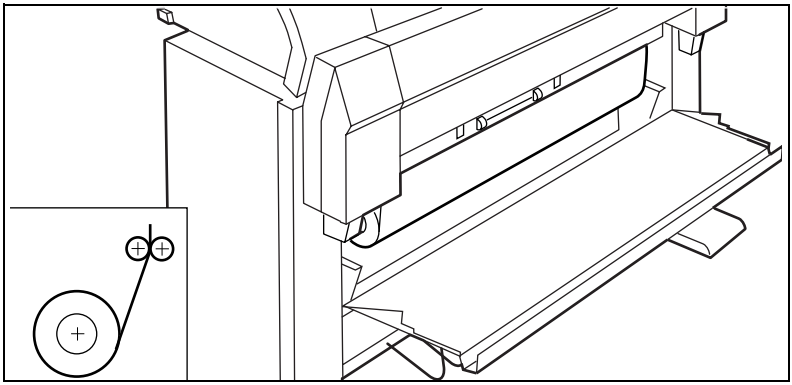


[17] Remove the roll holder from the lower paper drawer

3 Remove the empty core from the roll holder while you press the knob (see figure 13 on page 45).

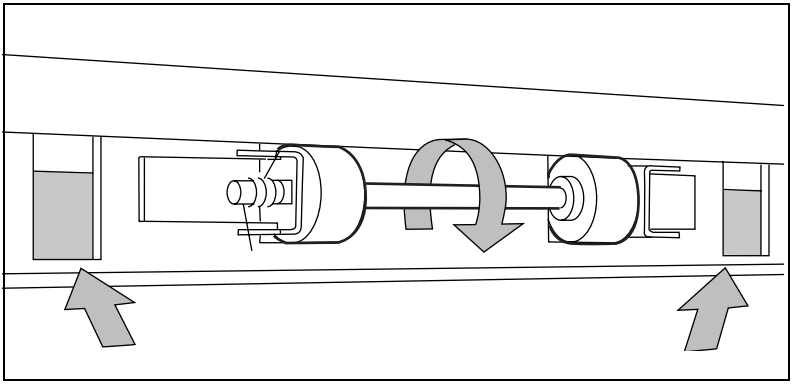
4 Slide the roll holder in the new roll of material while you press the knob (see figure 13).
You must have the knob on the right side.

5 Align the roll with the correct lines on the roll holder while you press the knob. Put the roll holder with the material in the lower paper compartment (see figure 18).



[18] Move the roll in the lower paper drawer

6 Feed the material between the input guide platens against the rollers. Turn the rollers until you see the material (see figure 19). Also refer to the label inside of the drawer.



[19] Move the material

See ‘How to cut the paper to get a straight leading strip’ on page 49 to cut the paper to get a straight leading strip, or continue with the next step.

7 Close the lower paper compartment.

8 Press the ‘on-line’ key.

How to cut the paper to get a straight leading strip

If the paper does not have a straight leading strip, you can cut the strip off at right angles from the roll.

▼ **Cut the paper from roll 1 or roll 2**

1. Open the drawer.
2. Feed the paper manually until it is approximately 5 cm above the top drawer.
3. Close the paper drawer.
4. Press ‘Extra’ to enter the main menu.
5. Select the ‘Media settings’ item using the ◀ or ▶ key.
6. Press ‘next/select’ to enter the ‘Media settings’ menu.
7. Select ‘Cut media’ using the ◀ or ▶ key.
8. Press ‘next/select’ to cut the paper.
9. Open the paper drawer.
10. Remove the cut of material.
11. Pull the material back until you see it correctly installed (see figure 15 on page 46).
12. Close the drawer.
13. Press the ‘on-line’ key.

How to program media settings

If you insert a new roll with another material or with a different width, set the new roll specifications.

The width of the material	
Materials	Size
A0	841 mm
A1	594 mm
A2	420 mm
A3	297 mm
E	34 inch
D	22 inch
C	17 inch
B	11 inch
E+	36 inch
D+	24 inch

Note: *The default is 36 inch*

The width of the material	
C+	18 inch
B+	12 inch
30 inch	30 inch
500 mm	500 mm
700 mm	700 mm
B1	707 mm

Note: *The default is 36 inch*

The material paper, transparent, transparent 110g, vellum, film, film 4,5, translucent. Set the material type according to the following table:

Material properties		
Material	Weight	Media Setting
Plain paper	64 g/m^2(55 g/m^2)	Paper 64g
Plain paper	75 g/m^2(110 g/m^2)	Paper 75g
Biotop paper	80 g/m^2	Paper 75g
Green label	80 g/m^2	Paper 75g
Recyonomic	80 g/m^2	Paper 75g
Transparent paper	75 g/m^2	Transparent 75g
Transparent paper	90/95 g/m^2 (80/85 g/m^2)	Transparent 75g
Transparent paper	110/115 g/m^2	Transparent 110 g
Top level paper	60 g/m^2	
Translucent	60 g/m^2	Translucent
Vellum	20 lbs (16 lbs)	Vellum
Film	3.5 mil (4 mil)	Film 3.5
Film	4.5 mil	Film 4.5

Note: *if you have a folder the media setting* 'Paper 110 g*' is also available.*

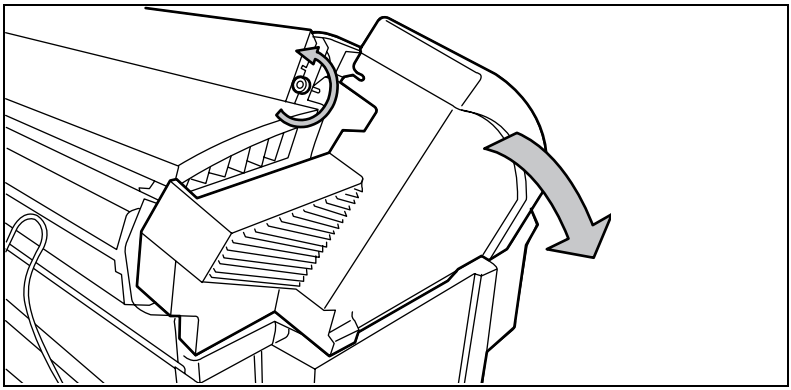
How to refill the toner

If the ‘refill toner’ message appears on the printer panel, you must refill the toner. You can continue the current job.

Attention: *Use only B5 toner.*

▼ **Add the toner**

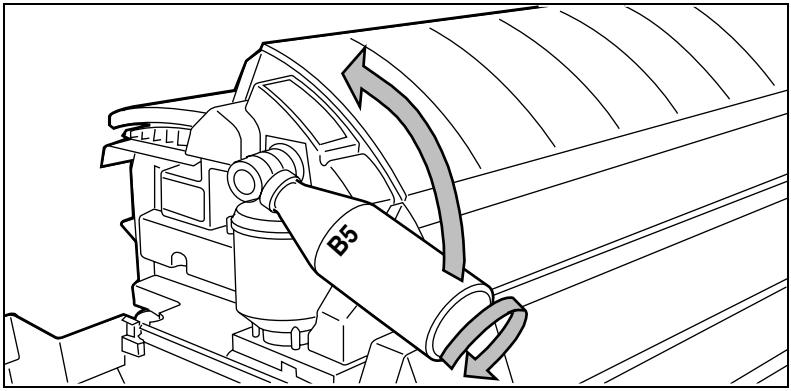
1 Remove the black screw at the left hand side of the printer and open the left cover (see figure 20).



[20] Open the cover

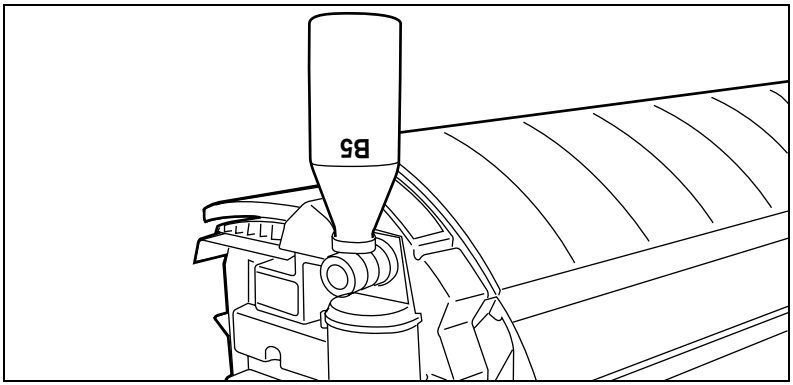
2 Shake the toner bottle completely and open the bottle.

3 Turn the bottle to the right in a tilted position (see figure 21).



[21] Screw in the bottle

4 Move the toner bottle to a vertical position (see figure 22).



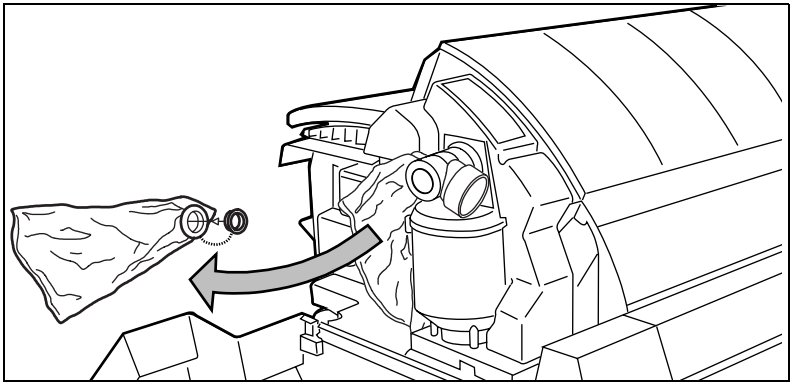
[22] Add the toner

5 Tap the toner out of the bottle.
6 Return the bottle to the original position when the toner bottle is empty.
7 Loosen the toner bottle to the left.

Note: *Replace the toner waste bag when you refill the toner.*

▼ Replace the waste toner bag

1 Pull the waste toner bag from the holder and put the cap provided on the bag (see figure 23).



[23] Replace the waste toner bag

2 Slide a new waste toner bag over the holder.
3 Close the cover and tighten the black screw.
4 Press the 'on-line' key to continue with the print or copy job.

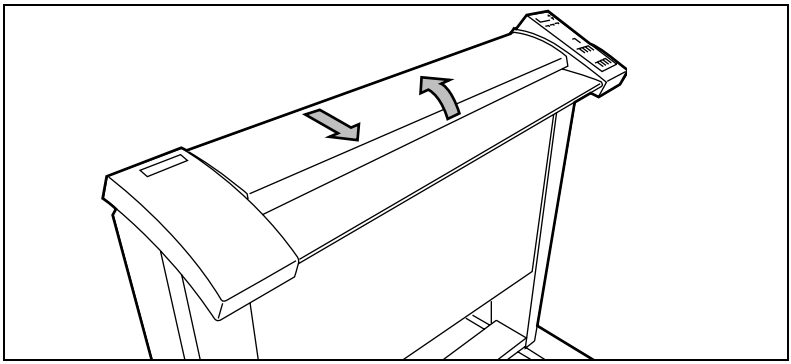
Clean the glass platen and the reference roller of the scanner

If the glass platen is dirty or static, you must clean the platen to make sure quality copies are made. Clean the white reference roller at the same time.

Attention: *When you clean the reference roller, be careful not to damage the sensors on the scanner*

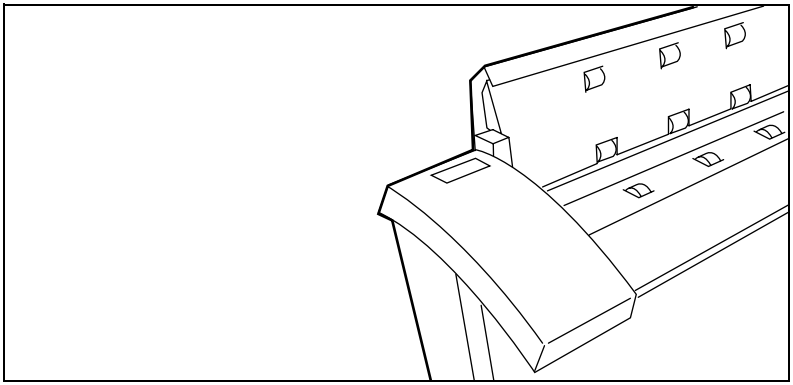
▼ **How to clean the glass platen and reference roller**

1. Turn off the scanner.
2. Push the front side of the cover down and pull it toward you to unlock the top cover.



[24] Open the top cover of the scanner

3. Lift the cover (see figure 25).
4. Clean the glass platen and the white pressure platen carefully with a soft cloth with a small quantity of “Cleaner A” applied to it.
   See the safety data sheet in Appendix B for safety information.



[25] Glass platen and reference roller

5 Lower the top cover.

6 Push the front side down of the cover. Push the cover back to the rear until the cover clicks to lock the cover.

Note: *Make sure that the cover is closed, so that the paper correctly moves.*

7 Turn on the scanner.

Maintenance of the reinforcement unit

This section covers maintenance activities for the optional reinforcement unit of the folder, such as:

- Insert a new tape roll
- Empty the waste box
- Clean the reinforcement knives

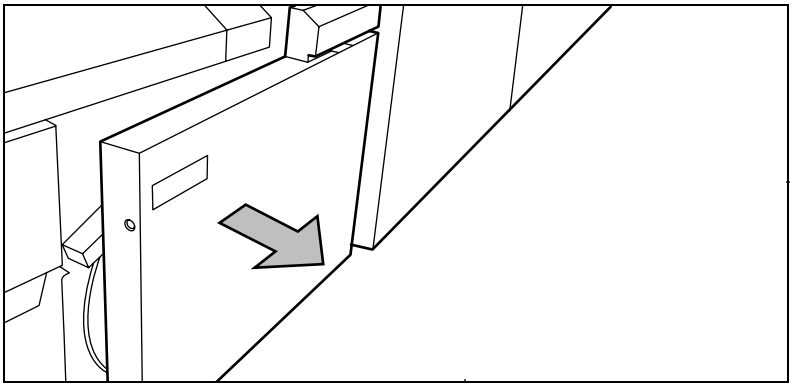
Attention: *To avoid damage to the reinforcement unit, only use the original reinforcement strips from Océ.*

Insert a new tape roll

When the tape roll is empty while the printer is in stand-by, the following message will appear on the display: 'RU tape empty'. Open the reinforcement unit and replace the empty tape roll.

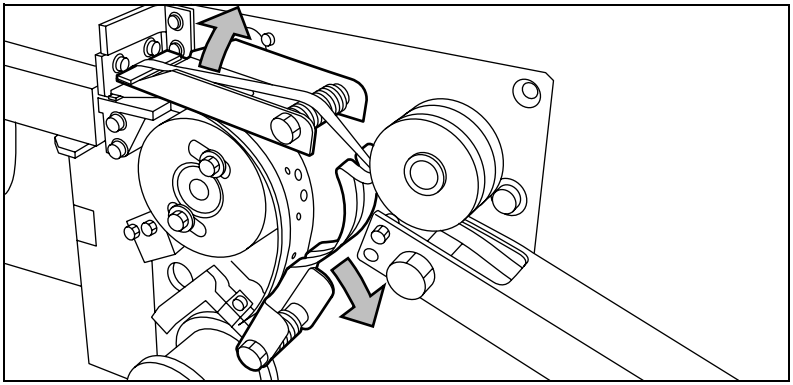
▼ **How to remove an empty tape roll**

1 Open the side door of the reinforcement unit (see figure 26).



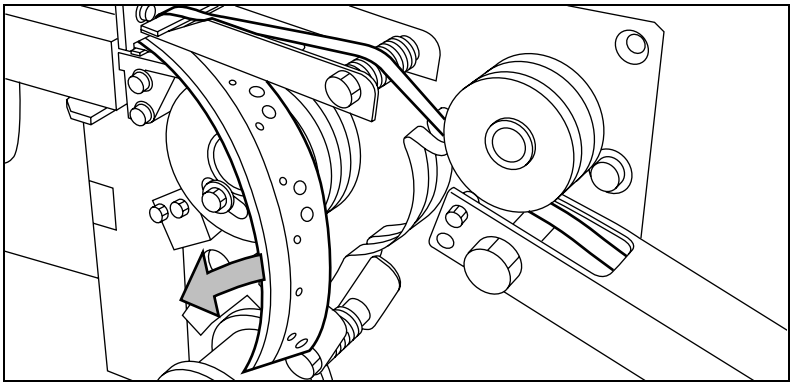
[26] Opening the side door of the reinforcement unit

2 Turn the two guide plates away from the pin roller and lock them into their open position (see figure 27).



[27] Opening the guide plates

3 Remove the trailing strip of the old tape (see figure 28).



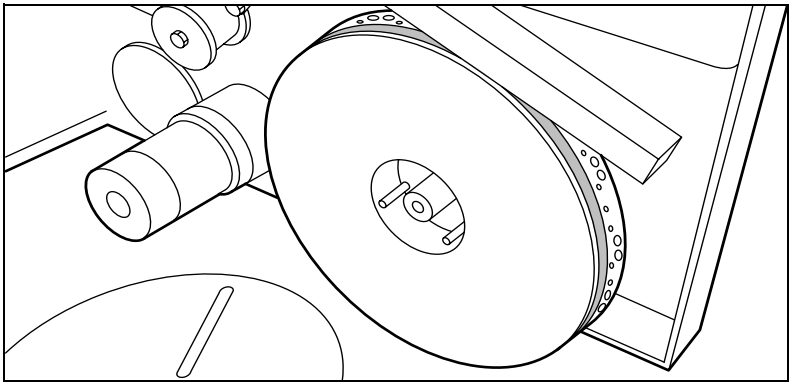
[28] Removing the trailing strip of the old tape

4 Open the front side plate of the roll holder by unscrewing the green knurled nut and remove the old kernel.

Note: *Clean the reinforcement knives before you put in a new roll. See 'Clean the reinforcement knives' on page 63 for more information.*

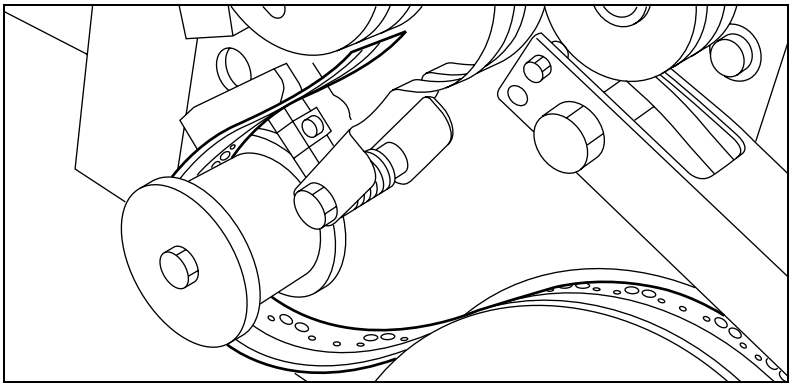
▼ **How to insert a new tape roll**

1 Place the new roll and close the side plate. Make certain that the roll is placed with the holes to the back and the protection sheet to the front (see figure 29).



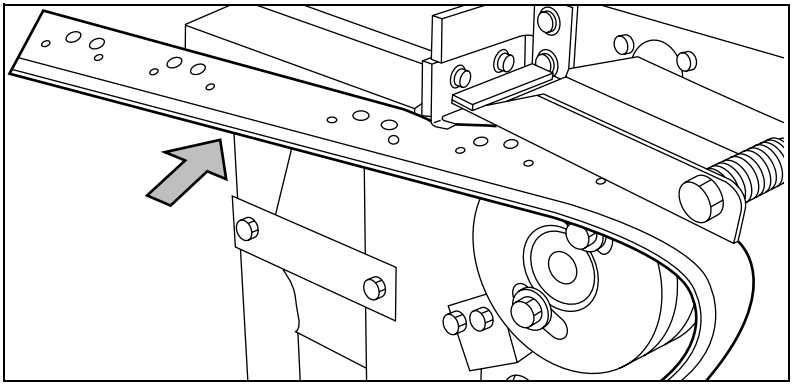
[29] Placing the new roll

2 Detach the end of the roll and lead the tape over the large guide roller (see figure 30).



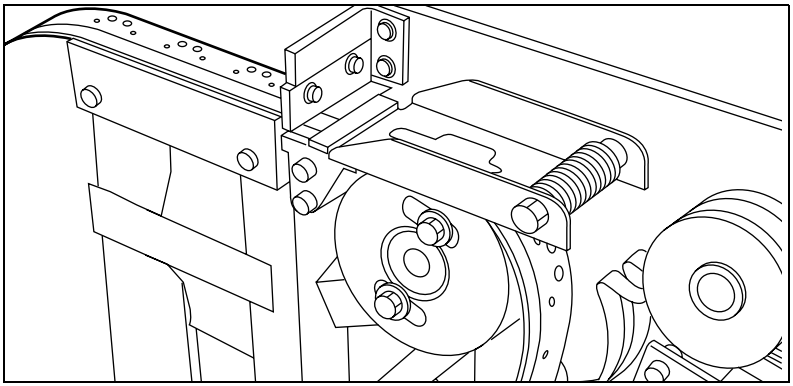
[30] Guiding the tape around the guide roller

3 Lead the tape between the upper and lower knife and over the pin roller (see figure 31).



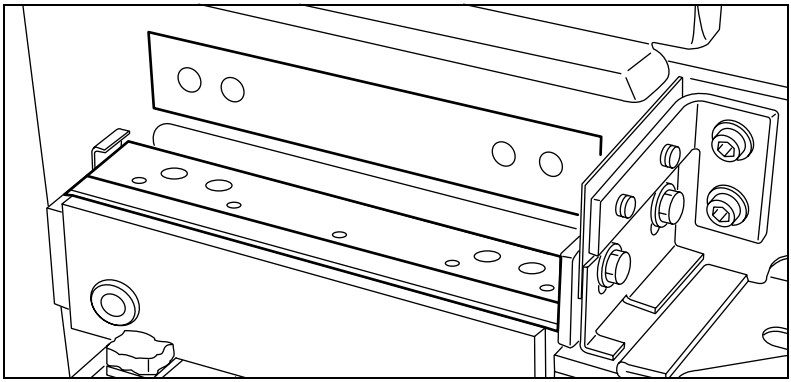
[31] Leading the tape between upper and lower knife

4 Make certain that at least 200 mm (2 strip lengths) of tape protrude from the knife section (see figure 32).



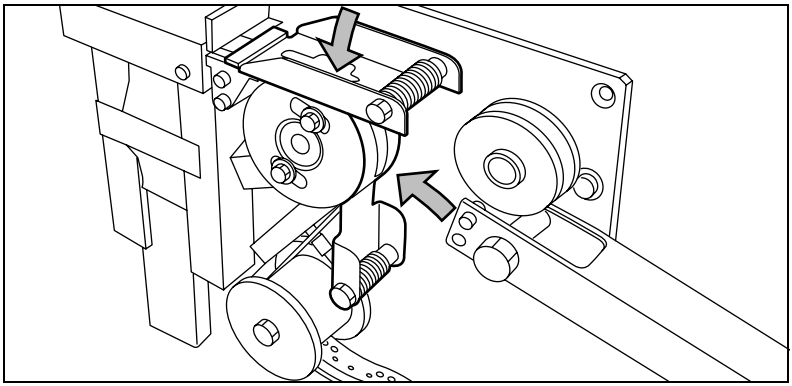
[32] Protruding tape

5 The holes in the tape must be aligned with the hole pattern on the sticker you can find on the frame plate of the reinforcement unit (see figure 33). If this is not the case, you lift the tape from the pin roller and push the tape further between the two knives until the holes are aligned.



[33] Adjusting the holes on the tape

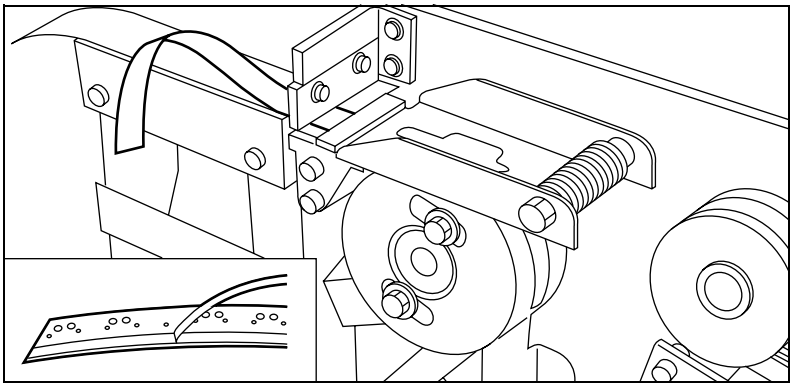
6 Close the guide plates of the pin roller (see figure 34).



[34] Closing the guide plates

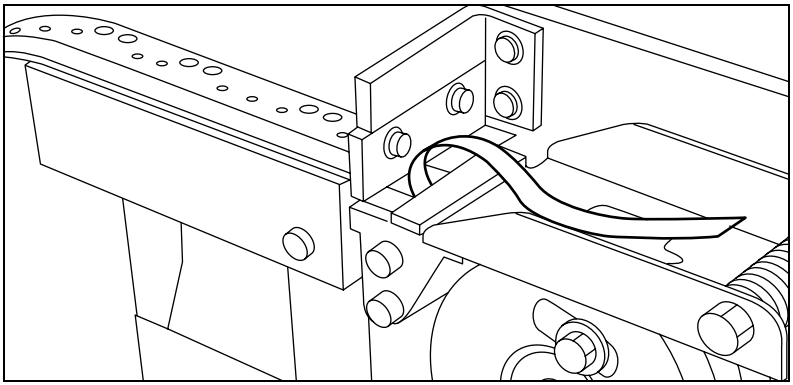
▼ **How to prepare the tape roll for operation**

1 Peel the protection sheet off the tape (see figure 35).



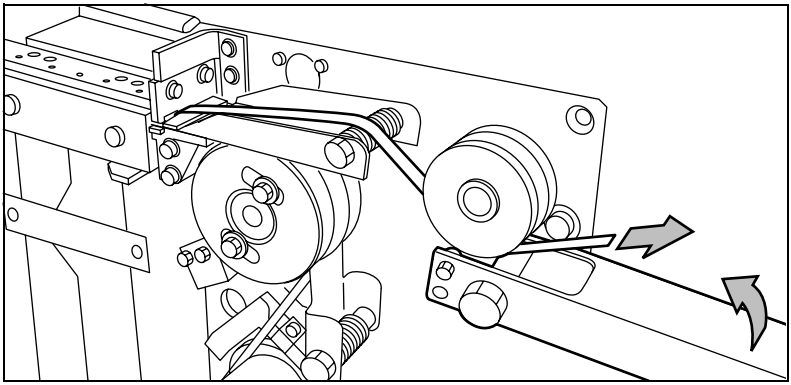
[35] Peeling off the protection sheet

2 Lead the protection sheet back between the upper and lower knife.



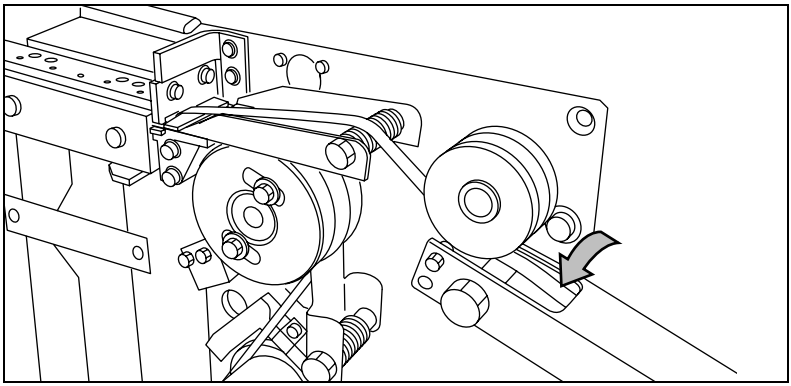
[36] Leading the protection sheet between upper and lower knife

3 Lift the guide and lead the protection sheet between the protection sheet rollers, pulling the protection sheet tight (see figure 37).



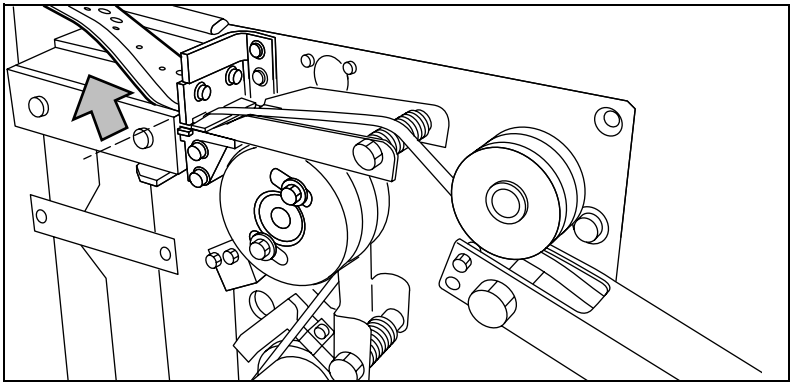
[37] Leading the protection sheet between the rollers

4 Insert the leading strip of the tape into the closed section of the slide (see figure 38).



[38] Inserting the tape into the closed section of the slide

5 Hold the upper guide plate down and cut the tape at the knife section by quickly pulling the strip up so that the tape is cut by the upper knife (see figure 39).



[39] Cutting the tape at the knife section

6 Close the side door of the reinforcement unit.

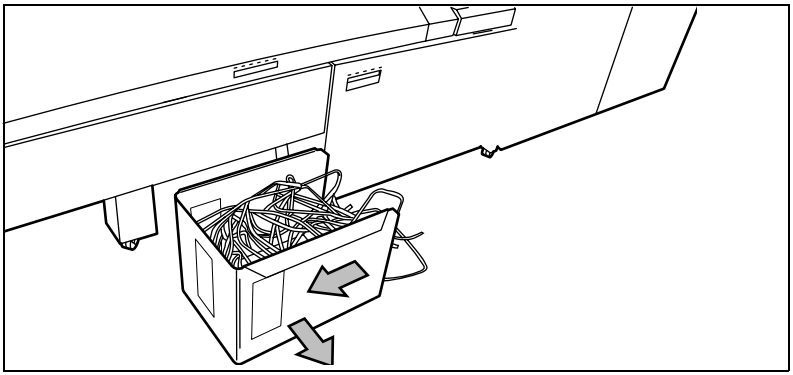
Empty he waste box

If a reinforcement unit is installed, the protective sheet from the reinforcement tape is stored in a waste box. For each roll of tape the box should be emptied twice.

Note: *You can empty the waste box while the printer is running.*

▼ **How to empty the waste box**

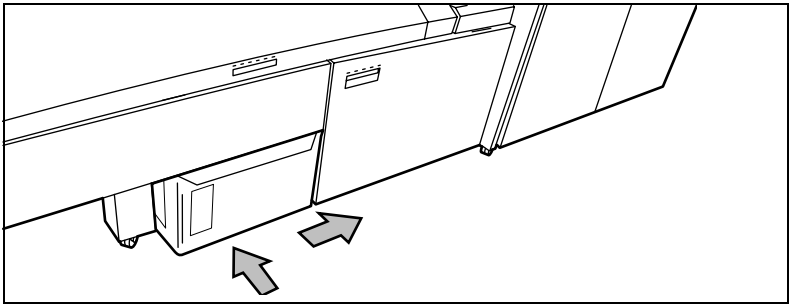
1 Open the waste box by first pulling it to the left hand side and next pulling it towards you.



[40] Opening the waste box

2 Empty the box.

3 Close the waste box by first pushing it forwards and next pushing it to the right hand side.



[41] Closing the waste box

Clean the reinforcement knives

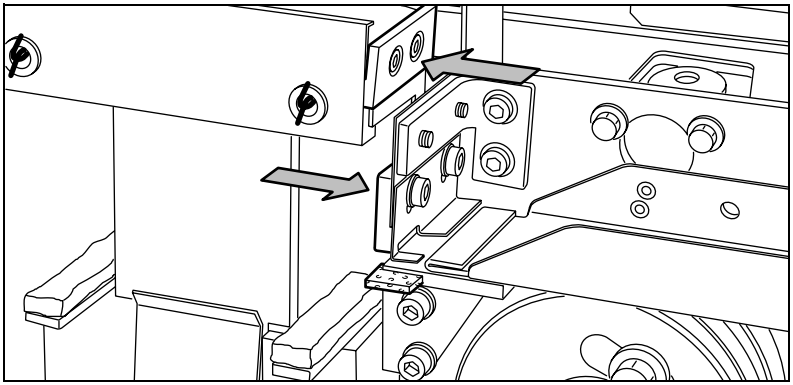
Because the knives of the reinforcement unit get sticky from the glue on the reinforcement tape, they have to be cleaned regularly. You are recommended to clean the knives each time you have inserted a new tape roll (see 'Insert a new tape roll' on page 55) or when an error in the reinforcement unit has occurred.

If you want to clean the reinforcement knives, you have to place them in such a position that all the parts that need to be cleaned are accessible.

Attention: *Only use the original Cleaner K and Fixing Unit Cleaning Oil (silicon oil) from Océ, to avoid damage to the reinforcement unit.*

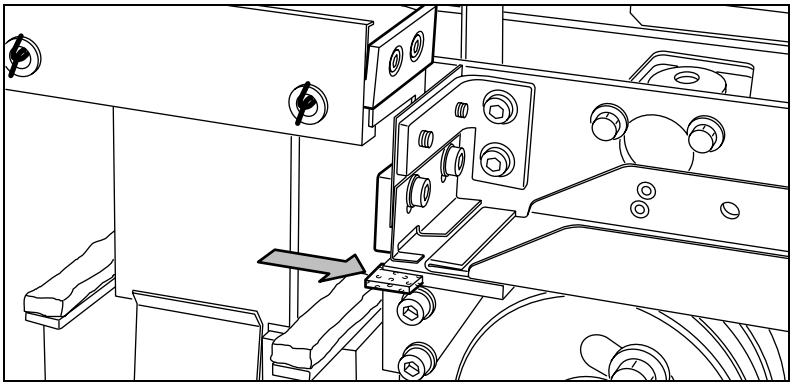
▼ **How to clean the reinforcement knives**

1 Press the On-line key on the printer operator panel.
2 Select 'Folding' with the ◀ or ▶ key.
3 Press the ▼ key to enter the 'Folding' menu.
4 Select 'Clean RU knife' with the ◀ or ▶ key.
5 Press the ▼ key to place the reinforcement unit knives in the correct position.
6 Open the side door of the reinforcement unit.
7 Clean the upper and lower knife using Cleaner K (see figure 42).



[42] Cleaning the upper and lower knife

8 Oil the felt using Fixing Unit Cleaning Oil (silicon oil).



[43] Oiling the felt

Close the side door of the reinforcement unit. The knives are automatically placed back in their home positions., depending on whether or not a job was interrupted to clean the knives.

9 Press the On-line key.

Appendix A
Summary and tables

Product specifications Océ TDS400

The Océ TDS400 is a wide format medium to high volume print and copy system. Visit www.oce.com for the latest details.

Printer	
Technology	Electrophotography (LED) with organic photoconductor (OPC) drum and closed toner system
Resolution	600 dpi
Speed	3 linear meters p/min. or approx. 2A0s p/min.
Media sources	1 roll version with manual feed 2 roll version with manual feed 2 roll version with manual feed and extended integrated stacker for up to 100 prints
Output sizes	From A3 to A0 and 36 inch with a maximum of 15 meters long
Media types	Plain, translucent, transparent, used again, fluorescent and coloured papers; films and vellum. Up to 110 gr/m^2.
Output reception	Standard Integrated Receiving Tray (IRT) Optional: Compact Output Stacker (COS)
Warm up time	None, instant behaviour
Dimensions	1352 mm (W) x 1250 mm (H) x 899mm (D) including integrated receiving tray
Weight	Model with 1 roll 149 kg Model with 2 rolls 159 kg

Océ Power Logic® controller	
Platform	Océ Controller with embedded Windows XP®
Memory	128 MByte RAM standard, 256 MByte RAM is an upgrade
Disk space	High-speed hard disk dedicated to file spooling, and a high-speed hard disk dedicated to set memory offering 135 A0 storage capacity
File formats	HPGL, HPGL2, HPRTL, TIFF 6.0, CALS type 1, NIRS, EDMICS (C4), CalComp 906/907/951
Interfaces	Standard: Ethernet 10/100 Mbits/s with RJ45 Optional: Ethernet 10 Mbits/s with BNC and SubD; Token Ring 4/16 Mbits/s
Network protocols	TCP/IP, Novell (IPX, SPX)

Océ Power Logic® controller (continued)	
Cabinet	An option to store the controller
GUI	Optional: a monitor, a keyboard and a mouse to use the applications on the controller
Postscript level 3 / PDF	Enables you to print the Postscript level 3 files and Portable Document Files (PDF), optional.
Functionality	Multiple prints: up to 999 Automatic Language Sensing (ALS) Auto roll selection and switching print manipulation: rotation, auto scaling File spooling on the controller Set memory: send once, process once, print many; capacity to store up to 135 A0s and create identical sets sorted by page or by set Concurrent receiving / processing / printing of digital jobs Account logging: who did which jobs for who. Print Exec Workgroup (optional): let's you print jobs easily through your web browser.

Océ Remote Logic® software	
Software	Functionality
Océ Queue Manager	view status for each job and cancel, hold and restart the entire job. Optional: the History Queue enables you to view printed jobs and to reprint printed jobs. The Inbox Queue collects all the print jobs so you can manage them before printing.
Océ System Control Panel	view status and settings of system components
Océ Settings Editor	change system settings

Scanner	
Model	Free-standing console
Technology	CCD, Océ Image Logic® real-time image processing hardware
Speed	3 linear metres per minute or approximately 2 A0s per minute
Original feed	Face down, right aligned Automatic feed off/on Rewind original to front off/on

Scanner (continued)	
Originals	210 - 914 mm Original width: 210 - 1020 mm Original length:150 mm - 15 m
Maximum thickness	1 mm
Exposure control	Automatic, manual fine adjustment *Special modes:* Lines & Text, Photo, Blueprint
Media selection	Manual selection of roll 1 or 2 or manual feed.
Reproduction scale	Zoom: 25% - 400% (adjustable in 1% programmed fixed steps) Scan-to-file zoom: 50% - 200%
Input mode	Single sheet Set (sets processing/set collation)
Other operating	Concurrent scanning and printing
Functions	Multi-copy mode: 1-99 copies (scan once print many) Pre-programming of next job Programmable default settings Standard cut, synchro cut Scan to file (option) Leading and trailing strip adjustment (remove 100 mm, add 400 mm)
Image editing	Image mirroring
Dimensions	1330 mm (W) x 1103 mm (H) x 613 mm (D)
Weight	60 Kg

Océ Scan Logic®	
Application	Océ Scan Manager, integrated scanning solution
Scan destinations	6 programmable destinations Scan to controller Scan to network directory File Transfer Protocol (FTP)
Resolution	200, 300, 400 dpi
Data formats	Tiff (G3, G4, uncompressed) CALS type 1 Adobe® PDF
Scan modes	Single scan, stream feed productive batch scanning
File naming	Automatically generate unique file names for each scan
Check print	To check your scanned file
Viewing	View scans at point of scanning with Océ View Station LT.
Océ Image Logic®	Optimum scan quality for bad quality originals
Ease of use	Scan to file from scanner panel, scan directly to destination
Requirements	256 Mb on controller and a graphical user interface
Options	Océ View Station LT: Edit and enhancement software Océ Batch Processor: Automated editing software

Drivers and application software	
Océ ADI driver	For AutoCAD® 14 Windows® 9x, NT® 3.51/4.0 and XP
Océ HDI driver	For AutoCAD® 2000 Windows® 95/98/2000, NT® 4.0 and XP
Océ Windows driver	Windows® 95/98/2000, NT® 4.0 and XP
PostScript Level 3 drivers	For Windows® 95/98/2000, NT® 4.0, XP and Macintosh®
Océ Print Exec LT	Job submission software for Windows® 95/98/2000, NT® 4.0 and XP
Océ Print Exec Workgroup (optional)	Multi-seat job submission and back channel communication software using standard web browsers: Internet Explorer® 4.02 SP2 or higher and Netscape® 4.08 or higher
Océ Repro Desk	A print management solution for the reprographer and their clients.
Note: Check Océ on the internet at www.oce.com for the latest drivers and Print Exec applications.	

Finishing: output delivery tray	
Model	Wheeled delivery tray with blower unit
Capacity	Up to 150 sheets (media type dependent) from A4 to A0
Types of media	Plain paper, transparent paper, film, vellum, polyester and translucent
Dimensions	1170 mm (W) x 1090 mm (H) x 1440 mm (D) with tray fully extended
Weight	35,5 kg

List of available material types and sizes

Finishing: folder	
Folding modes	On-line fanfold and crossfold, off-line folding
Folding method	Standard (=DIN-like), Ericsson, Afnor-like; Length: 276 - 310 mm Width: 186 - 230 mm Filing strip: 15 - 30 mm
Paper size	(75 g/m^2), Width: 279 - 914 mm Length: 210 - 6,000 mm fanfold only; 210 - 2,500 mm for fanfold and crossfold
First fold exit	Extra bin for fanfold
Dimensions	2,200 mm (W) x 997 mm (H) x 1,260 mm (D)
Weight	220 kg
Optionals	Reinforcement unit Belt delivery tray for 75 A0

Compact output stacker	
Model	The dispositioner that delivers copies and prints on the front-side of the machine.
Capacity	50 - 100 sheets depending on the material.

Dew Preventer	
Model	An optional heater to prevent dampness in media

Océ machines and materials are matched for optimal quality and performance. It is therefore recommended to use only approved Océ materials in the Océ TDS400.
A full list of Océ materials suited for use in the Océ TDS400, including plain paper, transparent paper, coloured papers and various polyester films is available from your Océ representative.

Material types

The following material types are available for the Océ TDS400:

Material Types		
Materials	Weight	
Plain paper	64 g/m^2 (55g/m^2)	
Plain paper	75 g/m^2 (110g/m^2)	
Plain paper	80 g/m^2	
Biotop paper	80 g/m^2	
Green Label	80 g/m^2	
Recyonomic	60 g/m^2	
Translucent paper	75 g/m^2	
Transparent paper	90/95 g/m^2(80/85g/m^2)	
Transparent paper	110/115 g/m^2	
Transparent paper	20 lbs (16 lbs)	
Top level paper	60 g/m^2	
Vellum	3.5 mil (4 mil)	
Film	4.5 mil	
Polyester film	3.5 or 4.5 mil	
Special	Coloured paper, etc.	
	Minimum	Maximum
Width	297 mm	914 mm
Length	420 mm	15 m

Material sizes

The following material sizes are available for the Océ TDS400:

Material Sizes - DIN Range		
DIN Range	Width [mm]	Length [mm]
A3	297	420
A2	420	594
A1	594	841
A0	841	1189

Material Sizes - 8,5 inch Range		
8,5 inch range	Width [inch]	Length [inch]
11 inch / B	11	17
17 inch / C	17	22
22 inch / D	22	34
34 inch / E	34	44

Material Sizes - 9 inch Range		
9 inch range	Width [inch]	Length [inch]
12 inch / B+	12	18
18 inch / C+	18	24
24 inch / D+	24	36
36 inch / E+	36	48

Material Sizes - Other Formats		
Other formats	Width	Length
30 inch	30 inch	12 inch
B1 carto	700 mm	1000 mm
B1 (DIN)	707 mm	1000 mm
B2 carto	500 mm	700 mm
B2 (DIN)	500 mm	707 mm

Attention: *Avoid storing paper in rooms where temperature and humidity are high. Also, avoid dust and direct sunlight. Wrap unused paper in plastic to prevent it absorbing moisture.*

Automatic format selection

The Océ TDS400 controller switches to the next larger format. For example you set the 8,5 inch range on the printer. The job you print is an A1 format. The printer will automatically select the 30 inch format. The next table shows which format the Océ TDS400 controller chooses if you print a specific format on a chosen range

Automatic format selection				
	Paper series			
	DIN	DIN carto	8,5 inch	Mixed 8,5 and 9,5 inch
DIN range				
A3	X	X		
A2	X	X		
A1	X	X		
A0	X	X		
8,5 inch range				
11 inch / B			X	X
17 inch / C			X	X
22 inch / D			X	X
34 inch / E			X	X
9 inch range				
12 inch / B+				X
18 inch / C+				X
24 inch / D+			X	X
36 inch / E+	X	X	X	X
Other formats				
30 inch			X	X
B1 carto		X		
B1 (DIN)	X			
B2 carto		X		
B2 (DIN)	X			

Reinforcement strips

Information about the different reinforcement strips is available from your Océ representative.

Attention: *Only use the original reinforcement strips from Océ, to avoid damage to the reinforcement unit.*

Overview of standard zoom formats

Standard zoom fixed steps for the DIN paper series [%]							
Original	A0	A1	A2	A3	36 inch	B1	B2
A0	100	71	50	35	109	84	59
A1	141	100	71	50	153	119	84
A2	200	141	100	71	218	168	119
A3	283	200	141	100	308	238	168
36 inch	107	65	46	32	100	77	55
B1	119	84	59	42	129	100	71
B2	168	119	84	59	183	141	100

Standard zoom fixed steps for the DIN carto paper series [%]							
Original	A0	A1	A2	A3	36 inch	B1	B2
A0	100	71	50	35	109	83	59
A1	141	100	71	50	153	118	84
A2	200	141	100	71	218	167	119
A3	283	200	141	100	308	236	168
36 inch	107	65	46	32	100	77	55
B1	120	85	60	42	130	100	71
B2	168	119	84	59	183	140	100

Standard zoom fixed steps for the 8,5 inch paper series [%]							
Original [inch]	11 / B	17 / C	22 / D	24 / D+	30	34 / E	36 / E+
11 / B	100	154	200	218	273	309	327
17 / C	65	100	129	141	176	200	212
22 / D	50	77	100	109	136	155	164
24 / D+	46	71	92	100	125	142	150
30	37	57	73	80	100	113	120
34 / E	32	50	65	71	88	100	106
36 / E+	31	47	61	67	83	94	100

Standard zoom fixed steps for the 8,5 & 9 inch mixed paper series [%]									
Original [inch]	11 / B	12 / B+	17 / C	18 / C+	22 / D	24 / D+	30	34 / E	36 / E+
11 / B	100	109	154	164	200	218	273	309	327
12 / B+	92	100	142	150	183	200	250	283	300
17 / C	65	71	100	106	129	141	176	200	212
18 / C+	61	67	94	100	122	133	167	189	200
22 / D	50	55	77	82	100	109	136	155	164
24 / D+	46	50	71	75	92	100	125	142	150
30	37	40	57	60	73	80	100	113	120
34 / E	32	35	50	53	65	71	88	100	106
36 / E+	31	33	47	50	61	67	83	94	100

Appendix B
Safety information

Instructions for safe use

Océ designed products have been tested in accordance with the strictest international safety standards. To help assure safe working with these products it is important that you observe the following safety rules:

Maintenance

- Do not remove any screws from fixed panels.
- Do not carry out maintenance activities except for the parts and maintenance materials mentioned in this manual.
- Do not place any liquids on the machine.
- Use maintenance materials or other materials for their original purpose only. Keep maintenance materials away from children.
- Do not mix cleaning fluids or other substances.
- To avoid the risk of introducing hazards, all modifications to Océ equipment are strictly reserved to properly qualified and trained service technicians.

Connection

- If for some reason you have to move the machine yourself, please make sure that the mains power point has the right fuse capacity. See the Océ TDS400 safety data sheet in this appendix for information about maximum current.
- Do not bridge any mechanical or electrical circuit breakers.
- Do not use an extension lead to connect the machine.
- This equipment has not been designed for connection to an IT power system. (An IT power system is a voltage network in which the neutral wire is not connected to earth).
- For equipment connected via a wall socket: locate the machine close to a wall socket that is easily accessible.
- For equipment connected via a fixed connection to the electricity grid: the disconnect device in the fixed connection should be easily accessible.

Surroundings

- Do not block the ventilation openings of the machine.
- Ensure that the machine is placed on a level, horizontal surface of sufficient strength. See the Océ TDS400 safety data sheet in this appendix for information about the weight of the equipment.
- Ensure there is sufficient space around the machine. This facilitates reloading materials as well as maintenance.

- Do not place the machine in rooms which are subject to excessive vibration.
- Do not place the machine in rooms which are too small and insufficiently ventilated. See the Océ TDS400 safety data sheet in this appendix for information about space and ventilation requirements.

General

- Always use materials recommended by Océ and developed for this Océ machine. Materials not approved by Océ may result in faults in your machine.
- Do not use the machine when it is emitting unusual sounds. Remove the plug from the power socket or switch off the fixed connection to the electricity grid and contact Customer Service.

Safety data sheets

The disclaimer below is valid for all safety data sheets in this manual.
For questions about Océ products regarding health, safety and environment, please contact your Océ organisation; you can find the address in the last appendix of this manual.

Disclaimer The safety data sheets in this manual have been compiled to the best of our knowledge as a compact guide to safe handling of this product. We reserve the right to revise safety data sheets as new information becomes available. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary and to contact the company to make sure that the sheet is the latest one issued. If and in so far as limitation of liability is permitted under the applicable laws, we do not accept liability for any inaccuracy that may occur in this information.

Safety data sheet Océ TDS400 printer

PRODUCT SAFETY DATA SHEET

Number E-717-b-UK
Date April 2001

Model	**Océ TDS400 printer**					
Description	Electrophotographic printer, instant printing, console model, plain paper, organic photoconductive drum, powder toner					
Max. process speed	3 m/min					
		Engine			**Controller**	
Dimensions	**1 roll**		**2 roll**			
Width	1352	mm	1352	mm	206	mm
Depth	899	mm	899	mm	437	mm
Height	1251	mm	1251	mm	444	mm
Weight	175	kg	185	kg	15	kg
Voltage	100/115/230	V	100/115/230	V	100/230	V
Frequency	50/60	Hz	50/60	Hz	50-60	Hz
Current-rated	15/15/7,5	A	15/15/7,5	A	0,9	A
Current-max	20/20/10	A	20/20/10	A	6/3	A
Power consumption, stand by			30	W		
Power consumption, operation			1,5	kW	40	W
EPA ENERGY STAR®						
*** Power consumption sleep mode**	42 W (total system)					
Mains connection	Cable with plug					
Safety class	I (IEC 536) Protective earth connection					
Protection class	IP 20 (IEC 529)					
	Standby		**In operation**			
Sound pressure level (at bystander position)	24 dB(A)		main body 54 dB(A) impulse L_i = 4 dB(A)			
Sound power level	40 dB(A)		main body 62 dB(A)			
Radio interference	Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A.					
Radiation	Below the Threshold Limit Values for UV, Visible and IR radiation (TLV list of ACGIH).					
Heat emission	Standby 70 W; at continuous operation 1,5 kW					
Ozone emission	0,04 mg/min at continuous operation					
Room volume	Recommendation: min. 25 m^3					
Room ventilation	Recommendation: min. 12,5 m^3/h (natural ventilation)					
Use simulation at random operation	With a room volume and ventilation as recommended and a daily volume of 150 m (much more than average) the use simulation at random operation gives the following ozone concentrations:					
	- Time weighted average				0,002 mg/m^3	(0,001 ppm)
	- Peak				0,01 mg/m^3	(0,005 ppm)
	Threshold Limit Value/Occupational Exposure Limit (Time Weighted Average) for ozone				*0,2 mg/m^3*	(0,1 ppm)
	Odour Perception Limit for ozone				*0,04 mg/m^3*	(0,02 ppm)
Consumables	Océ OPC Drum (Océ Safety Data Sheet E-218) Océ B5 Toner (Océ Safety Data Sheet E-199) Océ D5 Developer (Océ Safety Data Sheet E-200) Océ Copying Materials This apparatus is suitable for processing recycling paper which complies with the requirements of EN 12281.					
Additional safety information	The ozone filter does not have to be replaced to keep the ozone concentration in the workplace below 0,04 mg/m^3 (i.e. the life of the filter equals that of the apparatus).					

CE-Compliance

Approved according to Low Voltage Directive 73/23/EEC

Approved according to EMC Directive 89/336/EEC

EMC Production Surveillance

EPA ENERGY STAR®

The content of this safety data sheet is subject to the disclaimer of liability on page 80 of this manual.

Safety data sheet Océ TDS400 printer and scanner

PRODUCT SAFETY DATA SHEET

Number E-718-b-UK
Date April 2001

Model	**Océ TDS400**			
Description	Multifunction device, instant copying/printing, consisting of an electrophotographic printer, console model, plain paper, organic photoconductive drum, powder toner and a free standing scanner.			
Max. process speed	3 m/min			
	Engine	**Scanner**	**Controller**	**Monitor (17")**
Dimensions Width	1352 mm	1240 mm	206 mm	299 mm
Depth	899 mm	615 mm	437 mm	410 mm
Height	1251 mm	1105 mm	444 mm	409 mm
Weight	175 kg 10 kg (extra roll)	65 kg	15 kg	15 kg
Voltage	100/115/230 V	100/115/230 V	100/230 V	100-230 V
Frequency	50/60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Current-rated	15/15/7,5 A	1,1/1,1/0,7 A	0,9 A	
Current-max	20/20/10 A	1,6/1,6/0,8 A	6/3 A	1,4 A
Power consumption, stand by	30 W	27 W		
Power consumption, operation	1,5 kW	140 W	40 W	70 W
EPA ENERGY STAR®				
*** Power consumption sleep mode**	52 W (total system)			
Mains connection	Cables with plug			
Safety class	I (IEC 536) Protective earth connection			
Protection class	IP 20 (IEC 529)			
	Standby	**In operation**		
Sound pressure level (at bystander position)	24 dB(A)	main body 54 dB(A) impulse L_i = 4 dB(A)		
Sound power level	41 dB(A)	main body 63 dB(A)		
Radio interference	Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A.			
Radiation	Below the Threshold Limit Values for UV, Visible and IR radiation (TLV list of ACGIH)			
Heat emission	Standby 167 W; at continuous operation 1,8 kW			
Ozone emission	0,04 mg/min at continuous operation			
Room volume	Recommendation: min. 25 m^3			
Room ventilation	Recommendation: min.12,5 m^3/h (natural ventilation)			
Use simulation at random operation	With a room volume and ventilation as recommended and a daily volume of 150 m (much more than average) the use simulation at random operation gives the following ozone concentrations:			
	- Time weighted average		0,002 mg/m^3	(0,001 ppm)
	- Peak		0,01 mg/m^3	(0,005 ppm)
	Threshold Limit Value/Occupational Exposure Limit			
	(Time Weighted Average) for ozone		*0,2 mg/m^3*	*(0,1 ppm)*
	Odour Perception Limit for ozone		*0,04 mg/m^3*	*(0,02 ppm)*
Consumables	Océ OPC Drum (Océ Safety Data Sheet E-218) Océ B5 Toner (Océ Safety Data Sheet E-199) Océ D5 Developer (Océ Safety Data Sheet E-200) Océ Copying Materials. This apparatus is suitable for processing recycling paper which complies with the requirements of DIN 12281.			
Additional safety information	The ozone filter does not have to be replaced to keep the ozone concentration in the workplace below 0,04 mg/m^3 (i.e. the life of the filter equals that of the apparatus).			

CE-Compliance

Approved according to Low Voltage Directive 73/23/EEC

Approved according to EMC Directive 89/336/EEC

EPA ENERGY STAR®

The content of this safety data sheet is subject to the disclaimer of liability on page 80 of this manual.

Safety data sheet Océ B5 toner

MATERIAL SAFETY DATA SHEET
(93/112/EEC and ISO 11014-1)

Number E-199-a-UK
Date October 1997
Page 1 of 2

Océ B5 Toner

1. Product and company identification

Product name Oc B5 Toner
Packing Polyethylene bottle, contents 0,45 kg/1.1 lb

Company Oc (UK) Ltd.
Address Langston Road, Loughton, Essex IG10 3SL
Telephone 0181-508 5544 (contact product safety coordinator)
Telefax 0181-508 6689

2. Composition / information on ingredients

Ingredients	CAS No.	Classification	Weight %
Polyester resin	170831-75-1		25-50
Phenoxy resin	PMN P-95-461		25-50
Iron oxide	1317-61-9		10-25
Carbon black	1333-86-4		1-5
Amorphous Silica	68611-44-9		<1
Pigment			<1

3. Hazards identification

In a toner dust cloud the formation of an explosive dust-air mixture is possible.
Toner dust may cause discomfort for the eyes and respiratory tract, in the same manner as inert nuisance dust.
To our knowledge, with due observance of the recommended exposure limit and of normal hygiene this product presents no health hazard in normal use.

4. First aid measures

Eyes contact Rinse with plenty of water.
Skin contact Wash with cold water and soap.
Inhalation Clean nose, mouth, throat. Cough up. Fresh air.
Ingestion Rinse mouth with water. If large quantity swallowed seek medical advice.

For any medical advice take along this material safety data sheet.

5. Fire fighting measures

Extinguishing media Dry chemical, carbon dioxide, water spray (fog), foam
Special fire fighting precautions N.A.
Hazardous products of decomposition N.A.

6. Accidental release measures

Spills can be cleaned with a vacuum cleaner or a damp rag. Do not use warm water, because this makes the powder soft and sticky.

7. Handling and storage

Keep bottle tightly closed to prevent dust formation. Handle carefully. Avoid breathing dust.
No special technical measures for storage.

8. Exposure controls / personal protection

No special technical measures. No personal protective equipment needed.
Industrial hygiene: after skin contact wash with cold water and soap.
Threshold Limit Value for:
* nuisance dust 10 mg/m^3
* carbon black 3,5 mg/m^3
* amorphous silica 10 mg/m^3

continued on the next page

MATERIAL SAFETY DATA SHEET
(93/112/EEC and ISO 11014-1)

Number E-199-a-UK
Date October 1997
Page 2 of 2

Océ B5 Toner

9. Physical and chemical properties

Explosion limits (dust explosion)	**LEL** 60 g/m^3. **UEL** U (= unknown)	**Flash point (°C)**	N.A. (=Not Applicable)
Appearance and odour	Black powder, faint odour	**Ignition temperature (°C)**	U.
Boiling point (°C)	N.A	**Bulk density (kg/m^3)**	Approx. 1400
Vapour density (air = 1)	N.A.	**Softening point (°C)**	Approx. 50
Solubility in water	Insoluble	**Evaporation rate (butyl acetate = 1)**	N.A.
Vapour pressure	N.A.	**% Volatile**	0
Other characteristics	N.A.	**pH (solution)**	N.A.

10. Stability and reactivity

Thermal decomposition	Above approx. 450 °C
Hazardous decomposition products	None at intended use
Hazardous reaction	None at intended use

11. Toxicological information

Inhalation	* At high concentr ation in air the po wder ma y cause discomf or t of upper respir ator y system.
Skin	* No adv erse health eff ects are e xpected.
Eyes	* Dust ma y cause discomf or t in the same manner as n uisance dust.
Ingestion	* Considered relativ ely har mless .
Mutagenicity	No m utagenicity detected in Ames test of similar toners .

* These statements are based on to xicological liter ature on the ing redients of this product and test results of similar products .

12. Ecological information

This product is not biodegradable.
The ing redients are not classified as ecologically hazardous. No adverse environmental effects are expected.

13. Disposal considerations

Pack waste dustproof to prevent dusting. With due observance of local laws and regulations, dispose of by burial in a sanitary landfill or incineration. Do not throw in open fire, in order to prevent the risk of a dust explosion.

14. Transport information

This product is not classified as a dangerous substance according to the international transport regulations.

15. Regulatory information

This product is not classified as a dangerous preparation according to the European Directives 67/548/EEC and 88/379/EEC for the classification, packaging and labelling of dangerous substances and preparations.
Therefore, indications of special risks or safety advice on the packing are not prescribed for this product.

16. Other information

Use: ink powder for printers.
Room ventilation: see operator manual or safety data sheet for the machine.

The content of this safety data sheet is subject to the disclaimer on page 80 of this manual.

Safety data sheet Océ D5 Developer

MATERIAL SAFETY DATA SHEET
(93/112/EEC and ISO 11014-1)

Number E-200-a-UK
Date October 1997
Page 1 of 2

Océ D5 Developer

1. Product and company identification

Product name Océ D5 Developer
Packing Polyethylene bottle, contents 1,75 kg/3.86 lb

Company Océ (UK) Ltd.
Address Langston Road, Loughton, Essex IG10 3SL
Telephone 0181-508 5544 (contact product safety coordinator)
Telefax 0181-508 6689

2. Composition / information on ingredients

Ingredients	CAS No.	Classification	Weight %
Iron oxide	1317-61-9		50-100
Polyester resin	170831-75-1		1-5
Phenoxy resin	PMN P-95-461		1-5
Carbon black	1333-86-4		< 1
Amorphous Silica	68611-44-9		< 1
Pigments			< 1

3. Hazards identification

In a developer dust cloud the formation of an explosive dust-air mixture is possible.
Developer dust may cause discomfort for the eyes and respiratory tract, in the same manner as inert nuisance dust.
To our knowledge, with due observance of the recommended exposure limit and of normal hygiene this product presents no health hazard in normal use.

4. First aid measures

Eyes contact Rinse with plenty of water.
Skin contact Wash with cold water and soap.
Inhalation Clean nose, mouth, throat. Cough up. Fresh air.
Ingestion Rinse mouth with water. If large quantity swallowed seek medical advice.

For any medical advice take along this material safety data sheet.

5. Fire fighting measures

Extinguishing media Dry chemical, carbon dioxide, water spray (fog), foam
Special fire fighting precautions N.A.
Hazardous products of decomposition N.A.

6. Accidental release measures

Spills can be cleaned with a vacuum cleaner or a damp rag. Do not use warm water, because this makes the powder soft and sticky.

7. Handling and storage

Keep bottle tightly closed to prevent dust formation. Handle carefully. Avoid breathing dust.
No special technical measures for storage.

8. Exposure controls / personal protection

No special technical measures. No personal protective equipment needed.
Industrial hygiene: after skin contact wash with cold water and soap.
Threshold Limit Value for:

* nuisance dust	10 mg/m^3
* carbon black	3,5 mg/m^3
* amorphous silica	10 mg/m^3

continued on the next page

MATERIAL SAFETY DATA SHEET
(93/112/EEC and ISO 11014-1)

Number E-200-a-UK
Date October 1997
Page 2 of 2

Océ D5 Developer

9. Physical and chemical properties

Explosion limits (dust explosion)	**LEL**(= unknown)**UEL** U	**Flash point (°C)**	N.A. (=Not Applicable)
Appearance and odour	Black powder, faint odour	**Ignition temperature (°C)**	U
Boiling point (°C)	N.A	**Bulk density (kg/m^3)**	Approx. 2500
Vapour density (air = 1)	N.A.	**Softening point (°C)**	Approx. 50
Solubility in water	Insoluble	**Evaporation rate (butyl acetate = 1)**	N.A.
Vapour pressure	N.A.	**% Volatile**	0
Other characteristics	N.A.	**pH (solution)**	N.A.

10. Stability and reactivity

Thermal decomposition	Above approx. 450 °C
Hazardous decomposition products	None at intended use
Hazardous reaction	None at intended use

11. Toxicological information

Inhalation	* At high concentration in air the powder may cause discomfort of upper respiratory system.
Skin	* No adverse health effectsare expected.
Eyes	* Dust may cause discomfort in the same manner as nuisance dust.
Ingestion	* Considered relatively harmless.
Mutagenicity	No mutagenicity dectected in Ames-test of similar products.

* These statements are based on toxicological literature on the ingredients of this product and test results of similar products.

12. Ecological information

This product is not biodegradable.
The ingredients are not classified as ecologically hazardous. No adverse environmental effects are expected.

13. Disposal considerations

Pack waste dustproof to prevent dusting. With due observance of local laws and regulations, dispose of by burial in a sanitary landfill or incineration. Do not throw in open fire, in order to prevent the risk of a dust explosion.

14. Transport information

This product is not classified as a dangerous substance according to the international transport regulations.

15. Regulatory information

This product is not classified as a dangerous preparation according to the European Directives 67/548/EEC and 88/379/EEC for the classification, packaging and labelling of dangerous substances and preparations.
Therefore, indications of special risks or safety advice on the packing are not prescribed for this product.

16. Other information

Use: ink powder for printers.
Room ventilation: see operator manual or safety data sheet for the machine.

The content of this safety data sheet is subject to the disclaimer on page 80 of this manual.

Safety data sheet Océ OPC drum

MATERIAL SAFETY DATA SHEET
(93/112/EEC and ISO 11014-1)

Number E-218-a-UK
Date April 1998
Page 1 of 2

Océ OPC Drum Part No. 2912571, Océ ES102 OPC Part No. 7069008

1. Product and company identification

Product name Océ OPC Drum Part No. 2912571, Océ ES102 OPC Part No. 7069008
OPC for Océ 705x, 707x, 9400 and 9600
Packing Cardboard box

Company Océ (UK) Ltd.
Address Langston Road, Loughton, Essex IG10 3SL
Telephone 0181-508 5544 (contact product safety coordinator)
Telefax 0181-508 6689

2. Composition / information on ingredients

Ingredients	CAS No.	ClassiÞcation	Weight %
Aluminium	7429-90-5		>99
Resins			< 1
Pigments			< 1

3. Hazards identification

To our knowledge this product presents no health hazard in normal use.

4. First aid measures

Eyes contact Not Applicable(=N.A.)
Skin contact N.A.
Inhalation N.A.
Ingestion N.A.

For any medical advice take along this material safety data sheet.

5. Fire fighting measures

Extinguishing media Dry chemical, carbon dioxide, water spray (fog), foam
Special fire fighting precautions N.A.
Hazardous combustion products Carbon monoxide, carbon dioxide.

6. Accidental release measures

N.A.

7. Handling and storage

No special technical measures for storage.

8. Exposure controls / personal protection

No special technical measures. No personal protective equipment needed.
No special work hygiene practices needed.

continued on the next page

MATERIAL SAFETY DATA SHEET
(93/112/EEC and ISO 11014-1)

Number E-218-a-UK
Date April 1998
Page 2 of 2

Océ OPC Drum Part No. 2912571, Océ ES102 OPC Part No. 7069008

9. Physical and chemical properties

Explosion limits (dust explosion)	**LEL** N.A. **UEL** N.A.	**Flash point (°C)**	N.A.
Appearance and odour	brown coloured aluminium cylinder	**Ignition temperature (°C)**	N.A
Boiling point (°C)	N.A	**Density (g/cm³)**	2,7
Vapour density (air = 1)	N.A.	**Melting point (°C)**	N.A.
Solubility in water	Insoluble	**Evaporation rate (butyl acetate =1)**	N.A.
Vapour pressure	N.A.	**% Volatile**	0
Other characteristics	N.A.	**pH (solution)**	N.A.

10. Stability and reactivity

Thermal decomposition	None at intended use
Hazardous decomposition products	None at intended use
Hazardous reaction	None at intended use

11. Toxicological information

Inhalation	N.A.
Skin	No adverse health effects are expected. (Based on toxicological literature on the ingredients of this product)
Eyes	N.A.
Ingestion	N.A.
Mutagenicity	No mutagenicity detected in Ames test. None of the ingredients is listed as mutagenic or carcinogenic.

12. Ecological information

This product is not biodegradable.
The ingredients are not classiPed as ecologically hazardous. No adverse environmental effects are expected.

13. Disposal considerations

The drum will be returned to Oc for re-use.

14. Transport information

This product is not classified as a dangerous substance according to the international transport regulations.

15. Regulatory information

This product is an article and contains no dangerous substances. Therefore, indications of special risks or safety advice on the packing are not prescribed for this product.

16. Other information

Use: photoconductor for printers and copiers.

The content of this safety data sheet is subject to the disclaimer on page 80 of this manual.

Safety data sheet Océ Cleaner A

Safety Data Sheet

No. *E-104-a-UK*
Date *February 1991*

Commercial product name	*Océ Cleaner A, Part No. 1068104*
Packing	*Polyethylene bottle, contents 100 ml*
Use	*Antistatic cleaning and maintenance fluid for glass surfaces*

Company	*Océ-(UK) Ltd.*
Address	*Langston Road, Loughton, Essex IG10 3TH*
Telephone	*01-508 5544 (contact product safety coordinator)*
Telefax	*01-508 6689*

1.1 Chemical characterization — *Preparation:*

Water	*CAS No. 7732-18-5*	*50 - 100 %*
Petroleum distillate (free of aromatic hydrocarbons)	*CAS No. 8002-05-09*	*10 - 25 %*
Silicone oil	*CAS No. 67762-92-9*	*1 - 5 %*
Emulsifier		*< 1 %*

1.2 Form: *liquid* 1.3 Colour: *white* 1.4 Odour: *faint*

2 Physical and safety data

2.1	Change in physical state Boiling point	*approx. 100*	°C
2.2	Density (water = 1)	*approx. 1*	g/cm³
2.3	Vapour pressure (*20* °C)	*approx. 23*	mbar
2.4	Viscosity (°C)	*U (= Unknown)*	mPa.s
2.5	Solubility in water in	*miscible*	g/l g/l
2.6	pH (in g/l H2O) (*20* °C)	*6 to 7*	
2.7	Flash point	*> 100*	°C
2.8	Ignition temperature	*U*	°C

2.9 Explosion limits: lower: *U* upper: *U*

2.10 Thermal decomposition: *No decomposition at normal use*

2.11 Hazardous decomposition products: *Carbon monoxide in case of incomplete combustion*

2.12 Hazardous reaction: *None*

2.13 Further information

3 Transport

IMDG-Code: *N.A.* UN-No: *N.A.* ICAO/IATA-DGR: *N.A.*

RID/ADR: *N.A.* ADNR: *N.A.*

Other information: *Not classified as a dangerous substance.*

4 Regulations

OSHA Permissible Exposure Limit for petroleum distillate (CAS No. 8002-05-09): 2000 mg/m³ (500 ppm).

This product is not classified as a dangerous preparation according to the European Directives 67/548/EEC and 88/379/EEC for the classification, packaging and labelling of dangerous substances and preparations. Therefore , indications of special risks or safety advice on the packing are not prescribed for this product.

continued on the next page

No. *E-104-a-UK*

Date *February 1991*

Commercial product name *Océ Cleaner A, Part No. 1068104*

5 Protective measures, storage and handling

5.1 Technical protective measures
No

5.2 **Personal protective equipment**
Respiratory protection: *No*
Hand protection: *None needed at normal use.*
Eye protection: *No*
Other: *No*

5.3 Industrial hygiene
Avoid frequent or prolonged skin contact.

5.4 Protection against fire and explosion:
No special measures.

5.5 Disposal
Do not empty into drains. Dispose of in accordance with local laws and regulations.

6 Measures in case of accidents and fire

6.1 After spillage/leakage/gas leakage
Remove spills with water.

6.2 Extinguishing media
Suitable: *water, dry powder, carbon dioxide.*
Not to be used:

6.3 **First aid**
Inhalation : *Fresh air.*
Skin : *Wash with water.*
Eyes : *Rinse with plenty of water for 5 minutes.*
Ingestion : *Do not induce vomiting, seek medical advice.*

6.4 Further information
For any medical advice take along this safety data sheet.

7 Information on toxicity

Inhalation : *Considered relatively harmless.*
Skin : *Frequent or prolonged contact with petroleum distillate defats the skin and may cause dermatitis.*
Eyes : *Contact with eyes may cause redness and burning feeling.*
Ingestion : *Ingestion of petroleum distillate may cause aspiration of droplets and chemical pneumonitis. It is unknown whether this emulsion may have the same effect.*
Mutagenicity : *None of the ingredients is reported in literature as a mutagenic or carcinogenic agent.*

During normal use no adverse health effects are to be expected.

8 Information on ecological effects

9 Further information

See information leaflet in the Océ Cleaner A Kit.

The content of this safety data sheet is subject to the disclaimer on page 80 of this manual.

EPA ENERGY STAR®

Océ-Technologies B.V. has joined the ENERGY STAR® Program of the United States Environmental Protection Agency (EPA). The purpose of the ENERGY STAR® Program is to promote the manufacturing and marketing of energy-efficient equipment, thereby potentially reducing combustion-related pollution. Using the energy management features outlined below prevents unnecessary power consumption, which helps to prevent air pollution from electricity generating plants and saves money on your utility bills.

As an ENERGY STAR® Partner, Océ-Technologies B.V. has determined that this copier model meets the ENERGY STAR® guidelines for energy efficiency.

The EPA ENERGY STAR® Criteria for copiers involve the following features:

low power mode In the low power mode, the power consumption of certain functions is automatically reduced to save energy. The printer enters the low power mode 30 minutes after the last copy is made[1]. This default time can be adjusted by the key operator to between 5 and 120 minutes. The scanner enters the low power mode 10 minutes after the last copy is made[1]. This default time can be adjusted by the key operator to between 5 and 120 minutes. The low power mode recovery time is less than 1 seconds, after which copying can be resumed.

recycled copier paper The use of recycled paper also benefits the environment. This copier is designed to use recycled paper. Product literature on recommended types of recycled copier paper can be obtained from your local Océ company or Océ Headquarters (Océ-Technologies B.V.) in Venlo, the Netherlands.

[1]For power consumption data: see Product Safety Data Sheet in this appendix.

ENERGY STAR® is a U.S. registered mark.

Appendix C
Miscellaneous

Notation conventions

There are a number of notation conventions used in this manual. This consistent style enables you to quickly become conversant with the use of this manual and consequently the Océ TDS400.

Description Each section or subsection contains a description of the feature or operation identified in the title. It might also include possible applications, as well as any guidelines that you should bear in mind.

Procedures A description is followed by a procedure. A procedure always begins with a phrase which briefly describes the procedure, followed by a series of numbered steps that take you, step by step, through all phases of performing the operation.

Figures and tables Figures and tables are titled and numbered sequential throughout this manual. Figures include pictures of product components, screendumps, examples, and diagrams of concepts discussed in the description.

Attention getters There are several types of information to which we draw your attention. This information is classified as follows:

Note: *In a 'Note', information is given about matters which ensure the proper functioning of the machine or application, but useful advice concerning its operation may also be given.*

Attention: *The information that follows 'Attention' is given to prevent something (your copy or original, the copier or printer, data files etc.) being damaged.*

Caution: *The information that follows 'Caution' is given to prevent you suffering personal injury.*

Reader’s comment sheet

Have you found this manual to be accurate?
- ❑ Yes
- ❑ No

Could you operate the product after reading this manual?
- ❑ Yes
- ❑ No

Does this manual provide enough background information?
- ❑ Yes
- ❑ No

Is the format of this manual convenient in size, readability and arrangement (page layout, chapter order, etc.)?
- ❑ Yes
- ❑ No

Could you find the information you were looking for?
- ❑ Always
- ❑ Most of the times
- ❑ Sometimes
- ❑ Not at all

What did you use to find the required information?
- ❑ Table of contents
- ❑ Index

Are you satisfied with this manual?
- ❑ Yes
- ❑ No

Thank you for evaluating this manual.
If you have other comments or concerns, please explain or suggest improvements overleaf or on a separate sheet.

Comments:

Date:

This reader's comment sheet is completed by:
(If you prefer to remain unknown, please do fill in your occupation)

Name:

Occupation:

Company:

Phone:

Address:

City:

Country:

Please return this sheet to:

Océ-Technologies B.V.
For the attention of ITC User Documentation.
P.O. Box 101,
5900 MA Venlo
The Netherlands

Send you comments by E-mail to: itc-userdoc@oce.nl

For the addresses of local Océ organizations see: www.oce.com

Addresses of local Océ organisations

Océ-Australia Ltd.
P.O.Box 363
Ferntree Gully MDC VIC 3165
Australia

Océ-Österreich GmbH
Postfach 95
1233 Vienna
Austria

Océ-Belgium N.V./S.A.
Avenue J.Bordetlaan 32
1140 Brussels
Belgium

Océ-Brasil Comércio e Industria Ltda.
Caixa Postal 3187
01060-970 Sao Paulo, SP
Brazil

Océ-Canada Inc.
4711 Yonge Street, Suite 1100
Toronto, Ontario M2N 6K8
Canada

Océ Office Equipment (Beijing) Co Ltd.
Xu Mu Cheng
Chaoyang District
Beijing 100028
China

Océ-Česká republika s.r.o.
Hanusova 18
14021 Praha 4
Pankrác,
Czech Republic

Océ-Danmark A.S.
Kornmarksvej 6
DK 2605 Brøndby
Denmark

Océ-France S.A.
32, Avenue du Pavé Neuf,
93161 Noisy-le-grand, Cedex
France

Océ-Deutschland GmbH
Postfach 101454
4330 Mülheim an der Ruhr (13)
Deutschland

Océ (Hong Kong China) Ltd.
12/F 1202 The Lee Gardens
33 Hysan Avenue, Causeway Bay
Hong Kong

Océ-Hungária Kft.
P.O.B. 237
1241 Budapest
Hungary

Océ-Italia S.p.A.
Strada Padana Superiore 2/B
20063 Cernusco sul Naviglio (MI)
Italia

Océ Systems (Malaysia Sdn. Bhd.)
#3.01, Level 3, Wisma Academy
Lot 4A, Jalan 19/1
46300 Petalig Jaya
Malaysia

Océ-Nederland B.V.
P.O.Box 800
5201 AV ‘s-Hertogenbosch
The Netherlands

Océ Norge A/S
Postboks 53, Grefsen
0409 Oslo 4
Norway

Océ-Poland Ltd.
ul. Łopuszańska 53
02-232 Warszawa
Poland

Océ-Lima Mayer S.A.
Av. José Gomes Ferreira, 11
Ed. Atlas II Miraflores
1495 Algés
Portugal

Océ (Far East) Pte. Ltd./
Océ (Singapore) Pte. Ltd.,
#03-00 Wisma Gulab
190 MacPherson Road
Singapore 348548

Océ España SA
Business Park MAS BLAU
C/Osona 2, 2-3a Planta
08820 El Prat del Llobregat (Barcelona)
Spain

Océ-Svenska AB
P.O.box 1231
S-164 28 Kista
Sweden

Océ-Schweiz AG
Sägereistrasse 29
CH8152 Glattbrugg
Switzerland

Océ (Taiwan) Ltd.
No. 99-24 Nan Kang Road Sec.2
Taipeh, Taiwan
Taiwan, RO

Océ (Thailand) Ltd.
16th Floor, B.B. Building
54 Asoke Road, Sukhumvit 21
Bangkok 10110
Thailand

Océ-U.K.Ltd.
Océ House
Chatham Way
Brentwood, Essex CM14 4DZ
United Kingdom

Océ-USA Inc.
5450 North Cumberland Av.
Chicago, Ill. 60656
U.S.A.

Index

U

W