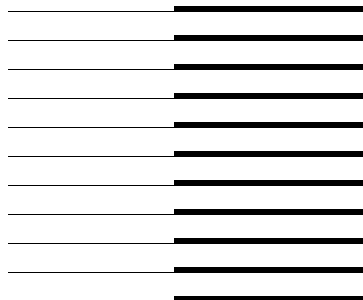


Océ 9600

Copier/Printer

User Manual





Océ-Technologies B.V.

This manual, which can be kept behind the left-hand door of the copier, contains a description of the Océ 9600 and the copy jobs that can be done with it. The introduction (chapter 1) contains general instructions for using the printer. We recommend that you read at least this chapter.

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 copier.*** 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.

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Table of contents

Chapter 1

Introduction

- About this manual 10
- The Océ 9600 12
- Océ 9600 key concepts 13
- Océ 9600 users 16
- Océ 9600 components 17
 - Océ 9600 printer 17
 - Océ 9600 scanner 18
 - Océ 9600 manual feeder 18
 - Océ 9600 controller 19
 - Océ 9600 optional features 21

Chapter 2

Using the Océ 9600 Printer

- Printer operating panel 26
 - Display 27
 - Counter 28
 - Buttons 29
- Printer panel actions 30
 - Starting up and shutting down the Océ 9600 31
 - Media type and size on the printer 32
 - Special media indication 34
 - Interrupt a print job 34
 - Select a language 35
 - Off-line folding settings 36
 - Positioning the reinforcement knives (optional) 37

Chapter 3

Using the Océ 9600 Copier

- Scanner operating panel 40
 - Display 41
 - Buttons 41
 - Section, Function and Arrow buttons 42
 - Sections on the operating panel 42
 - Settings on the Océ 9600 Copier operating panel 44

Perform basic copy jobs	46
Starting up and shutting down the scanner	47
Make copies	48
Selecting the required media	49
Selecting the input mode	50
Specifying the zoom factor	51
Select the exposure	52
Delivering originals after scanning	52
Defining settings for the next original	53
Using the manual feeder for copying	54
Defining delivery of copies	55
Stopping a copy job	55

Chapter 4

Performing special copy jobs

Non-standard size originals	58
The scan width	59
The copy size	60
Scanning originals with filing strip	61
Improving the image quality	65
Brightness	65
Editing functions	67
Auto shift	67
Shift the image	69
Mirror-image copies	71

Chapter 5

Managing print and copy jobs

Introduction	74
Structure	74
Icons	77
The connection to a controller	78
Managing print jobs	79

Chapter 6

Scan to file

Introduction	82
Make a scan-to-file	83
Settings for scan-to-file	85
File mode	86

Destination	86
File type	86
Tiff subformat	87
Resolution	88
Zoom	88
Optimization	88
Mirror	89
Scan Manager	90
Tree view	91
Table view	91
Actions from the Scan Manager	93
Destinations	93
Scanned files	96
Manage the temporary store	98
How to retrieve scanned files?	99
Get files via FTP	99
Océ View Station	101
Menu options	102
Function buttons	103
View error	104

Chapter 7

System status	
Introduction	106
Structure	106
Icons	110
User operations	111

Chapter 8

Remote Logic	
Introduction	114
Installation procedure	115

Chapter 9

The Océ 9600 applications	
Introduction	120
User modes	121
Log in	122
Logout	122
To change the password	122

Automatic login	123
Ease of use	124
Language	124
Help	124
Command line parameters	125
Work on a remote system	127

Chapter 10

Key operator settings

Introduction	130
Starting up and shutting down the controller	131
Settings Editor	132
General structure	133
Menu bar	134
Row of buttons	134
Settings area	134
General control buttons	135
Status bar	136
How to access the Settings Editor	137
How to perform actions from the Settings Editor	137
Key operator settings	139
Job-related settings for copying	140
Job-related settings for copying (single)	141
Original (group)	143
Copy (group)	149
File (group)	154
Zoom calibration	157
Job-related settings for printing	158
Sheet (group)	160
Finishing (group)	165
Image (group)	168
Layout (group)	172
Printer-related settings	174
System related settings	176
Single options	177
Localization (group)	177
Job priorities (group)	179
Media (group)	180
Timers (group)	181
Disk clean up (group)	183
Scanner related settings	185
Single options	186
Zoom steps (group)	187

Chapter 11

System administrator settings

Introduction 192

System Administrator settings 193

Printer related settings 195

Printer Descriptive Language settings (groups) 197

Pen settings 206

System related settings 208

Controller identification settings (group) 209

Set memory reservation settings 211

Connectivity settings 211

Chapter 12

Loading supplies

Introduction 218

Media 219

Rolls 220

Cut sheet material 225

Toner 227

Maintenance of the glass platen and the reference roller 230

Reinforcement unit maintenance 232

A new tape roll 232

The waste box 240

Maintenance of the reinforcement knives 241

Chapter 13

Problem solving

Introduction 244

Original jams in scanner 245

Jams in printer 247

Cut sheet feed section 248

Roll feed section 248

Manual feeder 249

Fuser section 250

Folder 252

Reinforcement unit 260

Other problems 266

Chapter 14

Folder

- Océ 9600 folder 268
 - Folder 268
 - Off line folding 272
 - Reinforcement unit 273
 - Belt unit 275

Appendix A

Overview and tables

- Overview of the Océ 9600 system 278
- Printer operating panel 279
- Scanner operating panel 280
- Product specifications Océ 9600 281
- List of available material types and sizes 288
 - Reinforcement strips 289

Appendix B

Safety information

- Recommended weight limits 292
- Instructions for safe use 294
- Safety data sheets 295
 - Safety data sheet Océ 9600 printer and folder 295
 - Safety data sheet Océ 9600 scanner 295
 - Safety data sheet Océ 9600 printer 296
- EPA Energy Star® 297

Appendix C

Miscellaneous

- How to read this manual 300
- User survey 301
- Addresses of local Océ organizations 303

Chapter 1

Introduction

This chapter contains a general introduction to the Océ 9600, including a general description of the main features, delivery options and software applications provided with the system.



About this manual

This manual contains the following chapters

Chapter 1: Introduction contains a general introduction to the Océ 9600 system, including a general description of the main features, delivery options and software applications provided with the system.

Chapter 2: Using the Océ 9600 printer contains a brief description of the actions that can be performed on the printer operating panel of the Océ 9600.

Chapter 3 Using the Océ 9600 copier contains a brief description of the actions that can be performed on the scanner operating panel of the Océ 9600 plus the basic copy functions that are available from the system.

Chapter 4: Performing special copy jobs provides a detailed description of special copy functions to be performed on the Océ 9600.

Chapter 5: Managing print and copy jobs describes how to view the Océ 9600 print queue and how to abort the active print, how to delete and pause print jobs in the queue and how to restart jobs that have been put on hold.

Chapter 6: Scan to file describes how to scan originals to a file.

Chapter 7: System status describes how to view the system status of the Océ 9600.

Chapter 8: Remote Logic describes how to install the remote versions of the Queue Manager, System Control Panel and Settings Editor on a user PC.

Chapter 9: The Océ 9600 applications describes the general functionality of the Océ 9600 applications.

Chapter 10: Key operator settings describes how to make key operator settings with the Settings Editor.

Chapter 11: System administrator settings describes how to make system administrator settings with the Settings Editor.

Chapter 12: Loading supplies describes regular maintenance tasks, such as refilling paper and toner or refilling the reinforcement unit.

Chapter 13: How to solve problems describes the problems that may occur while using the Océ 9600.

Chapter 14: Folder contains a description of the optional folder delivered with the Océ 9600.

Appendix A: Overview and tables contains the product specifications for the Océ 9600, a list of available material types and sizes.

Appendix B: Safety information contains the recommended weight limits, instructions for safe use, the available safety data sheets and the applicable ENERGY STAR[®] specifications.

Appendix C: Overview of printer/copier parts To help you quickly find the parts of the copier and the functions on the operating panel, an illustration of the Océ 9600 is presented in appendix A or B.

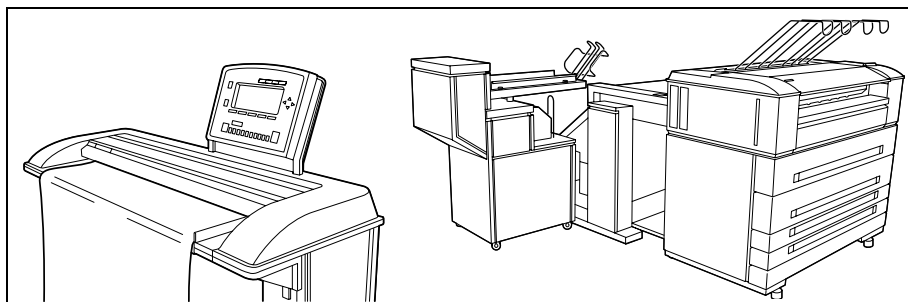
Appendix D: Miscellaneous contains the notation conventions, a reader's comment sheet and the addresses of local Océ organizations.

Index indicates where you can find the most commonly used terms in the manual.

The Océ 9600

The Océ 9600 is a wide-format, black-and-white, electrophotographic, mid- to high-volume copier/printer/scanner. The machine is available in a number of printer configurations, ranging from two rolls in a single drawer (the minimum configuration) to a maximum of six rolls (with one cassette tray) and three cassette trays (with four rolls).

The Océ 9600 is a versatile, highly productive system which offers you a broad range of functions. See 'Product specifications Océ 9600' on page 281 for more information.



[1] Océ 9600

Océ 9600 key concepts

Printer configuration The Océ 9600 is available in a number of printer configurations, ranging from two rolls in a single drawer (the minimum configuration) to a maximum of six rolls with one cassette tray and four rolls with three cassette trays. Also, a number of optional features are available, including a folder, a horizontal delivery tray, a roll loader and a paper switch for supporting customer finishing units.

Copy functionality With the Océ 9600 scanner, a large number of copy activities can be performed. A wide variety of original and copy related settings are supported. Users can specify particular layout, media, finishing, feeding and quality enhancement options from the scanner operating panel. See 'Product specifications Océ 9600' on page 281 for more information.

Scan to file The Océ 9600 offers full hybrid performance with its optional scan-to-file function. Documents are scanned and then digitally stored. Ten customizable destinations are supported.

Network connectivity The Océ 9600 supports a number of popular network protocols. This means that it can be used in multiple networking environments such as TCP/IP, NetBEUI, and Novell Pserver (IPX/SPX).

Set processing The Océ 9600 supports set processing. This means that when you send a file to the printer, it is processed once and can be printed many times (as required). The Océ 9600 is equipped with a set memory for storing up to 250 A0s, which allows for the creation of identical sets that are sorted either by page or by set.

Print/copy job A print/copy job is a job sent to the Océ 9600 Printer from a user application (print job) or from the scanner (copy job). A print/copy job may consist of several sets, which in turn may consist of several pages. Sorting of a print/copy job may take place based on sets or on pages.

Spool memory The Océ 9600 contains a spool memory which provides a queuing system for files you want to print. The spool memory allows multiple users to send print jobs to the Océ 9600 simultaneously. The print jobs are then placed in the print queue where they wait to be printed. The first job put into the queue is the first to be printed.

Job recovery The Océ 9600 is equipped with a job recovery function that safeguards users against data loss in case of a printer failure. After a restart, the data submitted to the printer before the crash will be automatically processed and printed. This means that jobs do not have to be resubmitted after a printer malfunction, thus saving valuable time for the users.

Green button principle The Océ 9600 is a very user-friendly system. The scanner, in particular, is very easy to operate. Basic copy jobs can be performed by simply pressing the green start button on the scanner operating panel. If you want to perform more complex copy jobs, you have to change the default copy settings with the help of the other settings on the scanner operating panel.

User interaction The user can communicate with the Océ 9600 from different locations, both locally (printer and scanner operating panels, controller applications) and remotely (drivers on user workstations, Remote Control Format (RCF) files or Océ Job Tickets (OJT) and remote applications):

- **Operating panels**

The Océ 9600 consists of two operating panels for making a wide variety of settings for printing and copying. See ‘Printer operating panel’ on page 26 and ‘Scanner operating panel’ on page 40 for more information.

- **Controller applications**

The Océ 9600 controller applications are used for making default key operator and system administrator settings (Settings Editor). For viewing the status of the jobs in the print queue, use the Queue Manager. The ‘System Control Panel’ shows the status of the entire system. With ‘Scan Manager,’ you can define all relevant settings for scan to file. See ‘Océ 9600 controller’ on page 19 for more information.

- **Printer drivers**

With the Océ 9600, a number of printer drivers can be used, including Plot Director, Windows driver, AutoCAD ADI/HDI and PostScript. With these drivers, PC users can access the Océ 9600 remotely, from their applications to print their files. More information about installing, configuring and using drivers can be found in the documentation provided with the drivers. All Océ drivers (except Postscript) can be freely downloaded from the Internet at www.oce.com.

- A Remote Control Format (RCF) file or Océ Job Ticket (OJT) can be used to instruct the Océ 9600 on how to handle a remote print job. The specific settings can be made by a user on a control panel, or by means of the user interface (UI) on a workstation or PC. The RCF file/job ticket specifies the sets of inputs, the sets of outputs and the processing that is needed to form the outputs. See the 'Remote Control Format Reference Manual' and the 'Océ Job Ticket Reference Manual' for more information about Remote Control Format (RCF) files or Océ Job Tickets (OJT).

Océ 9600 users

On the Océ 9600, the following user types can be identified:

System administrator The Océ 9600 system administrator is responsible for installing and configuring the Océ 9600 in his or her environment. He defines the printer language settings, pen settings and Automatic Language Sensing (ALS) settings. The system administrator can also provide assistance to normal users who need to install the printer drivers on their workstations. See chapter 7, 'System status' on page 105 for more information. Configuration information can be found in the Océ 9600 Connectivity Manual provided with the Océ 9600.

Key operator The Océ 9600 key operator is responsible for daily maintenance of the Océ 9600. The key operator replenishes toner when necessary, loads media as needed and defines the default printer settings for recurring print jobs. Also, the key operator defines all time settings, such as panel time out and sleep mode time out. See chapter 10, 'Key operator settings' on page 129 for more information.

Repro operator The Océ 9600 repro operator is responsible for the daily operations on the Océ 9600. The repro operator performs all job-related activities on the system and is allowed to change the default settings for job-related activities in the Settings Editor.

Anonymous user Typically, an anonymous user on the Océ 9600 can be either a PC user who has remote access to the system through one or more drivers (Plot Director, Windows driver, AutoCAD ADI/HDI or PostScript), the remote applications (Queue Manager, System Control Panel and Settings Editor), or a user performing a copy job at the scanner.

Océ 9600 components

The Océ 9600 is available as a digital network printer, copier and scan-to-file system. It consists of the following components:

- Printer (see ‘Océ 9600 printer’ on page 17)
- Scanner (see ‘Océ 9600 scanner’ on page 18)
- Controller (see ‘Océ 9600 controller’ on page 19)
- Optional features (see ‘Océ 9600 optional features’ on page 21)

These components, in combination with your network, Plot Director and one or more drivers (Windows driver, AutoCAD HDI or PostScript), allow you to use the Océ 9600 as your default enterprise printing and copying solution.

See the Océ 9600 Connectivity Manual for more details about making networking settings on the Océ 9600 printer. More information about installing, configuring and using drivers can be found in the documentation provided with the drivers.

Note: *All Océ drivers and file submitters can be freely downloaded from the Internet at www.oce.com.*

Océ 9600 printer

As a user, you can perform a number of activities at the Océ 9600 printer. You can start up and shut down the printer, set the media type and size, set a special media indication, stop a print job or select your preferred language from the printer operating panel (see chapter 2, ‘Using the Océ 9600 Printer’ on page 25 for more details). With the manual feeder, you can manually feed sheets of printing material if you want to print a job on a media type and/or size that is not available on one of the paper rolls or in one of the cassette trays (see ‘Océ 9600 manual feeder’ on page 18 for more information).

Océ 9600 scanner

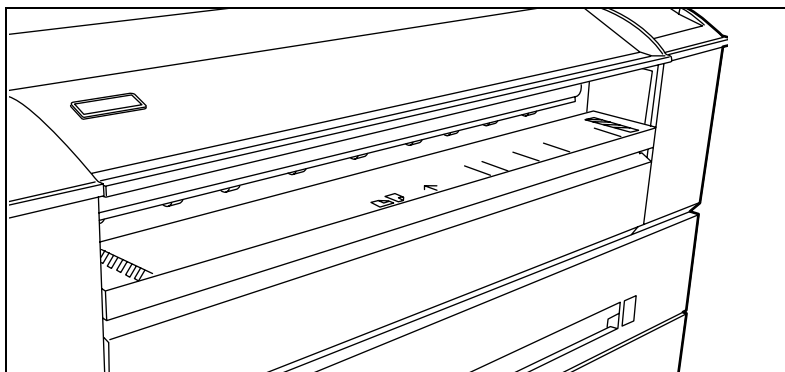
The Océ 9600 scanner supports a wide range of copy activities. It provides a large number of functions for defining original and copy-related settings. Users can specify particular layout, media, finishing, feeding and quality enhancement options from the scanner operating panel. In combination with the Océ 9600 printer, it constitutes a powerful productivity tool.

The Océ 9600 scanner is also used to carry out ‘scan to file’ operations.

Océ 9600 manual feeder

The Océ 9600 offers you the ability to manually feed sheets of printing material. This can be convenient if you want to print a job on a media type and/or size that is not available on one of the paper rolls or in one of the cassette trays. The manual feed is a special slot just above the paper drawers on the engine. You can insert cut sheet material in this slot, one sheet at a time.

Note: *Only use material as specified in ‘List of available material types and sizes’ on page 288.*



[2] Océ 9600 manual feeder

Attention: *When you feed a sheet of printing material in the manual feeder while a normal print job is being executed, a media jam may occur.*



Use the manual feeder

- 1 Select the manual feed option from the printer driver and select the media to print on before you send the job to the printer.
Note: *More information about Océ 9600 Plot Director and other printer drivers can be found in the online help provided with those drivers.*
- 2 Wait until the following message appears on the printer display:
(for example): *Waiting for manual feed job xxx. Feed A3 portrait, plain paper.*
- 3 Go to the printer and specify the required media on the operating panel. See 'Set media type for manual feeder' on page 33 for more information.
- 4 Take your sheet of print material to the manual feed.
Note: *Avoid using sheets that have already been printed on one side. Otherwise, the Océ 9600 might become damaged.*
- 5 Use both hands to align the print material with the format indication on the manual feed.
- 6 Move the material forward into the manual feed slot until the printer pulls in the first part of the sheet.
A few seconds later, the complete sheet will be pulled into the printer.
- 7 If the print job requires more sheets, the printer will ask you to feed in the next sheet.
- 8 Collect your output.

Note: *The sheet must be inserted face-up.*

Océ 9600 controller

The Océ 9600 is equipped with a workstation which helps you to make optimum use of your system. This workstation runs a number of applications which allow you to control your print jobs, make your default printer settings and monitor the printer status. These applications include:

- Queue Manager (QM)
- System Control Panel (SCP)
- Settings Editor (SE)
- Scan Manager (SM)

Queue Manager The Océ 9600 Queue Manager (QM) application provides you with a graphical representation of the print queue. It allows you to view the print queue and the status of the print jobs, as well as to manage the jobs in the queue. With the Océ 9600 Queue Manager you can:

- View the print queue
- Abort the job currently being printed
- Delete job(s) in the queue
- Pause job(s) in the queue
- Restart previously paused job(s) in the queue

See chapter 5, ‘Managing print and copy jobs’ on page 73 for more information about the Océ 9600 Queue Manager.

System Control Panel The Océ 9600 System Control Panel (SCP) application provides you with status information about the printer. This includes:

- Machine status of the Océ 9600 printer and scanner
- Set memory monitor to view the available storage space on the controller.
- Overview of the loaded media types and sizes.

See chapter 6, ‘Scan to file’ on page 81 for more information about the Océ 9600 System Control Panel.

Key Operator settings / System Administrator settings The Océ 9600 Settings Editor allows an operator to configure and set up job, printer, system and scanner specific settings. These settings include:

- Format options
- Editing options
- Media-related options
- Finishing options
- General job, printer and system options

See chapter 10, ‘Key operator settings’ on page 129 for more information about the Océ 9600 Settings Editor application.

The system administrator settings in the Océ 9600 Settings Editor application allow the system administrator to configure and set up all aspects related to the infrastructure of the system. These settings include:

- Host information
- Network settings
- Pen settings
- Printer language settings
- General administrator settings

See chapter 9, ‘The Océ 9600 applications’ on page 119 for more information about the Océ 9600 Settings Editor application.

Scan Manager The Scan Manager is an application available only locally on the controller. With the Scan Manager you can:

- configure the destinations for ‘scan to file’.
- increase your productivity with automatic file naming.

See chapter , ‘Scan Manager’ on page 90 for more information about the Océ 9600 Scan Manager application.

Océ 9600 optional features

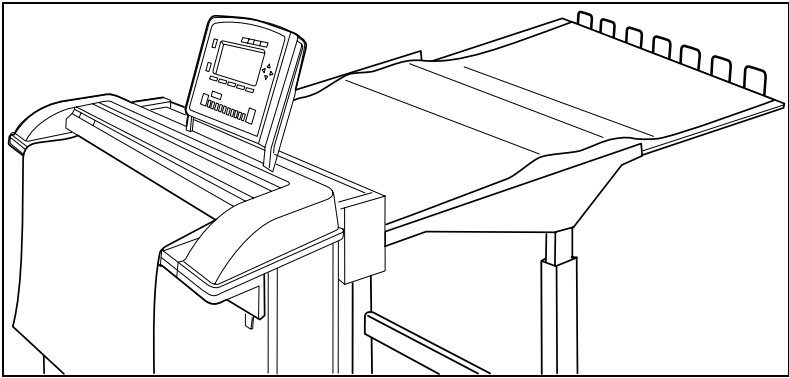
By default, the Océ 9600 is equipped with an Integrated Receiving Tray (IRT) as the output delivery device. The IRT is the rack on top of the machine (see figure 1 on page 12). A number of optional features are also available with the Océ 9600. These include:

Rolls and cassette trays The Océ 9600 is available in many configurations, ranging from two rolls in a single drawer, to four rolls in two drawers plus three cassette trays. A maximum of six rolls (in combination with one sheet feeder) and three sheet feeders (in combination with four rolls) can be configured.

Note: *Contact your Océ representative if you want to know more about the available configurations.*

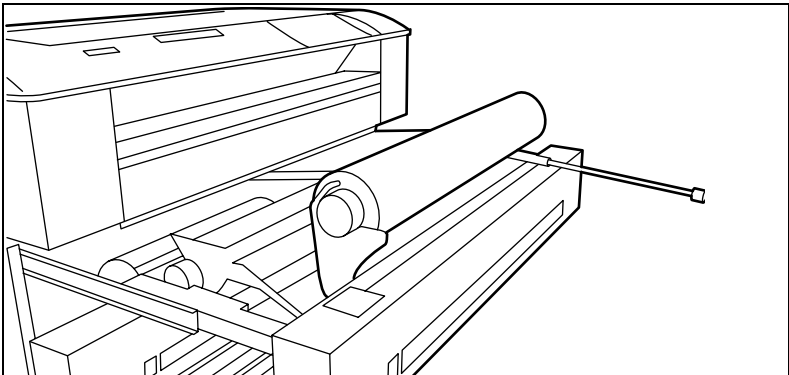
Each of the rolls and cassette trays on the Océ 9600 may be loaded with print material of a different size or type. The size and type of the available media are indicated on the operating panel.

Original delivery tray The original delivery (see figure 3) tray can be used to stack a number of originals behind the scanner after they have been scanned.



[3] Original delivery tray

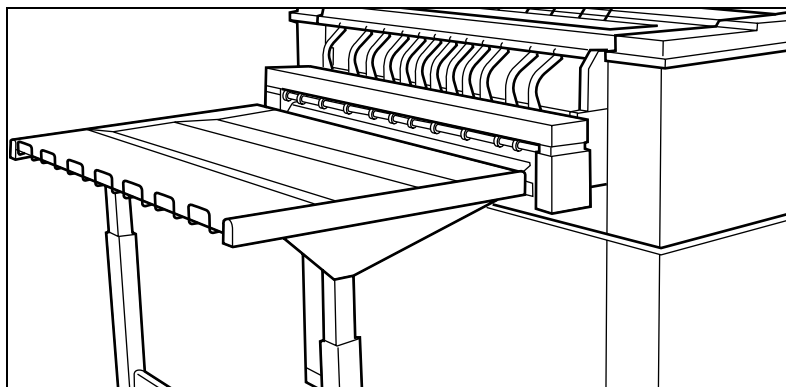
Roll loader In order to help customers to achieve optimum productivity with their Océ 9600 and at the same time comply with the international safety regulations as far as maximum roll weights are concerned, Océ provides an optional roll loader for use with the Océ 9600. See 'Recommended weight limits' on page 292 for more information about the maximum recommended roll weights.



[4] Roll loader

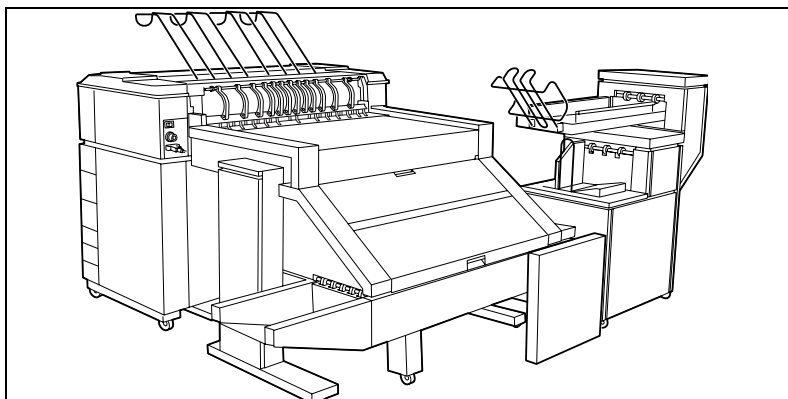
Paper switch To allow customers to use their own output delivery devices, or CFUs (Customer Finishing Units), with the Océ 9600, Océ has developed the paper switch. This switch is used to direct output to the delivery device of your choice.

Copy Delivery Tray The Copy Delivery Tray can be used to neatly stack a number of prints of various sizes. This tray can be extended for longer prints. Unfolded copies can be delivered to the Copy Delivery Tray. The Copy Delivery Tray can be used in combination with the Integrated Receiving Tray (IRT).



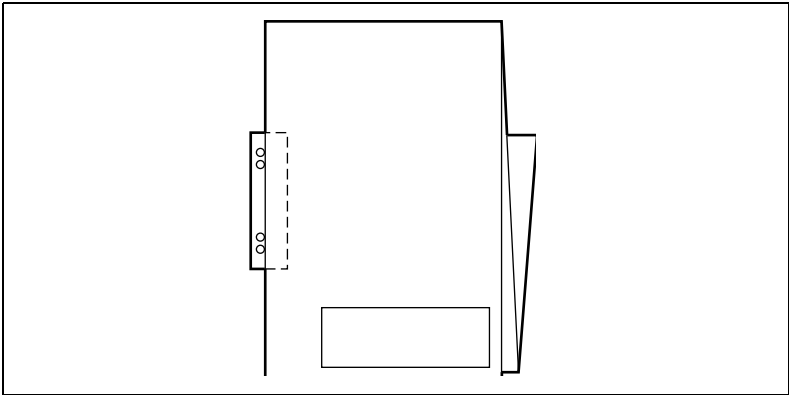
[5] Copy Delivery Tray

Folder If the Océ 9600 is equipped with a folder, the folded copies are fed into the standard delivery of the folder, by default. The folder can be combined with the integrated receiving tray (IRT).



[6] Folder

Reinforcement unit The optional reinforcement unit adds a firm plastic rim with punched holes to the copy (see figure 7).



[7] Copy with reinforcement unit

Chapter 2

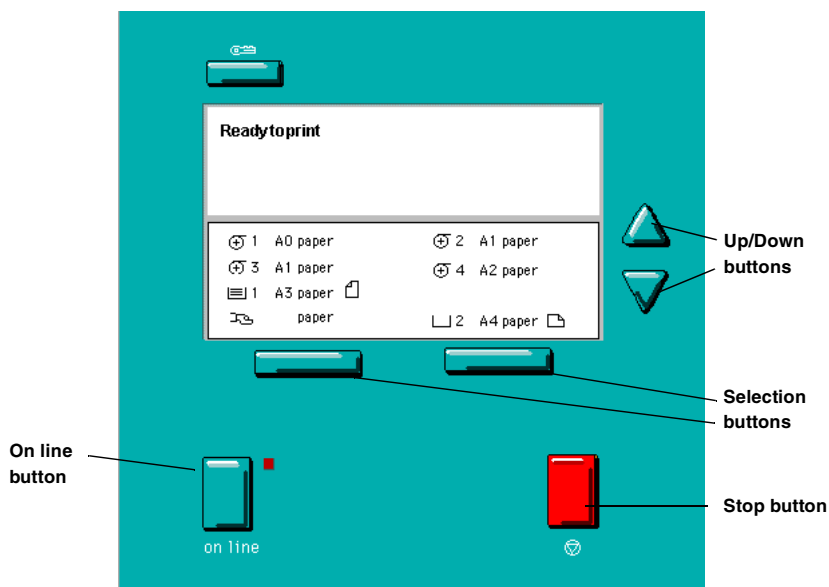
Using the Océ 9600 Printer

This chapter contains a brief description of the operating panel of the Océ 9600 Printer and the actions that can be performed on it.



Printer operating panel

The printer operating panel, located on the right-hand side of the printer console, is easy to use (see figure 8). The panel consists of a number of buttons and a graphical display. At the top of the panel there is an indicator (a light) which starts flashing when operator intervention is required.



[8] Printer operating panel

Display

The graphical (LCD) display offers feedback about the current printer status. It provides you with the following information:

- Status information (e.g. 'Preparing for run' or 'Ready to print').
During normal operation, the following message types may appear:
Status/action message: indicates the actual status of the printer plus the action to be taken, e.g. 'Roll empty. Feed A2, plain paper'.
Warning message: during a warning message, the printer will continue to operate, but it is possible that the print quality will not be optimal, e.g. 'Fill B5 toner'.
A graphical overview of available rolls and cassette trays, including the material type and size used by each roll or cassette tray.
- A symbol indicating the paper orientation (for cassette trays only).
- An indication that a particular roll or cassette tray is empty (if applicable).
An empty roll is represented by a dotted roll symbol.
An empty cassette tray is displayed as an empty paper tray.
- In the event of an error, a graphical representation of any error location (cover or panel), together with instructions on how to solve the problem is displayed.

Counter

On the Océ 9600 Printer operating panel, a counter will be displayed that gives the user feedback about the progress of the job that is currently being printed. The counter, located at the bottom of the upper window on the operating panel, displays the number of sets and/or pages printed. Counting starts at 1. The following options are available:

- When no sets are made, only the current page and the total number of pages are displayed (e.g. 'Page 3 of 5'). At the beginning of a job, when the system does not yet know the total number of pages, only the current page may be displayed (e.g. 'Page 5').
- With set input: set counter. In this case, the counter shows the current, total number of sets and the current page (e.g. 'Set 3 of 5, Page 10'). At the beginning of a job, when the system does not yet know the total number of sets, only the current set and page may be displayed (e.g. 'Set 2, Page 5').
- With set input: multiple sheet counter. In this case the counter shows the current page, the total number of pages and the current copy, e.g. 'Page 2 of 12, Copy 5'. At the beginning of a job, when the system does yet not know the total number of pages, only the current page and copy may be displayed (e.g. 'Page 2, Copy 5').

Buttons

With the buttons on the operating panel, you can make a number of settings for the Océ 9600 Printer, such as the media type and size or the preferred language.

The following buttons are available:

Button types

	<i>Function</i>
<i>Selection buttons</i>	<p>The selection buttons are located immediately below the graphical display. The left button can be used to activate one of the main menu choices (Language, Folding or Media) on the left part of the display.</p> <p>Note: A shadow highlighting effect is used to indicate the active menu option.</p> <p>The right selection button can be used to activate the options on the right part of the graphical display.</p> <p>Note: To identify the active selection, the dotted line around this selection is changed into an uninterrupted line and the small selection triangles next to the specified option are no longer dimmed.</p> <p>These selection triangles indicate that you can select an option from a predefined list with the help of the Up/Down buttons.</p>
<i>Up/Down buttons</i>	<p>These two triangular buttons to the right of the graphical display are used to display the next or previous option from the selected menu choice and to select the desired option.</p>
<i>On line button</i>	<p>By pressing the on line button you can put the printer on line or off line. If the green light above the on line button is on, the printer is on line; if this light is off, the printer is off line.</p>
<i>Stop button</i>	<p>The red stop button is used to stop the present print job. After this button is pressed, a dialog will display and ask for confirmation.</p> <p>Note: The printing process does not stop instantaneously because a number of prints may already have been submitted to the printer after processing. The prints cannot be stopped.</p>
<i>Key button</i>	<p>The green key button has no function.</p>

Printer panel actions

On the Océ 9600 printer operating panel you can perform a limited number of actions. These include:

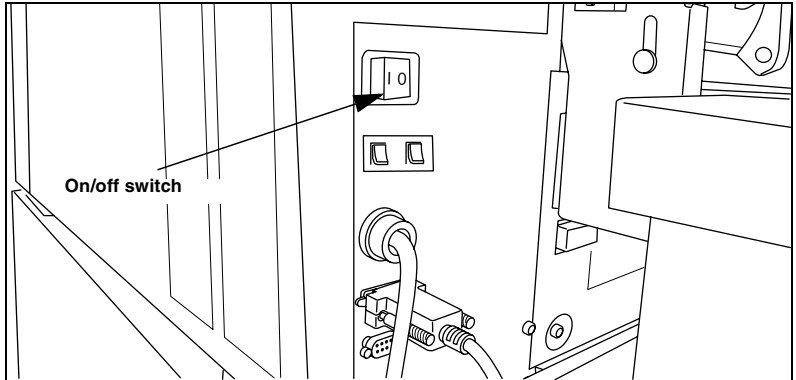
- Starting up and shutting down the printer
- Setting media type
- Setting media type for manual feeder
- Setting media size
- Setting a special media indication
- Stopping a print job
- Selecting the preferred language
- Making off-line folding settings
- Cleaning the reinforcement knives

Starting up and shutting down the Océ 9600

After starting up the Océ 9600 Printer, it is ready for operation.

▼ Start up the system

- 1 Set the on/off switch at the rear of the printer to position '1' (see figure 9). If the mains is connected correctly, the green switch will light up.



[9] Printer on/off switch

- 2 Turn on the scanner.
- 3 Turn on the controller and the monitor.

Note: *The Océ 9600 controller will be started up automatically.*

▼ Turn off the system

- 1 Select the 'Shut down' option from the System Control Panel.
- 2 Turn off the controller and the monitor.
- 3 Set the on/off switch at the rear of the printer to position '0' (see figure 9).

Note: *Turning off the printer during a print job may cause loss of information or a paper jam.*

Note: *After turning it off, wait at least 5 seconds before you restart the system.*

Media type and size on the printer

One of the features of the Océ 9600 printer is the automatic media change function. This function allows the printer to switch to another roll of the same format and copy material when the roll or cassette tray becomes empty during printing.

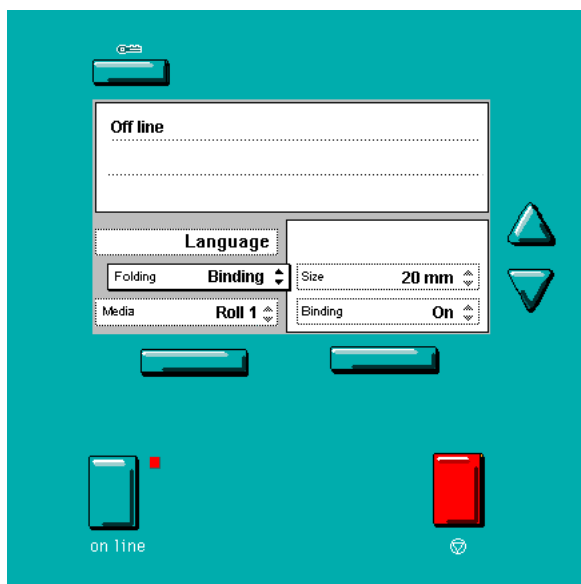
Note: *Because the Océ 9600 Printer cannot detect the loaded copy material type and format itself, you have to specify type and size after you (re)load media, as described in 'Media' on page 219.*

See 'List of available material types and sizes' on page 288 for an overview of all materials that can be used on the Océ 9600 Printer.



Set media type

- 1 Press the on line button on the printer operating panel to put the printer off line. The 'Off line' message is displayed in the status window.



[10] Operating panel in off line mode

The focus is shifted to the Media option (indicated by the shadow effect).

- 2 Use the Up/Down buttons to select the roll or cassette tray for which you have just loaded new media.

- 3 Press the right selection button to activate the Mat. (Material) option.
The dotted line around the current selection is changed into an uninterrupted line and the small selection triangles next to the specified material are no longer dimmed.
- 4 Use the Up/Down buttons to select the material you just loaded.
- 5 Press the on line button to put the printer on line again. The printer now knows which material is used for the specified roll or cassette tray.



Set media type for manual feeder

- 1 Press the on line button on the printer operating panel to put the printer off line.
The 'Off line' message is displayed in the status window.
- 2 Press the left selection button to shift the focus to the Media option.
A shadow effect is used to indicate that the focus is set to this option.
- 3 Use the Up/Down buttons to select the Manual option.
- 4 Press the right selection button to activate the Mat. (Material) option.
The dotted line around the current selection is changed into an uninterrupted line and the small selection triangles next to the specified material are no longer dimmed.
- 5 Use the up/down buttons to select the material you just loaded.
- 6 Press the on line button to put the printer on line again. The printer now knows which material is used by the manual feeder.



Set media size

- 1 Press the on line button on the printer operating panel to put the printer off line.
The 'Off line' message is displayed in the status window (see figure 10 on page 32).
- 2 Press the left selection button to shift the focus to the Media option.
A shadow effect is used to indicate that the focus is set to this option.
- 3 Use the up/down buttons to select the roll or cassette tray for which you have just loaded new media.
- 4 Press the right selection button to activate the Size option.
The dotted line around the current selection is changed into an uninterrupted line and the small selection triangles next to the specified size are no longer dimmed.
- 5 Use the up/down buttons to select the size of the media you just loaded.
- 6 Press the on line button to put the printer on line again. The printer now knows which media size is used for the specified roll or cassette tray.

Special media indication

On the Océ 9600 Printer, you can attach a Special indication (exclamation mark: !) to a roll or cassette tray which uses special media (for instance colored paper). This indication is used to identify the roll or cassette tray to the printer. For this roll or cassette tray, the automatic media change option is disabled.

▼ Set a special media indication

- 1 Press the on line button on the printer operating panel to put the printer off line. The 'Off line' message is displayed in the status window (see figure 10 on page 32).
- 2 Press the left selection button to shift the focus to the Media option. A shadow effect is used to indicate that the focus is set to this option.
- 3 Use the up/down buttons to select the roll or cassette tray for which you have just loaded special media.
- 4 Press the right selection button to activate the 'Type' option. The dotted line around the current selection is changed into an uninterrupted line and the small selection triangles next to the specified type are no longer dimmed.
- 5 Use the up/down buttons to select the Special option for the specified roll or cassette tray.
- 6 Press the on line button to put the printer on line again. The printer now knows that the specified roll or cassette tray contains special material.

Interrupt a print job

The red 'Stop' button on the Océ 9600 Printer operating panel interrupts the active print process. You can cancel or continue the current print job.

▼ Cancel a print job

- 1 Press the 'Stop' button.
A dialog is displayed informing you that you can press 'on line' to continue or stop to cancel the job.
- 2 Press the 'Stop' button again to cancel the current job.
Note: *In general, the printer cannot be stopped immediately because the started prints have to be finished. Printing will be stopped at the end of the page.*

▼ Continue a print job

- 1 Press the 'Stop' button.

A dialog is displayed informing you that you can press 'on line' to continue or stop to cancel the job.

- 2 Press the 'On line' button to continue the current print job.

Select a language

On the operating panel of the Océ 9600 Printer you can specify which language you want to use for displaying printer information, such as status and error messages.

By default, you can choose between two languages, which have been defined for your system by the key operator (see chapter 10, 'Key operator settings' on page 129).

Note: *If the key operator has specified only one language, it will not be possible for you to choose. In that case, the language option will not appear on the operating panel.*



Select a language

- 1 Press the on line button on the printer operating panel to put the printer off line. The 'Off line' message is displayed in the status window.
- 2 Press the left selection button to shift the focus to the Language option. A shadow effect is used to indicate that the focus is set to this option.
- 3 Activate the Language option by pressing the right selection button. The dotted line around the current selection is changed into an uninterrupted line and the small selection triangles next to the specified language are no longer dimmed.
- 4 Use the up/down buttons to switch between the predefined languages.
- 5 The language specific elements on the display are immediately customized to reflect your language choice. Only the indicator for the language itself is in the alternate language. This way you always know what your alternate language is.
- 6 Put the printer on line again by pressing the on line button. The printer now uses the selected language.

Off-line folding settings

On the Océ 9600 Printer operating panel, you can specify the settings you want to use for off-line folding. These settings include defining the length and width of the folded package, enabling and defining the binding edge, selecting the input method and legend position and cleaning the reinforcement knife.

▼ **Make off-line folding settings**

- 1 Press the on line button on the printer operating panel to put the printer off line. The 'Off line' message is displayed in the status window.
- 2 Activate the Folding option by pressing the left selection button. The dotted line around the current selection is changed into an uninterrupted line and the small selection triangles next to the specified option are no longer dimmed.
- 3 Use the up/down buttons to toggle through the available options.
- 4 Activate the Input option and press the right selection button to activate the Legend option.
- 5 If necessary, change the value in the Legend field with the up/down buttons.
- 6 Press the right selection button again to activate the Method option.
- 7 If necessary, change the value in the Width field with the up/down buttons.
- 8 Press the left selection button again and use the up/down buttons to select another option. This can be Package (with sub-options Length and Width), Binding (with suboptions Size and Binding), or Special (with sub-option Knife).
- 9 Make any desired settings.
- 10 Put the printer on line again by pressing the on line button. The printer now uses the specified off-line folding settings.

Positioning the reinforcement knives (optional)

Because the knives of the optional reinforcement unit of the folder 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 'A new tape roll' on page 232) or when an error in the reinforcement unit has occurred.

Before you can clean the reinforcement knives, you have to place them in such a position that all the parts that need to be cleaned are accessible. You can do this from the printer operating panel.



Prepare the reinforcement knives for cleaning

- 1 Press the *on line* button on the printer operating panel to put the printer off line. The '*Off line*' message is displayed in the status window.
- 2 Press the left selection button to shift the focus to the *Folding* menu. A shadow effect is used to indicate that the focus is set to this menu.
- 3 Select the *Special* option from the *Folding* menu.
- 4 Press the 'start' right selection button to activate the *Knife* option. The following information is now displayed in the panel display:



[11] Cleaning the reinforcement knife

Note: When a job is running, the '*Job interrupted*' message appears. The machine stops running after it has correctly finished the prints that were already in the engine. Then the reinforcement knives are placed in the correct position.

- 5 You can now continue to clean the reinforcement knives (see 'Maintenance of the reinforcement knives' on page 241).

Chapter 3

Using the Océ 9600 Copier

This chapter contains a brief description of the interface of the Océ 9600 Copier and the actions that can be performed on its operating panel.

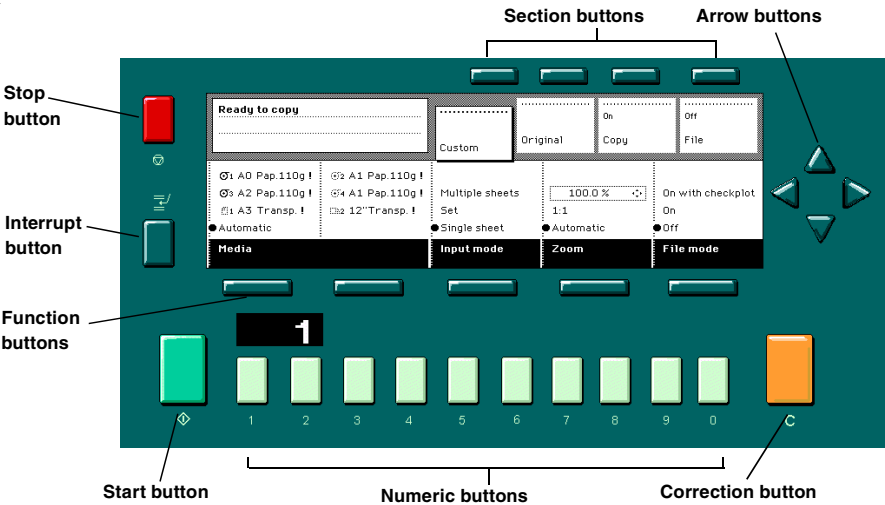


Scanner operating panel

The Océ 9600 is a very user-friendly system. The scanner, in particular, is very easy to operate. Basic copy jobs can be performed by simply pressing the green start button on the scanner's operating panel. If you want to perform more complex copy jobs, you have to change the default copy settings with the help of the other settings on the scanner operating panel.

The operating panel is located above the original feed. The Océ 9600 Copier operating panel is illustrated below. As you can see in this diagram, the panel consists of a display in the center, surrounded by a number of function, section and arrow buttons. To the left of the display, you can find the Stop and Interrupt buttons. Below the display, you can find the Start, Numeric and Correction buttons as well as the Counter window.

This section consists of two parts. The first part explains the basic use of the buttons. The second part deals with special use of the display. It describes how to use the soft buttons above and along the sides of the display to define your copy settings.



[12] Scanner operating panel

Display

The display is used to make settings for copying. The display provides feedback about the system status.


The scanner display informs you about:

- the number of copies you have selected, the media selection, input mode, zoom settings and exposure.
- the actual system status, for example 'Ready to copy'. In the event of an error in the scanner, the exact error location is graphically shown on the scanner display, together with instructions on how to solve the problem.

Buttons

With the buttons on the operating panel you can make a number of settings for the Océ 9600 Copier.

The following buttons are available:

Button type	<i>Function</i>
<i>Start buttons</i>	The green button marked with  is used to start the feeding of the original, or to re-start the copy process.
<i>Numeric buttons</i>	The buttons with numbers on the lower part of the operating panel are used to enter numbers.
<i>Correction button</i>	The orange button marked with C, located at the bottom right of the operating panel. If you press the correction button once, the copy counter is set to the default (probably '1'). If you press this button twice, all settings are reset to their default values.
<i>Stop button</i>	Pressing the red button to the left of the display stops the copy process for the current original. You can stop the original transport immediately when an original jam occurs.
<i>Interrupt button</i>	Currently not in use.

Section, Function and Arrow buttons

Apart from the buttons mentioned above, the operating panel of the Océ 9600 Copier contains a number of other buttons. These include:

- Section buttons
- Function buttons
- Arrow buttons.

The section buttons are the four buttons located above the display. These buttons provide access to the 'Custom', 'Original' and 'Copy' sections on the display.

Each section contains several functions (cards). These can be accessed with the help of the function button on the far left, which is also called the card selection button.

The other function buttons allow you to select functions or subfunctions within a card.

Finally, the arrow buttons can be used, like the numeric buttons, to define numeric settings. The arrow buttons are also used for selecting subfunctions

Sections on the operating panel

The operating panel of the Océ 9600 Copier consists of the following three sections:

- Custom
- Original
- Copy.

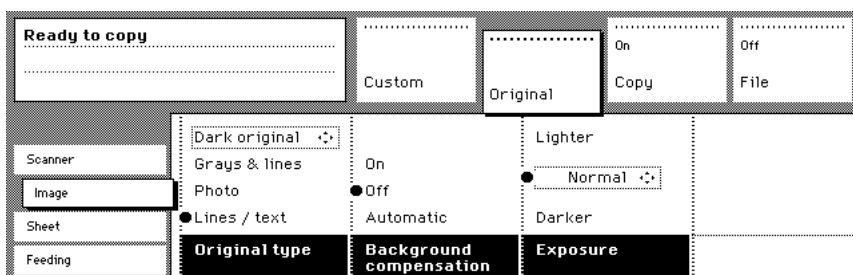
Custom section Upon startup of the Océ 9600 Copier, a number of default settings are available from the 'Custom' section. These settings, which can also be found in one of the other two sections, are the most commonly used options on the Océ 9600 Copier. The key operator can change the contents of the 'Custom' section from the Settings editor on the controller (see 'Specify the custom card' on page 138).

By default, the ‘Custom’ section includes the ‘Media’, ‘Input mode’ and ‘Zoom’ settings plus one or two others. This could be, depending on your configuration and language settings, the ‘Folding’ (if you have a folder), ‘Language’ (if you work with more than one language) or ‘Exposure’ settings. See figure 12 on page 40 for an example of the ‘Custom’ section.

Original section The ‘Original’ section contains all settings for the original, divided over a number of cards. The following cards are available (top to bottom):

- Scanner
- Image
- Sheet
- Feeding

Each card contains a number of specific options, as shown below.

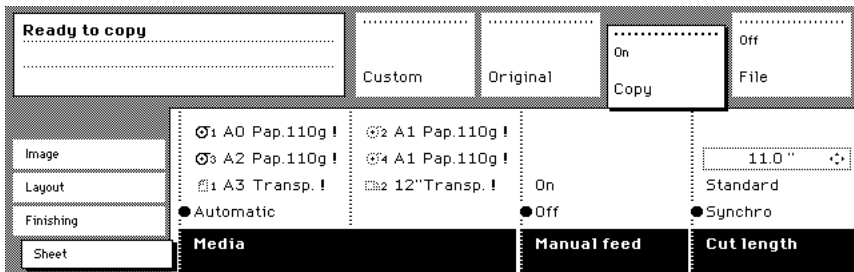


[13] Original section of the Océ 9600 Copier

Copy section The ‘Copy’ section contains all settings for the copy, divided over a number of cards. The following cards are available (top to bottom):

- Image
- Layout
- Finishing
- Sheet

Each card contains a number of specific options, as shown in figure 14 on page 44.



[14] Copy section of the Océ 9600 Copier

Settings on the Océ 9600 Copier operating panel

On startup of the Océ 9600 Copier, the 'Custom' section is displayed. This contains a number of default values that have been defined by the key operator. If you want to make other settings, which are not available from the 'Custom' section, you take the following steps:

- ▼ **Make settings on the Océ 9600 Copier operating panel**
- 1 Press one of the Section buttons to activate the desired menu.
Note: *The active menu is moved slightly downward to visually separate it from the other menus. Apart from that, a shadow highlighting effect is used for extra highlighting.*
- 2 Press the Card selection button to select the appropriate card. You can switch cards (from bottom to top) by pressing the button again.
Note: *The active card is likewise visually separated from the other cards and given a shadow highlighting effect for extra highlighting.*
- 3 Select the desired function values in one of the following ways:
 - Simple (non-numeric) selection: press the Function button to activate the desired (non-numeric) value. The selected value is preceded by a '●' symbol. The 'Background compensation' setting demonstrated in figure 13 on page 43 is an example of this.
 - Long list selection: if you want to select a value from a list of options that cannot be fully displayed on the panel, activate the selection triangles next to the specified option (the dotted line around this selection is changed into an solid line and the selection triangles are no longer dimmed, indicating that there are additional options available. Select one of the non-displayed values

with the Arrow buttons.) The 'Original type' setting demonstrated in figure 13 on page 43 is an example of this.

- **Numeric selection:** activate the selection triangles and select the desired value with the Arrow buttons or with the numeric buttons. The 'Brightness' setting demonstrated in figure 13 on page 43 is an example of this.

Also a combination of simple selection and numeric selection is possible, as shown in the 'Cut length' setting demonstrated in figure 14 on page 44.

Note: *The Up arrow and Down arrow buttons can be used to increase or decrease the active value by 1; the Left arrow and Right arrow buttons increase or decrease the active value by 10. An exception to this rule is the selection of zoom values. The Left arrow button can be used to browse through the predefined reduction steps and the Right arrow button to browse through the predefined enlargement steps.*

Perform basic copy jobs

On the Océ 9600 Copier you can perform a number of basic tasks. These include:

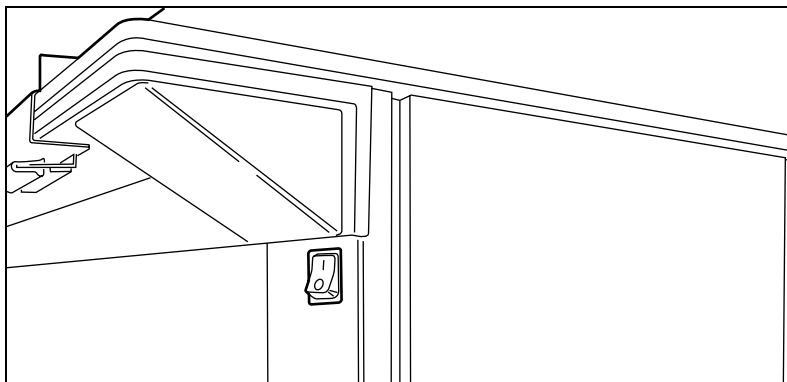
- Starting up and shutting down the scanner
- Making copies
- Selecting the required media
- Selecting the input mode
- Specifying the zoom factor
- Select the brightness
- Delivering originals after scanning
- Defining settings for the next original
- Defining delivery of copies
- Stopping a copy job

Starting up and shutting down the scanner

The Océ 9600 Copier can be started up and shut down with the on/off switch, which is located on the scanner underneath the original feed table (see figure 15).

The on/off switch has two settings:

- on: the scanner is switched on
- off: the scanner is switched off.



[15] On/off switch



Start up

- 1 Push the switch to the 'on' position.

The system is immediately available for work. The message 'Ready to copy' appears.

Note: *Make certain the printer and controller are started as well.*



Shut down

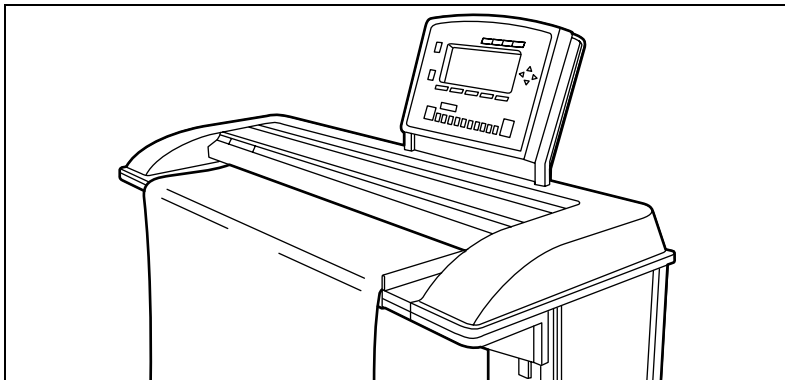
- 1 Push the switch to the 'off' position.

Note: *The scanner can be turned off while the printer is still working.*

Make copies

- 1 Place your original face-down, aligned to the right along the original guide. Keep the legend at your right-hand side.

Note: *When feeding the original, keep it in place until it is transported (about 1 cm) into the machine.*



[16] Inserting the original

Note: *Inserting the original*

- 2 Specify the number of copies using the numeric buttons.
- 3 Specify the desired copy material on the operating panel.
If you select 'Automatic' the Océ 9600 Copier will try to use a roll format that matches the specified size.

Note: *After inserting the original, the roll or cassette tray that is used is indicated by the '○' symbol.*

Use the 'Media' function to select copy material and format.

- 4 Specify how a job will be sorted: 'Single sheet', 'Multiple sheets' (output: 1-1, 2-2, 3-3) or 'Set' (output: 1-2-3, 1-2-3).


The currently selected input mode is indicated by the '●' symbol.

- 5 Specify a reduction or enlargement factor on the operating panel by using the 'Zoom' function.

If you select 'Automatic', the Océ 9600 Copier will use a zoom factor that is needed to obtain a copy without loss of information. After inserting the original, the zoom factor that is used is indicated by the '○' symbol.

- 6 Specify the desired brightness on the operating panel.
You can use the 'Brightness' setting to correct for a lighter or darker original.
- 7 Specify folding options on the operating panel.

If the optional folder is installed, you can use the 'Folding' settings to get a neatly folded copy.

- 8 Press the green start button  to start the copy job.
Your original will be fed into the scanner. The printer starts.
- 9 Collect your output.
Your copy will be delivered on the selected output unit of the print engine.

Selecting the required media

The 'Media' setting can be used to select copy material and format. The display will show you what rolls or cassette trays are currently loaded. The currently selected roll or cassette tray is indicated by the '●' symbol.

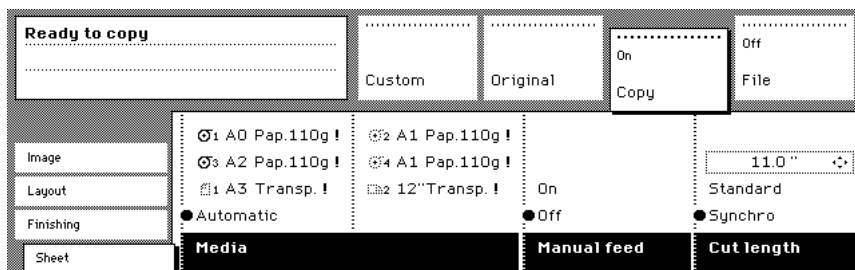
If you select 'Automatic', the Océ 9600 Copier will try to use a roll or cassette tray format that matches the original size. After inserting the original, the roll or cassette tray that is used is indicated by the '○' symbol.

Note: The '○' symbol remains in place until a new original is inserted. Then it may move to indicate another roll or cassette tray, depending on the original format.



Selecting the required media

- 1 Select the 'Sheet' card in the 'Copy' section.
- 2 Select the desired media with the 'Media' function button.

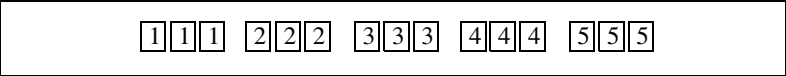


[17] Selecting the required media

Note: You can also select the desired media from the 'Custom' section, if this setting has been defined for this (see figure 12 on page 40).

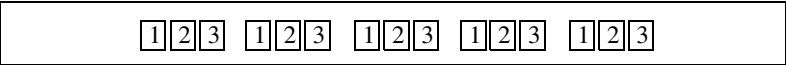
Selecting the input mode

You can use the ‘Input mode’ setting to specify how a job will be sorted: the ‘Single sheet’ option treats each sheet as a separate job. ‘Multiple sheets’ produces the specified number of copies for each sheet in a job and then continues with the next sheet. Graphically that would look something like this:



Note: An important characteristic of ‘Multiple sheets’ is that, if this setting is selected, the active job is kept together and treated as a whole. In this case, the job cannot be interrupted by a high-priority copy job, and there will be no risk of getting mixed output.

‘Set’ produces one copy for each sheet in a set and then continues with the next copy of the entire set, as follows:

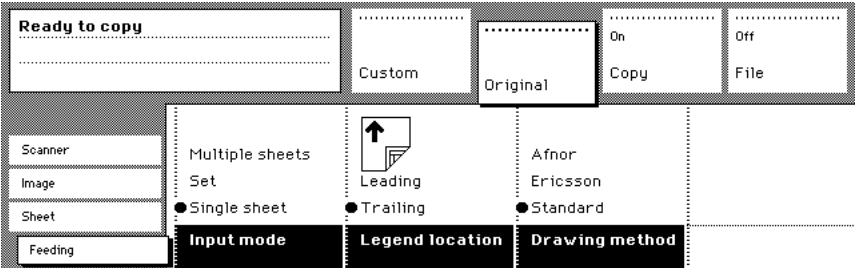


The current input mode can be closed by pressing the Stop button.

The currently selected input mode is indicated by the ‘●’ symbol.

▼ Selecting the input mode

- 1 Select the ‘Feeding’ card in the ‘Original’ section.
- 2 Select the desired media with the ‘Input mode’ function button.



[18] Selecting the input mode

Note: You can also select the input mode from the ‘Custom’ section (if this setting has been defined for this).

Specifying the zoom factor

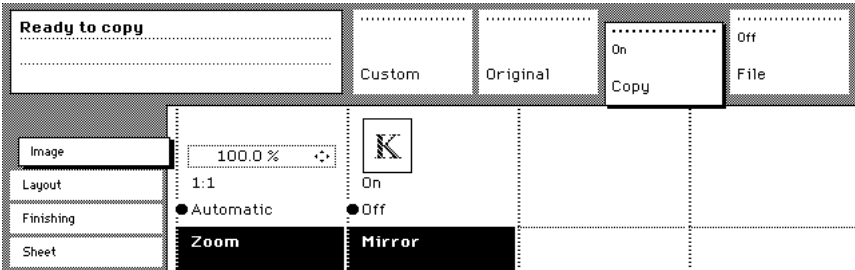
You can use the ‘Zoom’ setting to select a zoom factor. If you select ‘Automatic’ with the ‘●’ symbol, the Océ 9600 Copier will use a zoom factor that is needed to obtain a copy without loss of information. This will be done according to the selected media roll or cassette tray. After inserting the original, the zoom factor that is used is indicated by the ‘○’ symbol.

If you select the numeric zoom factor with the ‘●’ symbol, you can define a zoom factor yourself between 25% and 400%. After selecting the numeric zoom factor, the four little triangles will appear to the right. Now you can define a new zoom factor in two different ways:

- By using the Arrow buttons on the right of the display (see figure 12 on page 40). If you press one of the vertical buttons, the zoom factor will increase or decrease with steps of 0.1%. If you press one of the horizontal buttons, the zoom factor will increase or decrease with the steps predefined in the Settings Editor by the key operator.
- By using the numeric buttons at the bottom of the operating panel. You can specify the exact zoom factor in increments of 0.1%.
For example, if you want to specify a zoom factor of 25.4%, you type 254. If you want to specify a zoom factor of 254%, you type 2540.

▼ Selecting the zoom factor

- 1 Select the ‘Image’ card in the ‘Copy’ section.
- 2 Select the desired media with the ‘Zoom’ function button.



[19] Selecting the zoom factor

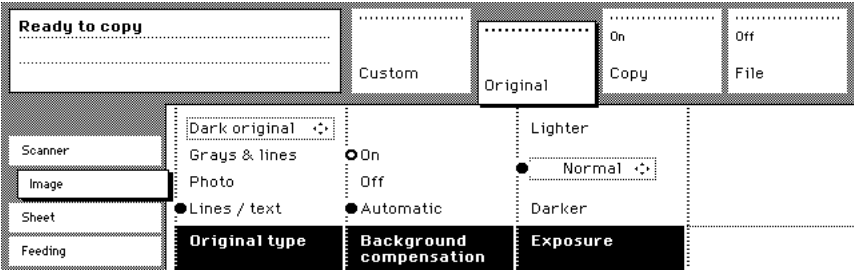
Note: You can also select the zoom factor from the ‘Custom’ section (if this setting has been defined for this).

Select the exposure

You can use the ‘Exposure’ setting to correct for a lighter or darker original.

▼ **Selecting the exposure setting**

- 1 Select the ‘Image’ card in the ‘Original’ section.
- 2 Select the desired exposure level by using the Arrow buttons to the right of the display (see figure 12 on page 40).



[20] Selecting the exposure level

Note: You can also select the exposure level from the ‘Custom’ section (if this setting has been defined for this).

Delivering originals after scanning

You can choose for delivery of the original at the front (rewind) or the rear side of the scanner.

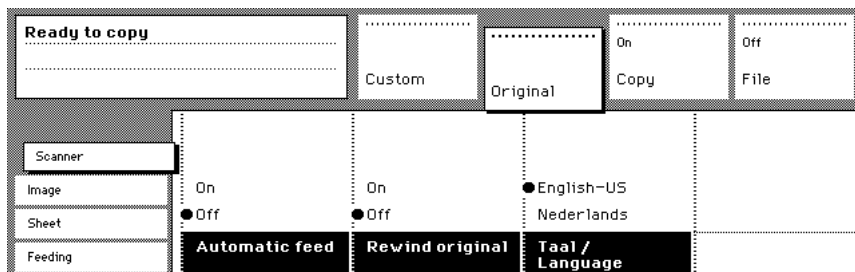
Attention: The ‘Rewind’ function is disabled if the optional copy delivery tray is installed.

Note: If you are copying thick or very thin originals, originals that are damaged or originals in a carrier sheet, it is recommended to use the output at the rear side of the scanner to ensure correct delivery (‘Rewind’ function off).



Select original delivery

- 1 Open the 'Scanner' card in the 'Original' section.
- 2 Press the 'Rewind original' function button to make your selection:
 - 'On': Originals are delivered at the front side of the scanner. You have to collect each original by hand.
 - 'Off': Originals are delivered at the rear side of the scanner.



[21] Using the Rewind original function to select original delivery at the front or the rear

Defining settings for the next original

You can define the settings for each original you want to copy. When 'Automatic feed' is enabled, you should bear in mind that the original is automatically pulled into the scanner. If you want to be absolutely sure about the settings that belong to an original, insert an original when the settings are correct.

Note: To increase your versatility at the scanner input side, you can ask your key operator to turn off Automatic feed. When using the scanner with automatic feed off, you must press the start button for each new original to be scanned. This allows you the possibility of changing the settings for the next original, even if you already put the original in place on the scanner feed table.



Define settings for the next copy job

- 1 Select all settings required for the next original.
- 2 Insert the next original.

If 'Automatic feed' is off, press the start button.

If 'Automatic feed' is on, the original is fed automatically.

Note: You can enable or disable this function from the 'Scanner' card in the 'Original' section. See figure 21 on page 53.

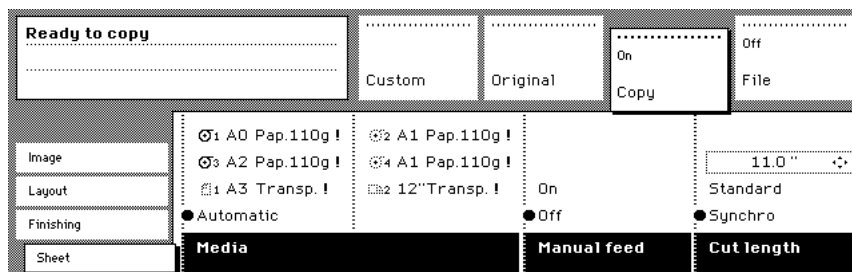
Using the manual feeder for copying

If you want to copy a job on a media type and/or size that is not available on one of the paper rolls or cassette trays, it is more convenient to manually feed sheets instead of switching paper rolls or cassette trays. The sheet feed is a special slot just above the roll drawers on the engine. You can insert pre-cut copy material in this slot, one sheet at a time.

Note: Only use media as specified in “ on page 287.

▼ Copying on pre-cut sheets

- 1 Open the ‘Sheet’ card in the ‘Copy’ section.
- 2 Press the ‘Manual feed’ button. The display will look as follows:



[22] Using the manual feed option

- 3 Select any other required settings.
- 4 Enter the number of copies using the numeric buttons.
- 5 Feed in the original.
- 6 Press the start button.
- 7 Take your sheet of copy material to the side of the printer engine that contains the sheet feed.
- 8 Use both hands to align the copy material in accordance with the format indication and the sticker on the manual feed table.
- 9 Move the copy material forward onto the tip of the roller. This should cause an ample paper bulge over the full width of the page.
- 10 Hold the paper with both hands until the engine pulls in the first part of the sheet.
The bulge will be reduced or disappear. A few seconds later, the complete sheet will be pulled into the printer.
- Note:** If the copy job requires more sheets, the display will ask you to feed in the next sheet.
- 11 Repeat steps 7 to 11 to complete the job.
- 12 Collect your output.

Note: The image will be printed on the side of the sheet which is facing up.

Defining delivery of copies

Normally, your copies are delivered on the integrated receiving tray on top of the Océ 9600 Printer. However, you can specify settings for the delivery of your copies on the optional copy delivery tray or on a folder. If you want to use your copy delivery tray, take the following steps.

▼ Deliver copies on the copy delivery tray

- 1 Open the 'Finishing' card in the 'Copy' section.
- 2 Use the 'Copy delivery' function button to select the 'Copy deliv. tray' option.

The screenshot shows the printer's control panel interface. At the top, there's a 'Ready to copy' status bar. Below it, there are several function buttons: 'Custom', 'Original', 'Copy', and 'File'. The 'Copy' button is highlighted. To the left of these buttons is a vertical menu with 'Image', 'Layout', 'Finishing', and 'Sheet'. The 'Finishing' option is selected. Below the 'Finishing' menu, there are settings for 'First fold only' (set to 'Off'), 'Belt' (set to 'Stacker'), 'Length' (set to '11.7"'), 'Width' (set to '8.3"'), and 'Reinforce' (set to 'Off'). At the bottom, there are four large buttons: 'Folding', 'Folded copy delivery', 'Folded package', and 'Binding'. The 'Folded copy delivery' button is highlighted.

[23] Delivering copies on the copy delivery tray

Stopping a copy job

Pressing the Stop button interrupts the original transport.

▼ Stop a job

- 1 Press the Stop button.
The original transport is now stopped and you are prompted the open the scanner cover in order to remove the original.
- 2 Open the cover, remove the original and close the cover again
You are now ready to start the next copy job.

Chapter 4

Performing special copy jobs

In this chapter, special copy functions are described in greater detail.



Non-standard size originals

The scanner of the Océ 9600 system automatically detects the width of the inserted original. For Example: with European sizes, it detects whether the width is A0, A1, A2, A3, A4, 500 mm, or 700 mm. The Océ 9600 system uses a memory table that contains all standard width - standard length combinations to predict the length of the original. The scanner also measures the real length of each original while it is transferred through the scanner.

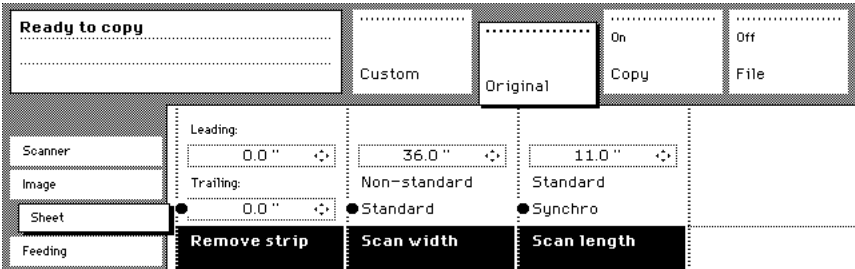
Note: *If you are copying thick, thin or damaged originals or originals in a carrier sheet, we recommend that you use the output at the rear side of the scanner to ensure correct delivery (see ‘Delivering originals after scanning’ on page 52).*

The scan width

To prevent information loss when copying a non-standard original, you can select the ‘non-standard’ scan width. The scanned width will then be larger than the original width. It is also possible to define the scanned width and length yourself.

▼ **Defining the scan width**

- 1 Open the ‘Sheet’ card in the ‘Original’ section.
- 2 Press ‘Scan width’ to select the required setting:
 - Standard. This option must be used to copy a standard-sized original.
 - Non-standard. This option can be used to copy a non-standard original. The scanned width will be larger than the original width (to the next larger, standard size), to prevent information loss.
 - Numeric. You can define the scan width yourself, using the higher/lower buttons or the numeric buttons.



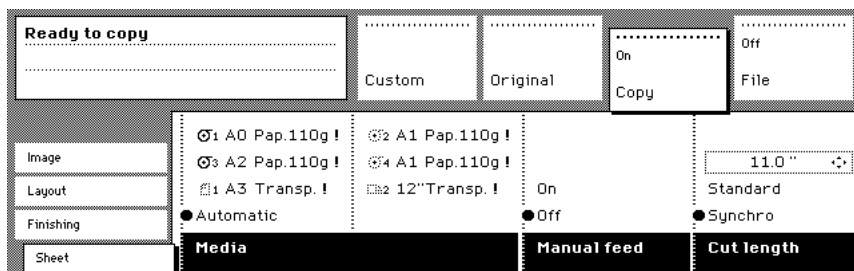
[24] Selecting ‘Non-standard’ scan size

The copy size

The copy width depends on the selected roll or cassette tray or the custom defined scan width, whereas the copy length depends on the selected cut option.

▼ Copying non-standard size originals

- 1 Press the 'Media' button in the 'Sheet' card of the 'Copy' section to select 'Automatic', or to select the roll or cassette tray with the correct width.



[25] Selecting roll or cassette tray in the 'Custom' section

Note: The media can also be selected directly from the 'Custom' section.

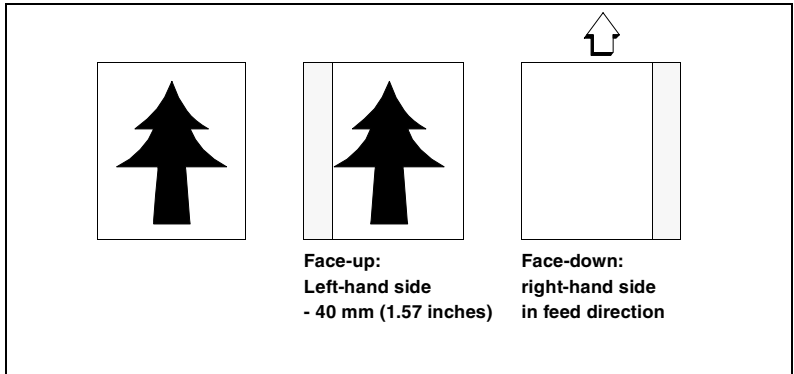
Note: When 'Automatic' is selected, the roll or cassette tray that is used is indicated by the 'O' symbol.

- 2 Press the 'Cut length' function button to select the required cut option:
 - Standard, which cuts copies at a standard length.
 - Synchro, which cuts copies at the end of the image. The system cuts at the measured length of the original times the zoom factor.
 - Custom (numeric), which cuts copies on a specified length. You can define the copy length yourself, using the arrow buttons or the numeric buttons.
- 3 Make other settings as required.
- 4 Feed the original.

Refer to table 'Standard folding settings' on page 269 for more information about folding copies of non-standard sized originals.

Scanning originals with filing strip

You can adjust the original guide of the scanner to remove a filing strip along the left-hand side (right-hand side in the feed direction, face-down). This side can be reduced by up to 60 mm (2.36 inches) (see figure 26).

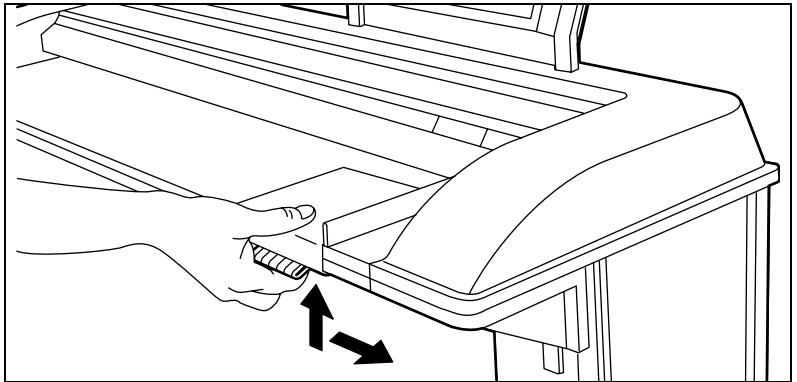


[26] Example of adjusting the left-hand side of an original



Copying with removed filing strip along the left-hand side

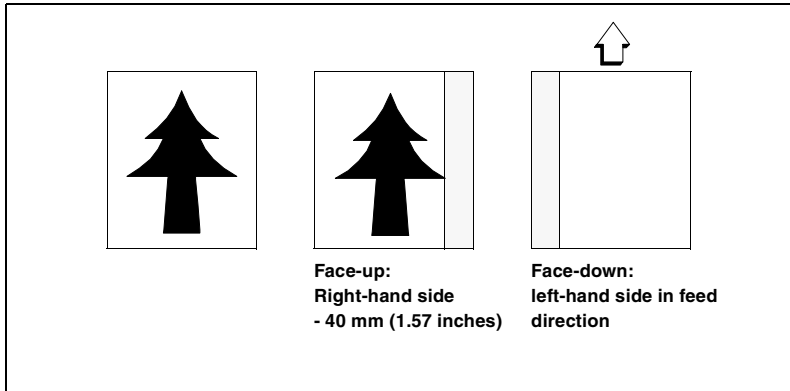
- 1 Press the catch underneath the original guide, and move it to the right.



[27] Adjusting the original guide to add or remove a filing strip along the left-hand side

- 2 Make all required settings.
- 3 Insert the original face-down, aligned to the right, with the original guide on the original feed table.

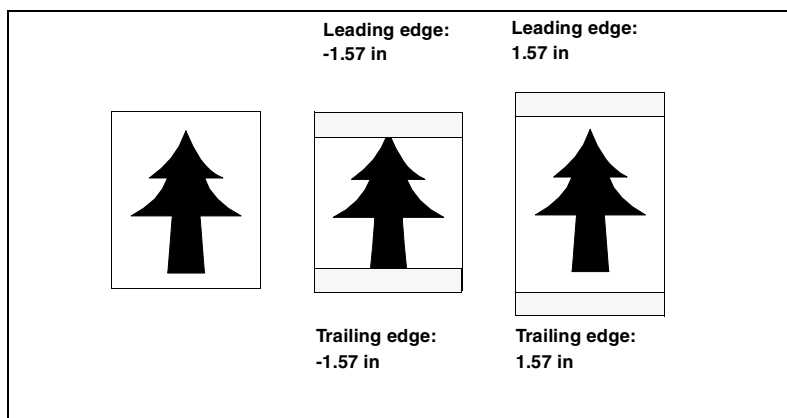
You can also remove the filing strip along the right-hand side (left-hand side in the feed direction, face-down) by selecting a specific roll or cassette tray. If the paper width of the original is greater than the paper width of the selected roll or cassette tray, the remaining paper part on the right-hand side will not be scanned (see figure 28).



[28] Example of removing the right-hand side of an original

- ▼ **Scan with removed filing strip along the right-hand side**
- 1 Select the required media in the 'Custom' section on the operating panel.
 - 2 Select the 100% value for the 'Zoom' function.
 - 3 Make other settings as required.
 - 4 Feed the original.

It is also possible to adjust the length of both the leading and trailing edge to eliminate or add a filing strip. Leading and trailing edges can be extended up to 400 mm (15.7 inches) or shortened up to 100 mm (3.9 inches) (see figure 29).

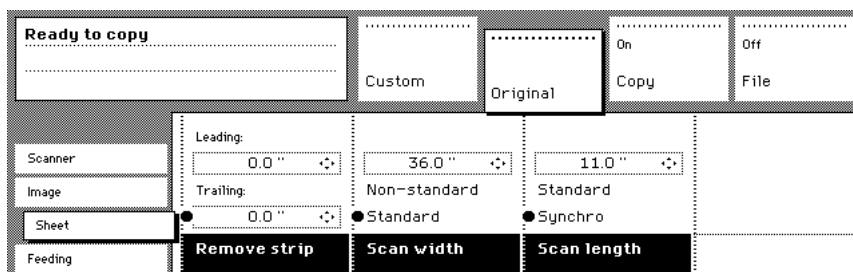


[29] Example of adjusting the leading/trailing edge of an original



Copy with removed filing strips along the leading and trailing edge

- 1 Open the 'Sheet' card in the 'Original' section.
- 2 Press the 'Remove strip' function button.



[30] Removing strip

- 3 Adjust the values for the trailing edge using the numeric or arrow buttons.
- 4 Press the 'Remove strip' function button again.
- 5 Adjust the values for the leading edge using the numeric or arrow buttons.
- 6 Make other settings as required.
- 7 Feed the original.



Copy with added filing strips along the leading and trailing edge

- 1 Open the 'Layout' card in the 'Copy' section.
- 2 Press the 'Add strip' function button.

The screenshot shows the control panel interface. At the top, there's a 'Ready to copy' status bar. Below it, the 'Copy' section is active, showing 'Custom' and 'Original' options. The 'Layout' card is selected, displaying settings for 'Image', 'Layout', 'Finishing', and 'Sheet'. The 'Layout' card shows 'Vertical' and 'Horizontal' settings for 'Top' and 'Left' edges, with values of 0.0 inches. The 'Add strip' button is highlighted in the bottom right corner of the layout settings area.

[31] Adding strip

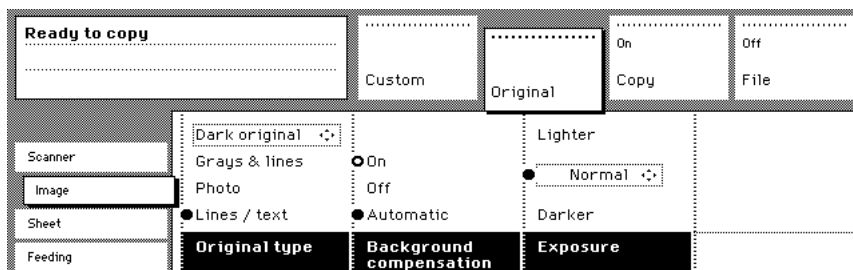
- 3 Adjust the values for the trailing edge using the numeric or arrow buttons.
- 4 Press the 'Add strip' function button again.
- 5 Adjust the values for the leading edge using the numeric or arrow buttons.
- 6 Make other settings as required.
- 7 Feed the original.

Improving the image quality

You can improve the image quality by modifying the exposure setting, or making use of special functions. You will learn how to turn on and off automatic background compensation, how to use the lighter and darker buttons to achieve the best possible copy quality, or how to adjust the brightness based on the type of image you want to copy.

Brightness

The automatic background compensation will provide a good quality copy from a large variety of originals. The automatic background compensation setting, which is activated (by default), ensures the production of background-free copies of most line drawings.



[32] Brightness settings



Set the automatic background compensation

- 1 Open the 'Image' card in the 'Original' section.
- 2 Press the 'Background compensation' function button if this function is disabled.

When copying extremely light or dark originals, or originals with unequal background intensity, the result may not meet your requirements (e.g. too much background). In such cases, you can manually adjust the brightness (see figure 32).

▼ Manually adjust the exposure setting

- 1 Press the 'Exposure' function button and use the arrow buttons to set the exposure as desired.

Note: *The Up and Down arrow buttons can be used to gradually increase or decrease the exposure setting; the Left or Right arrow buttons can be used to go to the highest or lowest available exposure level at once. If you want to go from any negative value to the highest possible positive value or vice versa, you have to press the corresponding Left or Right button twice.*

- 2 Specify other settings as required.
- 3 Feed in the original.

The Océ 9600 Copier allows you to adjust the exposure setting according to the type of image on the original. There are five original types available. Select a suitable mode according to the original (see figure 32 on page 65).

▼ Adjust the brightness according the type of image

- 1 Press the 'Original type' function button to select the appropriate image type:
 - By default 'Lines/text' is selected with 'Background compensation' enabled. This is the most suitable setting for originals that contain characters and line art.

- Press the 'Original type' function button to select 'Photo' when the original consists of a combination of characters, line art and picture images.

Note: *If you select 'Photo' or 'Grays&lines', the 'Background compensation' will be disabled automatically by default.*

- Press the 'Original type' function button to select 'Grays&lines' when the original contains many gray scales and lines.
- Press the 'Original type' function button to select 'Blue print' when you want to copy an original with an image in 'negative' (image in white on dark background). The copy will be 'positive' (image in black on white background).
- Press the 'Original type' function button to select 'Dark orig' when the original has an extremely dark background (i.e. low contrast).

- 2 Specify other settings as required.
- 3 Feed in the original.

Editing functions

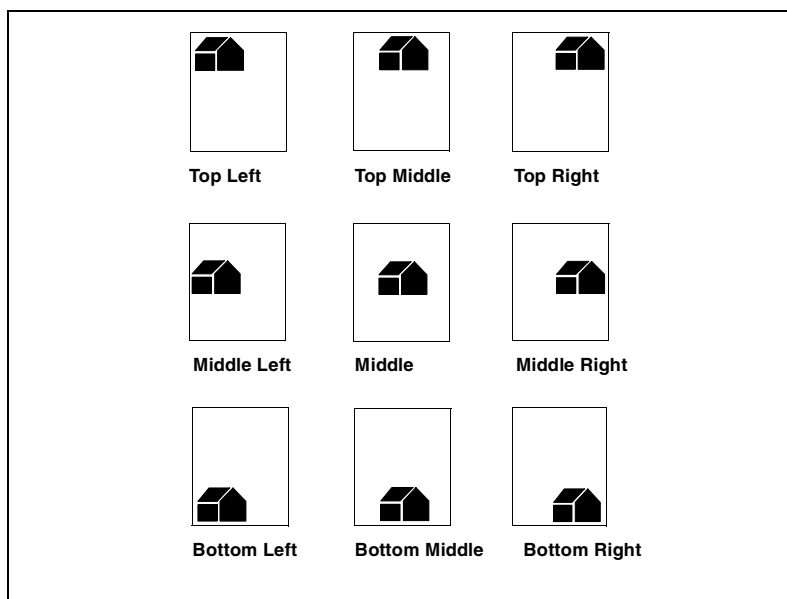
The Océ 9600 Copier is equipped with a number of editing functions. These functions can be set before scanning the original.

Note: *You can select only one edit function at a time.*

Auto shift

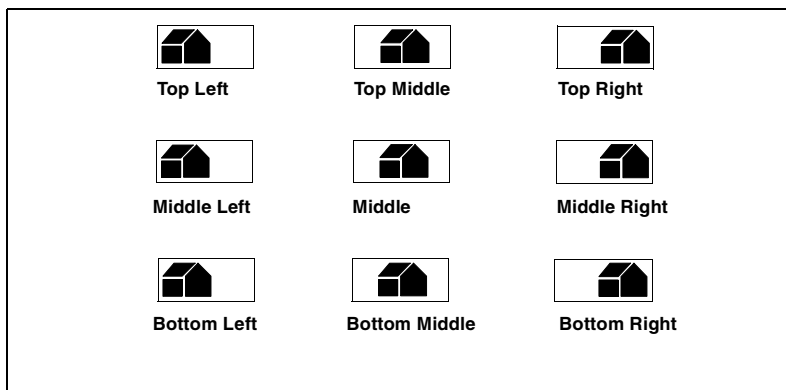
By selecting the automatic shift function you can move your image to one side of the page.

Auto shift supports these shift options:



[33] Auto shift options with standard cut option active

Note: You must turn on standard cut length to get copies like the one in the illustration 33 above. If synchro cut length has been turned on, the result will be as follows:



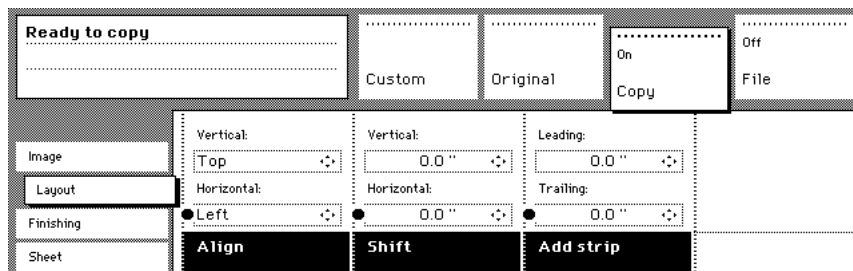
[34] Auto shift options with synchro cut option active

In 'Shift the image' on page 69 you can read how to define the exact place of your image on the page.



Select default settings for auto shifting

- 1 Open the 'Layout' card in the 'Copy' section.

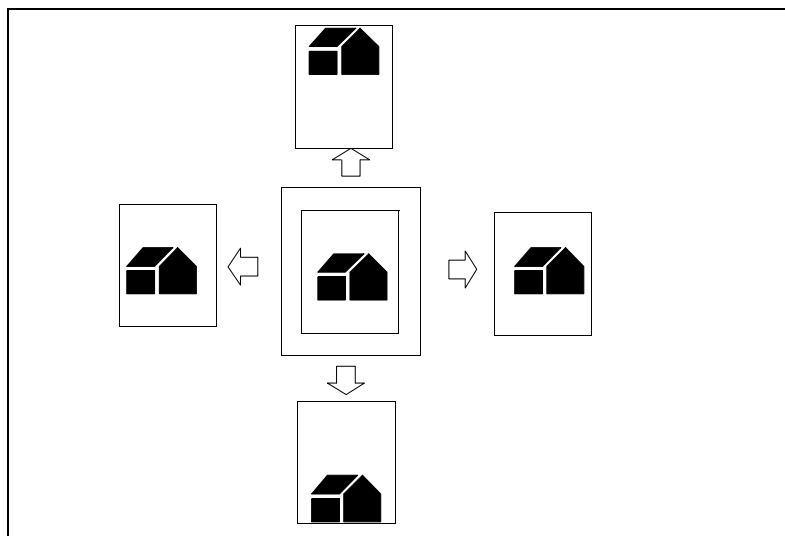


[35] Automatic shift with the 'Align' function

- 2 Press the 'Align' function button and select a horizontal alignment value (Left, Middle or Right) with the arrow buttons.
- 3 Press the 'Align' function button again and select a vertical alignment value (Top, Middle, or Bottom) with the arrow buttons.
Note: If you select 'Center', make sure the original width is specified as follows (see 'The scan width' on page 59):
 - 'Standard' if a standard sized original is used
 - The exact original width (numeric) if a non standard sized original is used.
- 4 Feed your original.

Shift the image

In some cases the margin may be too narrow to accommodate filing strips without loss of information. To avoid this, you can shift the image in horizontal and/or vertical direction, as shown below.



[36] Example of shifting the image

Shift the image

- 1 Open the 'Layout' card in the 'Copy' section.

The screenshot shows the Océ 9600 Copier/Printer control panel. At the top, there's a 'Ready to copy' status bar. Below it, there are buttons for 'Custom', 'Original', and 'Copy'. The 'Copy' button has 'On' and 'Off' options. The 'Layout' card is selected, showing a sidebar with 'Image', 'Layout', 'Finishing', and 'Sheet' options. The main area displays settings for 'Vertical' (Top), 'Horizontal' (Left), 'Leading' (0.0''), and 'Trailing' (0.0''). Below these are three buttons: 'Align', 'Shift', and 'Add strip'.

[37] Image shift

- 2 Press the 'Shift' function button and select a horizontal shift value by pressing the numeric or arrow buttons until the required distance is set to shift the image to the left or to the right.

Note: When you shift the image horizontally, you can only shift to the left or to the right.

- 3 Press the 'Shift' function button again and select a vertical shift value by pressing the numeric or arrow buttons until the required distance is set to shift the image upwards or downwards.

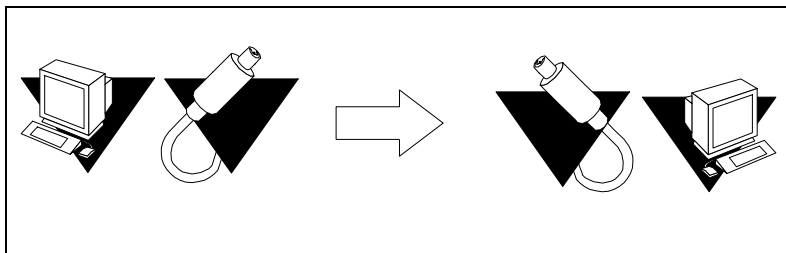
Note: When you shift the image vertically, you can only shift up or down.

- 4 Specify other settings as required.
- 5 Feed in the original.

Note: You can use horizontal and vertical shift simultaneously.

Mirror-image copies

With the Océ 9600 Copier you can make a mirror-image copy of an original, as shown in the next figure:

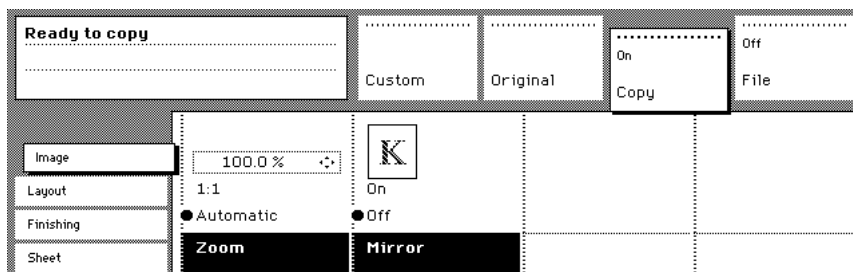


[38] Example of a mirror-image copy



Make mirror-image copy

- 1 Open the 'Image' card in the 'Copy' section.



[39] Mirror-image

- 2 Press the 'Mirror' function button to enable the 'Mirror' function.
- 3 Specify other settings as required and feed in the original.

Chapter 5

Managing print and copy jobs

This chapter describes how to view the Océ 9600 print/copy queue and how to abort the active print, how to delete and put on hold print and copy jobs in the queue and how to restart jobs that are put on hold.



Introduction



The Océ 9600 Queue Manager application provides you with a graphical representation of the print queue. It allows you to view the print queue and the status of the print jobs as well as to manage the jobs in the queue. With the Océ 9600 Queue Manager you can:

- Abort the job currently being printed
- Delete job(s) in the queue
- Put job(s) in the queue on hold
- Restart job(s) that were previously put on hold in the queue

Structure

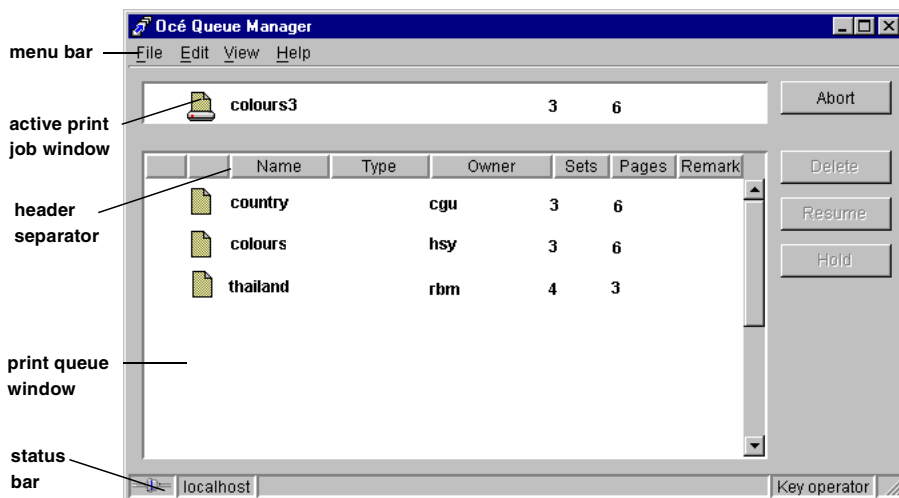
The Océ 9600 Queue Manager window is divided into the following parts (see figure 40 on page 75):

- The standard menu bar.
The menu bar for the Queue Manager contains the following menus:
 - File options: Login, Logout, Connect to, Exit
 - Edit options: defining first and second language and setting default printer (only remote). The 'Auto login' option allows you to start the Queue Manager application automatically in the specified user mode.
 - View options: selecting first and second language
 - Help options: About Queue Manager, Contents of Queue Manager,
- The active print job window.
This window displays the job currently being printed on the Océ 9600.
- The print queue window.
This window has a tabular format and shows the jobs waiting to be printed.
The jobs are displayed in the order in which they are expected to be printed.
Note: *Copy jobs are automatically moved up in the queue, because they take preference over print jobs.*
- Status bar
The Queue Manager has a status bar displaying the following information:
 - System status (connected, not connected)
 - Server (system that contains the controller)
 - User mode

The following information is displayed for each job:

- The current status of the job in the form of an icon. See 'Icons' on page 77.
- The name of the print job.
- The type of job (print job / copy job)
- The name of the user who has submitted the print job.
- The number of sets and pages.
- Any remarks (e.g. 'Manual Feed').

You can resize the columns in the main queue window by dragging the table header separators. It is also possible to change the order of the columns by dragging a specific column to a new position.



[40] Queue Manager window

Modes The Océ 9600 Queue Manager has four modes:

- Anonymous user mode
- Repro operator mode
- Key operator mode
- System administrator mode

These different modes are designed to limit access to specific functions to authorized users only.

The anonymous user mode only offers view access to the queue. In this mode, the available buttons are disabled, except for the *Abort* button on the local Océ 9600 system.

The repro operator, the key operator and the system administrator modes allow you to perform a number of activities on the jobs in the queue, with the help of the Abort, Delete, Resume and Hold buttons.

Note: *In the Queue Manager and the System Control Panel, the repro operator, the key operator and the system administrator have the same user rights. In the Settings Editor, however, the user modes offer different rights.*

Access The access to the key operator, repro operator and system administrator modes is password protected to allow only authorized personnel to use particular functions. You can enter these modes by selecting the Login option from the File menu and by specifying the correct password when prompted for it (see 'Log in' on page 122).

You can exit the Queue Manager altogether by selecting the *Exit* option from the *File* menu.

Note: *The Exit option is only available when you are working remotely (see chapter 8, 'Remote Logic' on page 113). In local mode you cannot stop the Queue Manager.*

Job priority The priority of print jobs in the Queue Manager is determined by the order in which they are submitted to the Océ 9600. However, there is a setting in the Settings Editor which allows you to give copy jobs priority over print jobs. See 'Copy priorities' on page 179 for more information.

Icons

The Océ 9600 Queue Manager uses a number of icons to display information about a job in the queue. The following icons are used:



The job is in the spool and is currently being transferred to the print queue.



The job is currently being processed for printing in the print queue.



The job is ready for printing in the print queue.



The job is being received and printed at the same time.



The job is being processed and printed at the same time.



The job is being printed.

Note: *Jobs that are being printed (this is indicated by a printer symbol next to the job in the queue) cannot be put on hold anymore. If you select such a job, the Hold button is disabled.*



Indicates, both in the active print job and in the print queue window, that the job needs special operator attention (e.g. manual feed).



The job is marked for deletion and will be automatically deleted after a few seconds.



The job is put on hold.

The connection to a controller

The Océ 9600 applications are not only available locally or on the controller, but are also delivered as remote or client versions (except for Scan Manager). This means that users can access one or more Océ 9600 systems from their own computer.

Anonymous users can view the status of both their jobs (Queue Manager) and the entire system (System Control Panel). This way they can, for instance, determine which queue is shortest and send their jobs there to avoid lengthy delays.

From a management point of view, the availability of remote versions of the applications is quite useful as well. The remote applications allow key operators and system administrators to manage multiple Océ 9600 systems from a single location. They can centrally monitor the system status and identify potential problems without having to work at the controller itself.

When the Océ 9600 Queue Manager has been installed on a remote client, the Connect to option is available in the File menu.



Connect to a controller

- 1 Click on the Connect to option in the File menu.
A dialogue box will appear containing all the available Océ 9600 systems.
- 2 Select one of the available Océ 9600 systems and click on *OK*.

Note: *If the system you want to connect to is not available in the list, you can click on the Edit... button. A dialogue box will appear which allows you to manually add a Océ 9600 system. For this you need a valid IP address.*

Managing print jobs

The Océ 9600 Queue Manager allows you to perform the following operations:

- View the print queue
- Abort the job currently being printed
- Delete job(s) in the queue
- Put job(s) in the queue on hold
- Restart job(s) that were previously put on hold in the queue



View the print queue

The Océ 9600 Queue Manager displays all jobs sent to the print queue in a list sorted according to the order in which they are expected to be printed. This ordering can be changed by deleting jobs, putting jobs on hold or restarting jobs currently on hold. This list will be automatically updated.

Note: *Queue operations can only be performed when you are properly authorized. Before you can use the Queue Manager in a different mode, you first have to enter a password to get the required access (see ‘User modes’ on page 121).*



Abort the job currently being printed

- 1 Click on the Abort button to the right of the active print job window. The active job will now be aborted.

Note: *To abort the job which is currently being printed on the controller, no password is required. To abort the current job from a remote client, you need repro operator, key operator or system administrator rights.*

Note: *Consider carefully before you use the Abort button. An abort operation cannot be undone.*



Delete print jobs

- 1 Select the desired job(s) by clicking on them.
Note: *You can select a consecutive list of jobs to be deleted by clicking on the first job, holding down the Shift key and clicking on the last job. You can select a non-consecutive list of jobs to be deleted by clicking on each desired job while holding down the Ctrl key.*
Note: *To delete a job from a remote client, you need repro operator, key operator or system administrator rights.*
- 2 Click on the Delete button.
A cross icon is displayed in front of the job and a confirmation window will now be displayed.
Note: *Consider carefully before you use the Delete button. A delete operation cannot be undone.*



Put print jobs on hold

- 1 Select the desired job(s) by clicking on them.
Note: *You can select a consecutive list of jobs to be put on hold by clicking on the first job, holding down the Shift key and clicking on the last job. You can select a non-consecutive list of jobs to be put on hold by clicking on each desired job while holding down the Ctrl key.*
- 2 Click on the Hold button.
An icon for a job that is put on hold (see 'Icons' on page 77) is displayed in front of the job when the job is put on hold.
Note: *A job that is put on hold will retain its position in the print queue. Once it reaches the top of the queue, the job that is put on hold will stay there until it is restarted or deleted. While a job is on hold, other jobs will be printed, even when they were behind the job on hold in the queue. The active job and the jobs in printing state cannot be put on hold by the Queue Manager.*



Restart jobs that are put on hold

- 1 Select the desired job(s) by clicking on them.
Note: *You can select a consecutive list of jobs to be restarted by clicking on the first job, holding down the Shift key and clicking on the last job. You can select a non-consecutive list of jobs to be restarted by clicking on each desired job while holding down the Ctrl key.*
- 2 Click on the Resume button.
The selected job(s) will now be restarted.

Chapter 6

Scan to file

This chapter describes the Océ 9600 scan-to-file function.



Introduction

Scan-to-file is an option which enables you to scan a document to a file for later (re)use. You enable scan-to-file via a password (see ‘Scan-to-file password (single)’ on page 177).

You use scan-to-file in order to:


- print documents at a later time
- archive documents
- email documents
- reuse the information documents contain in another application

A scan-to-file is made at the Océ 9600 scanner. On the scanner operating panel you can, among other things, choose at which resolution you want to scan and where you want to store your file.

The result of the scan-to-file can be stored on the controller (temporary store) or directed forward towards a network destination via Window’s Network Neighborhood.

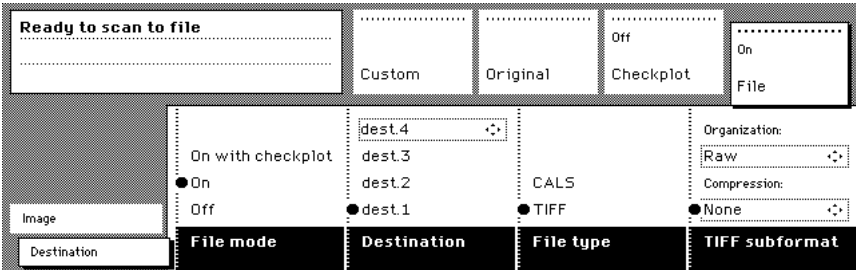
Océ View Station, linked to the Scan Manager application, enables you to automatically or manually view the scanned documents afterwards.

Make a scan-to-file


Scanning an original to file is an easy operation. If the settings (see chapter , ‘Settings for scan-to-file’ on page 85) are correct, the only thing you have to do is press the start button  on the scanner.

▼ **Scan-to-file**

- 1 Place your original face-down, aligned to the right along the original guide.
- 2 Select the appropriate original type.
- 3 Select the ‘Destination’ card in the ‘File’ section.



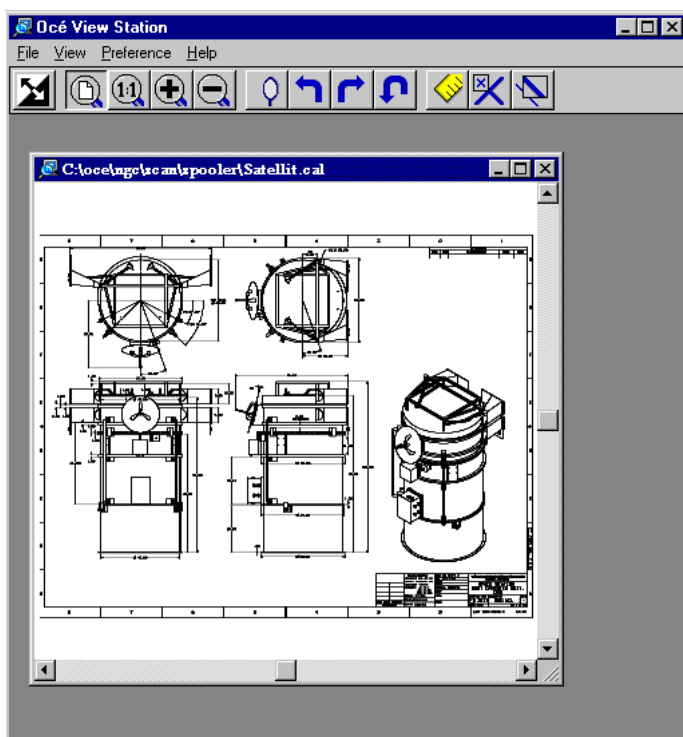
[41] ‘Destination’ card in the file section

- 4 Select ‘File mode’ On.
The status message is displayed: Ready to scan to file.
- 5 Select a Destination (see ‘Destinations’ on page 93).
- 6 Press the start button  .
The original is scanned.
A status message is displayed (see figure 42 on page 84):
“Scanning job “Scan job number X””
“File scan22.tif”

Scanning job "Scan job 25" File: scan022.tif		Custom	Original	Off Checkplot	On File
Image Destination	On with checkplot <input type="radio"/> On <input type="radio"/> Off	dest.4 dest.3 dest.2 <input checked="" type="radio"/> dest.1	CALS <input checked="" type="radio"/> TIFF	Organization: Raw	Compression: <input checked="" type="radio"/> None
	File mode	Destination	File type	TIFF subformat	

[42] Feedback during scan-to-file

- On the controller, Océ View Station starts automatically, showing the result of the scan (see figure 43).



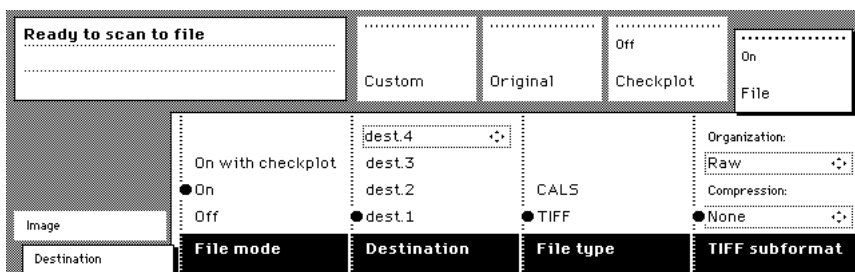
[43] Océ View Station

Settings for scan-to-file

The settings regarding scan-to-file on the scanner operating panel are divided into two cards: Destination and Image.

Destination card:

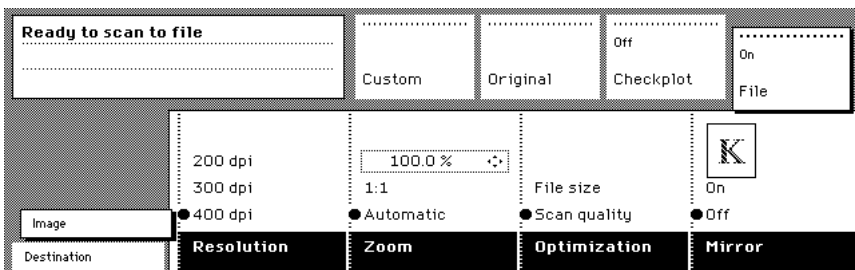
- File mode
- Destination
- File type
- Tiff subformat



[44] Scanner operating panel: Destination card

Image card:

- Resolution
- Zoom
- Optimization
- Mirror



[45] Scanner operating panel: Image card

File mode

File mode can be 'Off', 'On' or 'On with check plot'. 'Off' means normal copy mode. 'On' results in scan-to-file. Choose 'On with check plot' to scan to file with a check plot. A check plot is a print of the scanned original, ensuring consistency with a later re-print.

Note: *The Océ 9600 system does not allow you to change the 'File mode' setting during a set from 'On' to 'Off' or vice versa. However, changing from 'On' to 'On with checkplot' and vice versa is allowed.*

Note: *In scan-to-file mode, the automatic behavior is optimized for scanning. Turning check plot on or off does not influence this automatic behavior*

Destination

You can store your scan either in the temporary store on the controller or on a network destination. You can define up to ten destinations in the Scan Manager application. On the scanner operating panel you can choose one of these destinations.

- ▼ **Select a destination**
- 1 Press the function button to select destination 1 through 4.
 - 2 To select destinations four through ten, you have to begin by selecting destination four. Press the arrow buttons to select destinations 4 through 10.

Note: *You can choose any name for the destinations. However, for your convenience, you are able to define understandable nicknames in the Scan Manager application (see 'Create a destination' on page 93).*

File type

To define the internal organization of the scanned files, choose between TIFF (Tagged Image File Format) and CALS-I (Continuous Acquisition and Life-Cycle support).

TIFF describes image data that typically comes from scanners, frame grabbers, and paint- and photo-retouching programs. The purpose of TIFF is to describe and store raster image data. A primary goal of TIFF is to provide a rich

environment within which applications can exchange image data. This richness is required to take advantage of the varying capabilities of scanners and other imaging devices. For example, TIFF supports image compression with no loss. Though TIFF is a rich format, it can easily be used for simple scanners and applications as well because the number of required fields is small.

CALS is an industry strategy for transition of paper-intensive processes to highly automated, integrated processes for defense system acquisition, design, manufacturing, and life cycle support.

Tiff subformat

Within the 'Tiff subformat' option, you can define the 'Organization' and 'Compression' of the file.

Organization can be (select with the arrow buttons):

- Stripped
- Tiled
- Raw

Note: Only choose 'Stripped' or 'Tiled' when you are sure you can use these organizations afterwards. Choose 'Raw' in any other case.

Compression can be (select with the arrow buttons):

- Group 4
- Group 3-1D
- None

Note: Only choose 'Group 4' or 'Group 3-1D' when you are sure you can use these compressions afterwards. Choose 'None' in any other case.

Note: If you are scanning grayscale or dark originals, use Group 3-1D compression. In these cases, group 4 can increase the file size.

Note: 'Group 4' or 'Group 3-1D' are compression methods which are optimized for text and vector drawings. If you choose these compressions when scanning a photo with many grayscale, these compressions can result in a negative compression: the file size increases instead of decreasing. Use these compressions sparingly.

Resolution

The Océ 9600 scan-to-file option allows you to scan at the following three resolutions:

- 200 dots per inch (dpi)
- 300 dpi
- 400 dpi

The higher the resolution, the better the image quality. Higher resolution also leads to larger file sizes. The default value is 200 dpi.

Zoom

The 'Zoom' option allows you to scale while scanning to a file. When you set 'File mode' to 'On', the automatic 'Zoom' setting will result in '1:1'. You can change this default setting into one of the following three settings:

Custom This option lets you specify a custom zoom value. You can enter a range from 25% to 400%. This value also shows the zoom value when the 'Automatic' option is chosen.

1:1 With this option selected, scan-to-file will result in an image that is exactly the same size as the original. 'Zoom' displays 100%.

Automatic Selecting 'Automatic' always results in a 1:1 scan to file.

Optimization

There are two ways to optimize a scan to file.

Scan quality optimizes for the best image quality. The scan resembles the original as much as possible.

File size optimizes for better compression. Generally resulting in a smaller file size and an image quality comparable to copy quality.

Mirror

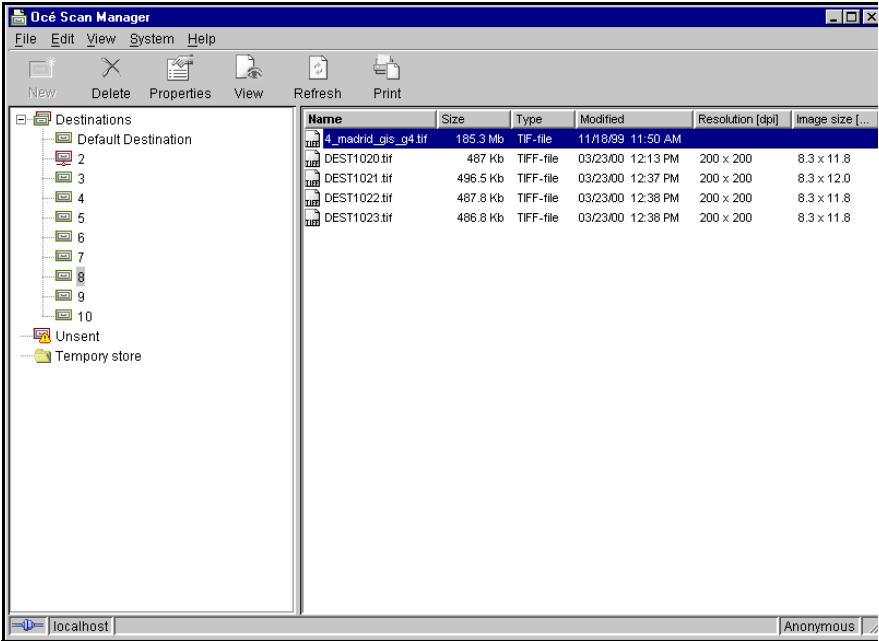
You can use the 'Mirror' option to scan a horizontally mirrored image of an original. Mirroring is performed in the vertical axis.

Scan Manager

The Scan Manager is an application available only locally on the controller. With the Scan Manager you can configure the destinations for scan-to-file. To increase your productivity, you can define automatic file naming. This way, you can do batch scans without operating the controller.

During scan-to-file, Scan Manager displays the filename and the status of the file generation process. When the scan is completed, a view of the scanned image is automatically displayed on the controller.

Figure 46 on page 90 shows the Scan Manager application. It has the looks and functions of a Microsoft Windows 'Explorer'. The left part displays a tree view containing folders which contain destinations. The right part displays a table view containing the content of the folder currently selected. In 46 on page 90 folder 'Next Dest(8)' is selected.



[46] Overview of the Océ 9600 Scan Manager application

Note: *Not all options are available to all users. You must log into a particular user mode to perform specific tasks with Océ 9600 Scan Manager (see ‘User modes’ on page 121).*

Tree view

The tree view displays:

- the system name
- the collapsible destination tree
- the collapsible temporary store tree.

If you scan to a particular destination, that destination is displayed in **bold** as well as the corresponding icon changes. The destination to which you last scanned, is displayed in bold.

If you select a destination in order to view it’s content in the right table viewer, this destination will appear as having been selected. Figure 46 on page 90 shows that the destination ‘Temp10’ is selected.

If for any reason a scan to file cannot be sent to the appropriate remote destination, the file will be stored in the ‘Unsent’ folder.

Table view

The table view (on the right side of figure 46 on page 90) displays the filenames of the files in the opened destination or temporary folder.

Each file has the following information:

- Name
- Size
- Type
- Modified
- Resolution
- Image size.

If the currently viewed destination is the one you are scanning to, then the scanned file will appear at the end of the table. If you currently view another destination than the one you are scanning to, the scanned to destination is displayed in bold.

It is possible that there are more files in the table than fit on the screen. The most recently scanned files appear at the end of the table. Under these circumstances, it is possible that your most recent scanned file is not visible in the on-screen table. In this case, you can update the table view.



Update the table view

- 1 From the 'View' menu select 'Refresh' or click the 'Refresh' button on the toolbar (see figure 47). If the opened destination is also the one which is currently scanned to, the view is automatically updated.



[47] 'Refresh' button on the toolbar

Actions from the Scan Manager

The Océ 9600 Scan Manager enables you to choose settings regarding scan-to-file. You can edit and view the destination properties. You can also view the properties of scanned files.

Destinations

A destination is a place to which you scan your file. You can create, delete and lock destinations. You can also define automatic file naming to ensure your files get the desired names.

A destination can also be a file server or an end user PC. It is better to select remote destinations instead of the local ones. The local destinations are temporary and cannot contain many of scan files.



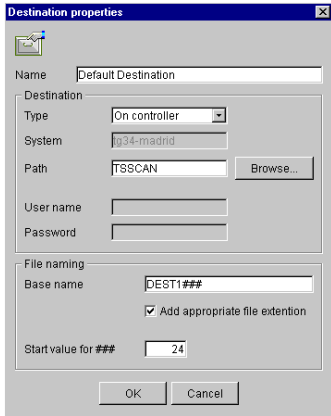
Create a destination

- 1 Select 'Destinations' in the tree view.
- 2 Open the 'File' menu and select 'New' or click on the 'New' button on the toolbar (see figure 48).



[48] 'New' button on the toolbar

The following dialog box appears (see figure 49):



[49] 'Destination properties' window

- 3 Enter a logical name for the destination in the 'Name' text box.
This logical name also appears on the scanner panel (see figure 41 on page 83).
- 4 Choose a destination type from the 'Type' drop-down list box.
You can choose between File Transfer Protocol (FTP), Server Messages Block (SMB) or local storing in the temporary store on the controller.
- 5 Enter the name of the system you want to scan your files to in the 'System' text box.
- 6 Enter a path of the target folder in the 'Path' text box. You can also click the 'Browse' button to select the path.
Note: This is only possible if you choose 'On the controller' as 'Type' (see step 4).
- 7 Enter, if required, a user name for the network destination in the 'User name' textbox.
- 8 Enter, if required, the appropriate password for the network destination in the 'Password' textbox.
- 9 Click Ok to accept the destination properties.

Note: You can create a maximum number of 10 destinations.

A key operator can determine whether a destination can be modified by an anonymous user. This done by locking and unlocking a destination.



Lock a destination

- 1 Select a destination.
- 2 Open the 'File' menu and select 'Properties'.
- 3 Check the 'Locked' check box.

- 4 Click Ok to accept the destination settings.

The destination properties are now locked.

Note: *This option is only available if you are logged on as a Key operator (see chapter, 'User modes' on page 121).*



Unlock a destination

- 1 Select a destination.
- 2 Open the 'File' menu and select 'Properties'.
- 3 Uncheck the 'Locked' check box.
- 4 Click Ok to accept the destination settings.

The destination properties are now unlocked.

Note: *This option is only available if you are logged on as a Key operator (see chapter, 'User modes' on page 121).*



Delete a destination

- 1 Select a destination.
- 2 Open the 'File' menu and select 'Delete' or click the 'Delete' button on the toolbar (see figure 50).



[50] 'Delete' button on the toolbar

The selected destination is deleted.

Note: *This option is only available if you are logged on as a Key operator or as a Repro operator.*

Note: *You are not able to delete the last destination.*



Define file name

- 1 Select a destination.
- 2 Open the 'File' menu and select 'Properties'.
The 'Destination properties' screen appears as in figure 49 on page 94.
- 3 Enter a name in the 'Base name' textbox.
Note: *The 'Base name' may contain '###' for automatic file naming. The '###' will be replaced by an ascending number. You may place an equal amount of dots in the 'Base name'.*
- 4 Check or uncheck the 'Add appropriate file extension' check box to add or respectively leave out an appropriate file extension. The file extension can be set in the Settings Editor (see 'File extension TIFF' on page 155 or 'File extension CALS' on page 155).
- 5 Click Ok to accept the settings.

▼ Set / Change destination properties

- 1 Select a destination.
- 2 Open the 'File' menu and select 'Properties' or click the 'Properties' button on the toolbar (see figure 51).



[51] 'Properties' button on the toolbar

The 'Destination properties' screen appears as in figure 49 on page 94.

- 3 Change the destination properties as described in 'Create a destination' on page 93.

Scanned files

The right-hand pane of the Océ 9600 Scan Manager contains the scanned files and additional information about the files. You can view, print and delete these files. You can also view the file properties.

▼ View a scanned file

- 1 Select a file in the right-hand pane.
- 2 Open the 'File' menu and select 'View' or click the 'View' button on the toolbar (see figure 52).



[52] 'View' button on the toolbar

Océ View Station (see 'Océ View Station' on page 101) starts up and displays the file.

Note: *When you scan to file, the Océ View Station controller starts automatically, showing the result of the scan.*

▼ Print a scanned file

- 1 Select a file in the right-hand pane.
- 2 Open the 'File' menu and select 'Print' or click the 'Print' button on the toolbar (see figure 53).



[53] 'Print' button on the toolbar

The selected file will be printed with the default settings as defined in the Settings Editor (see 'Job-related settings for printing' on page 158).



Delete a scanned file

- 1 Select a file in the right-hand pane.
- 2 Open the 'File' menu and select 'Delete' or click the 'Delete' button on the toolbar (see figure 54).



[54] 'Delete' button on the toolbar.

The selected file will be deleted.

Note: *This option is only available if you are logged on as a Key operator or as a Repro operator.*



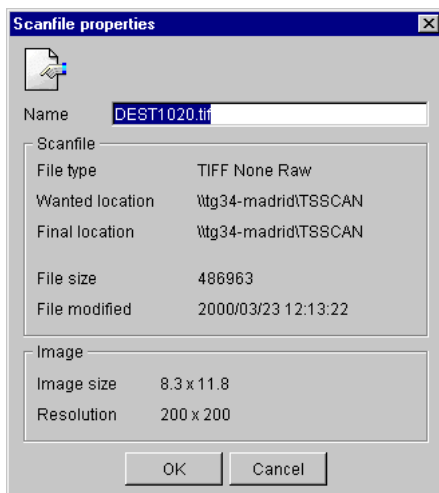
View properties of a scanned file

- 1 Select a file in the right-hand pane.
- 2 Open the 'File' menu and select 'Properties' or click the 'Properties' button on the toolbar (see figure 55).



[55] 'Properties' button on the toolbar.

The following window appears (see “Scanfile properties’ window’ on page 97):



[56] 'Scanfile properties' window

- 3 Click OK to close the 'Scanfile properties' window.

- ▼ **Automatically view a file after scanning**
- You can choose to view a file automatically after scanning:
- 1 Open the 'System' menu and select 'Auto view'.
Whenever you scan to file, Océ View Station will start automatically and show the scanned file.

Manage the temporary store

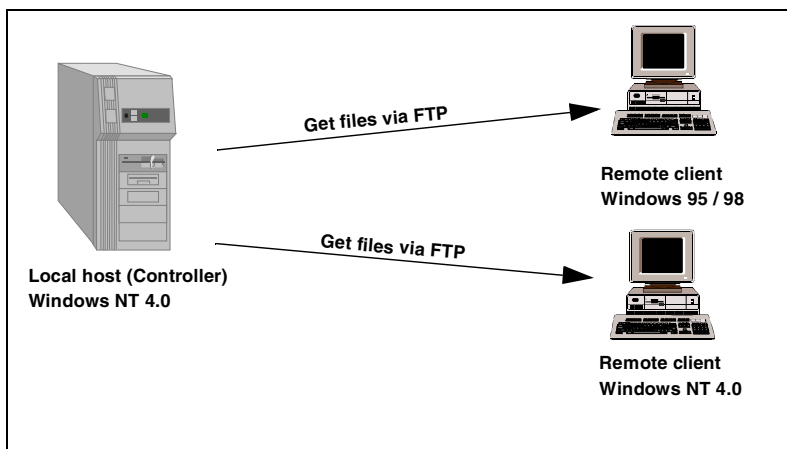
When you regularly scan originals to a file, many files are created in the temporary store. You can clean up the temporary store manually or automatically.

To manually delete the files in the temporary store, select the 'Purge' command from the 'System' menu.

To automatically delete the scanned files from the temporary store, you must choose some settings in the Océ 9600 Settings Editor (see chapter 10, 'Key operator settings' on page 129).

How to retrieve scanned files?

When you scan to file, your files will be stored in the destination you set. This can be on the local controller or on a remote system. You can retrieve your files from the local host via File Transfer Protocol (FTP) (see figure 57). Also, if during scanning to a remote destination something goes wrong, you can retrieve your files from the local host.



[57] How to retrieve scanned files?

Get files via FTP

- 1 Launch an FTP client.
- 2 Enter the 'ftp' command.
A DOS box now appears with the FTP prompt.
- 3 Enter the 'Open' command followed by either the registered name of the Next Generation Controller (NGC) or the IP address (for example: 194.2.66.146) to connect to the NGC and press Enter: 'open 194.2.66.146'.
Note: *Instead of performing steps 2 and 3, you could type "ftp host_name" in the FTP client.*
The connection with the NGC is now established and a window appears asking you for a user name.
- 4 Enter the user name 'anonymous', and enter 'anonymous' as your password also.
A connection is now set up for the 'anonymous' default user.

Note: *Because there is no registered user, you can simply press Enter to initiate the connection.*

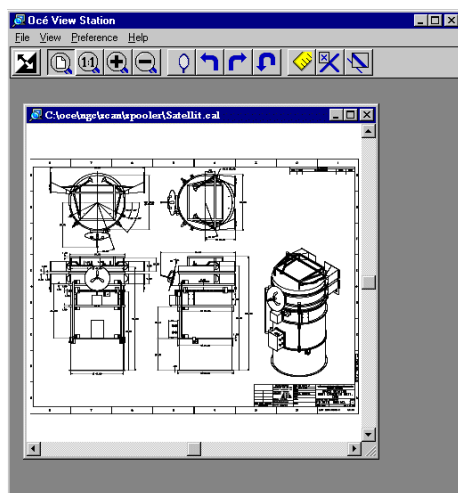
- 5 Set the transmission mode to binary by entering 'binary'.
- 6 Go to the 'tempstore' directory using the following command: 'cd tempstore\'.- 7 Go to the 'scan' directory if you want to retrieve a file from a destination on the local host,
or
go to the 'unsent' directory if you want to retrieve a file from 'unsent' folder on the local host.
- 8 Get the data file (for example: bugatti.tif) via the 'get' command:
'get bugatti.tif'.
- 9 Quit FTP by entering the 'bye' command.

Océ View Station

With Océ View Station you can view your scanned files. This can be done automatically (see ‘Automatically view a file after scanning’ on page 98) after scanning or via the Scan Manager (see ‘Print a scanned file’ on page 96).

Océ View Station has the following menus (see figure 58):

- File
- View
- Preference
- Help



[58] Océ View Station

Menu options

File menu

<i>Command</i>	<i>What does it do?</i>
<i>Close</i>	Closes the active document
<i>Properties</i>	Provides technical information and allows you to change certain properties of the document.

View menu

<i>Command</i>	<i>What does it do?</i>
<i>Fit</i>	Scales the image to fill the window.
<i>1:1</i>	Displays the image at a 1:1 scale factor.
<i>Magnify</i>	Zooms into the page.
<i>Reduce</i>	Zooms out of the page.
<i>Refresh</i>	Redraws all windows displaying the active document.
<i>Invert</i>	Reverses the black and white parts of the image.
<i>Mirror</i>	Mirrors the image.
<i>Rotate 90 CCW</i>	Rotates the image 90 degrees counter-clockwise.
<i>Rotate 90 CW</i>	Rotates the image 90 degrees clockwise.
<i>Rotate 180</i>	Rotates the image 180 degrees.
<i>Sample</i>	When active, displays only a sample of bi-level raster pixels.
<i>Negate</i>	Reverses the raster image pixels on display and changes which are dominant for scaling.
<i>Scale to gray</i>	When active, displays the active bi-level raster image as though it were a grayscale image.
<i>Monochrome</i>	An image or screen with only background and foreground colors. Same as black-and-white or bi-level.

Preference menu

<i>Command</i>	<i>What does it do?</i>
<i>View ribbon</i>	View Ribbon displays and removes the ribbon that contains buttons. By default, the View Ribbon appears below the menu bar. It serves as a fast means of selecting some File, View, and Preference menu commands.
<i>Status bar</i>	Status Bar displays and removes the Status Bar at the bottom of the Océ View Station window. The Status Bar displays the pointer co-ordinates and a status line.

Preference menu

<i>Reference</i>	Reference displays or removes a small, usually floating window. This window displays the entire current page in miniature. The crossed box inside the Reference window indicates which part of the page is displayed in the document window. By moving or resizing the crossed box, you change which area of the page is displayed.
<i>Detail</i>	Displays or removes the Detail window.
<i>Measurement</i>	When active, allows you to measure lines and areas on the image.

Help menu

<i>Command</i>	<i>What does it do?</i>
<i>About</i>	Shows information about Océ View Station.

Note: You can retrieve help about View Station via Océ Scan Manager.

Function buttons

Below the menus there are function buttons in a ribbon. This ribbon can be turned on and off (see ‘View ribbon’ on page 102).



[59] Function buttons in Océ View Station

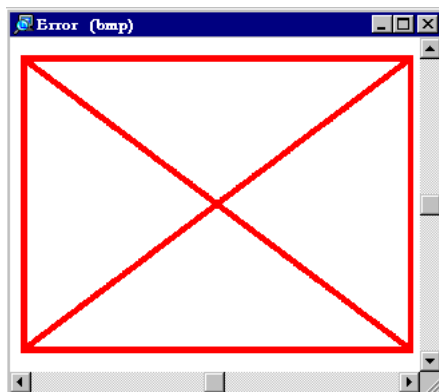
Figure 59 displays the buttons:

- 1 Invert: Reverses the black and white parts of the image.
- 2 Fit: Scales the image to fill the window.
- 3 1:1: Displays the image at a 1:1 scale factor.
- 4 Magnify: Zooms into the page.
- 5 Reduce: Zooms out of the page.
- 6 Mirror: Mirrors the image.
- 7 Rotate 90 CCW: Rotates the image 90 degrees counter-clockwise.
- 8 Rotate 90 CW: Rotates the image 90 degrees clockwise.
- 9 Rotate 180: Rotates the image 180 degrees.
- 10 Measurement, when active, allows you to measure lines and areas on the image.

- 11 Reference. This small floating window displays the entire current page in miniature for reference.
- 12 Displays or removes the Detail window.

View error

When the memory is almost full, sometimes the viewer does not show the scanned file. Instead it shows a red border with a red cross (see figure 60).



[60] Error view in Océ View Station

Chapter 7

System status

This chapter describes how to view the status of the Océ 9600 system.



Introduction

The Océ 9600 System Control Panel (SCP) application provides you with status information about the system. This includes:

- Machine status of the Océ 9600 Printer
- Overview of the loaded media types and sizes
- Machine status of the Océ 9600 Copier
- Memory usage.

Structure

The Océ 9600 System Control Panel window is divided into the following parts (see figure 61 on page 107):

The standard menu bar which contains the following menus:

- File - Login, Logout, Connect to and Exit.
- Edit

If you select this option, a window is displayed in which you can view your default server and the display languages (first and second) for the System Control Panel application. The *Auto login* option allows you to start the application automatically in the specified user mode.

- View

The View menu allows you to switch between the display languages as defined in the Edit options window and to enable or disable System Control Panel sub windows.

- System

The System menu allows you to dump your configuration settings, make a demo plot, clear the system and shut down the system.

Help options: *Contents of System Control Panel*, *About System Control Panel*.

The Printer status window This window displays the current status of the Océ 9600 Printer. Any error messages displayed on the printer control panel also appear in the printer status window of the System Control Panel.

The Media window This window provides graphical information about the status of the printer rolls and cassette trays (available, empty or disabled) and about the available media (size and type).

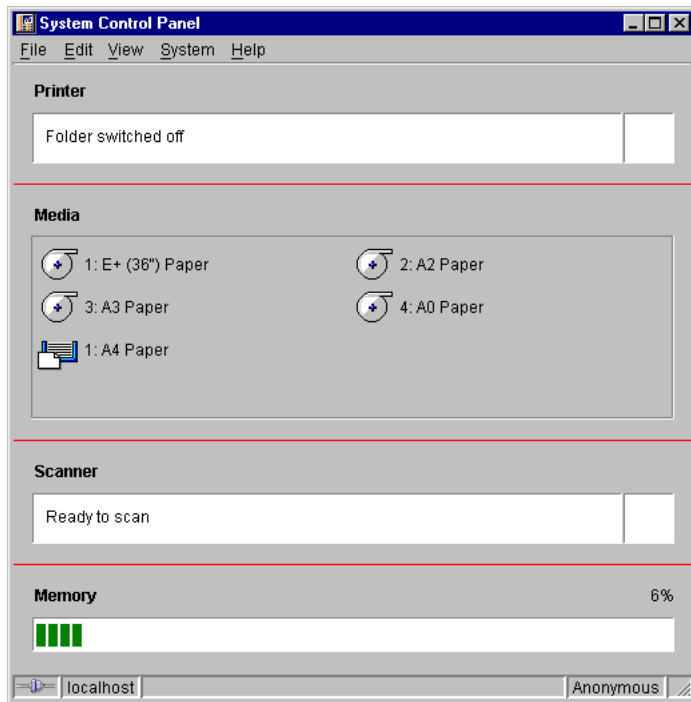
The Scanner status window This window displays the current status of the Océ 9600 scanner. Any error messages displayed on the scanner control panel will also appear in the scanner status window of the System Control Panel.

The set memory meter This bar indicates how much set memory is still available to you. The information is displayed in the form of a meter which is divided into three zones:

- Green: safe, you have enough space left to print large jobs/many small jobs
- Orange: pay attention, you might reach the set memory limit soon
- Red: the set memory is (nearly) full; you should remove files or wait until files are printed and automatically removed or flushed from memory.

Note: *At the right of the set memory meter a percentage is displayed, indicating the amount of set memory currently being used.*

The System Control Panel main window is displayed below:



[61] System Control Panel window

Printer status window The printer status window is used to display the printer status messages, such as: Power off, Off line, Error, Ready to print, Door open, etc.

When operator intervention is required (for instance when an error has occurred) a blinking icon will be displayed to visually attract the operator's attention.

Media window For each media source (roll or cassette tray) the following information is displayed:

- Media feed type roll or cassette tray
- Media feed number
- Media size
- Media type
- Media sort: special or normal
- Media orientation (cassette tray type only)
- Media feed empty
- Media feed available
- Media weight

Note: *If the Media type is polyester, the thickness is expressed in mil (0.001"), otherwise the weight is expressed in g/m2 or in pounds.*

When a roll or tray is disabled, the roll or tray icon is dimmed and the media information is replaced by the text “-disabled-” (see ‘Icons’ on page 110).

Note: *Special media are excluded from the automatic behavior of the Océ 9600.*

Note: *You can hide the media by de-selecting it in the View menu option.*

Scanner status window The scanner status window is used to display the scanner status, such as: Power off, Error, Ready to scan, etc.

When operator intervention is required (for instance when an error has occurred) a blinking icon is displayed, until the source of the alert has been removed.

Note: *You can hide the scanner status window by de-selecting it in the View menu option.*

Set memory status The System Control Panel will display the percentage of memory in use.

The display will be in the form of a status bar divided into three zones to show the current state of the set memory:

- Green, normal zone
- Yellow, warning almost full zone
- Red, error set memory full zone.

Note: *You can hide the memory status window by de-selecting it in the View menu option.*

Icons

The Océ 9600 System Control Panel uses a number of icons to display information about the media available on the printer. The following icons are used:

The material is available and the roll is ready for printing.



The roll is enabled but empty.



The material is available in portrait orientation and the cassette tray is ready for printing.



The material is available in landscape orientation and the cassette tray is ready for printing.



The cassette tray is empty and material should be loaded in portrait orientation.



The cassette tray is empty and material should be loaded in landscape orientation.



User operations

The Océ 9600 System Control Panel allows you to perform the following operations:

- Making a demo plot
- Printing your system configuration
- Changing the display language
- Clearing the system
- Shutting down the system
- Setting up a remote session (only on a remote system)
- Quitting a remote session (only on a remote system).

▼ Making a demo plot

- 1 Select the Demo plot option in the System menu.
A demo plot is made on the printer.

▼ Printing your system configuration

- 1 Select the Print settings option in the System menu.
A list is printed of the current settings on the Océ 9600.

▼ Changing the display language

- 1 Select the *View* menu option.
Here you can select one of two available display languages.

▼ Clearing the system

- 1 Select the 'Clear system' option in the System menu to delete all jobs.
You can use this option in case of a corrupt job which cannot be deleted with the help of the Queue Manager.

Note: *This option is only available in repro operator, key operator and system administrator mode. In anonymous user mode, it is not possible to clear the system.*

▼ Shutting down the system

- 1 Select the Shut down option in the System menu to shut down the system.
This option is only available in repro operator, key operator and system administrator mode.
Note: *On a local system, this option is available to any user, including an anonymous user.*

▼ **Setting up a remote session (only on a remote system)**

- 1 Click on the Connect to option in the File menu.
A dialog box will appear containing all the available 9600 systems.
- 2 Select one of the available 9600 systems and click on *OK*.

Note: *If the system you want to connect to is not available in the list, you can click on the Edit... button. A dialog box will appear which allows you to manually add a 9600 system. For this, you will need a valid IP address.*

▼ **Quitting a remote session (only on a remote system)**

- 1 Select the Exit option in the File menu when the System Control Panel has been installed on a remote client.
The remote SCP session is now terminated.

Chapter 8

Remote Logic

This chapter describes how to install the remote versions of the Queue Manager, System Control Panel and Settings Editor on a user PC.



Introduction

The controller applications of the Océ 9600 (Queue Manager, System Control Panel and Settings Editor) are also delivered as remote versions.

This means that users can access one or more Océ 9600 systems from their own computer. Anonymous users can view the status of both their jobs (Queue Manager) and the entire system (System Control Panel). This way they can, for instance, determine which queue is shortest and send their jobs there to avoid lengthy delays.

From a management point of view, the availability of remote versions of the applications is quite useful as well. They allow key operators and system administrators to manage multiple Océ 9600 systems from a single location. They can centrally monitor the system status and identify potential problems without having to work at the controller itself.

The remote versions are almost identical to the local applications, which are installed on the controller. The only difference is that an anonymous user can only use the 'Abort' button of the Queue Manager and the 'Shut down' option on the System Control Panel when he is working locally. The key operator, system administrator and repro operator can access these functions remotely, from their own PC.

Installation procedure

Before installing Remote Logic you must take note of the following minimum system requirements for the remote system. It has to be a Pentium 233 with 32 Mb RAM, running Windows 95, 98 or NT (service pack 3) or a HP-UX 10.20. Contact your local Océ organization for other compatible systems.

Remote Logic (Queue Manager, System Control Panel and Settings Editor) are located on the Océ 9600 User Documentation / Applications CD-ROM provided with the system. The installation procedure for Remote Logic is quite simple and self-explanatory. When you select the 'Install remote applications' option on this CD-ROM, a wizard is started which guides you through the installation process. Once the installation process is completed, you can start working with the applications without having to reboot your system.

Note: *Remote Logic works only when TCP/IP is enabled on your system. Refer to your system administrator for assistance with the installation procedure for TCP/IP.*



Install Remote Logic

- 1 Insert the Océ 9600 User Documentation / Applications CD-ROM into the CD-ROM drive of your PC.
- 2 Select the 'Install remote applications' option.
The installation wizard is started and you are asked to choose a setup language.



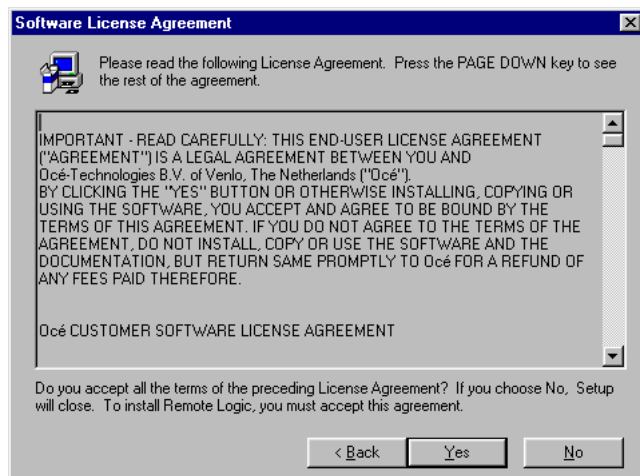
[62] Choosing a setup language

- 3 Specify the desired language and click 'OK'.
The Setup is now started and a Welcome window is displayed.



[63] 'Welcome' window

- 4 Exit all Windows programs (as recommended) and click the 'Next' button to continue. The 'Software License Agreement' window is displayed

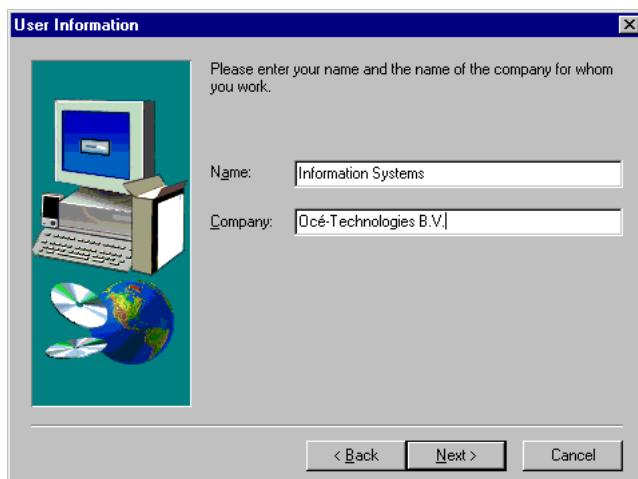


[64] 'Software License Agreement' window

- 5 Click the 'Yes' button to accept the specified terms or click the 'No' button to refuse.

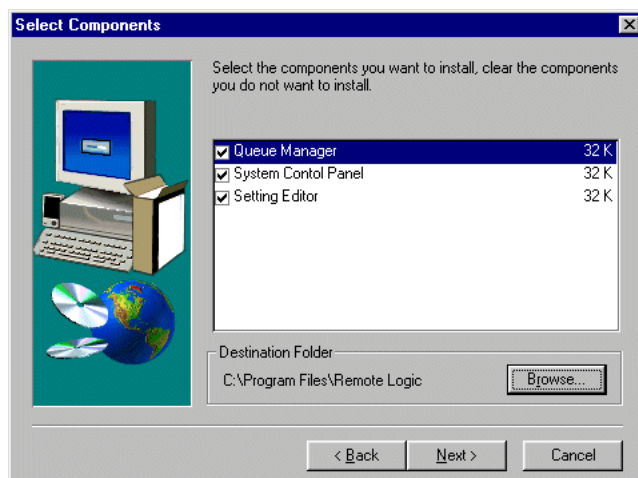
Note: If you click the 'No' button, the 'Exit Setup' window is displayed, prompting you to click on the 'Resume' button to return to the 'Software License Agreement' window or to click the 'Exit' button to terminate the installation procedure.

The 'User Information' window is now displayed



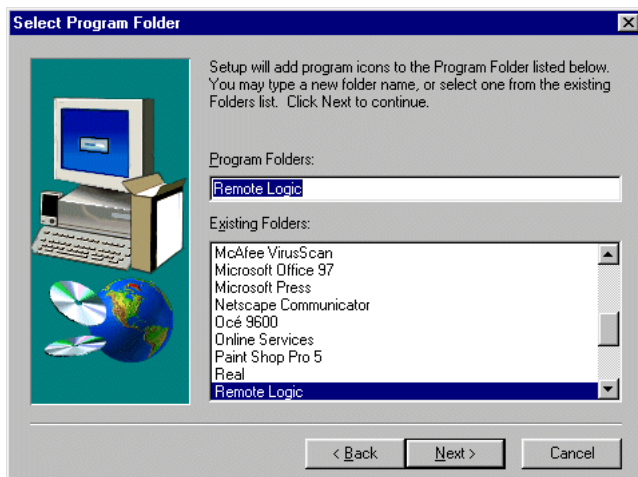
[65] 'User Information' window

Enter your name and your company name in the appropriate fields and click the 'Next' button. The 'Select components' window appears.



[66] 'Select components' window

- 6 Accept the proposed destination folder or use the 'Browse' button to select a folder of your own choice.
- 7 Select the desired components and click the 'Next' button.
Note: *By default, all components are selected.*
- 8 When you click the 'Next' button, the 'Select Program Folder' window appears.



[67] 'Select Program Folder' window

- 9 Enter the desired program folder name and click on the 'Next' button.

The programs are now installed. Each application is installed separately and as part of a combined version called 'Applications'.

When the installation is complete, you can start the applications by selecting them from the specified folder in the 'Start' menu.

To work with the applications you first have to connect to an available Océ 9600 machine. How to connect is described in 'The connection to a controller' on page 78.

Note: *If you plan to work with more than one of the available remote applications, you are advised to use the 'Applications' version, because this uses less system resources than the individual applications.*

Chapter 9

The Océ 9600 applications

This chapter describes the general functionality of the Océ 9600 applications.



Introduction

The Océ 9600 applications enable you to perform certain tasks such as:

- View system status (Océ System Control Panel).
- Manage print jobs (Océ Queue Manager).
- Change settings (Océ Settings Editor).
- Manage scanning (Océ Scan Manager).

The Océ 9600 applications have four different user modes. These user modes are designed to limit access of specific functions to authorized users only. Access one of the four user modes by logging in.

To facilitate working with the Océ 9600 applications, the display languages can be configured. Should you find yourself not able to proceed to the next step, you can always access the help system to retrieve an answer to your questions.

The Océ 9600 applications are available on the local host and as a remote version except for Scan Manager which is only available on the local host.

The Océ 9600 applications operate independently of each other. You have to log in and select a language for each application separately.

User modes

In order to block access from some users, you have to log in to a particular user mode. The breakdown of user modes finds its origin in different target groups with specific tasks and needs.

There are four different user modes:

- Anonymous user mode
- Repro operator mode
- Key operator mode
- System administrator mode

The anonymous user mode only offers monitoring capabilities. You are not allowed to change anything.

The repro operator, the key operator and the system administrator modes allow you to perform a number of particular user actions.

Note: *In the Queue Manager and the System Control Panel, the repro operator, the key operator and the system administrator have the same user rights. In the Settings Editor, however, the user modes offer different rights.*

In repro operator mode, the operator is allowed to view settings only in the key operator and system administrator modules.

In key operator mode, the operator is allowed to view and change settings in the key operator module. The key operator is also allowed to view system administration settings, but is not able to change them.

In system administrator mode, the operator is allowed to view and change settings in the system administrator module. The system administrator is also allowed to view key operator settings, but is not able to change them.

When you are not logged in (in anonymous user mode), the right-hand part of the window where the settings are displayed, is shaded in.

Note: *The status bar at the bottom displays the active user mode.*

Log in

The access to the key operator, repro operator and system administrator modes is password protected to allow only authorized personnel to use particular functions.

You can enter these modes by selecting the 'Login' option from the 'File' menu and by specifying the correct password when prompted for it.

Note: *You will have to perform the Login action in all four Océ 9600 programs separately.*

Logout

You can leave the key operator, repro operator and system administrator modes by selecting the 'Logout' option from the 'File' menu. When you select 'Logout' you will return to anonymous user mode.

Note: *You will have to perform the Logout action in all four Océ 9600 programs separately.*

To change the password

To avoid taking any security risks on the Océ 9600, you may want to change your password on a regular basis. You can change the password for each user mode (except anonymous user mode, for which no password is required) by taking the following steps:

- ▼ **Change the password:**
- 1 Open the 'File' menu, select 'Log in' and click the 'Password' button.
 - 2 Select the appropriate username in the 'Username' drop-down list box.
 - 3 Enter the old password in the 'Password' text box.
 - 4 Enter the new password in the 'New password' text box.
 - 5 Confirm the new password by entering it in the 'Confirm new password' text box and click 'OK' to set the new password.

Note: *You will have to perform the Change password action in all four Océ 9600 programs separately.*

Automatic login

If you do not want to specify your password every time you log on to the system, you can select the automatic login function. This option allows you to start the Océ 9600 applications automatically in the specified user mode.



Enable automatic login:

- 1** Open the 'Edit' menu and select 'Options'.
The Options window appears.
- 2** Select the 'Auto login' check box.
- 3** Select the required user mode and enter your password for that user mode.
- 4** Click 'OK'.

Automatic login is now enabled.

Note: *You will have to perform the Enable automatic login action in all four Océ 9600 programs separately.*

Ease of use

The Océ 9600 applications are easy to use. You can change the display language and there is an extensive help system should you have any questions.

Language

You can choose between two display languages defined for your system by selecting one of the two specified languages in the ‘View’ menu.

Note: *The check mark in front of the language indicates that this is the active display language.*

The languages can be set in the ‘Options’ dialog box. This can only be done from the remote applications:

▼ Set the languages

- 1 Open the ‘Edit’ menu and select ‘Options’.
The Options window appears.
- 2 Choose the desired first and second language from the two drop-down list boxes.
- 3 Click ‘OK’ to close the Options window.

Note: *On a remote client, you must set the languages in all three Océ 9600 applications separately. On the NGC, the languages of the four applications are set at once.*

If you want to change the language in the scanner and printing operating panels you must do this by using the settings in the Settings Editor (see ‘First language’ on page 178 and ‘Second language’ on page 178).

Help

▼ Display help information

- 1 Open the ‘Help’ menu and select ‘Contents’.
Now you can retrieve extensive help for all functions of the Océ 9600 applications.

Command line parameters

In order to start the remote applications faster, there are 6 command line parameters available.

configfile=config_file Specifies a configuration file you want to use. The configuration file can have any name

server=server Specifies the server (local host) you want to connect to.

language1=lang Specifies the first language in combination with the parameter 'country1=country'.

country1=country Specifies the first language in combination with the parameter 'language1=language'.

language2=lang Specifies the second language in combination with the parameter 'country2=country'.

country2=country Specifies the second language in combination with the parameter 'language2=language'.

Note: *You must always use a matching combination of 'lang' and 'country' (see table 68 on page 126).*

Language

	<i>Lang</i>	<i>Country</i>
<i>Danish</i>	da	DK
<i>Czech</i>	cs	CZ
<i>Spanish</i>	es	ES
<i>Finish</i>	fi	FI
<i>Hungarian</i>	hu	HU
<i>Italian</i>	it	IT
<i>US English</i>	en	US
<i>UK English</i>	en	GB
<i>Dutch</i>	nl	NL
<i>German</i>	de	DE
<i>French</i>	fr	FR
<i>Portuguese</i>	pt	PT
<i>Norwegian</i>	no	NO
<i>Swedish</i>	se	SE
<i>Polish</i>	pl	PL

[68] Matching Language and Country parameters

The parameters can be applied to the following applications:

- QM.exe (Queue Manager)
- SCP.exe (System Control Panel)
- SE.exe (Settings Editor)
- Clients.exe (Queue Manager, System Control Panel and Settings Editor)

Note: *These applications are usually located in 'C:\Program Files\Remote Logic\Bin'.*

The easiest way to do this is by creating a short-cut for an application and then add the command line properties.

Example command line parameter Below is an example of how to start the Océ 9600 applications with the configuration file 'Myconfig.cfg', connected to the 'My9600' server. The first language is set to US English and the second to French:

'C:\Program Files\Remote Logic\Bin\Clients.exe -configFile=Myconfig.cfgt server=My9600 language1=en country1=US language2=fr country2=FR'.

Work on a remote system

You can start up the Océ 9600 applications (Settings editor, Queue manager, System control panel) except for Scan manager, on a remote client after you installed the software (see chapter 8, 'Remote Logic' on page 113). In order to use the functions, you first have to add an Océ 9600 controller and then connect to an available Océ 9600 controller.

▼ Add an Océ 9600 controller

- 1 Open the 'File' menu and select 'Connect to'.
A dialog box will appear with a drop-down list box containing the already added Océ 9600 systems.
- 2 Click 'Edit...'. The 'Edit systems' dialog box appears.
- 3 Enter the IP address of the Océ 9600 system you want to connect to, in the 'Systems' text box.
- 4 Click 'Add'. The Océ 9600 is added to the list. You can add more systems.
Note: *You can remove an Océ 9600 system. Select one from the list and click 'Remove'.*
- 5 Click OK twice to return to the application.

Note: *Before you can add an Océ 9600 system, the system has to be installed and configured by a system consultant or a technician.*

▼ Connect to an Océ 9600 controller

- 1 Open the 'File' menu and select 'Connect to'.
A dialog box will appear containing a drop-down list box with the available Océ 9600 systems.
- 2 Select one of the available Océ 9600 systems and click on 'OK'. When you connect to another system, all settings have to be retrieved. This may take some time.

Note: *You will have to perform the Add and Connect actions in the remotely used Océ 9600 programs separately.*

Chapter 10

Key operator settings

This chapter describes how to choose key operator settings in the Settings Editor of the Océ 9600.



Introduction

This chapter is intended for key operators only and contains all details necessary for printer/copier user activities required to keep the Océ 9600 tuned to company requirements.

The key operator is responsible for maintaining correct system default settings. These include default settings and groups of default printer settings for recurring print and copy jobs.

Also, the key operator can define all timer settings, such as panel time out and sleep mode time out.

This chapter will inform you about accessing the Settings Editor and defining key operator settings.

Note: *Only one key operator or system administrator can be logged on to the Settings Editor at the same time.*

Starting up and shutting down the controller

Take the following steps to start up the controller:

▼ **Start up the Océ 9600 controller**

- 1 Turn on the controller and the screen.
After the initial controller system test, the Queue Manager, System Control Panel, Settings Editor and Scan Manager applications are automatically started and the Océ 9600 is ready for operation.
Note: *The Queue Manager and the System Control Panel applications are visible on the screen; however, the Settings Editor is minimized in order to save screen space.*

Take the following steps to shut down the controller:

▼ **Shut down the Océ 9600 controller**

- 1 Go to the System Control Panel application.
- 2 Select the 'Shutdown' option from the 'System' menu.
- 3 Confirm shutdown by clicking on the 'Yes' button in the 'Shut down' window.
The system automatically performs the shutdown procedure for the controller. Finally, the Windows NT 'Shutdown Computer' window appears, which informs you that you can turn off your computer.
Note: *You can now restart the controller by pressing the 'Restart' button.*
- 4 Turn off your computer and display.

Note: *The Océ 9600 has a sleep mode (see page 182). The sleep mode turns off most of the power supply after a certain time of inactivity.*

Settings Editor

The Settings Editor is one of the controller applications for the Océ 9600, which allows users and operators to view and, if authorized, to modify system settings.

With the Settings Editor, two groups of settings can be configured:

- Key operator settings (KO settings)

The key operator group allows authorized users to configure default settings for copy and print jobs, default off-line fold settings and scan-to-file options. Printer, system and scanner defaults can also be set or modified within the key operator settings.

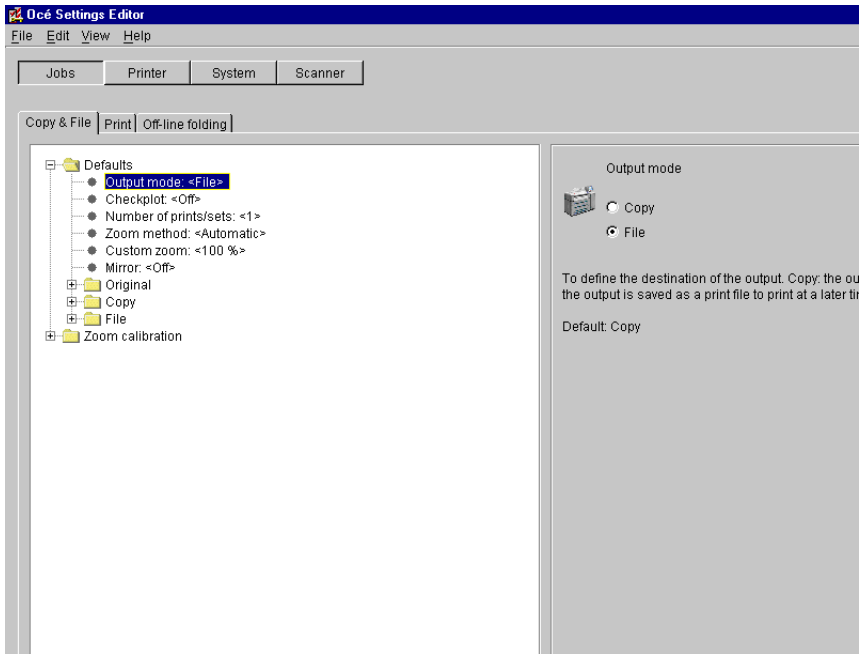
- System Administrator settings (SA settings)

The system administrator group allows authorized users to configure default printer language (PDL) settings and printer pen settings. It also allows the system administrator to configure system and connectivity settings.

These groups of settings can be selected from the ‘View’ menu of the Settings Editor.

Setting dependencies The Settings Editor is used to display and edit a specified group of settings. Some settings are dependent upon other settings. If you want to change settings which have dependencies upon other settings, you will be prompted with a message. When a setting is changed, the system automatically updates the dependent settings.

Also, when you change certain settings, such as measurement unit or paper series, all related settings are instantaneously converted to the new setting (with a bullet for the settings that are changed).



[69] Settings Editor

General structure

The Settings Editor is structured as follows:

- Menu bar
- Row of buttons
- Settings area
- General control buttons
- Status bar

Menu bar

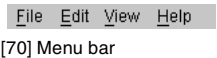
The menu bar of the Settings Editor contains the following menus:

File If you select the ‘File’ menu, you can log in as a particular type of user, log out of the previously selected user mode, open an existing setting file, save the current settings to a file, connect to a different controller (only for remote users) or exit the Settings Editor.

Edit If you select ‘Options’ from the ‘Edit’ menu, a window is displayed in which you can view your default system and the display languages (first and second) for the Settings Editor application. The ‘Auto login’ option allows you to start the Settings Editor application automatically in the specified user mode.

View The ‘View’ menu allows you to switch between the display languages as defined in the Edit options window and between KO settings and SA settings.

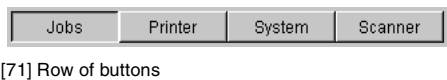
Help The ‘Help’ menu contains the following options: ‘Contents of Settings Editor’ and ‘About Settings Editor’.



Row of buttons

There are four different buttons available at the top of the Settings Editor. These are ‘Jobs’, ‘Printer’, ‘System’ and ‘Scanner’. Each button provides access to a specific group of settings. By clicking on each of these buttons, you can get access to the settings related to the selected group.

A shadow highlight is used to indicate which button is activated.



Settings area

The settings area consists of two parts: a setting tree and an update area.

Tree structure Most settings are displayed using a tree structure. By clicking on the settings, folders can be opened to show all the entries or closed to hide all the entries below these folders.

The settings for system components that are not available are not displayed. Therefore, if you do not have a folder, no folder settings are available. This means that different configurations result in different tree structures.

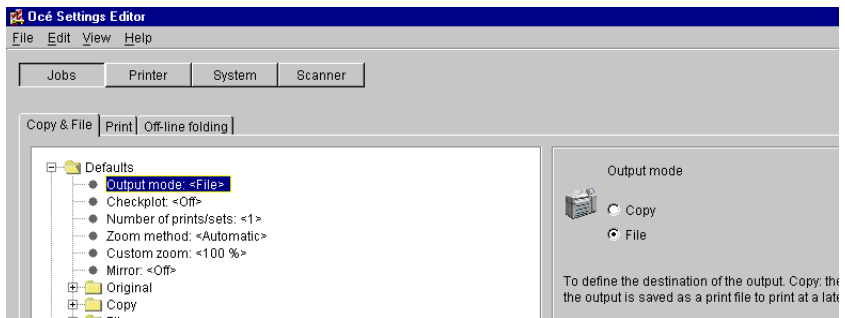
Note: *When a tree item has been changed, this item will be marked with a bullet.*

Update area The user can move through the tree and select a setting. If he selects a setting for which he is authorized, he can edit the setting in the update area.

If the user is not authorized for a particular setting, the update area is grayed and no changes can be made.

Note that a few settings, such as basic card and pen settings, are not edited from the tree structure, but are accessed directly from the settings area.

The update area contains some additional information about the selected setting. This includes a brief definition of the setting, as well as the minimum, maximum and default values (if appropriate).



[72] Settings area

General control buttons

The Settings Editor contains two general control buttons: 'Apply' and 'Undo'.

Apply When you click on the 'Apply' button, the changes you have made become effective. Initially, this button is disabled. It is enabled after the first setting is changed and disabled again after the apply action is performed or after an undo action.

Undo This button restores the settings to the state it was in the last time the settings were applied (and not back to the factory default). The 'Undo' button is disabled at first. This button is enabled the moment the first setting is changed. It is disabled after an Apply action is performed or after an undo action.



[73] Control buttons

Status bar

The Settings Editor has a status bar displaying the following information (left to right):

- System status (icon for connected or disconnected)

The following icons are used:



The Settings Editor is connected to a system.



The Settings Editor is disconnected from a system.

- System name ('localhost' if you are working at the controller)
- User mode (Repro operator, Key operator, System administrator or anonymous)
- View mode (KO settings or SA settings).

How to access the Settings Editor

In order to perform special key operator functions, you must log on to the Settings Editor as a key operator.

Because these functions are restricted to a dedicated key operator, a password is required to access them. The service engineer will provide this password to you upon installation.

Note: *Only one key operator or system administrator at a time is authorized to make modifications. However, multiple users may view the settings. When a second user tries to log in as Key Operator or as System Administrator, an error message is displayed.*

How to perform actions from the Settings Editor

You can perform a number of activities from the Settings editor. These activities include:

- Save settings to file
- Load settings from a file
- Specify the custom card.

Save and load settings All key operator and system administrator settings can be saved in a file or loaded from a file. This way, you can have different settings for different customers, departments or other situations.

Note: *These settings can only be saved in Key operator or System administrator mode.*



Save settings to file

- 1 Open the 'File' menu and select 'Save as'.

You now have two possibilities:

- If the client is a local client, a dialog is displayed and the user can supply a file name. The file is saved in a predefined directory on the system.
- If the client is a remote client, a dialog box is displayed and the user can supply a directory and a file name.

Note: *All settings in the current view mode are saved; not only the ones that are currently visible.*

A few special files are available here:

- Default.kos/Default.sas

These files contain the factory default settings for the key operator and system administrator, respectively, and cannot be changed.

- Backup.kos/Backup.sas

These files contain a previous version of the settings for the key operator and system administrator, respectively (before the last application of settings).

- Current.kos/Current.sas

These files contain the version of the settings for the key operator and system administrator after the last application of settings.

When an new settings are applied, the contents of the current settings are copied to the backup file. There are two versions of this file, one for KO settings and one for SA settings. These files are always stored on the system.



Load a settings file

- 1 Open the 'File' menu and select 'Open'.

A dialog box is displayed from where you can choose the correct file.

- 2 Click on the 'Apply' button.

The loaded settings are transferred to the system.

Note: *This is only possible if the user is logged in as a key operator or system administrator.*



Specify the custom card

The custom card on the scanner panel contains high priority settings. Because there is only room for five default settings on the basic card and there are more functions that might qualify, the custom card is programmable.

This option allows you to add or delete current settings on the custom card. In the left window, all available setting groups are displayed. In the right window, all the current settings are displayed. You can use the two arrow buttons between the two windows to add settings to or remove settings from the custom card.

- 1 Click on the 'Scanner' button.
- 2 Select the 'Custom card' tab.
- 3 Press the upper arrow button to add settings to the custom card. The maximum number of settings that can be added to the custom card is five.
- 4 To change the order of the settings on the card, click on one of the buttons on the right of the 'Custom card' window.
- 5 Click on the 'Apply' button to save any changes you have made.

Key operator settings

In order to perform special key operator functions, you must log on to the Settings Editor as a key operator.

Because these functions are restricted to a dedicated key operator, a password is required to access them. The service engineer will provide this password to you upon installation.

Note: *When you are finished, make certain you log out of the Key operator mode of the Settings Editor to prevent unauthorized use of the Océ 9600.*



Make key operator settings in the Settings Editor

- 1 Maximize the Settings Editor on the screen.
- 2 Log in as key operator.
- 3 Click on one of the top buttons to display the desired group of settings.
- 4 Select the setting you want to update in the tree structure.
- 5 Update the setting in the update area, as required.

Note: *A few settings, such as the defaults for the Custom card, are made directly from the tree structure area.*
- 6 Click on the 'Apply' button.

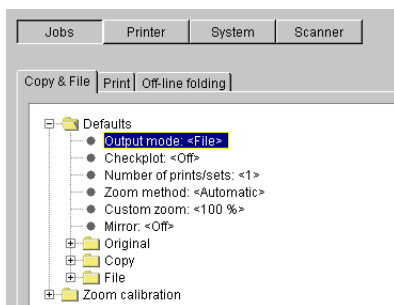
The new value is now applied for the setting
- 7 Log out of the Key operator mode when you have finished updating the settings.

Job-related settings for copying

The 'Copy & File' tab of the job-related settings contains a folder with default settings, which can be overruled by settings that are sent along with the copy job (via a job ticket or from the scanner panel), plus a folder with settings for horizontal and vertical zoom calibration.

The 'Defaults' folder contains the following (groups of) options:

- Output mode (single option)
- Checkplot (single option)
- Number of prints/sets (single option)
- Zoom method (single option)
- Custom zoom (single option)
- Mirror (single option)
- Original (group)
- Copy (group)
- File (group)



[74] 'Defaults' Folder for 'Copy & File'

Job-related settings for copying (single)

Output mode

Description The option 'Output mode' allows you to define the destination of the output: Copy: the output will be printed on paper. File: the output is saved as a print file and can be printed on paper at a later time.

Min/max values N/A

Menu path Jobs - Copy & File - Defaults - Output mode - <value> - Apply

Checkplot

Description Use 'Checkplot', to define that a paper copy will be made of each scanned original.

Min/max values N/A

Menu path Jobs - Copy & File - Defaults - Checkplot - <value> - Apply

Number of prints/sets

Description Use 'Number of prints/sets', to define the default number of copies for each job in the printer memory. The default value is 1. The maximum number of copies is 999.

Min/max values 1 - 999

Menu path Jobs - Copy & File - Defaults - Number of prints/sets - <value> - Apply

Zoom method

Description The Océ 9600 has a custom, automatic and 1-to-1 scaling option. 'Custom' allows you to define the zoom ratio. If you select 'Automatic', a zoom ratio will be calculated, based on the original size and the copy media size. 1-to-1 means there is no zoom ratio.

Menu path Jobs - Copy & File - Defaults - Zoom method - <value> - Apply

Custom zoom

<i>Description</i>	The custom zoom value defines the zoom ratio when you select 'Custom' for Zoom method
<i>Menu path</i>	Jobs - Copy & File - Defaults - Custom zoom - <value> - Apply

Custom zoom

<i>Description</i>	The custom zoom value defines the zoom ratio when you select 'Custom' for Zoom method
<i>Menu path</i>	Jobs - Copy & File - Defaults - Custom zoom - <value> - Apply

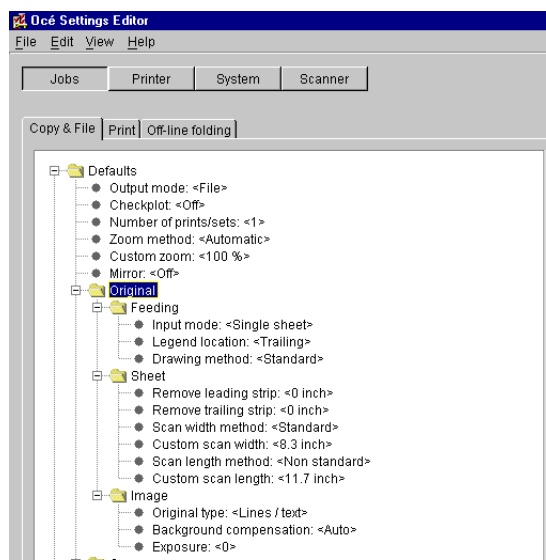
Mirror

<i>Description</i>	You can use the 'Mirror' option to print a horizontally mirrored image of an original. Mirroring is performed in the vertical axis.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Mirror - <value> - Apply

Original (group)

The Original group contains the following options (see figure 75 on page 143):

- Input mode
- Legend location
- Remove leading strip
- Remove trailing strip
- Scan width method
- Custom scan width
- Scan length method
- Custom scan length
- Original type
- Background compensation
- Exposure



[75] 'Original' Folder for Copy & File

Input mode

Description

The 'Input mode' allows you to define the type of input:

Single sheet: No sorting will be used. Each page is put in a separate job.

Multiple sheets: Sort by page job where, until the set is closed, all originals will belong to the same job (e.g. 11111 - 22222 - 33333).

Set: Sort by set job (e.g. 123 - 123 - 123 - 123 - 123)

Min/max values

N/A

Menu path

Jobs - Copy & File - Defaults - Original - Feeding -Input mode - <value> - Apply

Legend location

Description

You can use the 'Legend location' option to determine if users will feed in the original with the legend on the leading edge or on the trailing edge.

This information is used to fold the copy in such a way that the legend is always on top of the folded package.

Min/max values

N/A

Menu path

Jobs - Copy & File - Defaults - Original - Feeding - Legend location - <value> - Apply

Remove leading strip

Description

Use the 'remove leading or trailing strip' settings to set the removal of a blank strip at the top or bottom of the image as default. The print length will decrease accordingly.

'Remove leading strip' will remove a blank strip at the top of the image.

'Remove trailing strip' will remove a blank strip at the bottom of the image.

You can remove up to 400 mm or 16 inches in increments of 1 mm.

By default, no leading or trailing strip is defined.

Remove leading or trailing strips will always work, unless you try to remove the entire plot.

Min/max values

N/A

Menu path

Jobs - Copy & File - Defaults - Original - Sheet - Remove leading / trailing strip - <value> - Apply

Scan width method

<i>Description</i>	<p>The 'Scan width method' option allows you to select the width that will be scanned:</p> <p>Standard: The width scanned is according to the automatically sensed original width.</p> <p>Non-standard: The scan width is extended to the first non-activated original width sensor, or to the maximum original size.</p> <p>Custom: Custom selected width. Useful if the original is a non-standard format. This setting will overrule the automatically detected original size.</p>
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Original - Sheet - Scan width method - <value> - Apply

Custom scan width

<i>Description</i>	<p>The 'Custom scan width' option allows you to select the width that will be scanned:</p> <p>Useful if the original has an arbitrary width. This setting will overrule the automatically detected original format.</p> <p>The setting is used in combination with the 'Scan width method'.</p>
<i>Min/max values</i>	1 – 36 inches
<i>Menu path</i>	Jobs - Copy & File - Defaults - Original - Sheet - Custom scan width - <value> - Apply

Scan length method

<i>Description</i>	<p>Use 'Scan length method', to select the length that will be scanned.</p> <p>Standard: The scan length is determined by the automatically sensed original length.</p> <p>Non-standard: The scan length extends to the first original length sensor that is not activated or to the maximum original size.</p> <p>Custom-selected length: Useful if the original is of a non-standard format. This setting will overrule the automatically detected original size.</p>
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<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Original - Sheet - Scan length method - <value> - Apply

Custom scan length

<i>Description</i>	The 'Custom scan length' option allows you to select the length that will be scanned. This is useful if the original has an arbitrary length. This setting will overrule the automatically detected original format. The setting is used in combination with 'Scan length method'.
<i>Min/max values</i>	40 –590.55 inches
<i>Menu path</i>	Jobs - Copy & File - Defaults - Original - Sheet - Custom scan length - <value> - Apply

Original type

<i>Description</i>	Select the type of original that you want to scan from the following range: <ul style="list-style-type: none">- Lines / text- Grays & lines- Dark original- Blueprint- Printed matter- Photo
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Original - Image - Original type - <value> - Apply

Background compensation

<i>Description</i>	Use this function to automatically compensate the original background. The compensation depends on the original type. For 'photo' or 'Grays & lines' originals, the background compensation will be fixed. For other original types, the compensation will be adaptive.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Original - Image - Background compensation - <value> - Apply

Exposure

Description

The exposure can be set for every original.

A negative value indicates a lower brightness, resulting in a darker scan; a positive value indicates a higher brightness, thus resulting in a lighter scan.

Min/max values

N/A

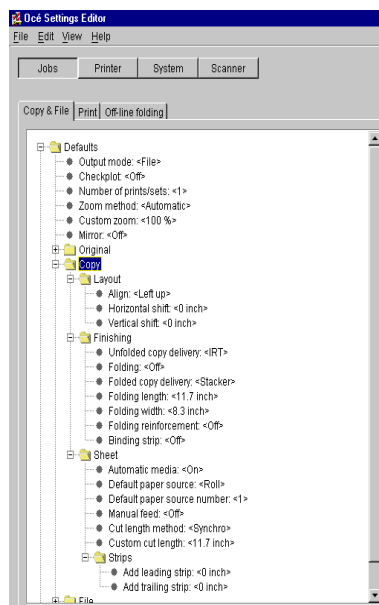
Menu path

Jobs - Copy & File - Defaults - Original - Image - Exposure
- <value> - Apply

Copy (group)

The Copy group contains the following options (see figure 76 on page 149):

- Align
- Horizontal shift
- Vertical shift
- Automatic media
- Default paper source
- Default paper source number
- Manual feed
- Cut length method
- Custom cut length
- Add leading strip
- Add trailing strip



[76] 'Copy' Folder for Copy & File

Align

<i>Description</i>	The align function enables you to automatically align the image to one corner, to one side, or to the center of the page. The default is 'Upper left'. The following buttons are available: Left up Up Right up Left Center Right Left down Down Right down.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Layout - Align - <value> - Apply

Horizontal shift

<i>Description</i>	The print margin may be too small to accommodate, for instance, filing strips without loss of information. To avoid this, shift the image in a horizontal and/or vertical direction. Image shift can be used in combination with the align function.
<i>Min/max values</i>	-35 – 35 inches
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Layout - Horizontal shift - <value> - Apply

Vertical shift

<i>Description</i>	The print margin may be too small to accommodate, for instance, filing strips without loss of information. To avoid this, shift the image in horizontal and/or vertical direction. Image shift can be used in combination with the align function.
<i>Min/max values</i>	-48 - 48 inches
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Layout - Vertical shift - <value> - Apply

Automatic media

Description The 'Auto format' option allows you to specify that the selected media size should be based on the size of your original.

Note:

Only sizes present in the specified paper series will be considered for use with the auto format function, unless nothing appropriate can be selected. In the latter case, the best fitting format in the specified paper series will be proposed.

Min/max values N/A

Menu path Jobs - Copy & File - Defaults - Copy - Sheet - Automatic media- <value> - Apply

Default paper source

Description Use 'Default paper source', to define the default paper source. The default is Roll 1. Whether a roll or a cassette tray is selected as default media source, is determined by the specified feed preference. The default selected paper source can be:

Roll

Cassette tray

Manual feed

Auto.

Min/max values N/A

Menu path Jobs - Copy & File - Defaults - Copy - Sheet - Default paper source - <value> - Apply

Default paper source number

Description Use 'Default paper source number', to define the default paper source.

Min/max values 1 - 2

Menu path Jobs - Copy & File - Defaults - Copy - Sheet - Default paper source number - <value> - Apply

Manual feed

<i>Description</i>	Use 'Manual feed', to allow manual feed only upon request by the printer. Only portrait orientation is allowed.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Sheet - Manual feed - <value> - Apply

Cut length method

<i>Description</i>	<p>The Océ 9600 determines the length and width of each digital image. Use 'Print cut method', to select one of the following default cut methods:</p> <p>Standard: The print length corresponds to a standard format, depending on the media width.</p> <p>Synchro: The print length is related to the length of the image. This is the default value. The minimum print length is 279 mm or 11 inches.</p> <p>Custom: The print length is defined by the user. The minimum length is 279 mm or 11 inches. The default value is specified with the Cut length option.</p>
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Sheet - Cut length method - <value> - Apply

Custom cut length

<i>Description</i>	<p>You can define a specific cut length.</p> <p>The specified cut length is used when the Custom cut method is selected. If custom cut is enabled, the copy media length will only depend on this setting, any other influence is excluded.</p>
<i>Min/max values</i>	11 – 590.55 inches
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Sheet - Custom cut length - <value> - Apply

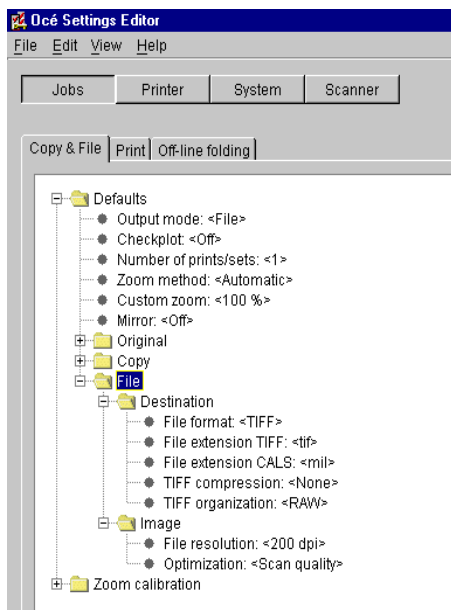
Add leading / trailing strip

<i>Description</i>	<p>Use the add leading / trailing strip settings to add, by default, a blank strip at the top or bottom of the image. The print length will increase accordingly.</p> <p>‘Add leading strip’ will add a blank strip at the top of the image.</p> <p>‘Add trailing strip’ will add a blank strip at the bottom of the image.</p> <p>By default, no leading or trailing strip is defined.</p> <p>Note: Adding a trailing strip will only work if the cut method is set to synchro cut.</p>
<i>Min/max values</i>	0 - 16 inches
<i>Menu path</i>	Jobs - Copy & File - Defaults - Copy - Sheet - Strips - Add leading / trailing strip - <value> - Apply

File (group)

The File group contains the following options (see figure 77 on page 154):

- File format
- File extension TIFF
- File extension CALS
- TIFF compression
- TIFF organization
- File resolution
- Optimization



[77] 'File' Folder for 'Copy & File'

File format

<i>Description</i>	To define the internal organization of the scanned files. Choose between TIFF and CALS.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Destination - File format - <value> - Apply

File extension TIFF

<i>Description</i>	You can enter an extension of your own choice for TIFF files.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Destination - File extension TIFF - <value> - Apply

File extension CALS

<i>Description</i>	You can enter an extension of your own choice for CALS files.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Destination - File extension CALS - <value> - Apply

TIFF compression

<i>Description</i>	Before scanning, you can set the compression method for TIFF files. Choose between Group 4, Group 3, or None.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Destination - TIFF compression - <value> - Apply

TIFF organization

<i>Description</i>	Before scanning, you can set the compression method for TIFF files. Choose between RAW, stripped or tiled.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Destination - TIFF organization - <value> - Apply

File resolution

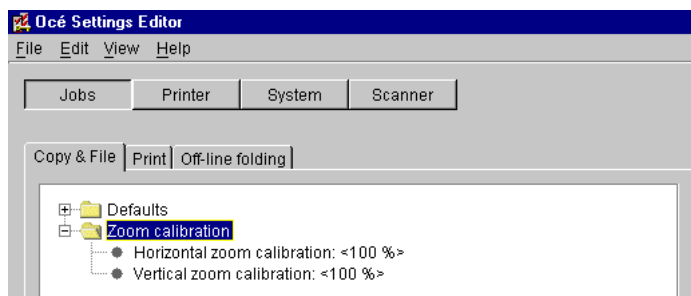
<i>Description</i>	The Océ 9600 scan-to-file option allows you to scan at the following three resolutions: 200 dots per inch (dpi) 300 dpi 400 dpi The higher the resolution, the better the image quality. Higher resolution also leads to bigger file size.
<i>Min/max values</i>	200 - 400 dpi
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Image - File resolution - <value> - Apply

Optimization

<i>Description</i>	There are two ways to optimize a scan-to-file. Scan quality: optimizes for the best image quality resulting in a better image quality. The scan resembles the original as much as possible. File size: optimizes for better compression. Generally resulting in a smaller file size.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Copy & File - Defaults - File - Image - File optimization - <value> - Apply

Zoom calibration

- On the Océ 9600 there are two options available for zoom calibration: 'Horizontal zoom calibration' and 'Vertical zoom calibration' (see figure 78).



[78] 'Zoom calibration' Folder for 'Copy & File'

Horizontal / vertical zoom calibration

Description

In order to optimize the 1 to 1 copy and print quality, the key operator can adjust the zoom calibration factor to an accuracy of 0.1%.

The zoom factor can be adjusted by means of two correction factors, one for the vertical zoom direction and the second for the horizontal zoom direction.

Min/max values

97 - 103%

Menu path

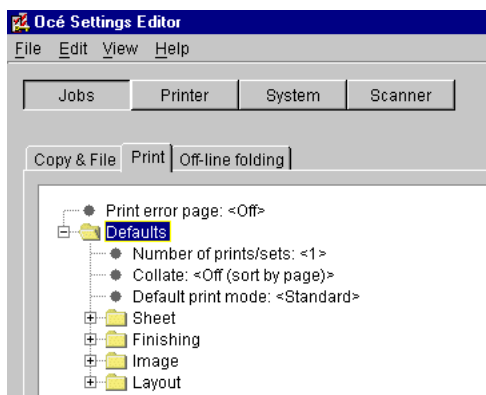
Jobs - Copy & File - Zoom calibration - Horizontal / Vertical zoom calibration - <value> - Apply

Job-related settings for printing

The 'Print' tab of the job-related settings contains a folder with default settings, which can be overruled by settings that are sent along with the print job, plus a setting for printing error pages (see figure 79).

The 'Print' tab contains 4 single options and 4 groups of options:

- Print error page (single option)
- Number of prints/sets (single option)
- Collate (single option)
- Default print mode (single option)
- Finishing (group)
- Sheet (group)
- Image (group)
- Layout (group)



[79] Tab for 'Print' with single options and grouped options

Print error page (single option)

<i>Description</i>	Use this setting to have error pages printed in case a printing error occurs. Error pages are printed in the following environments: PDL, RCF ticket or OJT ticket.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Print error pages - <value> - Apply

Number of prints/sets (single option)

<i>Description</i>	The 'Number of prints/sets' option allows you to define the default number of prints for each job in the printer memory.
<i>Min/max values</i>	1 - 999
<i>Menu path</i>	Jobs - Print - Defaults - Number of prints/sets - <value> - Apply

Collate (single option)

<i>Description</i>	Specifies whether or not a number of originals should be processed together as a set. If set processing is off, sorting is always done by page and every original will be presented as a job. If set processing is on, sorting is done by page and all originals will belong to the same job until the set is closed, or sorting is done by set.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Collate - <value> - Apply

Default print mode (single option)

<i>Description</i>	With the print mode the printer Image Logic can be set in a mode that matches the contents of the image. Setting the default print mode according to the main stream contents of the print jobs will improve the quality of printed images. The default print mode setting is used when the Image Logic is not able to automatically detect the appropriate print mode. Select 'Poster' for images with dominating of gray areas. Select 'Lines/Text' for scanned images. Select 'Standard' otherwise.
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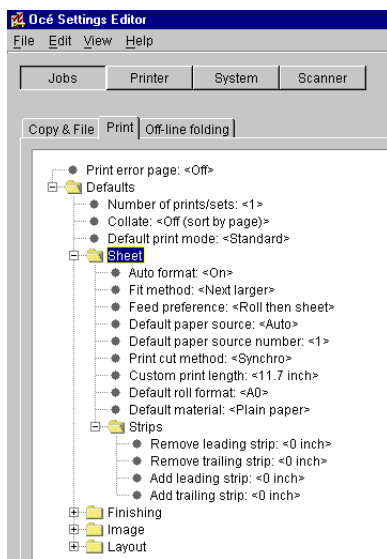
Min/max values N/A

Menu path Jobs - Print - Defaults - Default print mode - <value> - Apply

Sheet (group)

The Sheet group contains the following options (see figure 80):

- Auto format
- Fit method
- Feed preference
- Default paper source
- Default paper source number
- Print cut method
- Custom print length
- Add leading strip
- Remove leading strip
- Remove trailing strip
- Add trailing strip
- Default roll format



[80] 'Sheet' folder for 'Print'

Auto format

Description

The 'Auto format' option allows you to specify that the selected media size should be based on the size of your original.

Note:

Only sizes present in the specified paper series will be considered for use with the auto format function, unless nothing appropriate can be selected. In the latter case, the best fitting format in the specified paper series will be proposed.

Min/max values

N/A

Menu path

Jobs - Print - Defaults - Sheet - Auto format - <value> - Apply

Fit method

Description

The 'Fit method' option allows you to define on which media size an original will be printed if the specified media size is not available.

The following buttons are available:

- **Exact fit:** The original will only be printed if the specified media size is available.
- **Next smaller:** If the specified media size is not available, the original will be printed on the next smaller size.
- **Exact fit:** The 9600 will choose the best possible fit method.

Min/max values

N/A

Menu path

Jobs - Print - Defaults - Sheet - Fit method - <value> - Apply

Feed preference

Description

The 'Feed preference' option allows you to define which media type is to take preference when the Automatic media selection option is active:

- Sheet then roll
- Roll then sheet

Min/max values

N/A

Menu path

Jobs - Print - Defaults - Sheet - Feed preference - <value> - Apply

Default paper source

<i>Description</i>	The 'Default paper source' option allows you to define the default paper source. Whether a roll or a cassette tray is selected as default media source, is determined by the specified feed preference. Available default paper sources: <ul style="list-style-type: none">- Roll- Cassette tray- Manual feed- Auto
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Default paper source - <value> - Apply

Default paper source number

<i>Description</i>	Use 'Default paper source number', to define the default paper source.
<i>Min/max values</i>	1 - 2
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Default paper source number - <value> - Apply

Print cut method

<i>Description</i>	The Océ 9600 determines the length and width of each digital image. The 'Print cut method' option allows you to select one of the following default cut methods: Standard: The print length corresponds to a standard format, depending on the media width. Synchro: The print length is related to the length of the image. This is the factory default value. The minimum print length is 279 mm. Custom: The print length is defined by the user. The minimum length is 279 mm. The default value is specified with the 'Cut length' option.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Print cut method - <value> - Apply

Custom print length

<i>Description</i>	<p>The 'Default paper source number' option allows you to determine the value on the Océ 9600 you can define a specific cut length.</p> <p>The specified cut length is used when the 'Custom' cut method is selected. If custom cut is enabled, the copy media length will only depend on this setting, thus any other influence is excluded.</p> <p>The minimum cut length is 279 mm.</p>
<i>Min/max values</i>	11 – 590.55 in
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Custom print length - <value> - Apply

Default roll format

<i>Description</i>	<p>Use 'Default roll format', to define the default media size for your print jobs.</p> <p>The default is A0.</p> <p>The following sizes are available:</p> <p>A0 to A4 (DIN range)</p> <p>36 inch (E+)</p> <p>ISO B1</p> <p>ISO B2</p> <p>Note: 'Default roll format' works only, when 'Auto format' Off is selected in the Media section.</p>
<i>Min/max values</i>	11 – 590.55 in
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Default roll format - <value> - Apply

Default material

<i>Description</i>	Default material to use for incoming print jobs.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Default paper material - <value> - Apply

Add leading / trailing strip

<i>Description</i>	<p>Use the add leading or trailing strip settings to add a blank strip at the top or bottom of the image and make this the default setting. The print length will increase accordingly.</p> <p>‘Add leading strip’ will add a blank strip at the top of the image.</p> <p>‘Add trailing strip’ will remove a blank strip at the bottom of the image.</p> <p>You can remove up to 400 mm or 16 inches in increments of 1 mm.</p> <p>Note: Add leading or trailing strips will always work, unless you try to remove the entire plot.</p>
<i>Min/max values</i>	0 - 16 inches
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Strip - Add leading / trailing strip - <value> - Apply

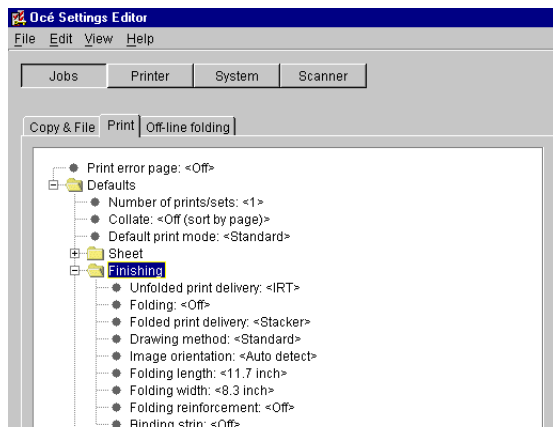
Remove leading / trailing strip

<i>Description</i>	<p>Use the ‘remove leading or trailing strip’ settings to set the removal of a blank strip at the top or bottom of the image as default. The print length will decrease accordingly.</p> <p>‘Remove leading strip’ will remove a blank strip at the top of the image.</p> <p>‘Remove trailing strip’ will remove a blank strip at the bottom of the image.</p> <p>You can remove up to 400 mm or 16 inches in increments of 1 mm.</p> <p>Note: Remove leading or trailing strips will always work, unless you try to remove the entire plot.</p>
<i>Min/max values</i>	0 - 16 inches
<i>Menu path</i>	Jobs - Print - Defaults - Sheet - Strip - Add leading / trailing strip - <value> - Apply

Finishing (group)

The finishing group contains the following options (see figure 81):

- Folding
- Drawing method
- Image orientation
- Folding length
- Folding width
- Binding strip



[81] Printer-related finishing options

Folding

<i>Description</i>	To determine if the job will be folded by default.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Finishing - Folding - <value> - Apply

Drawing method

<i>Description</i>	To define the standard folding method.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Finishing - Drawing - <value> - Apply

Image orientation

<i>Description</i>	To specify the image orientation for folding. Choose between Portrait, Landscape or Auto detect.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Finishing - Image orientation - <value> - Apply

Folding length

<i>Description</i>	Determines the folding length
<i>Min/max values</i>	276 - 310
<i>Menu path</i>	Jobs - Print - Defaults - Finishing - Folding length - <value> - Apply

Folding width

<i>Description</i>	Determines the folding width
<i>Min/max values</i>	7 - 9 inches
<i>Menu path</i>	Jobs - Print - Defaults - Finishing - Folding width - <value> - Apply

Binding strips

<i>Description</i>	Determines the width of the binding strip
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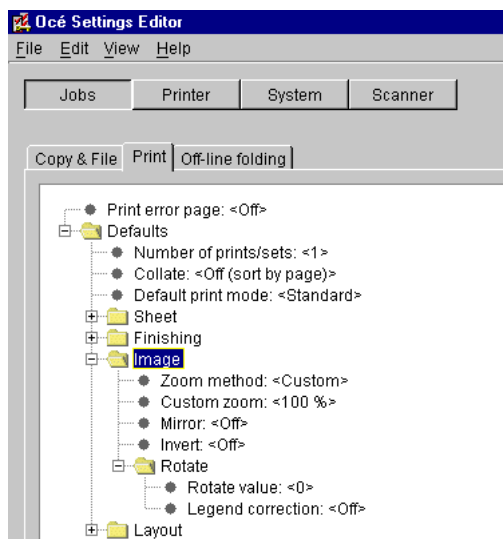
Min/max values .5 – 1 inch

Menu path Jobs - Print - Defaults - Finishing - Binding strips - <value>
- Apply

Image (group)

The Sheet group contains the following options (see figure 82):

- Zoom method
- Custom zoom
- Mirror
- Invert
- Rotate value
- Legend correction



[82] 'Image' folder for 'Print'

Zoom method

<i>Description</i>	If you select the 'Auto zoom' option, a zoom ratio will automatically be calculated, based on the original size and the receiving copy media size.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Image - Zoom method - <value> - Apply

Custom zoom

<i>Description</i>	Specifies the zoom value when zoom method is set to custom.
<i>Min/max values</i>	25 - 400 %
<i>Menu path</i>	Jobs - Print - Defaults - Image - Custom zoom - <value> - Apply

Mirror

<i>Description</i>	You can use the 'Mirror' option to print a horizontally mirrored image of an original. Mirroring is performed in the vertical axis.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Image - Mirror - <value> - Apply

Invert

<i>Description</i>	Use 'Invert', to print digital originals in reverse image. This means that black text on a white background will be printed as white text on a black background.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Jobs - Print - Defaults - Image - Invert - <value> - Apply

Rotate

Description

The 'Rotate value' option allows you to set the default rotation applied to the print.

The following values are available:

0 - 90 - 180 - 270 degrees

Auto rotate

Note: Use 'Auto rotate', to make the Océ 9600 choose a rotation automatically. When this setting is activated, the image will rotate to the best fitting media format.

The following values are available:

Auto rotate productive if possible: the orientation is changed to landscape to allow for faster printing (paper movement through the machine will be reduced).

Auto rotate folding if possible: the orientation is changed to portrait to facilitate folding.

Auto rotate portrait: The orientation is changed to portrait.

Auto rotate landscape: The orientation is changed to landscape.

Note:

Rotation is possible for both vector and raster files (1-bit).

Min/max values

N/A

Menu path

Jobs - Print - Defaults - Image - Rotate - Rotate value - <value> - Apply

Legend correction

Description

The 'Rotate value' option allows you to set the default rotation applied to the print.

The following values are available:

0 - 90 - 180 - 270 degrees

Auto rotate

Note: Use 'Auto rotate', to make the Océ 9600 choose a rotation automatically. When this setting is activated, the image will rotate to the best fitting media format.

The following values are available:

Auto rotate productive if possible: the orientation is changed to landscape to allow for faster printing (paper movement through the machine will be reduced).

Auto rotate folding if possible: the orientation is changed to portrait to facilitate folding.

Auto rotate portrait: The orientation is changed to portrait.

Auto rotate landscape: The orientation is changed to landscape.

Note:

Rotation is possible for both vector and raster files (1-bit).

Min/max values

N/A

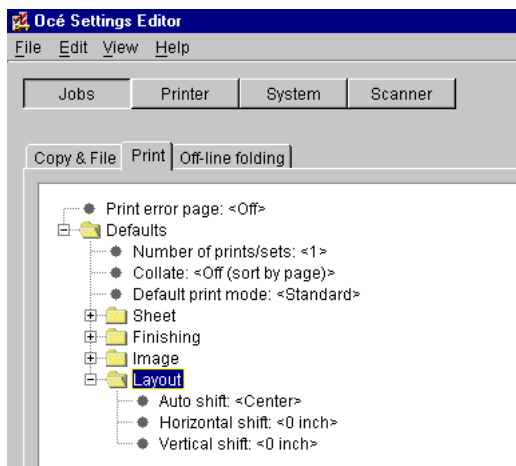
Menu path

Jobs - Print - Defaults - Image - Rotate - Legend correction - <value> - Apply

Layout (group)

The Layout group contains the following options (see figure 83):

- Auto shift
- Horizontal shift
- Vertical shift



[83] 'Layout' folder for 'Print'

Auto shift

Description

The Auto shift function enables you to automatically align the image to one corner, to one side, or to the center of the page. The following buttons are available:

- Left up
- Up
- Right up
- Left
- Center
- Right
- Left down
- Down
- Right down

Min/max values

N/A

Menu path

Jobs - Print - Defaults - Layout - Auto shift - <value> - Apply

Horizontal / Vertical shift

Description

The print margin may be too small to accommodate, for instance, filing strips without loss of information. To avoid this, shift the image in horizontal and/or vertical direction. Image shift can be used in combination with the align function.

Min/max values

N/A

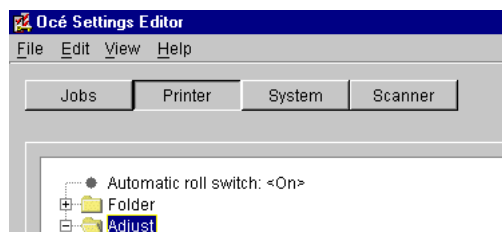
Menu path

Jobs - Print - Defaults - Layout - Horizontal / Vertical shift - <value> - Apply

Printer-related settings

There are two printer-related settings for a key operator (see figure 84):

- Automatic roll switch
- Block number with correct light intensity



[84] Printer related settings

Automatic roll switch

Description

When you enable 'Automatic roll switch', the Océ 9600 switches to another roll or cassette tray (depending on the specified feed preference) with the same material type and size, as soon as a roll or cassette tray is empty.

If 'Set next larger fit' is active, a larger size of material will be used for printing. Only when all corresponding rolls or cassette trays are empty, will you have to refill media.

Note:

The Océ 9600 will not switch to a roll or cassette tray which is specially configured.

Min/max values

N/A

Menu path

Printer - Automatic roll switch - <value> - Apply

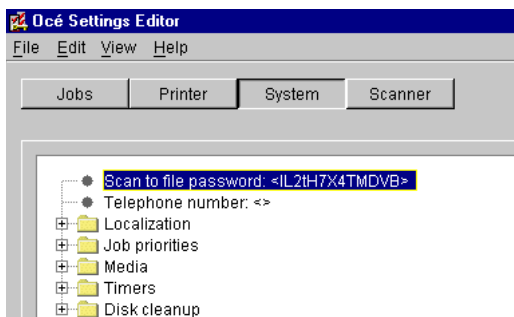
Block number with correct light intensity

<i>Description</i>	<p>As the printer drum gets older, the print quality might slightly deteriorate (printouts get lighter).</p> <p>To avoid this and to guarantee the best possible print quality, you may use the 'Block number with correct light intensity' option to adjust the light intensity of the print head.</p>
<i>Min/max values</i>	1 - 20
<i>Menu path</i>	Printer - Adjust - Block number with correct light intensity - <value> - Apply

System related settings

There are two single system-related settings and five groups of settings for a key operator (see figure 85):

- Scan-to-file password (single)
- Telephone number (single)
- Localization (group)
- Job priorities (group)
- Media (group)
- Timers (group)
- Disk cleanup (group)



[85] System-related settings for a key operator

Single options

Scan-to-file password (single)

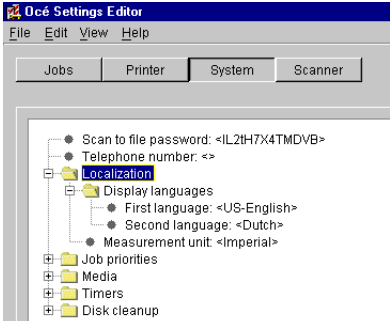
<i>Description</i>	Scan-to-file is an optional module. To activate this option, a password is required. Call your local dealer for this password. After you have entered the password, you can use Scan-to-file.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Scan-to-file - <value> - Apply

Telephone number

<i>Description</i>	Use 'Telephone number', to display a telephone number, when a permanent error occurs. This can be the number of the key operator but also that of the local service organization.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Telephone number - <value> - Apply

Localization (group)

Under localization, you can change the display languages and the measurement unit (see figure 86).



[86] Localization settings for key operators

First language

<i>Description</i>	Use the 'First language' option, to specify the first (default) language to be used at the operating panels (printer and scanner) on your Océ 9600, for providing information to the users. All settings (also on the system) will be presented in the specified language.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Localization - Display languages - First language - <value> - Apply

Second language

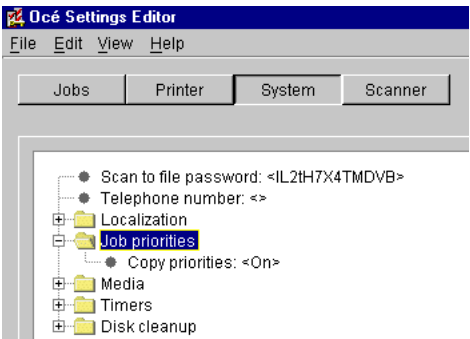
<i>Description</i>	Use the 'Second language' option to specify the second (alternative) language to be used at the operating panels (printer and scanner) of your Océ 9600, for providing information to the users. Users can choose between the first and second languages by changing the language at the printer operating panel. For this option, the same languages are available as for the first language.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Localization - Display languages - Second language - <value> - Apply

Unit of measurement

<i>Description</i>	Use the 'Measurement unit' option, to specify the preferred unit of measurement for your Océ 9600: metric or inches. The selected unit of measurement will be used throughout the system. Note: After the unit of measurement has been changed, all the settings will be recalculated.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Localization – Unit of measurement - <value> - Apply

Job priorities (group)

In this group there is one setting: Copy priorities (see figure 87).



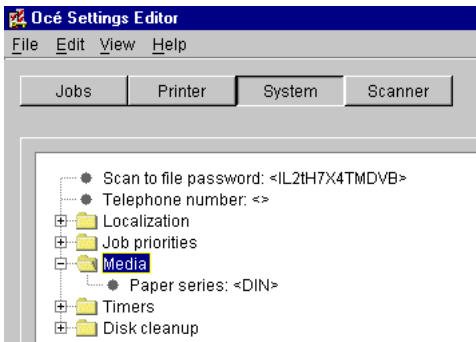
[87] Job priorities settings for key operators.

Copy priorities

Description	When you activate 'Copy priorities', the copy job will be placed right behind the active job. When you deactivate the option, the job will be placed at the end of the print queue.
Min/max values	N/A
Menu path	System - Job priorities - Copy priorities - <value> - Apply

Media (group)

The Media group contains one setting: Paper series (see figure 88).



[88] Media settings for key operators

Paper series

Description

Use 'Paper series', to specify which paper range is to be used as the default on your Océ 9600.

When the user sets a new media size on the printer operating panel, only the sizes in the selected paper series are available. If 'Auto format' is enabled, the 'Paper Series' setting determines which sizes will be used (only those present in the paper series).

Choose from the following paper series:

DIN

DIN carto

Only 8.5 inch range

Mixed 8.5 inch and 9 inch range

Min/max values

N/A

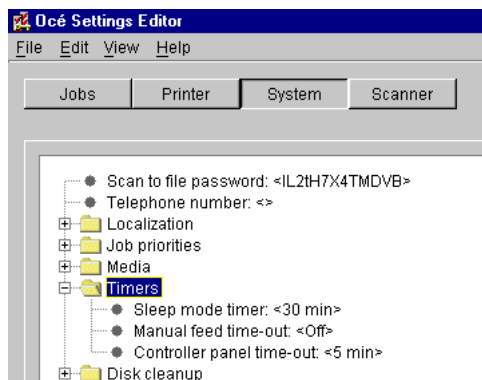
Menu path

System - Media - Paper series - <value> - Apply

Timers (group)

The Timers group allows you to adjust the following settings (see figure 89):

- Sleep mode timer
- Manual feed time out
- Controller panel time out



[89] Timers settings for key operators.

Sleep mode timer

<i>Description</i>	Use 'Sleep mode timer', to specify how many minutes of inactivity are required before the Océ 9600 switches to Sleep mode. In Sleep mode, most of the power supply is cut off. Note: The sleep mode time out also applies to the scanner and the folder, but NOT to the controller.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Timers - Sleep mode timer - <value> - Apply

Manual feed time out

<i>Description</i>	Use 'Manual feed time-out', to define the manual feed time-out in. This is done in terms of seconds. This time-out is the amount of delay time that must pass before jobs will get the 'not ready to print' status (e.g. when the sheet is not being fed).
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Timers - Manual feed time out - <value> - Apply

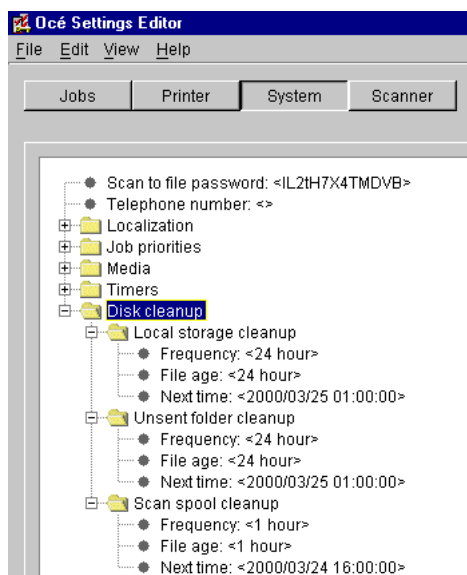
Controller panel time out

<i>Description</i>	Use 'Panel time-out', to set the panel time-out for the scanner panel. When no settings are being selected and no original is being scanned, the panel will switch to the default settings after this time out has elapsed. By default, this setting is 'ON'. The default panel time-out is 90 sec.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Timers - Controller panel time out - <value> - Apply

Disk clean up (group)

Use disk clean up to clean the disk in regular intervals. Clean up can be done automatically or manually. Three directories can be cleaned (see figure 90):

- Temporary store folder
- Unsent folder
- Scan spool folder



[90] Disk clear up settings for key operators

Frequency

<i>Description</i>	Frequency: the folder will be cleaned at the preset time.
<i>Min/max values</i>	0 - 850 h
<i>Menu path</i>	System - Disk cleanup - Local storages / Unsent folder / Scan spool cleanup - Frequency - <value> - Apply

File age

<i>Description</i>	File age: files older than the specified time and date will be deleted.
<i>Min/max values</i>	0 - 850 h
<i>Menu path</i>	System - Disk cleanup - Local storages / Unsent folder / Scan spool cleanup - File age - <value> - Apply

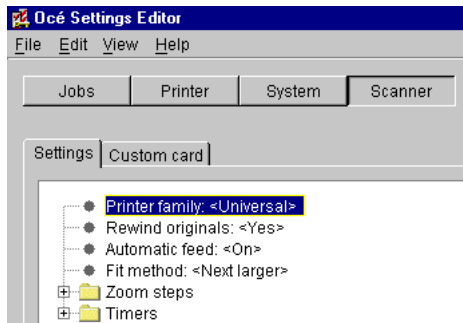
Next time

<i>Description</i>	Next time: the next cleanup action will be at the preset time. After completion of the clean up action, this setting is updated according to the frequency setting.
<i>Min/max values</i>	N/A
<i>Menu path</i>	System - Disk cleanup - Local storages / Unsent folder / Scan spool cleanup - Next time - <value> - Apply

Scanner related settings

There are four single scanner-related settings and two groups of settings for a key operator (see figure 91):

- Printer family (single)
- Rewind originals (single)
- Automatic feed (single)
- Fit method (single)
- Zoom steps (group)
- Timers (group)



[91] Scanner-related settings for a key operator

Single options

Printer family

Description During scan-to-file, the image can be optimized for a specified range of printers. When reprinting a scanned file, the output quality will be best on a printer from the specified family. A 'Universal' printer does not optimize for one range of printers, but gives an image that will print about equally well on all types of printers.

Min/max values N/A

Menu path Scanner - Settings - Printer family - <value> - Apply

Rewind originals

Description Use 'Rewind originals', to have the Océ 9600 rewind the originals after they have been scanned.
You can then take the scanned original from the front of the scanner.

Min/max values N/A

Menu path Scanner - Settings - Rewind originals - <value> - Apply

Automatic feed

Description If you enable the 'Automatic feed time out' option, you only have to use the start key once at the beginning of the scan job. If this option is disabled, you will have to press the start key for every original in order to start scanning or copying.
Note: If the start button has to be used to start the scanning, a message will appear.

Min/max values N/A

Menu path Scanner - Settings - Automatic feed - <value> - Apply

Fit method

Description

Use 'Fit method', to indicate on which media size an original will be printed if the specified media size is not available.

The following options are available:

Exact fit: the document will only be printed if the specified media size is available.

Next larger: if the specified media size is not available, the document will be printed on the next larger size.

Next smaller: if the specified media size is not available, the document will be printed on the next smaller size.

Best fit: the Océ 9600 will choose the best possible fit method. If the specified media size is not available, larger sizes will have preference above smaller sizes.

Min/max values

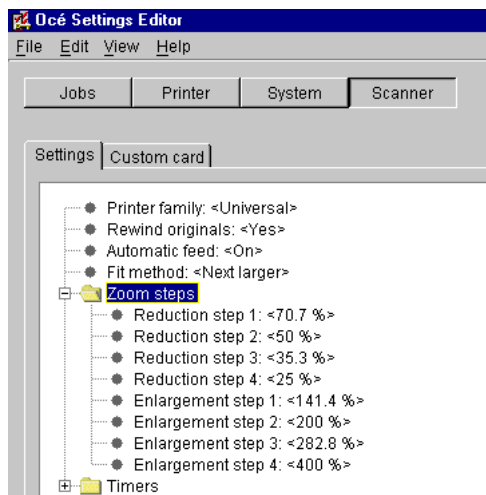
N/A

Menu path

Scanner - Settings - Fit method - <value> - Apply

Zoom steps (group)

The Key-Operator can change the 8 zoom steps in the range from 25.0 % - 400.0% in increments of 0.1%. There are 4 zoom steps to reduce and 4 zoom steps to enlarge (see figure 92). The 100.0 % zoom step cannot be changed.



[92] Zoom steps for key operators

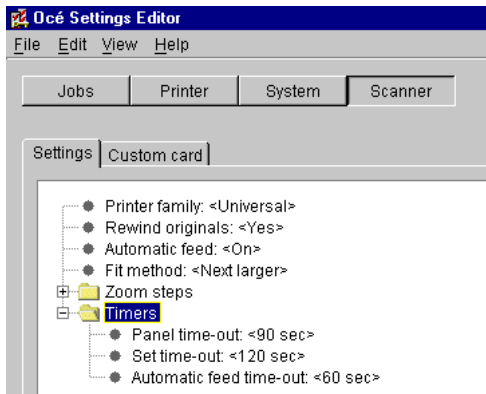
The defaults for the 8 zoom steps are:

- Reduction step 1: 70.7 %
- Reduction step 2: 50 %
- Reduction step 3: 35.5 %
- Reduction step 4: 25 %
- Enlargement step 1: 141.4 %
- Enlargement step 2: 200 %
- Enlargement step 3: 282.8 %
- Enlargement step 4: 400 %

Timers (group)

There are three scanner-related timer settings a key operator can change (see figure 93):

- Panel time out
- Set time out
- Automatic feed time out



[93] Scanner related Timer settings for key operators

Panel time out

<i>Description</i>	The 'Panel time out' option allows you to set the panel time out of the scanner panel. When no settings are being made and no original is being scanned the panel will switch to default settings after this time out has elapsed.
<i>Min/max values</i>	30 - 600 seconds
<i>Menu path</i>	Scanner - Settings - Timers - Panel time-out - <value> - Apply

Set time out

<i>Description</i>	The 'Set time-out' option allows you specify how much time must elapse before the set on the scanner is automatically closed if no new original is fed and the set is not closed with the start key.
<i>Min/max values</i>	10 - 600 seconds
<i>Menu path</i>	Scanner - Settings - Timers - Panel time-out - <value> - Apply

Automatic feed time out

<i>Description</i>	<p>If you enable the 'Automatic feed time out' option, you only have to use the start key once at the beginning of the scan job.</p> <p>If this option is disabled, you will have to press the start key for every original in order to start scanning or copying.</p>
<i>Min/max values</i>	15 - 600 seconds
<i>Menu path</i>	Scanner - Settings - Timers - Automatic feed time out - <value> - Apply

Chapter 11

System administrator settings

This chapter describes how to make System Administrator settings on the Océ 9600 Settings Editor.



Introduction

The Océ 9600 system administrator is responsible for:

- Dithering matrix and Poker settings
- Printer language controller settings
- Pen settings
- Automatic Language Selection (ALS) settings
- Controller identification settings
- Set memory reservation settings
- Connectivity settings.

To modify the system administrator settings, you have to access the SA settings in the Settings Editor.

This chapter will inform you about accessing the Settings Editor and how to define system administrator settings.

System Administrator settings

In order to perform special system administrator functions, you must log on to the Settings Editor as a system administrator (see 'User modes' on page 121).

Note: *When you are finished, make certain you log out of the System administrator mode of the Settings Editor to prevent unauthorized use of the Océ 9600.*



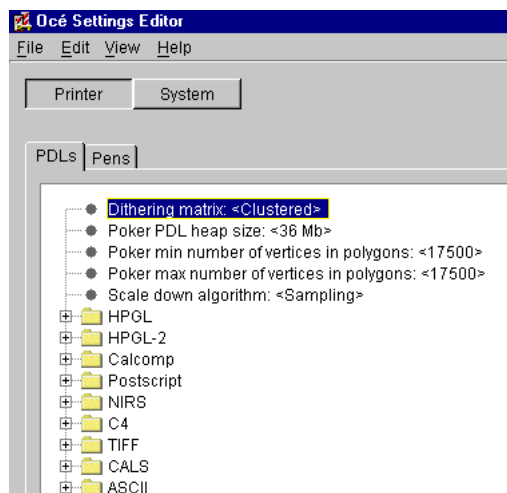
Choose system administrator settings in the Settings Editor

- 1 Maximize the Settings Editor on the screen.
- 2 Log in as system administrator.
See 'User modes' on page 121 for more information about logging into the Settings Editor.
- 3 Click on one of the top buttons to display the desired group of settings.
- 4 Select the setting you want to update in the tree structure.
- 5 Update the setting in the update area, as required.
Note: *A few settings, such as the default pen settings, are made directly from the tree structure area.*
- 6 Click on the 'Apply' button.
The new value is now applied for the setting
- 7 Log out of the System administrator mode when you are finished updating settings.

See 'Settings Editor' on page 132 for more information about the Settings Editor.

There are two types of system administrator settings (see figure 94):

- Printer
- System



[94] System administrator settings in the Settings editor

Printer related settings

The PDLs tab contains 5 single options and 9 groups of settings:

- Dithering matrix (single option)
- Poker PDL heap size (single option)
- Poker min number of vertices in polygons (single option)
- Poker max number of vertices in polygons (single option)
- Scale down algorithm (single option)
- HPGL (group)
- HPGL-2 (group)
- Calcomp (group)
- Postscript (group)
- NIRS (group)
- C4 (group)
- TIFF (group)
- CALS (group)
- ASCII (group)

Dithering matrix

<i>Description</i>	The 'Dithering matrix' option allows you to select the dithering matrix for improving the print quality. You can choose between: <ul style="list-style-type: none">- Clustered In general, this option can be used for vector files with sharp lines <ul style="list-style-type: none">- Stochastic Use this option in case of raster files.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Printer - PDLs - Dithering matrix - <value> - Apply

Poker PDL heap size

<i>Description</i>	This setting allows you to increase the PDL heap size if the system is unable to perform transformations (due to large polygons). However, a higher heap size may result in performance degradation.
<i>Min/max values</i>	16 - 256 Mb
<i>Menu path</i>	Printer - PDLs - Poker PDL heap size - <value> - Apply

Poker min number of vertices in polygons

<i>Description</i>	This setting specifies the minimum number of vertical polygons that can be correctly handled by the printer.
<i>Min/max values</i>	1024 - 35000
<i>Menu path</i>	Printer - PDLs - Poker min number of vertices in polygons - <value> - Apply

Note: *The minimum and maximum number should be the same.*

Poker max number of vertices in polygons

<i>Description</i>	This setting specifies the maximum number of vertical polygons that can be correctly handled by the printer. If you select a very high value, a great deal of memory will be used and performance degradation may occur.
<i>Min/max values</i>	1024 - 35000
<i>Menu path</i>	Printer - PDLs - Poker max number of vertices in polygons - <value> - Apply

Note: *The minimum and maximum number should be the same*

Scale down algorithm

<i>Description</i>	Use 'Scale down algorithm', to scale down a bitmap. If you use 'Sampling', all information will be sized down. This means that you may lose thin lines. If you use 'Black pixel conservation' to scale down the bitmap, all information will be kept.
<i>Min/max values</i>	N/A
<i>Menu path</i>	Printer - PDLs - Scale down algorithm - <value> - Apply

Printer Descriptive Language settings (groups)

The Printer menu in the SA settings of the Settings Editor allows you to define specific settings for the available printer languages and to change pen settings for the supported vector languages.

The Océ 9600 accepts print files in various data formats (languages). These include HP-GL, HP-GL/2, Calcomp, Postscript level 2, NIRS, C4, TIFF, CALS and ASCII. You can change the settings for HP-GL, HP-GL/2, Calcomp and ASCII. The other available languages can only be enabled or disabled.

On the Océ 9600, a number of settings are available which allow the system administrator to specify, by connection type, which printer languages are accepted for automatic data format recognition and which language is forced. These settings are called ALS (Automatic Language Sensing) settings.

If ALS is enabled, the Océ 9600 automatically recognizes the host data language and adapts the printer to support all the parameters required for printing data from the host.

Automatic data format recognition enables the Océ 9600 to switch between files with different formats when working in a multi-format environment, where different printer drivers are being used.

The following language formats are supported on the Océ 9600:

- HPGL
- HPGL2
- CALCOMP
- Postscript
- NIRS
- C4
- TIFF
- CALS
- ASCII

The ASCII language is not automatically recognizable, but must be forced when plots are to be printed in ASCII format (e.g. for printing listings). VDF and BGL are not available on the Océ 9600.

C4, or CALS type 4, was previously called EDMICS. NIRS is also called CALS type 3. CALS type 2 is recognized, but not interpreted (only CALS1 is supported).

Note: *When using automatic data format recognition, it is important that every print file begins with start of plot instructions and ends with end of plot instructions.*

Automatic language sensing When you are using automatic data format recognition, it is advisable to:

- Implement the same defaults for all connection types
- Select the 'Automatic' option as your 'PDL selection' setting for the appropriate connection type
- Set all languages supported on the Océ 9600 to 'Enabled'.

Any other approach is only appropriate for system administrators who need to tune or organize the use of their system to specific organizational requirements.

Note: *If your plot is not recognized correctly, define the data format in a remote control file or an Océ Job Ticket and then send the plot again. In that case, the selected option only applies to this job.*

You can also select the appropriate data format manually on the Settings Editor panel and then resend the plot. However, this setting will remain active for all incoming prints on that connection. This means that you will need to reset machine default settings to Automatic in order to return to your “normal” working mode.

For further information on remote control, refer to the Remote Control File Reference Manual or the Océ Job Ticket Reference Manual.



Enable Automatic Language Sensing (ALS)

- 1** Click on the ‘System’ button.
The System settings are displayed
- 2** Click on the ‘Connectivity’ folder.
A list of available connection types is displayed.
- 3** Click on the folder for the appropriate connection type.
- 4** Select the ‘PDL selection’ option.
- 5** Select ‘Automatic’ (the default value) to activate Automatic Language Sensing
- 6** Click on the ‘Apply’ button to save the changes you made.

Note: *The following default settings can be overruled by settings that are sent along with the print or copy job:*

HPGL

<i>Setting</i>	<i>Description</i>
<i>Enable</i>	The 'Enable' option allows you to enable or disable HPGL.
<i>HPGL</i>	Should problems arise with HPGL, the HPGL PDL can be disabled by selecting the 'Disabled' option.
<i>Origin</i>	Use the 'Origin' option to define the HPGL origin settings of the plot.
<i>Select pen 0</i>	If you enable the 'Select pen 0' option, the selection of pen 0 will be interpreted as end of file (EOF). If the option is disabled, pen 0 will behave like a default HPGL pen.
<i>Color merge control</i>	Use the 'Color merge control' option to determine what should happen when two or more colors intersect at the same point on a plot, especially at the intersection of vectors or 'filled' polygons. If the color merge control is set to off, the color of the last vector or area fill overwrites the colors specified at the same crossing area. White areas are considered opaque. If set to 'on', all colors are blended together (merged) at the intersection of vectors and polygons.
<i>Pen width scaling</i>	To enable or disable the pen width scaling. If enabled: scaling an image will scale the pen width correspondingly.

HPGL-2

<i>Setting</i>	<i>Description</i>
<i>Enable</i>	The 'Enable' option allows you to enable or disable HPGL-2. In case of problems with HPGL-2, the HPGL-2 PDL can be disabled by selecting the 'Disabled' option
<i>HPGL-2</i>	
<i>Origin</i>	Use the 'Origin' option to define the HPGL-2 origin settings of the plot.
<i>Select pen 0</i>	If you enable the 'Select pen 0' option, the selection of pen 0 will be interpreted as end of file (EOF). If the option is disabled, pen 0 will behave like a default HPGL-2 pen.
<i>Color merge control</i>	Use the 'Color merge control' option to determine what should happen when two or more colors intersect at the same point on a plot, especially at the intersection of vectors or 'filled' polygons. If the Color merge control is set to off, the Color of the last vector or area fill overwrites the colors specified at the same crossing area. White areas are considered opaque. If set to 'on', all colors are blended together (merged) at the intersection of vectors and polygons.

HPGL-2

Pen priority

Pen parameters can be defined in two ways:

- In the plot data file
- In the Remote Configuration File (RCF) or Océ Job Ticket (OJT)

If pen priority is set to 'Language', the pen parameters defined in the plot data file will be used. If pen priority is set to 'Setup', the pen parameters defined in the configuration file or the job ticket received with the plot will be used.

PS no clip

If 'PS no clip' is set to 'On' and the plot defines a Page Size (PS) value of WxH (Width and Height), the PS is not taken into account. In that case, the plot may be bigger or smaller than the PS.

Emulation type

You can use the 'Emulation type' option to determine the type of printer you want to emulate: HP650C or HP750C. The default emulation type is HP650C, which is compatible with older machines. Differences occur in the default pen palette and the default number of pens. If HP750C is selected, the default palette is a gray level palette and compatible with HP750C.

Line attributes

If the 'HP default' value is set, the Line Attributes instruction is fully emulated. All types of lines ends/joins allowed by the Line attributes specifications will be therefore printed according to these specifications. For backward compatibility reasons, the interpretation of this instruction can be disabled ('Océ Round value'). In that case, the lines of the plot will be processed as rounded and without join.

Pen width scaling

To enable or disable the pen width scaling.

If enabled: scaling an image will scale the pen width correspondingly.

Calcomp

<i>Setting</i>	<i>Description</i>
<i>Enable</i>	The 'Enable' option allows you to enable or disable Calcomp. In case of problems with Calcomp, the Calcomp PDL can be disabled by selecting the 'Disabled' option.
<i>Calcomp</i>	
<i>Step size</i>	The 'Step size' option allows you to define the number of steps per inch. Note: This setting should correspond with the resolution of the plot.
<i>Origin</i>	With the 'Origin' option you can define the Calcomp origin settings of the plot.
<i>Synchro code</i>	You can use the 'Synchro code' option to define the character code for the synchronization byte. This setting indicates the beginning of the plot data.
<i>Double synchro</i>	You can use the 'Double synchro' option to enable / disable the double sync mechanism.
<i>Checksum</i>	You can use the 'Checksum' option to enable / disable the checksum.
<i>End of message</i>	You can use the 'End of message' option to define the character code for the end-of-message byte. This will indicate the end of a data sequence.
<i>Pen priority</i>	<p>Pen parameters can be defined in two ways:</p> <ul style="list-style-type: none">- In the plot data file- In the Remote Configuration File (RCF) or Océ Job Ticket (OJT) <p>If pen priority is set to 'Language', the pen parameters defined in the plot data file will be used. If pen priority is set to 'Setup', the pen parameters defined in the configuration file or the job ticket received with the plot will be used.</p>
<i>Color merge control</i>	<p>Use the 'Color merge control' option to determine what should happen when two or more colors intersect at the same point on a plot, especially at the intersection of vectors or 'filled' polygons.</p> <p>If the color merge control is set to 'Off', the color of the last vector or area fill overwrites the colors specified at the same crossing area. White areas are considered opaque. If set to 'On', all colors are blended together (merged) at the intersection of vectors and polygons.</p>
<i>Pen width scaling</i>	<p>To enable or disable the pen width scaling.</p> <p>If enabled: scaling an image will scale the pen width correspondents.</p>

PostScript

<i>Setting</i>	<i>Description</i>
<i>PS level 2 password</i>	To activate PostScript level 2, you need a password. This password is coupled to the system serial number. Call your local dealer for this password. After you have entered the password, you can use the PostScript level 2.

NIRS

<i>Setting</i>	<i>Description</i>
<i>Enable NIRS</i>	The 'Enable' option allows you to enable or disable NIRS. Should problems with NIRS arise, the NIRS PDL can be disabled by selecting the 'Disabled' option.

C4

<i>Setting</i>	<i>Description</i>
<i>Enable C4</i>	The 'Enable' option allows you to enable or disable C4. Should problems with C4 arise, the C4 PDL can be disabled by selecting the 'Disabled' option.

TIFF

<i>Setting</i>	<i>Description</i>
<i>Enable TIFF</i>	The 'Enable' option allows you to enable or disable TIFF.
<i>Photometry</i>	<p>The 'Photometry' option allows you to define the photometry value for TIFF.</p> <p>You can choose from:</p> <ul style="list-style-type: none">- File control <p>The photometry info in the TIFF header will be used.</p> <p>- White is zero</p> <p>The photometry info in the TIFF header will be overruled.</p> <p>For example:</p> <p>When the plot is inverted in terms of background and you wish to correct that, this option can fix the problem and re-invert the plot (although it depends on the content of the plot)</p>

CALS

<i>Setting</i>	<i>Description</i>
<i>Enable</i>	The 'Enable' option allows you to enable or disable CALS.
<i>CALS</i>	Should problems with CALS arise, the CALS PDL can be disabled by selecting the 'Disabled' option.

ASCII

<i>Setting</i>	<i>Description</i>
<i>Enable</i>	The 'Enable' option allows you to enable or disable ASCII.
<i>ASCII</i>	Should problems with ASCII arise, the ASCII PDL can be disabled by selecting the 'Disabled' option.
<i>End of line</i>	The 'End of line' option allows you to define the type of line break used in the ASCII file: <ul style="list-style-type: none">- carriage return (CR) only- line feed (LF) only- carriage return and line feed (CR-LF).
<i>Line overflow</i>	The 'Line overflow' option allows you to define whether a line that extends beyond the right margin is wrapped onto the next line, or is truncated.
<i>Font size</i>	The 'Font size' option allows you to define the font size to use, in points (1 point=1/72 inch)
<i>Tab size</i>	The 'Tab size' option allows you to define the tab size to use.
<i>Top margin</i>	The 'Top margin' option allows you to define the top margin to keep above the text.
<i>Bottom margin</i>	The 'Bottom margin' option allows you to define the top margin to keep underneath the text. Top is related to input, not orientation of paper.
<i>Left margin</i>	The 'Left margin' option allows you to define the margin to keep to the left of the text.
<i>Right margin</i>	The 'Right margin' option allows you to define the margin to keep to the right of the text.
<i>Pen width</i>	The 'Pen width' option allows you to define the default line width of the text.
<i>Page type</i>	The 'Page type' option allows you to define the default page type for the logical image that contains the ASCII text. Possible values are: <ul style="list-style-type: none">- Standard- Custom
<i>Custom page width</i>	The 'Custom page width' option allows you to define the selected page width when 'Custom' has been selected as default page type.

ASCII

<i>Custom page height</i>	The 'Custom page height' option allows you to define the selected page height when 'Custom' has been selected as default page type.
<i>Standard page format</i>	The 'Standard page format' option allows you to define the default size of the formatted text when 'Standard' as file type is selected.
<i>Standard page orientation</i>	<p>The 'Standard page orientation' option allows you to define the direction of the ASCII text when 'Standard' is selected as file type.</p> <p>The following settings are available:</p> <ul style="list-style-type: none">- Portrait- Landscape
<i>Pen width scaling</i>	<p>To enable or disable the pen width scaling.</p> <p>If enabled: scaling an image will scale the pen width correspondents.</p>

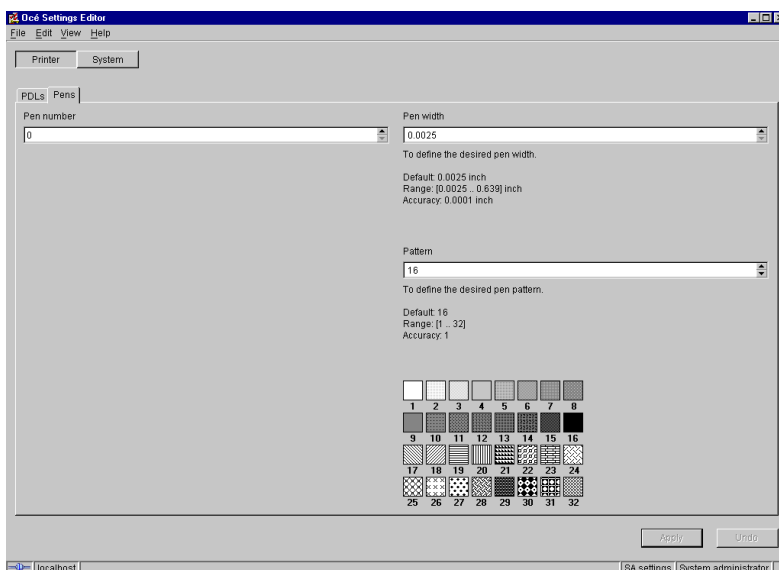


Specifying printer language settings

- 1 Click on the 'Printer' button.
The Printer settings are displayed.
- 2 Click on the 'PDLs' tab.
A list of available printer languages is displayed.
- 3 Click on the folder for the appropriate language and make the desired settings.
- 4 Click on the 'Apply' button to activate the changes.

Pen settings

When printing files, the pen settings can be changed on the 'Pens' tab of the 'Printer' menu. You can change the default width and pattern for each pen number. These settings apply to all vector languages: HP-GL, HP-GL/2 and CalComp.

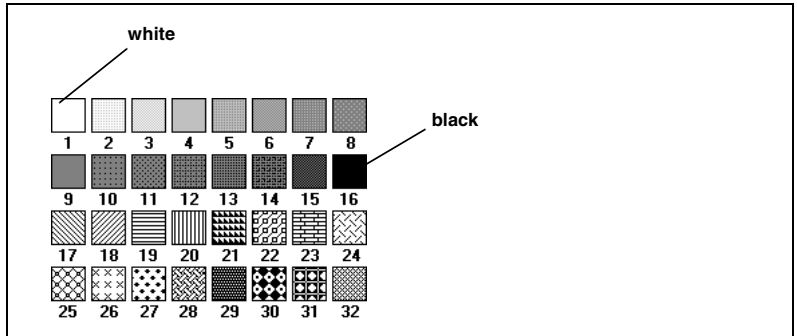


[95] Making pen settings

Pen width Pen width can be defined from 0.12 up to 16.25 mm. By default, all pen widths are set to 0.12 mm. Adjustment can be made in increments of 0.01 mm.

Pen pattern A pen can be selected by the plot file to draw a line or to fill a polygon. All lines or polygons on the plot can be drawn with a predefined pattern or shade of grey. Default is pen pattern 16 (black).

The following pen patterns are available:



[96] Available pen patterns



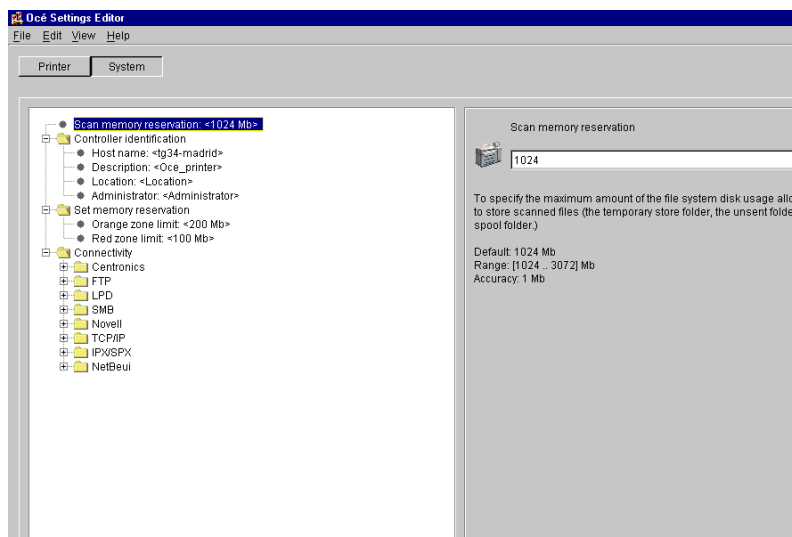
Define pen settings

- 1 Click on the 'Printer' button.
The Printer settings are displayed
- 2 Click on the 'Pens' tab.
The Pen settings are displayed (see figure 95).
- 3 Type a pen number in the 'Pen number' box or select a number with the selection arrows to the right of the box.
The 'Pen width' and 'Pattern' boxes now become active.
- 4 Specify a pen width by typing a value or selecting one with the selection arrows.
- 5 Specify a pen pattern by typing a number, selecting one with the selection arrows or clicking on one of the available patterns in the 'Pattern overview' box.
- 6 Click on the 'Apply' button to save the changes you made.

System related settings

The system related settings contains one single option and three groups of options (see figure 97):

- Scan memory reservation (single option)
- Controller identification (group)
- Set memory reservation (group)
- Connectivity (group)



[97] System related settings in the Settings Editor

Scan memory reservation

<i>Description</i>	To specify the maximum amount of the file system disk usage allowed for all folders to store scanned files, temporary store folder, unsent folder and the scan spool folder
<i>Min/max values</i>	1024 -3072 Mb
<i>Menu path</i>	System - Scan memory reservation - <value> - Apply

Controller identification settings (group)

Controller identification contains the following options:

- Host name
- Description
- Location
- Administrator

Host name

Description To specify the name with which the Océ 9600 will present itself on the TCP/IP network. To identify the controller, you have to enter the host name. Keep the following:

- use no more than 15 characters.
- choose characters from the following series: a-z; A-Z; 0-9.
- if you use a hyphen, put it somewhere in the middle of the name, not at the beginning nor at the end.

Min/max values N/A

Menu path System - Controller identification - Hostname - <value> - Apply

Description

Description To enter additional information about the system. It is not mandatory to fill in this field.

Min/max values N/A

Menu path System - Controller identification - Description - <value> - Apply

Location

Description To enter additional information about the system. It is not mandatory to fill in this field.

Min/max values N/A

Menu path System - Controller identification - Location - <value> - Apply

Administrator

Description To enter the name of the system administrator.

Min/max values N/A

Menu path System - Controller identification - Administrator - <value> - Apply

[98] Making system settings

Set memory reservation settings

The System Control Panel contains a set memory bar, which indicates how much set memory is still available. In the Settings Editor, you can define the threshold values for the orange and red zones (see figure 97 on page 208).

Orange zone limit

<i>Description</i>	To specify the orange limit in Megabytes. The orange zone is entered when the free space in the set memory becomes less than this limit.
<i>Min/max values</i>	100 -2048 Mb
<i>Menu path</i>	System - Set memory reservation - Orange zone limit - <value> - Apply

Orange zone limit

<i>Description</i>	To specify the red limit in Megabytes. The red zone is entered when the free space in the set memory becomes less than this limit. If the red zone is reached, write access to set memory is refused, until the starting point of the orange zone is reached.
<i>Min/max values</i>	50 -1024 Mb
<i>Menu path</i>	System - Set memory reservation - Red zone limit - <value> - Apply

Connectivity settings

The Océ 9600 supports a large number of different connection types, including:

- Centronics
- FTP
- LPD
- SMB
- Novell
- TCP/IP
- IPX/SPX
- NetBeui

The system administrator can configure the Océ 9600 for these different connection types with the help of the Settings Editor.



Making connectivity settings

- 1 Click on the 'System' button.
- 2 Open the 'Connectivity' folder.
- 3 Open the folder with the appropriate connection type.
- 4 Select any of the available options for the selected connection type.
- 5 Change the setting in the update area, as appropriate.
- 6 Click on the 'Apply' button to save any changes you have made.

See the Océ 9600 Connectivity Manual R 2.1 on the '*User Documentation and Remote Applications CD-ROM*', which is delivered with the system, for detailed information about making the Océ 9600 available in your particular network configuration.

Centronics

<i>Setting</i>	<i>Description</i>
<i>Enable Centronics</i>	To define if Centronics communication is enabled or disabled.
<i>Plot time-out</i>	To define the plot time-out on a Centronics connection. 1 - 1000 s
<i>Communication mode</i>	To define the communication mode for a Centronics connection. With 'Print while spool', the data will be spooled in chunks. With 'spool then print', the complete job will be spooled before printing starts.
<i>PDL selection</i>	To define the PDL enabled for a Centronics connection. The Automatic option enables Automatic Language Sensing.

FTP

<i>Setting</i>	<i>Description</i>
<i>Enable FTP</i>	To specify whether or not FTP communication is enabled or disabled.
<i>Time-out</i>	To define the plot time out on a FTP connection. 60 -900 s
<i>Communication mode</i>	To define the communication mode for an FTP connection. With 'Print while spool', the data will be spooled in chunks. With 'spool then print', the complete job will be spooled before printing starts.
<i>PDL selection</i>	To define the PDL activation for a FTP connection. The Automatic option enables Automatic Language Sensing.

LPD

<i>Setting</i>	<i>Description</i>
<i>Enable LPD</i>	To specify whether or not LPD communication is enabled or disabled.
<i>Communication mode</i>	To define the communication mode for an LPD connection. With 'Print while spool', the data will be spooled in chunks. With 'spool then print', the complete job will be spooled before printing starts.
<i>PDL selection</i>	To define the PDL activation for a LPD connection. The Automatic option enables Automatic Language Sensing.

SMB

<i>Setting</i>	<i>Description</i>
<i>Enable SMB</i>	To specify whether or not SMB communication is enabled or disabled.
<i>Workgroup name</i>	To specify the SMB workgroup name. A workgroup is a group of users sharing computer files and services for communication.
<i>Communication mode</i>	To define the communication mode for a SMB connection. With 'Print while spool', the data will be spooled in chunks. With 'spool then print', the complete job will be spooled before printing starts.
<i>PDL selection</i>	To activate the PDL for an SMB connection. The Automatic option enables Automatic Language Sensing.

Novell

<i>Setting</i>	<i>Description</i>
<i>Enable Novell</i>	To specify whether or not Novell communication is enabled or disabled.
<i>Pserver name</i>	To specify the Novell PSERVER name. The specified string should not be preceded by a period.
<i>Pserver password</i>	To specify the Novell PSERVER password.
<i>Access mode</i>	To define the Novell access mode.
<i>File server names</i>	To specify the names of the available Novell file servers. You can define multiple names, divided by a semi-colon.
<i>NDS context</i>	To specify the Novell Directory Services context of the Pserver that has been defined for the system.
<i>Queue poll interval</i>	To specify the Novell queue poll interval in terms of seconds. The system will check Pserver regularly for new jobs to be printed.
<i>Connection retry interval</i>	To define the interval for trying to re-establish a Novell connection.
<i>Communication mode</i>	To define the communication mode for a Novell connection. With 'Print while spool', the data will be spooled in chunks. With 'spool then print', the complete job will be spooled before printing starts.
<i>PDL selection</i>	To define the PDL enabled for a Novell connection. The Automatic option enables Automatic Language Sensing.

TCP/IP

<i>Setting</i>	<i>Description</i>
<i>Domain</i>	To specify the network domain name. The network domain name is the TCP/IP address of the domain server where the Océ 9600 controller is connected to.
<i>DNS</i>	To specify the DNS server. Use semicolons (;) to separate entries.
<i>Enable</i>	To specify whether or not the TCP/IP adapter is enabled or disabled, in order to allow TCP/IP communication.
<i>Enable DHCP</i>	To enable or disable the DHCP protocol, this allows network administrators to manage and automate the assignment of Internet Protocol. In order to make DHCP recognize your system, a fixed IP address has to be configured.
<i>IP address</i>	To specify the IP address for the server. A single adapter card can have more than one adapter on it, so it is possible to specify several IP addresses.
<i>IP mask</i>	To specify the IP subnet mask for the server. The subnet mask is a number that, when compared by the computer with a network address number, will block out all but the necessary information.
<i>Default gateway</i>	To specify the default gateway IP address. A gateway connects networks using different protocols so that information can be passed from one to the other. A gateway both transfers information and converts it to a form compatible with the protocols used by the receiving network.
<i>Primary WINS server</i>	Type the IP address for the primary WINS server. This uses Windows Internet Name Service (WINS) protocol in combination with name query broadcasts to resolve computer names to IP addresses.
<i>Secondary WINS server</i>	Type the IP address for the secondary WINS server. This uses Windows Internet Name Service (WINS) protocol in combination with name query broadcasts to resolve computer names to IP addresses.

IPX/SPX

<i>Setting</i>	<i>Description</i>
<i>Enable</i>	To specify whether or not the SPX adapter is enabled or disabled.

NetBeui*Setting**Description**Enable*

To specify whether or not the NetBeui adapter is enabled or disabled.

Chapter 12

Loading supplies

This chapter describes regular maintenance tasks, such as refilling paper and toner, and refilling the folder reinforcement unit.



Introduction

This chapter covers the important maintenance activities, such as:

- Loading rolls of print material
- Loading cut sheet material
- Adding toner
- Cleaning the glass platen and the scanner reference roller
- Refilling the folder reinforcement unit

Media

The Océ 9600 is available in many configurations, ranging from two rolls in a single drawer, four rolls in two drawers plus three cassette trays and a maximum of six rolls with one cassette tray.

Note: *Contact your Océ representative if you want to know more about the available configurations.*

Each of the rolls and cassette trays on the Océ 9600 may be loaded with print material of a different size or type. The size and type of the available media are indicated on the operating panel.

Note: *In case you have three cassette trays, no A4 size material and no A3 landscape material can be used in the bottom cassette trays. The minimum size of media in the third cassette tray is A2.*

Attention: *After loading new print material, you need to inform the system about the size of the material and of the type of print material that was loaded (paper, transparent, or polyester).*

The definition of the size and type of the new print material is required in order to:

- Enable the automatic media switch function to work correctly (see ‘Automatic roll switch’ on page 174)
- Prevent folding errors (when a folder is installed)
- Support autozoom and auto format functions.

Caution: *It is highly advisable to place heavy rolls (A0, A1, and 175 meter rolls of plain paper) in position 1 of the top drawer, position 3 of the middle drawer or position 5 of the bottom drawer, to minimize user strain. The diameter of rolls should not exceed 185 mm (6.5 inches).*

Rolls

When a roll is empty during a print job, a 'Roll empty' message is displayed at the printer operating panel and on the System Control Panel application. You then have to load a new roll of print material.

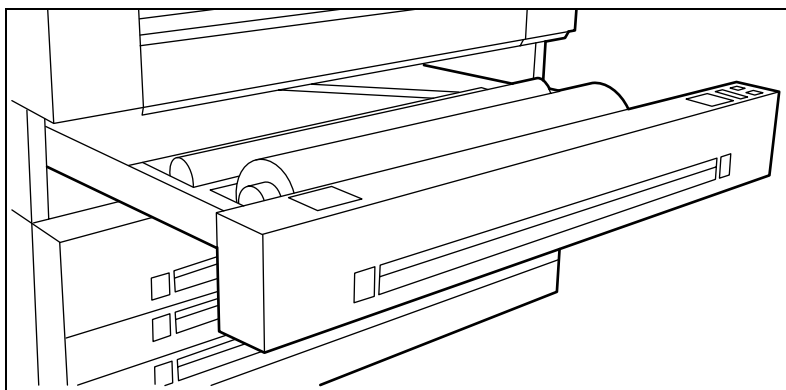
Note: *The following media are currently supported on the Océ 9600:*

- Plain paper (Red label plus) 20 lb. bond
- Plain paper (Red label) 6 lb. bond
- Transparent paper 4.5-5 lb. bond
- Polyester film (CPRF) 3.5mil
- Polyester film 4.5mil
- vellum (9020/9022) 20lbs.

Caution: *See Appendix B for more information about safely handling/ placing rolls of print material in the printer.*

▼ Loading rolls

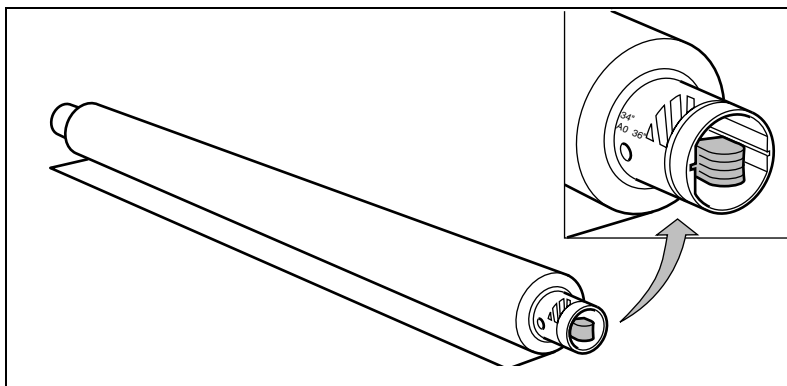
- 1 Open the appropriate roll compartment (see figure 99).



[99] Opening the appropriate roll compartment

- 2 If necessary, remove any scrap material from the paper roll compartment.
- 3 Remove the roll holder from the paper roll compartment.

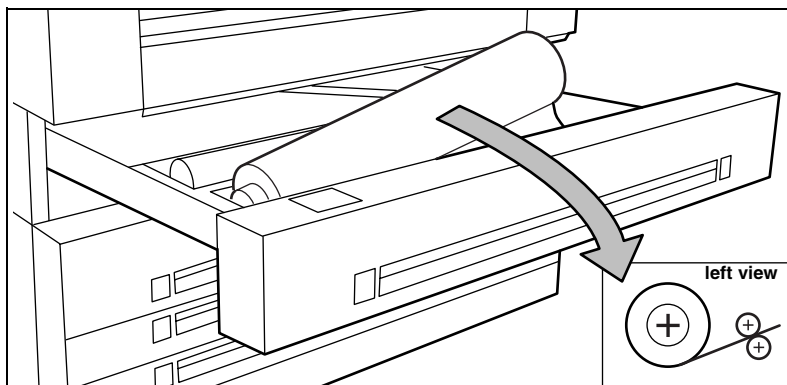
- 4 Press the green knob inside the roll holder (on the right side) to release the locking mechanism (see figure 100) and remove the core from the holder.



[100] Pressing the green knob

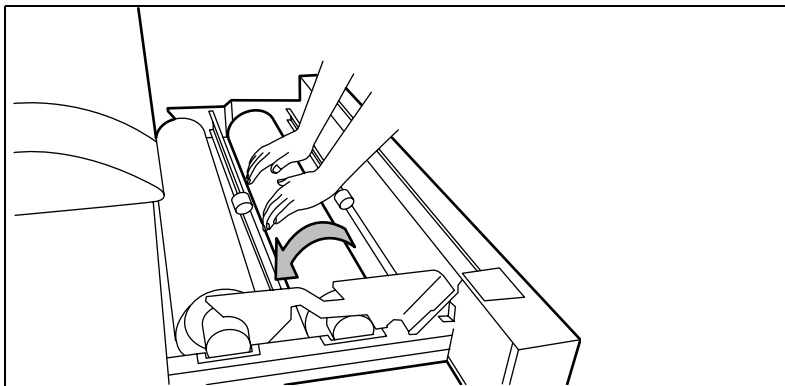
Note: *You can place the new roll in the groove on top of the printer.*

- 5 Slide the roll holder in the new roll of material while pressing the green knob.
- 6 Align the roll with the appropriate size indicator on the roll holder and release the locking mechanism. This line has to be completely visible.
- 7 Use both hands to place the holder in the roll compartment (see figure 101).



[101] Positioning the roll

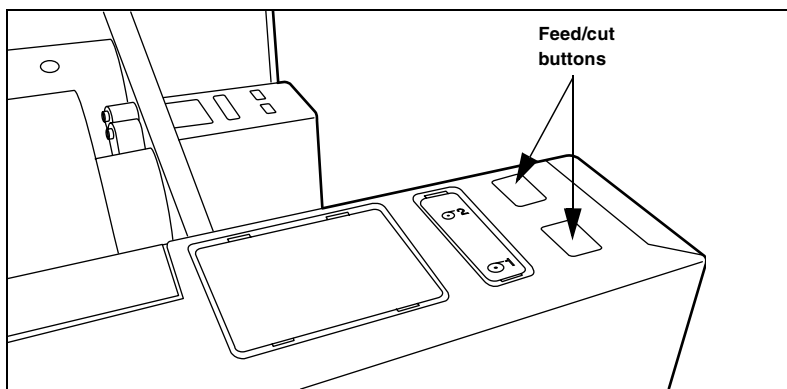
- 8 Use both hands to slide the material under the metal paper guide until it makes contact, as shown in figure 102.



[102] Using both hands to load the material

Note: *If the print material is especially curled, it may be somewhat difficult to slide the material under the paper guide. If this is the case, you can slightly fold back the top few centimeters (no more than 10) of the print material to facilitate the load process.*

- 9 Press the appropriate green button inside the paper roll compartment (see figure 103). The material will automatically be fed into the machine. You may also refer to the sticker inside the drawer.



[103] Button for feeding and cutting the paper

- 10 Press the green button a second time to cut off the material protruding from the paper path.
- 11 Remove the scrap material.
- 12 Close the roll compartment.
- 13 Press the on line button to put the system off line.

- 14 Specify the size and type of material on the operating panel.
- 15 Press the *on line* button again.

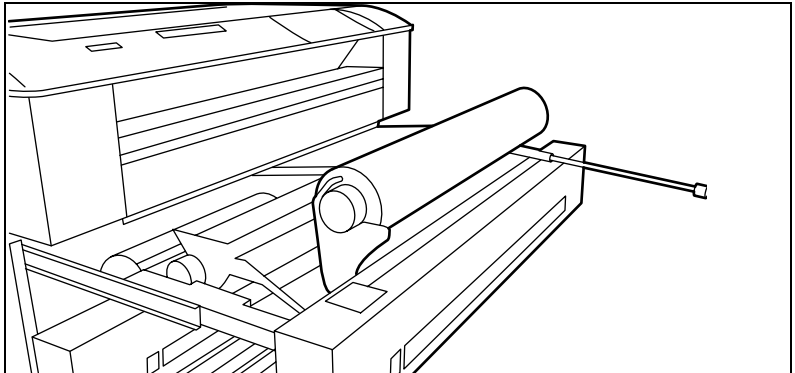
Note: *You only have to adjust the settings on the operating panel when you alter the size and/or media type.*

Roll loader In order to help customers comply with the international safety regulations as far as maximum roll weights are concerned, Océ has developed a roll loader for use with the Océ 9600. See 'Recommended weight limits' on page 292 for more information about the maximum recommended roll weights with and without a roll loader.



Use the optional roll loader to load a roll

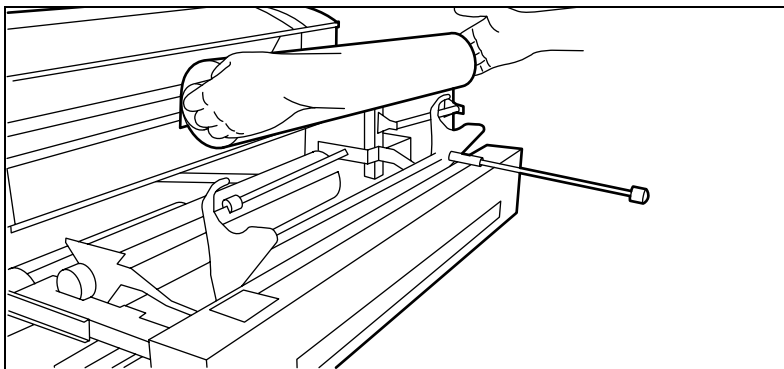
- 1 Fully open the roll compartment.
Inside the drawer, the roll loaders are installed. The roll loaders consist of a metal frame with a lever and a green knob in the middle of the lever.
- 2 Put the appropriate horizontal lever in an upright position by pulling it to the right.
- 3 Pull the lever completely forward. The roll holder is lifted up (see figure 104).



[104] Lifting up the holder with the roll loader

- 4 Remove the roll holder from the paper roll compartment using both hands.
- 5 Press the green knob inside the roll holder to release the locking mechanism and remove the core from the holder.
Note: *You can place the new roll in the groove on top of the printer.*
- 6 Slide the roll holder in the new roll of material while pressing the green knob.
- 7 Align the roll with the appropriate size indicator on the roll holder and release the locking mechanism. This line has to be completely visible.

- 8 Use both hands to place the holder in the roll loader (see figure 105).



[105] Placing the new roll in the roll loader

- 9 Place the holder back in the roll compartment by returning the roll loader lever to its upright position. The roll will now be loaded.

Caution: *Be careful when lifting the lever to avoid any possible damage to the roll compartment.*

- 10 Use both hands to slide the material under the metal paper guide until it makes contact, as described in the procedure for loading rolls of print material.
- 11 Press the appropriate green button inside the roll compartment. The material will automatically be fed into the machine.
- Note:** *You may also refer to the sticker inside the drawer.*
- 12 Press the green button a second time to cut off the material protruding from the paper path.
- 13 Remove the scrap material.
- 14 Return the roll loader lever to its starting position by pushing it to the left.
- 15 Close the paper roll compartment.
- 16 Press the on line button to put the system off line.
- 17 Specify the size and type of material on the operating panel.
- 18 Press the on line button again.

Note: *When you alter the size and/or media type, you have to adjust the settings on the operating panel.*

Cut sheet material

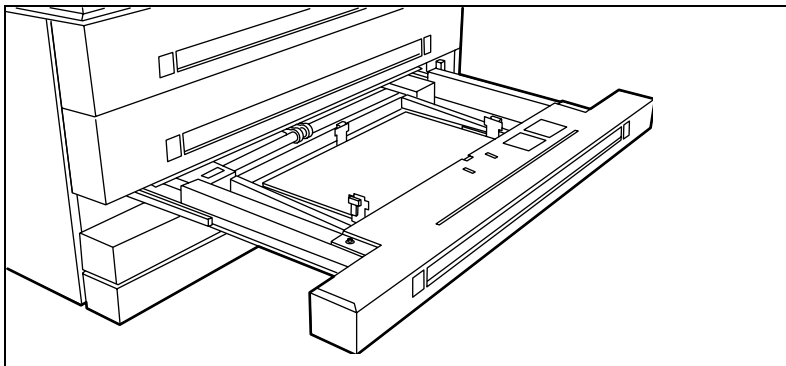
When a cassette tray is empty during a print job, a ‘Cassette tray x empty’ message is displayed at the printer operating panel and in the System Control Panel (SCP) application. You then have to load new cut sheet print material.

Note: *Polyester cut sheets must be ventilated before use in order to prevent sticking together. Also, avoid the use of sheets that have already been printed on one side.*



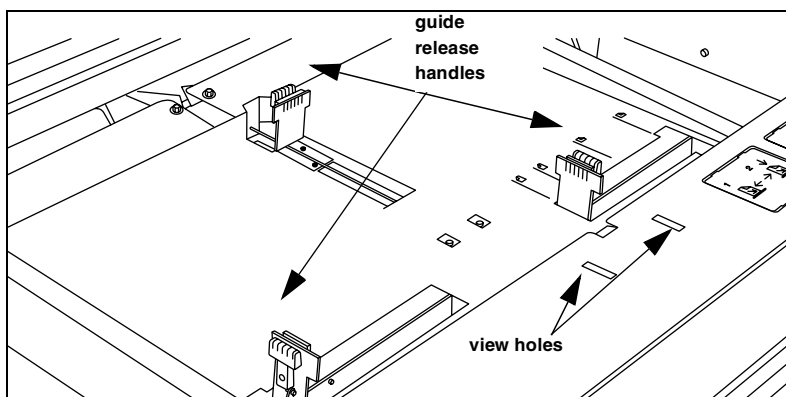
Loading cut sheet material

- 1 Open the appropriate drawer (see figure 106).



[106] Opening the appropriate drawer

- 2 Release the right-hand guide by squeezing the light-green release handle on the guide (see figure 107) and move the guide to the required media size indicator.
Note: *Make certain that the handle is properly aligned with the appropriate indicator.*



[107] Adjusting the position of the right-hand guide

- 3 Remove the print material from its packaging. In the case of wrapped paper, also remove the top and bottom sheets.
Note: *If you use polyester as print material, you have to ventilate the sheets before you load them to avoid having them stick together.*
- 4 Position the print material in the drawer against the front plate. The side to be printed should be face-down.
Note: *You can check if the material is properly loaded by looking through the view holes in the drawer (see figure 107).*
- 5 Adjust the right-hand guide.
Note: *Carefully place the print material in the drawer to avoid damage to the media.*
- 6 Slide the two other guides into position.
You may also refer to the sticker inside the drawer.
- 7 Close the drawer.

Note: *When you alter the size and/or media type, you have to adjust the settings on the operating panel.*

Attention: *If you decide to reload print material when the drawer is not entirely empty, it is recommended to remove all remaining print material from the drawer before you insert the new print material. This way you can avoid the risk of inadvertently shifting any remaining print material out of place and blocking the path. This could result in a jam.*

Toner

When a 'Toner low' message appears on the printer panel, you should refill toner. From this moment on, you can print a maximum of 260 m2.

Refilling toner can be done at any time, even while a job is printing. You will be able to finish your current job.

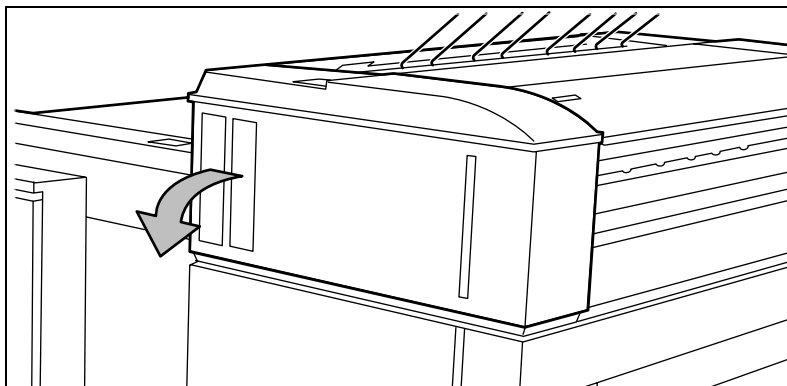
If you do not refill toner in time, the system will stop and an 'Out of toner' message will appear. In that case, printing will only be resumed after you have refilled toner and pressed the on line button.

Note: *Before you refill toner, always make certain that you first replace the waste toner bag.*



Adding toner

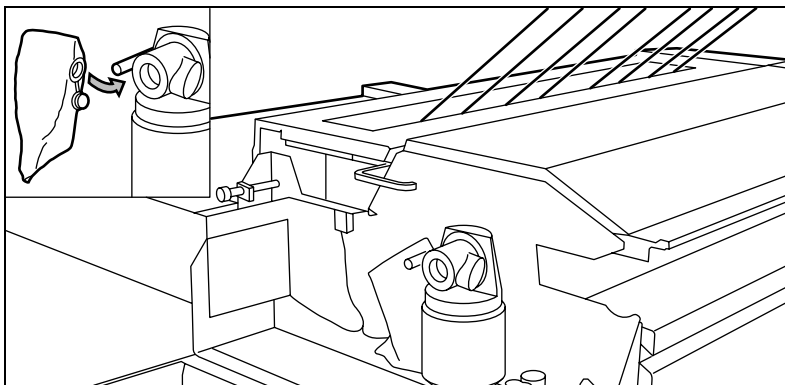
- 1 Open the left cover of the printer (see figure 108).



[108] Opening the left printer cover

- 2 Pull the waste toner bag from the holder and place the supplied cap on the bag.

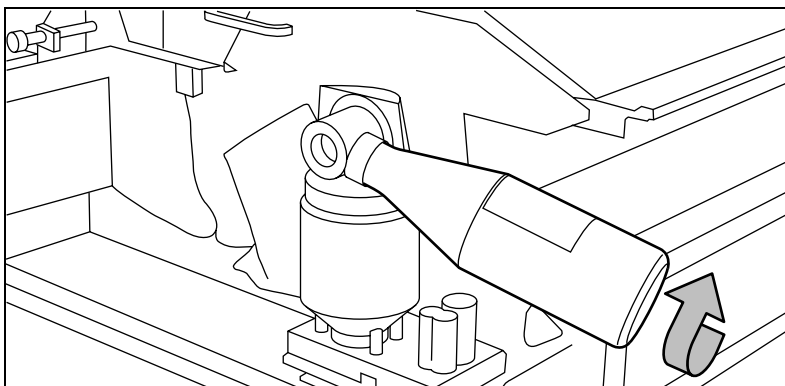
- 3 Slide a new waste toner bag as far as possible over the holder (see figure 109).



[109] Replacing the waste toner bag

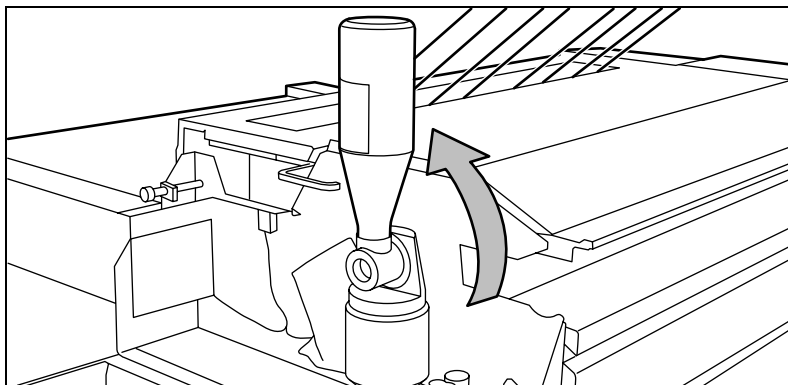
Attention: *Use only Océ B5 toner.*

- 4 Shake the toner bottle thoroughly and open the bottle.
- 5 Screw in the bottle clockwise in a slanted position (see figure 110).



[110] Screwing in the bottle

- 6 Move the toner bottle to a vertical position (see figure 111).



[111] Adding toner

- 7 Tap the bottle to remove the toner from the bottle.
- 8 Return the bottle to its original position when the toner bottle is empty.
- 9 Unscrew the toner bottle counter-clockwise and close it.
- 10 Close the cover.

Printing will be resumed after you press the 'on line' button.

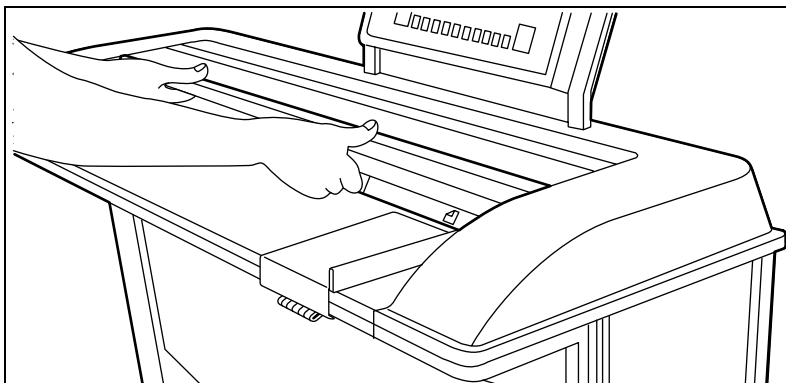
Note: When you have refilled toner after a 'toner low' message, it may take a while (up to thirty seconds), depending on the number of prints that you make, before the 'Out of toner' message disappears. When you have refilled toner after the system had stopped due to low toner supply, you have to confirm the refill operation by pressing the On line button. The 'Out of toner' message will then disappear.

Maintenance of the glass platen and the reference roller

If the glass platen is dirty or static, it should be cleaned to ensure top quality copies are produced. At the same time, you can clean the white reference roller.

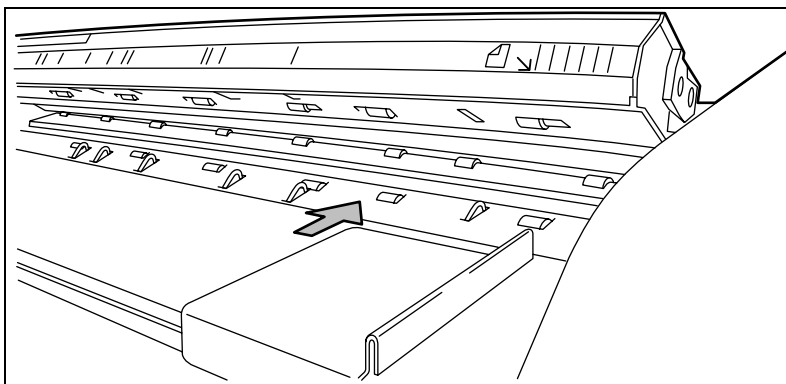
▼ **Clean the glass platen and reference roller**

- 1 Turning off the scanner.
- 2 Open the top scanner cover (see figure 112).



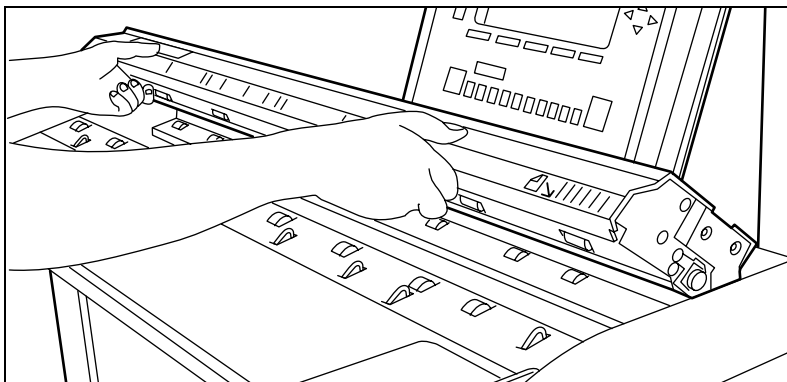
[112] Opening the top scanner cover

- 3 Clean the glass platen with a soft cloth, moistened with water (see figure 113).



[113] Glass platen and reference roller

- 4 Clean the white reference roller with soft cloth moistened with a small quantity of Cleaner A (see figure 113).
- 5 Lift the top cover of the scanner to release the hinge lock, then close the cover (see figure 114).



[114] Closing the top scanner cover

- 6 Turning on the scanner.

Reinforcement unit maintenance

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

- Inserting a new tape roll
- Emptying the waste box
- Cleaning the reinforcement knives

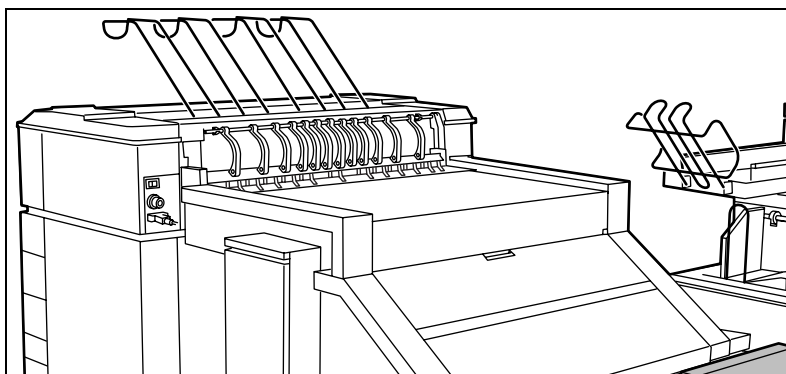
Attention: *Only use the original reinforcement strips from Océ, to avoid damage to the reinforcement unit.*

A new tape roll

When the tape roll is empty while the engine is on stand-by, one of these messages will appear on the display:

- ‘Load reinforcement tape’
- ‘Reinforcement unit empty’ (if the engine was running when the roll ran out of tape).

When a tape roll is empty while the engine is running, this message will be accompanied by a picture of the engine with the side door of the reinforcement unit blinking (see figure 115).

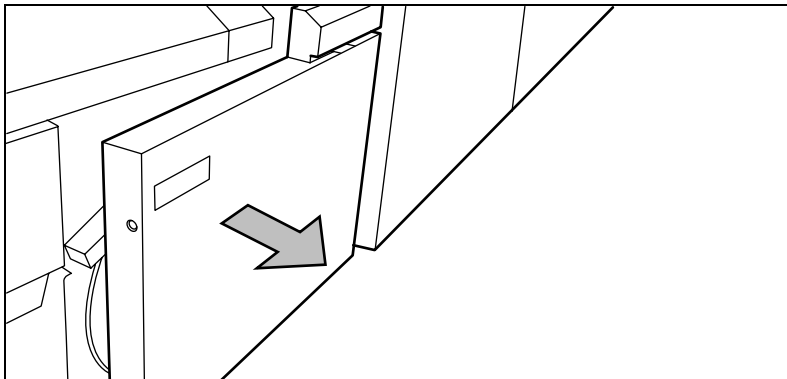


[115] No tape in reinforcement unit



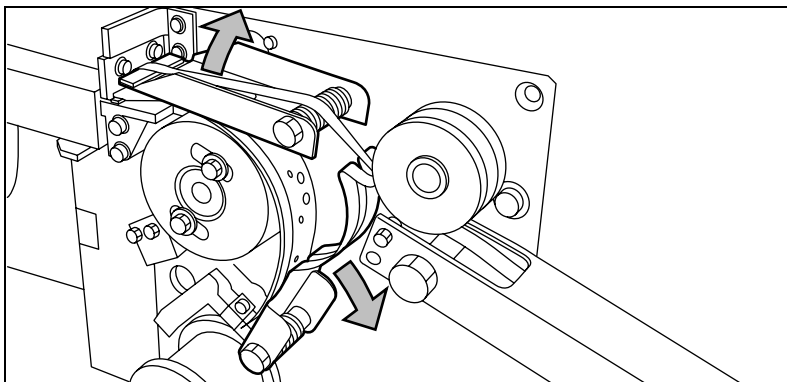
Inserting a new tape roll

- 1 Open the side door of the reinforcement unit (see figure 116).



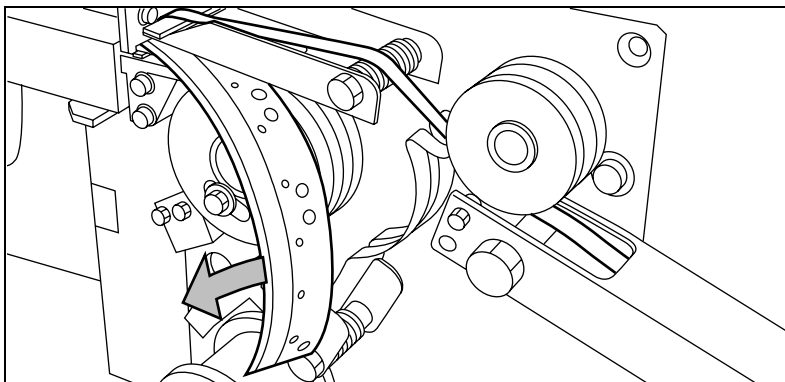
[116] Opening the side door of the reinforcement unit

- 2 Turn the two guide plates away from the pin roller and lock them into their open position (see figure 117).



[117] Opening the guide plates

- 3 Remove the trailing edge of the old tape (see figure 118).

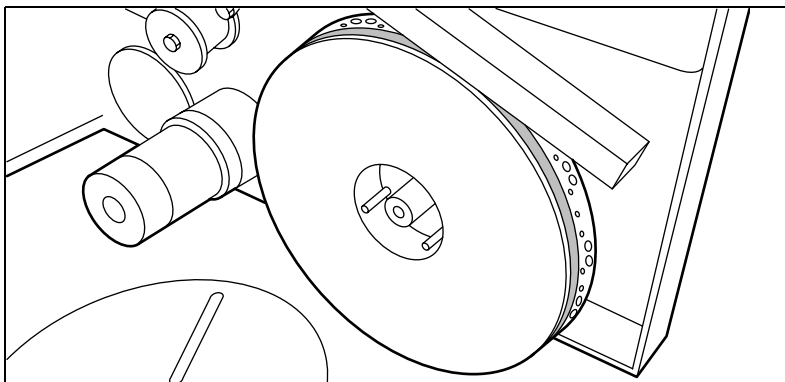


[118] Removing the trailing edge of the old tape

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

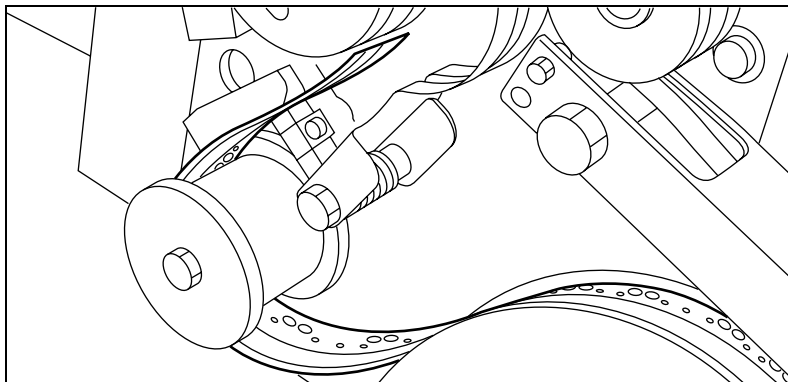
Note: *It is recommended that you clean the reinforcement knives before you insert a new roll. See 'Maintenance of the reinforcement knives' on page 241 for more information.*

- 5 Insert the new roll and close the side plate. Make sure that the roll is placed with the holes to the back and the protection sheet to the front (see figure 119).



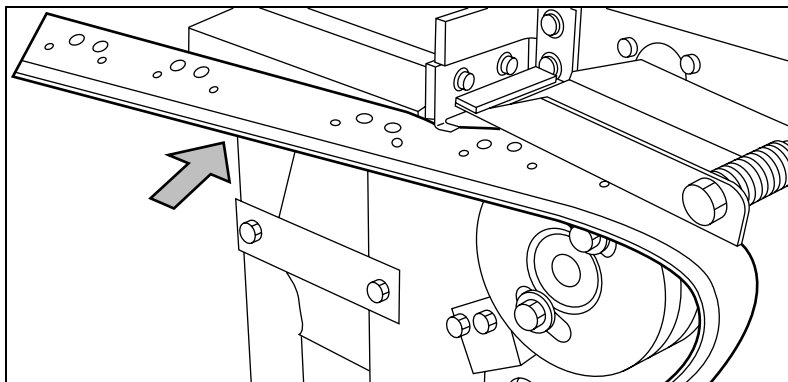
[119] Placing the new roll

- 6** Detach the end of the roll and lead the tape over the large guide roller (see figure 120).



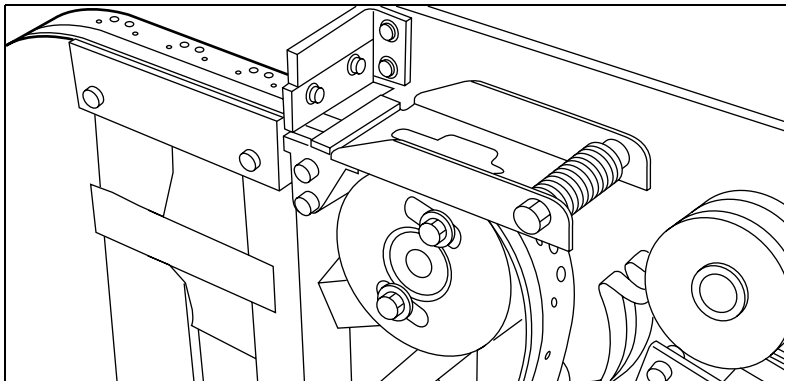
[120] Guiding the tape around the guide roller

- 7** Lead the tape between the upper and lower knife and over the pin roller (see figure 121).



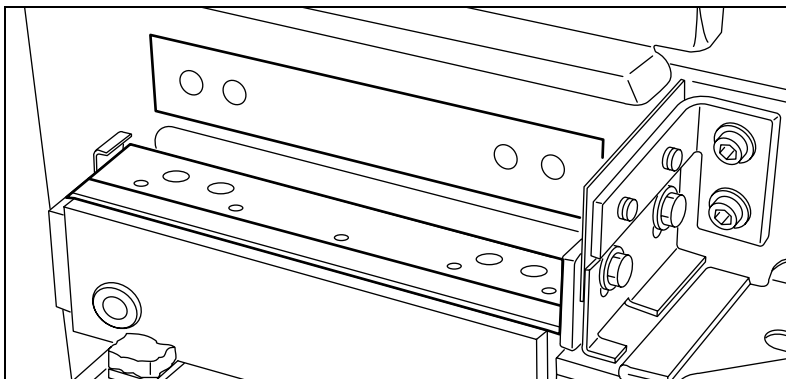
[121] Leading the tape between the upper and lower knife

- 8** Make sure that at least 200 mm (7.87 inches, or 2 strip lengths) of tape protrude from the knife section (see figure 122).



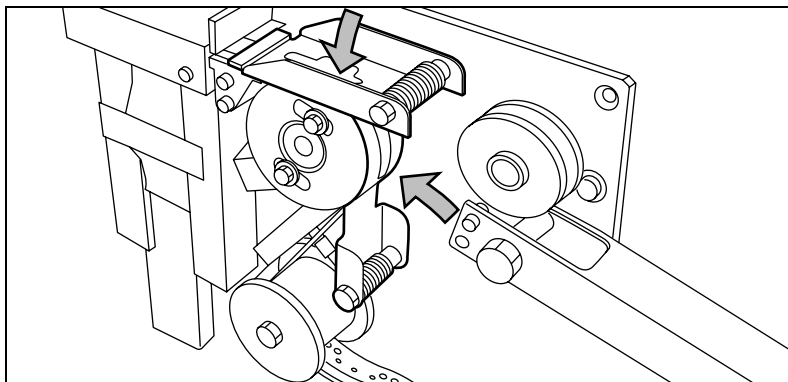
[122] Protruding tape

- 9** The holes in the tape must be aligned with the hole pattern on the sticker found on the frame plate of the reinforcement unit (see figure 123). If this is not the case, lift the tape from the pin roller and push the tape further between the two knives until the holes are aligned.



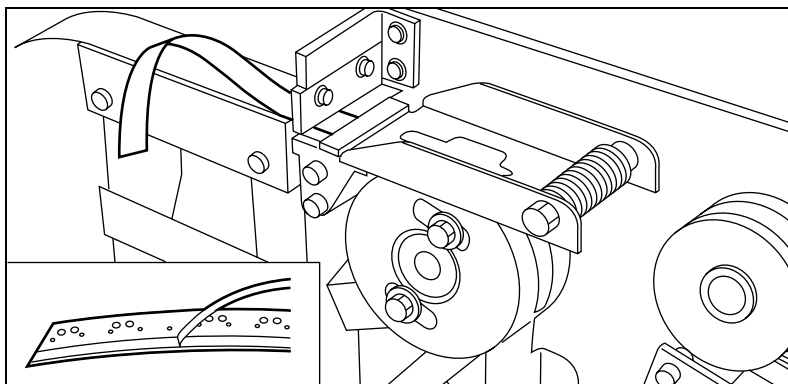
[123] Adjusting the holes on the tape

- 10** Close the pin roller guide plates (see figure 124).



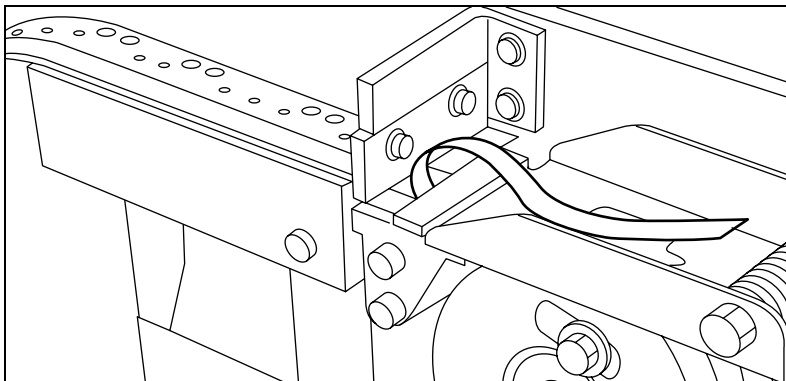
[124] Closing the guide plates

- 11** Peel the protection sheet off of the tape (see figure 125).



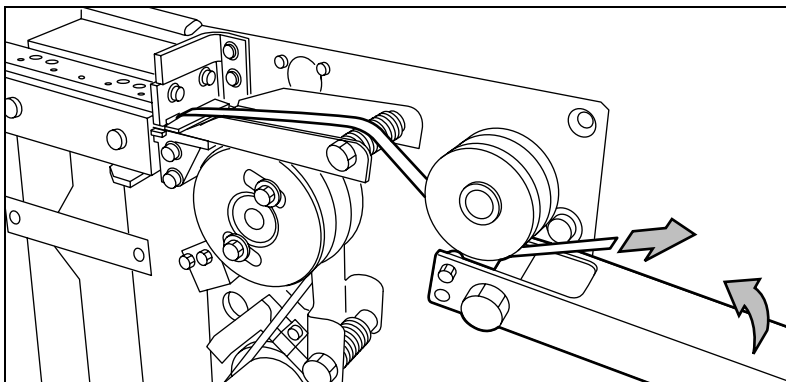
[125] Peeling off the protection sheet

- 12** Lead the protection sheet back between the upper and lower knife.



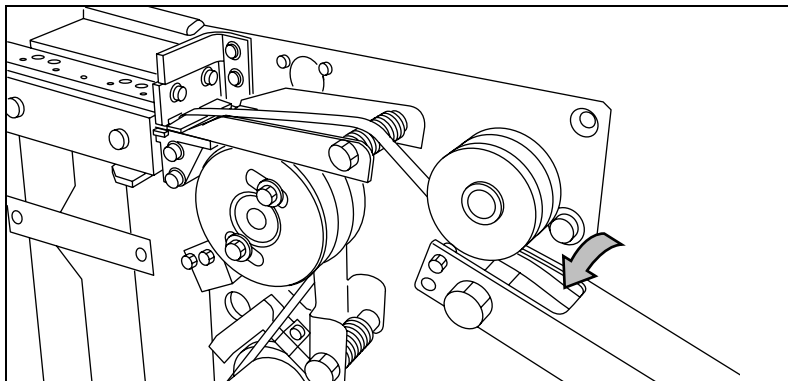
[126] Leading the protection sheet between upper and lower knife

- 13** Lift the guide and lead the protection sheet between the protection sheet rollers, pulling the protection sheet tight (see figure 127).



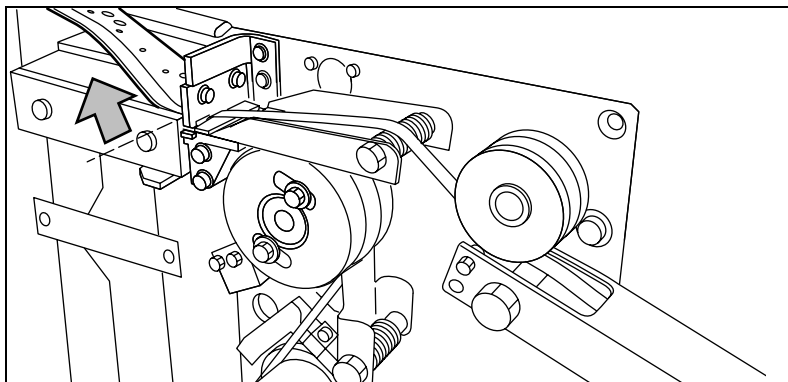
[127] Leading the protection sheet between the rollers

- 14** Insert the leading edge of the tape into the closed section of the slide (see figure 128).



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

- 15** Hold the upper guide plate down and cut the tape at the knife section by quickly pulling the edge up so that the tape is cut by the upper knife (see figure 129).



[129] Cutting the tape at the knife section

- 16** Close the side door of the reinforcement unit.

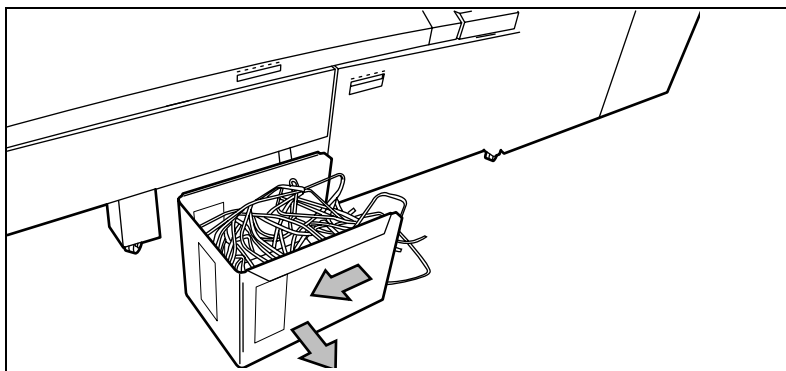
The waste box

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 engine is running.*

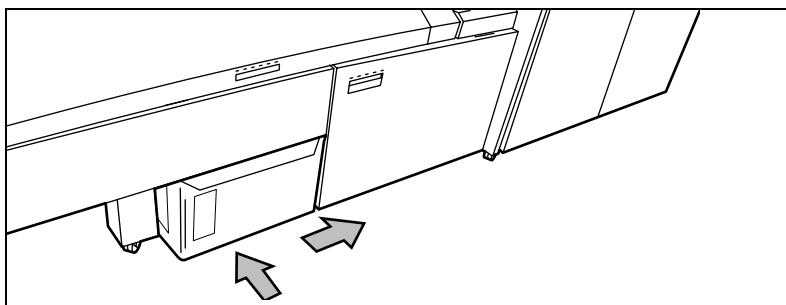
▼ Emptying the waste box

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



[130] Opening the waste box

- 2 Empty the box.
- 3 Close the waste box by pushing it forward and then pushing it to the right-hand side.



[131] Closing the waste box

Maintenance of the reinforcement knives

Because the reinforcement unit knives 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 'A new tape roll' on page 232) or when an error in the reinforcement unit has occurred.

When cleaning the reinforcement knives, place them in such a position that all the parts that need to be cleaned are accessible.

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



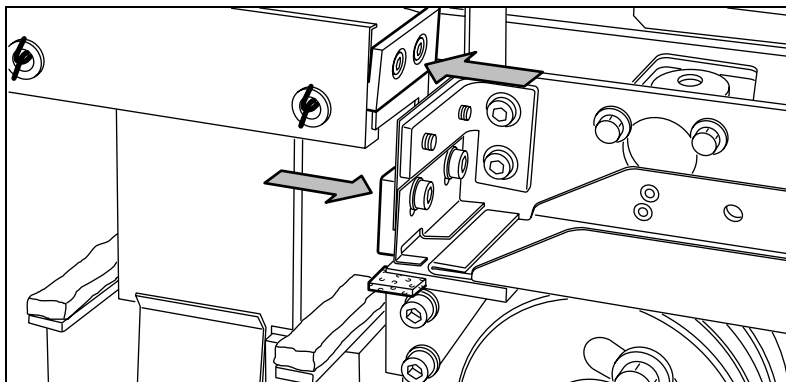
Cleaning the reinforcement knives

- 1 Press the on line button on the printer operating panel to put the printer off line. The 'Off line' message is displayed in the status window.
- 2 Press the left selection button to access the 'Folding' menu. A shadow effect is used to indicate that this menu has been entered.
- 3 Select the 'Clean knives' option from the 'Folding' menu. Then the reinforcement knives are placed in the correct position.

Note: *When a job is running, the 'Job interrupted' message appears. The machine stops running after it has correctly finished the prints that were already in the engine and the focus can be set to the Folding menu. A picture of the engine appears on the display with the side door of the reinforcement unit blinking.*

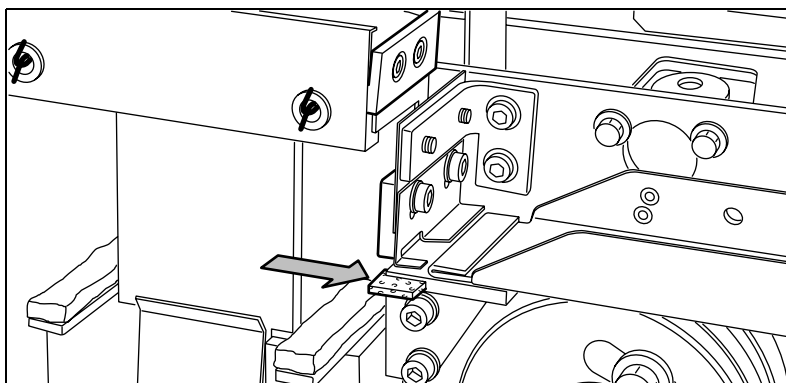
- 4 Opening the reinforcement unit side door.

- 5 Clean the upper and lower knife using Cleaner K (see figure 132).



[132] Cleaning the upper and lower knife

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



[133] Oiling the felt

Close the side door of the reinforcement unit. The knives are automatically placed back in their home positions. The picture on the display disappears, and the 'Press start to resume job' or 'Ready to print' message appears, depending on whether or not a job was interrupted to clean the knives.

Chapter 13

Problem solving

This chapter describes the problems that may occur while using the Océ 9600.



Introduction

Problems that may occur with the Océ 9600 consist of:

- Originals jammed in the scanner (see page 245).
- Jams, (see page 247).
- Other problems, (see page 266).

When an error occurs, the display informs you about:

- the type of problem
- where it has occurred
- how to solve it

Printing material is normally transported through the system without any problem. However, printing material may get stuck. If this happens, a flashing cover or door will be displayed on the graphic display, indicating in which part of the system the material has been jammed.

Stickers on some parts of the system indicate which green handles, green knobs, green bars and covers, etc. are to be lifted, pressed or opened to remove any jammed printing material.

The display guides you through a sequence of steps to solve the problem. If a jam occurs in more than one location, the display will continue to instruct you until all jammed printing material has been removed.

Once the error has been cleared, the display will give you instructions on how to continue the job in such a way that all prints are produced correctly.

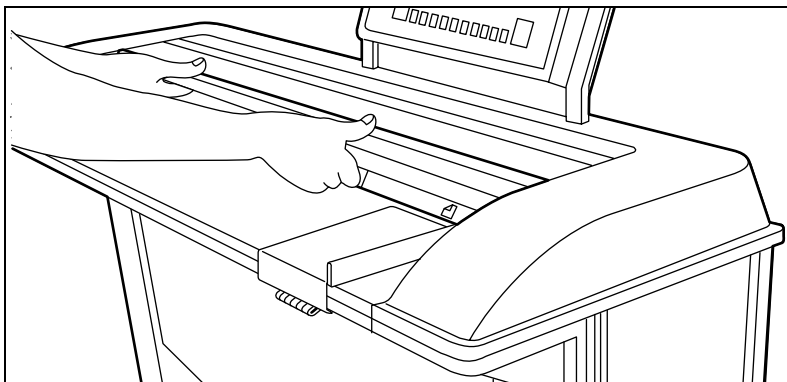
Original jams in scanner

If during scanning, an original becomes jammed, you can stop the original transport with the red Stop button.



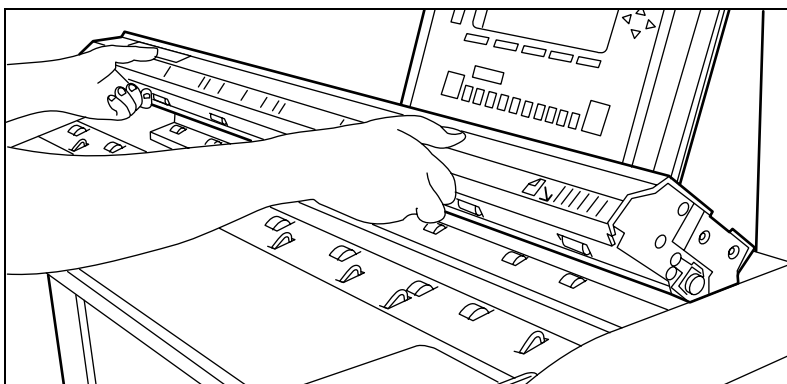
Removing a jammed original

- 1 Open the top scanner cover (see figure 134).



[134] Opening the top scanner cover

- 2 Remove the original.
- 3 Lift the top cover of the scanner to release the hinge lock, then close the cover (see figure 135).



[135] Closing the top scanner cover

- 4 If applicable, smooth out the original and feed it in again.

If originals are mis-fed frequently:

- Make sure a suitable type of original is being used. See 'List of available material types and sizes' on page 288.
- Make sure the original is inserted along the guide
- Use the carrier sheets available from Océ to protect your valuable originals.

Note: *When working with poor-quality or valuable originals, it is advised to disable the rewind function to avoid the risk of jams during rewind.*

Jams in printer

If printing material misfeeds, printing stops and instructions to the operator for solving the media jam appear in the display and the error location is shown by flashing covers or doors.

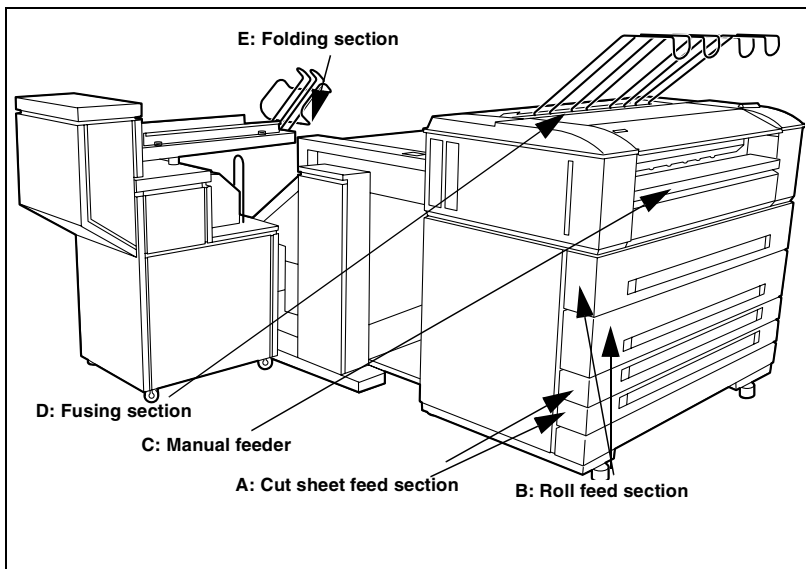
If print material misfeeds:

- Follow the instructions on the display
- Thoroughly remove scraps of print material from the machine.
- Roll up the media and feed it in again.

If originals are mis-fed frequently, make sure that

- the printing material is properly loaded (see ‘Rolls’ on page 220 or ‘Cut sheet material’ on page 225)
- the correct printing material is used (‘List of available material types and sizes’ on page 288)
- jammed printing material, scraps of printing material or foreign matter are left in the paper path.

How to handle jams is described in detail in the following sub-sections.



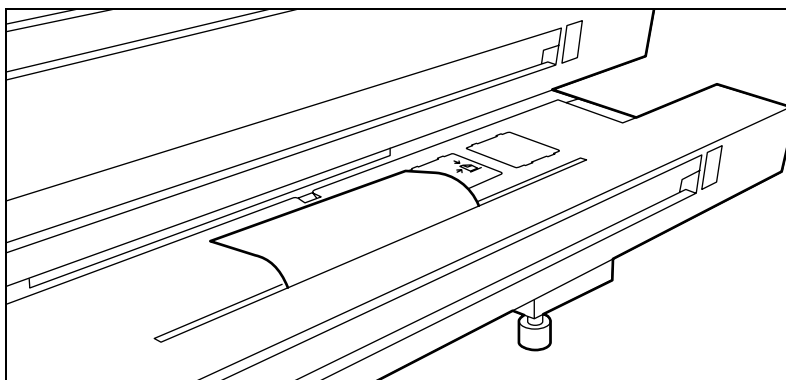
[136] Sections for jams

Cut sheet feed section

The cut sheet feed section is indicated as section A in figure 136 on page 247.

▼ Clearing a jam in the cassette tray

- 1 Open the appropriate cassette tray.
Note: *Only one cassette tray can be open at a time.*
- 2 Remove any jammed printing material from the paper path (see figure 137).



[137] Removing jammed material from the paper path

- 3 Close the cassette tray again.
Note: *If the cut sheet feed covers are still flashing on the display, re-check the cassette tray section.*

Roll feed section

The roll feed section is indicated as section B in figure 136 on page 247.

▼ Clearing a jam in the roll compartments

- 1 Open the appropriate roll compartment.
Note: *Only one compartment can be open at a time.*
- 2 Remove any jammed printing material from the paper path (see figure 137) and, if necessary, pull back the paper and rewind it.
Note: *Occasionally, a jam may occur before the printing material has been cut. In that case, you can cut the material manually by pressing the appropriate green load button in the roll compartment.*
- 3 Reload the roll if the system asks you to do so (see 'Rolls' on page 220).
- 4 Close the roll compartment again.

Note: If the roll feed covers are still flashing on the display, re-check the roll feed section.

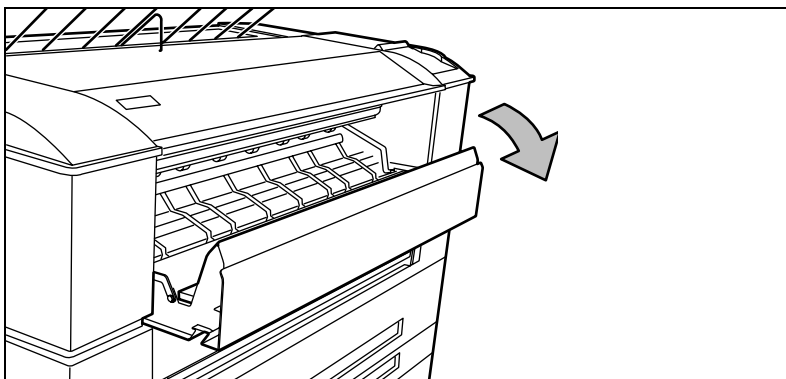
Manual feeder

When printing material misfeeds in section C, as in figure 136 on page 247 a jam has occurred in the manual feeder.



Clearing a jam in the manual feeder

- 1 Open the manual feeder by tilting it toward you (see figure 138).



[138] Opening the manual feeder

- 2 Remove any jammed printing material.

Note: If the material cannot be removed easily, you must open the cover of the fusing section to get access to the jammed material. Otherwise, the OPC drum may become damaged.

- 3 Close the manual feeder again.

Fuser section

The fuser section is indicated as section D (see figure 136 on page 247).

Caution: *During normal use the fuser must be closed. Open it only to remove paper after a media jam. Because of hot surfaces, the operator always has to be cautious and wear heat-protective gloves when removing printing material from the fuser section.*



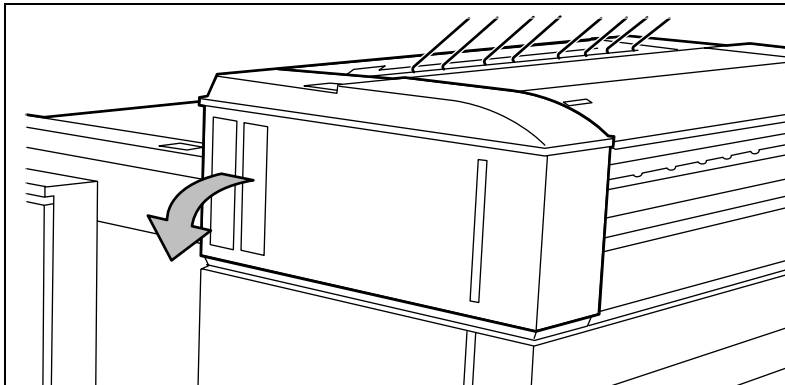
Clearing a jam in the fuser section

- 1 Turn off the printer.
- 2 Wait a few moments to let the fuser cool down.
- 3 Open the manual feeder to release the printing material.

Attention: *If you fail to do so, the OPC drum might get damaged when you remove jammed material.*

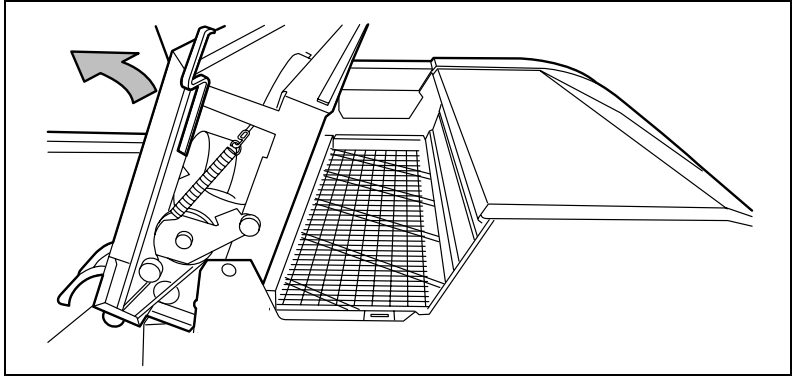
- 4 Open the cover on the left side (see figure 139).

Note: *During normal use, the left cover has to be closed. This is necessary to ensure proper operation.*



[139] Opening the left side cover

- 5 Open the fuser section cover by lifting the cover by the green handle (see figure 140).



[140] Opening the fuser section cover

- 6 Remove any jammed printing material from the fuser section.
Note: *If the printing material is visible in the manual feed section, remove it from the front side of the Océ 9600 Printer.*
- 7 Pull the green knob to release the fuser section cover and close the cover with the help of the green handle.
- 8 Close the cover.
- 9 Turn the printer on again.



Clear a jam at the integrated receiving tray

- 1 Open the manual feeder to release the printing material.

Attention: *If you fail to do so, the OPC drum might get damaged when you remove jammed material.*

- 2 Open the cover on the left side (see figure 139 on page 250).
- 3 Open the fuser section cover by lifting the cover by the green handle (see figure 140).
- 4 Remove any jammed printing material from the Integrated Receiving Tray.
- 5 Pull the green knob to release the fuser section cover and close the cover with the help of the green handle.

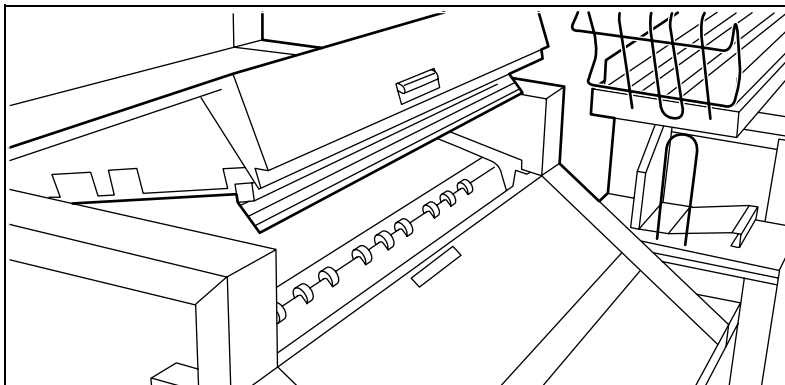
Folder

When printing material misfeeds in section E, as shown in figure 136 on page 247, a jam has occurred in the folding section.

Jams in the folder can occur in either the first fold section, the second fold section, the folder transport section or the belt unit.

▼ **Clearing a jam in the first fold section**

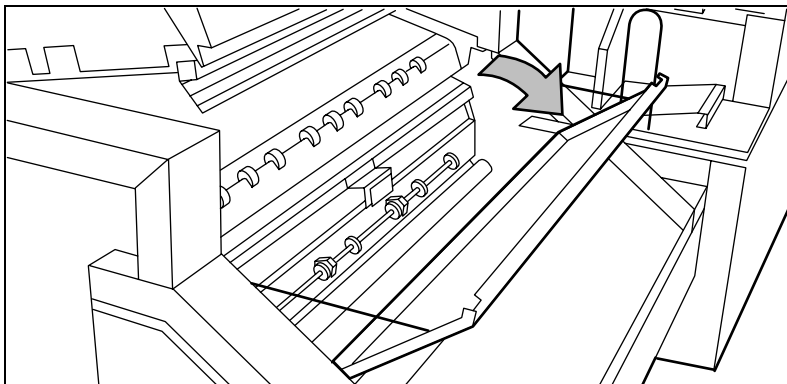
- 1 Opening the top cover of the folder (see figure 141).
The green light on the right of the folder is blinking quickly.



[141] Top cover of the folder

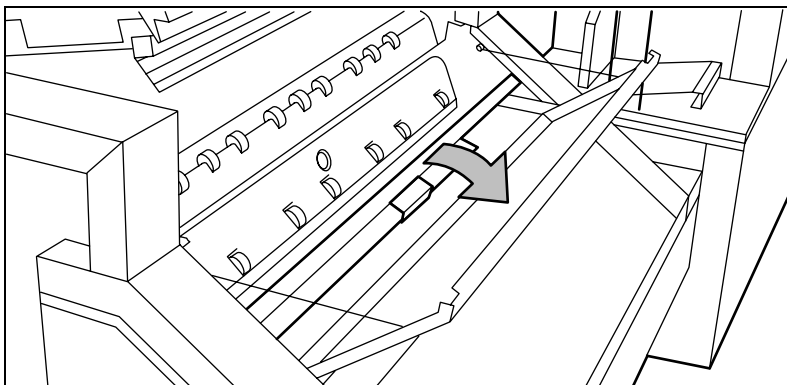
- 2 Remove any jammed printing material.

- 3 Open the cover of the first fold section (see figure 142).



[142] Opening first fold section

- 4 Open the guide plate (see figure 143).



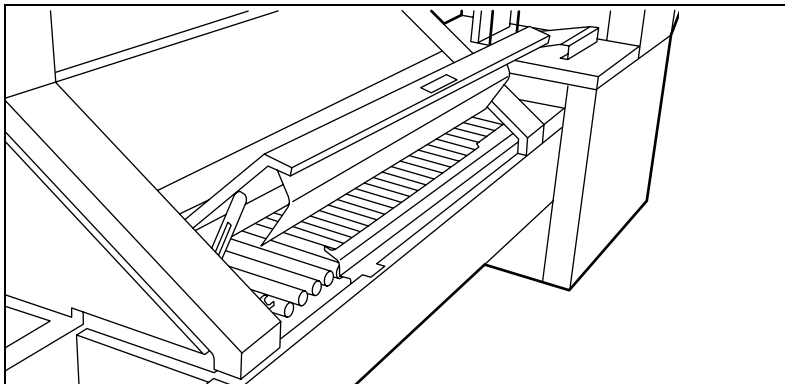
[143] Opening the guide plate

- 5 Remove any jammed printing material.
- 6 Close the guide plate.
- 7 Close the cover of the first fold section.
- 8 Close the top cover of the folder.



Clearing a jam in the folder transport section

- 1 Open the cover of the first fold section (see figure 144).



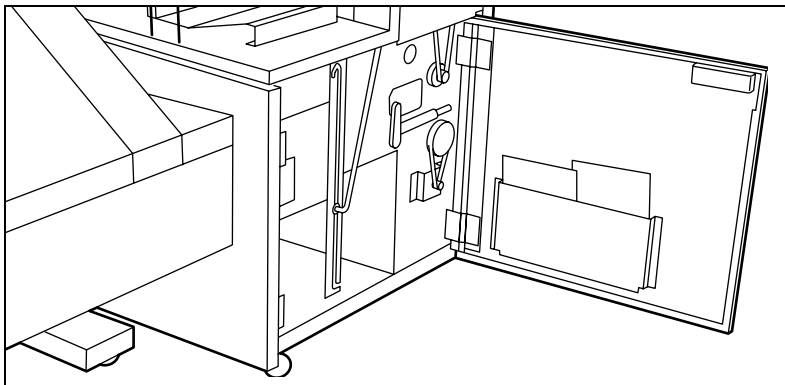
[144] Open the cover of the folder transport section

- 2 Remove any jammed printing material.
- 3 Close the folder transport section cover from the left side by lifting it up and pushing the hinge away from you.



Clearing a jam in the second fold section

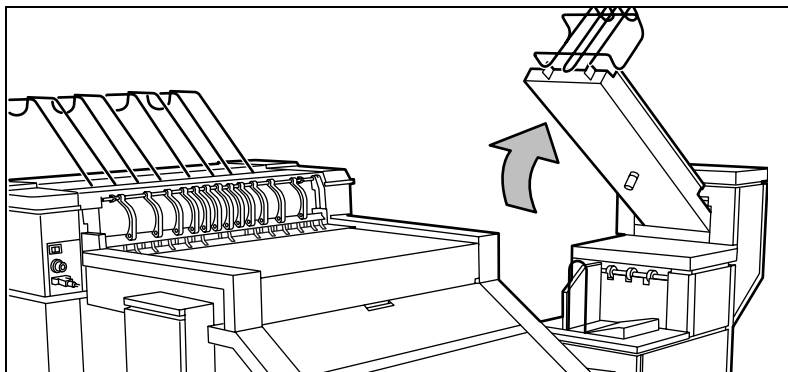
- 1 Open the front door of the second fold section (see figure 145).



[145] Opening the front door of the second fold section

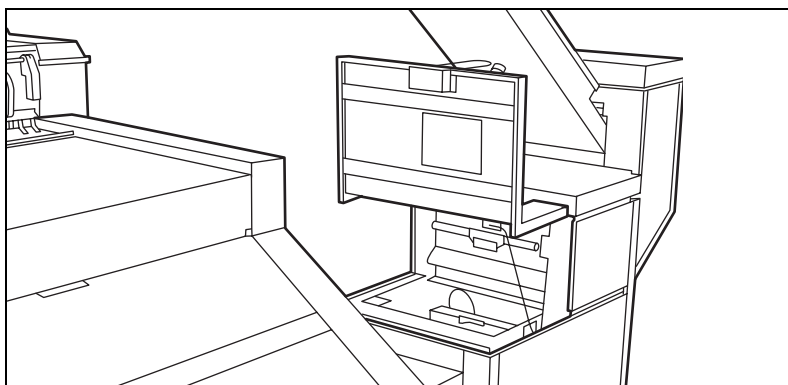
- 2 Remove any jammed printing material at the bottom of the second fold section.
- 3 Close the front door of the second fold section.

- 4 If you have a belt unit, put the belt in an upright position (see figure 146).



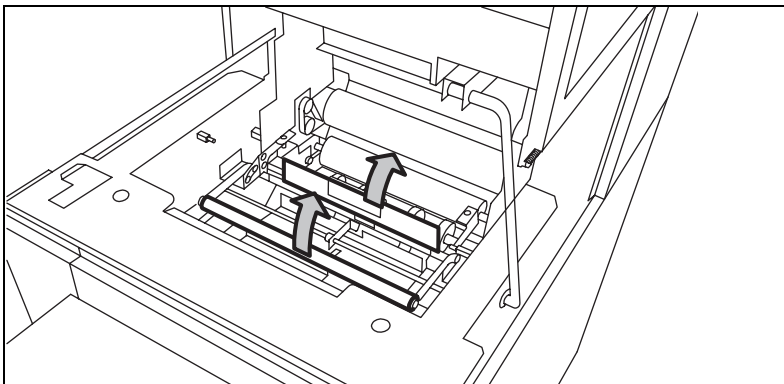
[146] Putting the belt in an upright position

- 5 Open the delivery unit (see figure 147).



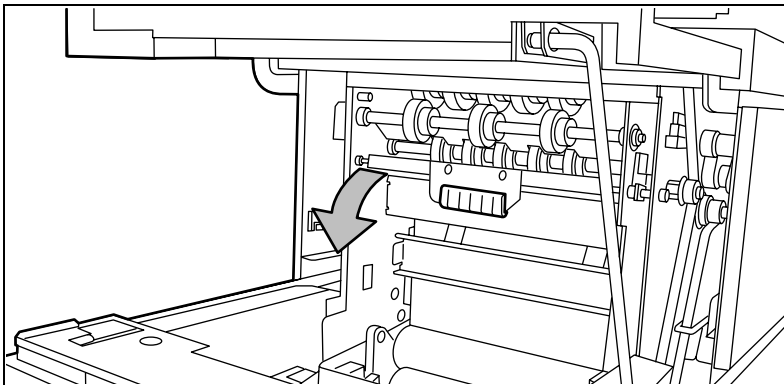
[147] Opening the delivery unit

- 6 Open the guide plate with the green lever (see figure 148).



[148] Opening the guide plate with the green lever

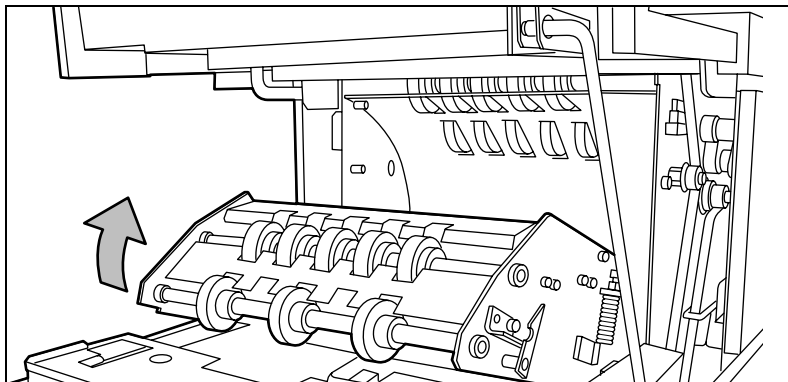
- 7 Remove any jammed printing material.
- 8 Open the vertical transport with the green lever (see figure 149).



[149] Opening the vertical transport

- 9 Remove any jammed printing material.

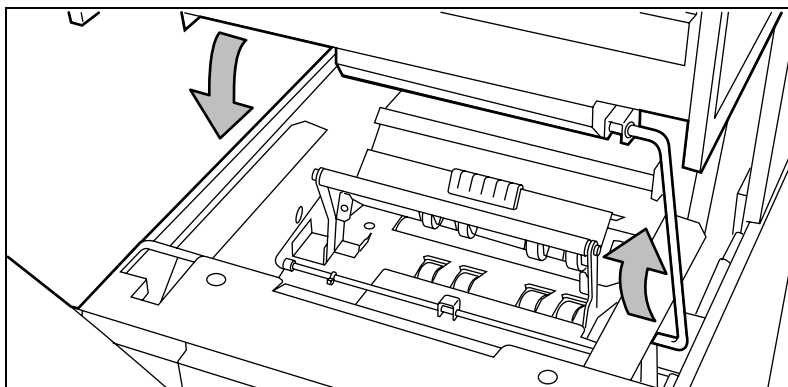
- 10** Close the vertical transport (see figure 150).



[150] Closing the vertical transport

- 11** Close the guide plate.

- 12** Close the delivery unit (see figure 151).

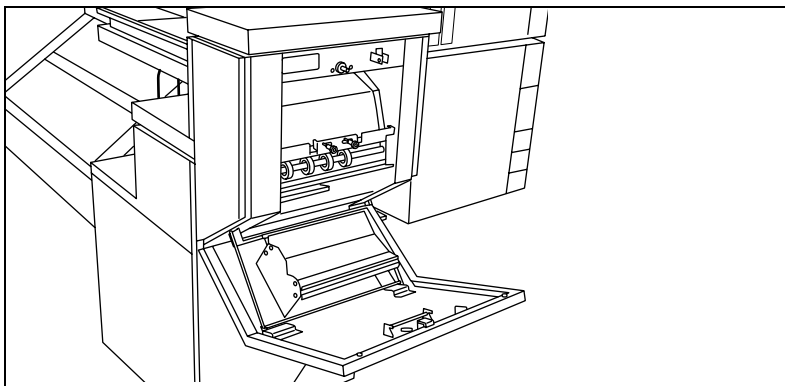


[151] Closing the delivery unit



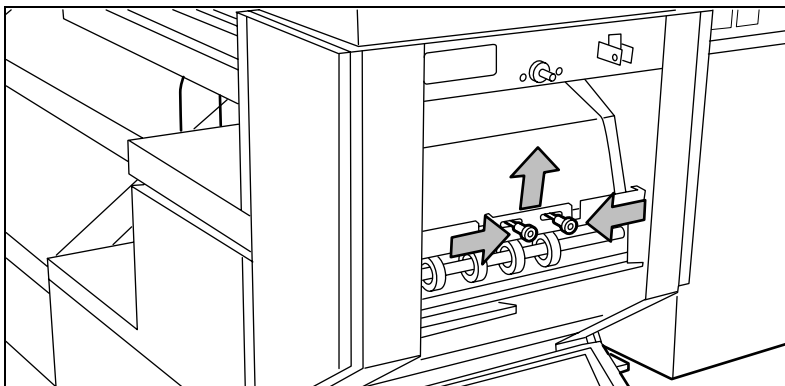
Clear a jam in the belt unit

- 1 Open the belt unit door(see figure 152).



[152] Opening the belt unit door

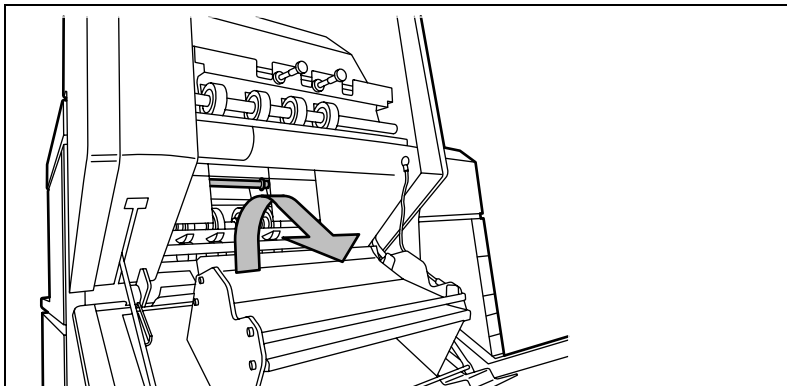
- 2 Squeeze the two green knobs in the upper section of the belt unit and open the plate (see figure 153).



[153] Opening the plate

- 3 Remove any jammed printing material.
- 4 Squeeze the two knobs again and put the plate in its original position.

- 5 Release the green lever in the lower section of the belt unit (by slightly lifting it and pulling it forward) to open the lower plate (see figure 154).



[154] Opening the lower plate

- 6 Remove any jammed printing material.
- 7 Pull up the green lever again (until it locks into position) to close the plate.
- 8 Close the belt unit door.
- 9 Put the belt in its operating position by pushing it down gently.

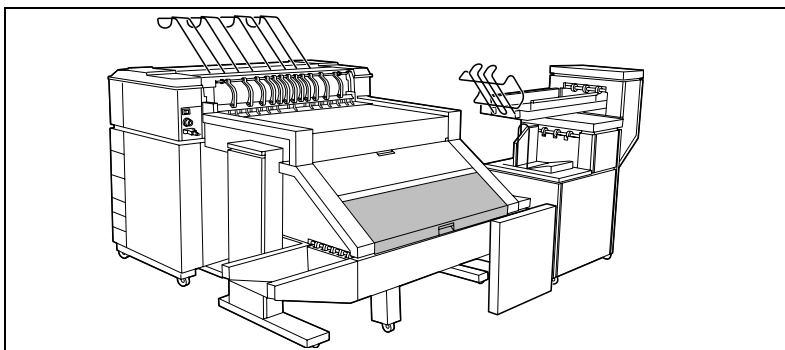
Reinforcement unit

If a reinforcement unit is installed, the following errors can occur:

- Paper jams
- Tape jams
- No reinforcement strips on the output

This section explains how these errors can be solved.

Paper jams with the reinforcement unit When a paper error occurs, the following message is displayed: 'Paper jam'. A picture of the engine appears on the display with one or two doors blinking, depending on where the jam occurs (see figure 155).

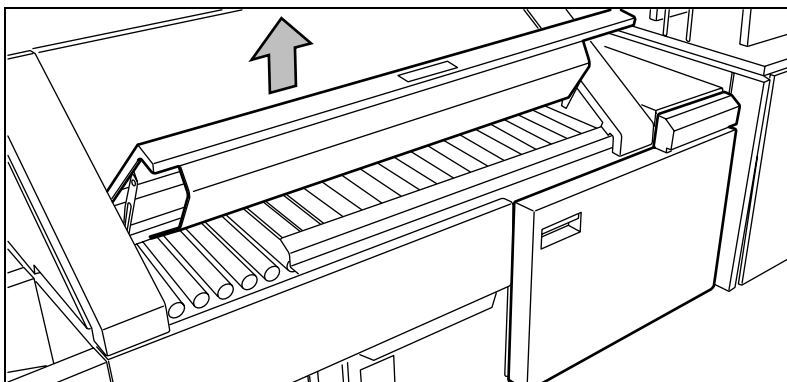


[155] Paper jam



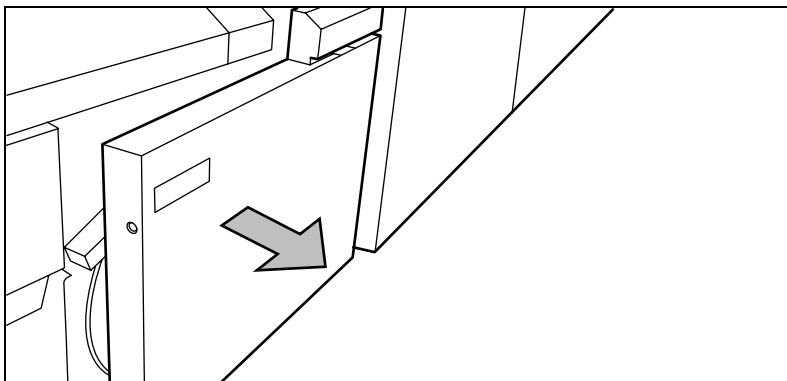
Clear a paper jam

- 1 Open the cover of the transport to the First Fold delivery and remove all paper inside (see figure 156).



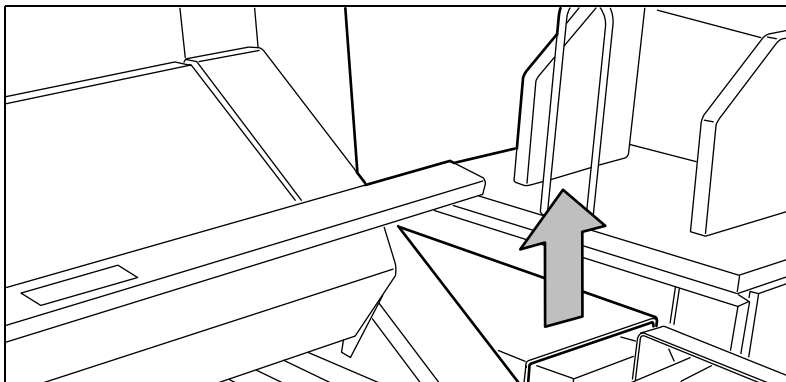
[156] Open the cover of the folder transport section

- 2 Close the cover of the folder transport section.
- 3 Open the front door of the reinforcement unit (see figure 157).



[157] Opening the front door of the reinforcement unit

- 4 Open the top cover of the reinforcement unit and remove all paper inside (see figure 158).

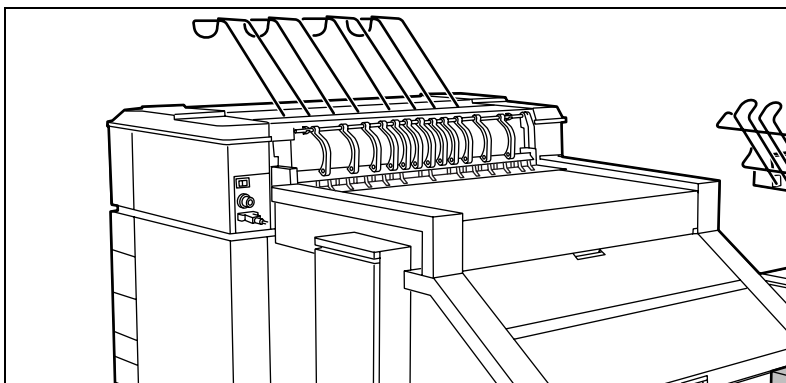


[158] Opening the top cover of the reinforcement unit

- 5 Close top cover and side door of the reinforcement unit.

Clear tape jams in the reinforcement unit When a tape jam occurs, the following message appears on the display:
'Reload tape in reinforcement unit'.

When a tape jam occurs while the engine is running, the message will be accompanied by a picture of the engine with the side door of the reinforcement unit blinking (see figure 159).

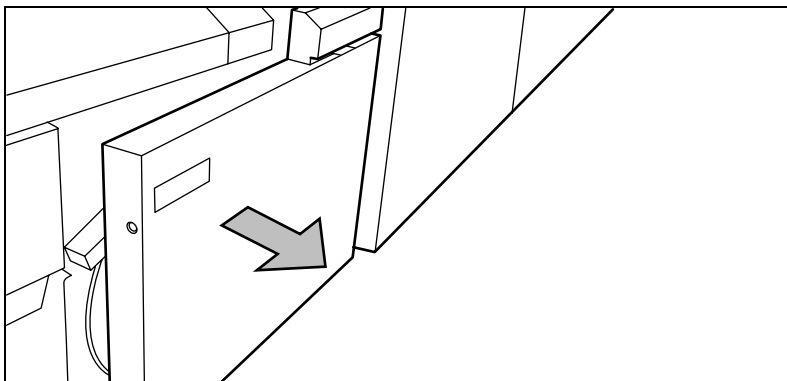


[159] Tape jammed in reinforcement unit



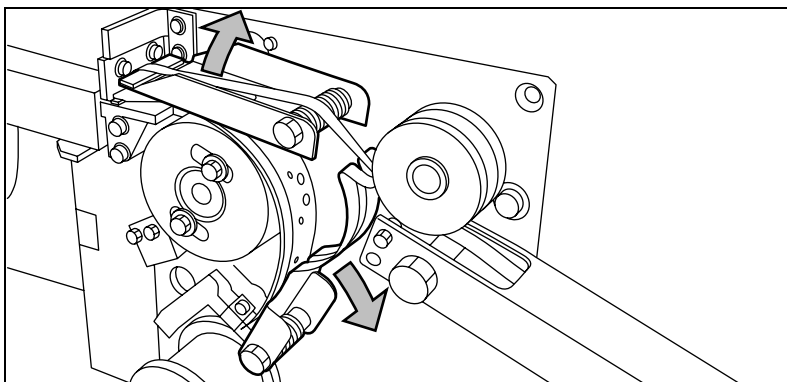
Clearing a tape jam

- 1 Open the front door of the reinforcement unit (see figure 160).



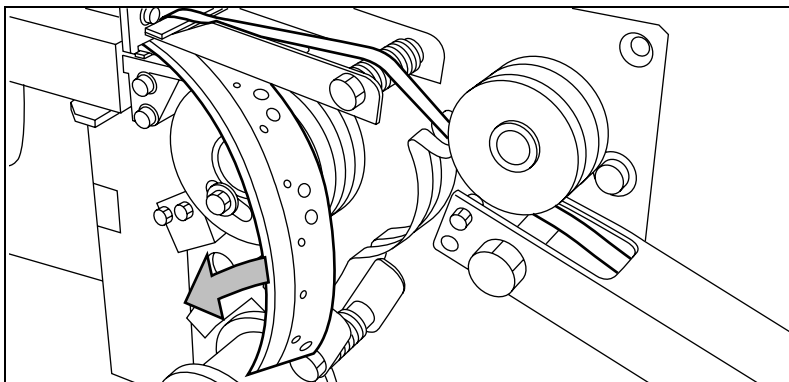
[160] Opening the reinforcement unit front door

- 2 Turn the two guide plates away from the pin roller and lock them into their open position (see figure 161).



[161] Opening the guide plates

- 3 Remove all tape between the rollers and knives (see figure 162).



[162] Removing the tape

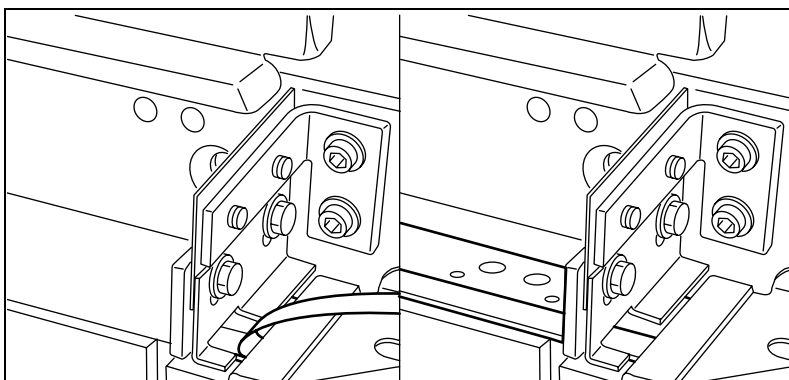
- 4 Lead a new trailing edge of tape between the rollers and knives.

No reinforcement strips on the output without an error message This error occurs when there are no reinforcement strips on the output, although reinforcement is selected.



Solve this error

- 1 Put the printer off line by pressing the on line button on the operating panel.
- 2 Opening the reinforcement unit side door.
- 3 See if there are loose reinforcement strips in the unit with the protection sheet still on (see situation B in figure 163).

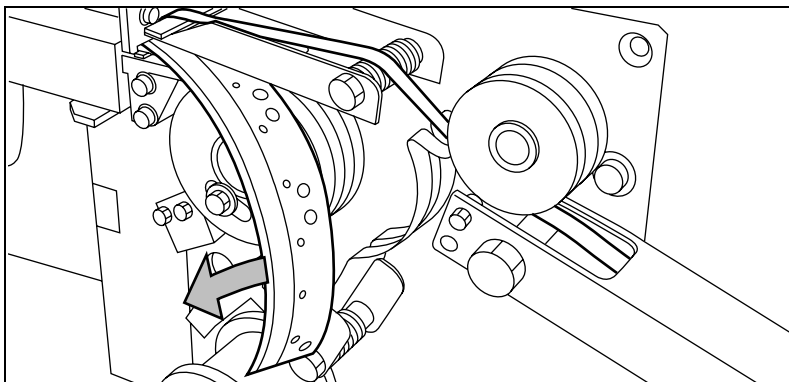


[163] Situation A: No mechanical error Situation B: Mechanical error

- 4 If there are, remove the tape strips in the reinforcement unit.

Note: *If the protection sheet is not on the reinforcement strip (see situation A in figure 163), there is no mechanical error and you should insert a new tape roll as described in 'A new tape roll' on page 232. If this error frequently occurs, you should call the Océ service organization (see 'Other problems' on page 266).*

- 5 Remove all tape between the rollers and knives (see figure 164).



[164] Removing the tape

- 6 Lead a new trailing edge of tape between the rollers and knives. For more information, see 'A new tape roll' on page 232.

Other problems

You can solve most other printer problems by simply pressing the *on line* button, as indicated on the operating panel.

Should there be a problem that cannot be solved in that way, the system displays a 'Call service' message. If this happens, you must call the Océ service organization, turn off the system with the main switch and leave the system as it is.

Chapter 14

Folder

This chapter contains a description of the optional folder delivered with the Océ 9600.



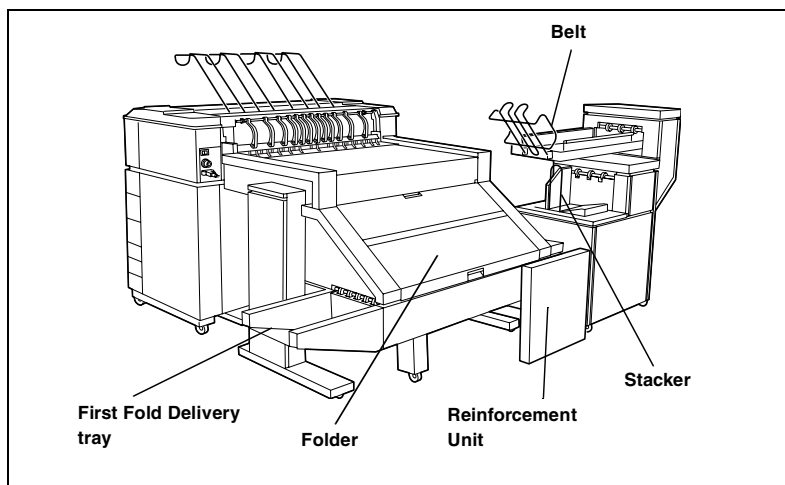
Océ 9600 folder

If you have a folder installed on your Océ 9600 system, the following two optional features are available:

- Reinforcement unit
- Belt unit.

Folder

On your Océ 9600 system, a folder can be installed which allows you to have your copies folded (see figure 165). The copies are folded according to the selected folding width and length in combination with a drawing method. It is only possible to fold paper. Polyester or transparent media cannot be folded. If you try to do so, a media jam may occur.



[165] Océ 9600 folder

Standard folding settings By default, the standard folding settings defined for the Océ 9600 system by the key operator are used. The following settings are available:

- Folded copy delivery (*Stacker or Belt*)
- Folding legend (*Leading or Trailing*).

Note: *In the drivers, this setting is called the 'Folding orientation', with the 'Portrait', 'Landscape' and 'Automatic' options.*

- Drawing method (*Standard (DIN), Ericsson or Afnor-like*)
- Folded package width (range 186 - 230 mm (7.3 – 9 inches) in steps of 1 mm; default 210 mm (8.27 inches))
- Folded package length (range 276 -310 mm (10.87 – 12.2 inches) in increments of 1 mm; default: 297 mm (11.3 inches))
- Binding edge (enabled or disabled; range 15 - 30 mm (0.59 – 1.18 inches) in increments of 1 mm; default 20 mm (.79 inches))
- Reinforcement (enabled or disabled)
- Reinforce A4 (enabled or disabled)
- Maximum number of copies on belt.

You can overrule the standard folding program with settings from the printer driver or the scanner operating panel.

More information about Océ 9600 Plot Director and other printer drivers can be found in the corresponding online help. The use of the Océ 9600 Copier panel for making folding settings is described below.

See 'Finishing (group)' on page 165 for more information about defining default folding settings.

Choosing folding settings from the Océ 9600 Scanner operating panel

- 1 Open the 'Feeding' card in the 'Original' section and press the 'Legend location' function button to select the required legend location ('Leading' or 'Trailing').
Note: Make sure that the legend is always located on the right-hand side to ensure correct positioning of the legend during folding.
- 2 Press the 'Drawing method' function button to select 'Standard', 'Ericsson' or 'Afnor' fold.
- 3 Open the 'Finishing' card in the 'Copy' section.
- 4 Press the 'Folding' function button to select 'Full' or 'First fold only' (see figure 166).
- 5 Press the 'Folded package' function button and change the length and/or width of the folded package, as required, by using the arrow buttons or the numeric buttons.
- 6 If required, press the 'Binding' function button.
Set the required binding edge using the arrow buttons or the numeric buttons.
- 7 Specify other settings as required.
- 8 Feed in the original.

[166] Folding options

Note: Do not select the folder when you are using A4 or letter paper on rolls with a width of 210 mm (8.3 inches) and a length of more than 305 mm (12 inches) on your Océ 9600. Instead, you are advised to select the Integrated Receiving Tray (IRT).

Note: You can also select a drawing method and, if required, a folding length, folding width and binding edge. When changing the folding length and/or folding width and the folder is equipped with a belt, you must also adjust the side guides of this unit.

Folding settings 75 grams

	<i>Output length</i>	<i>Delivery</i>
<i>'Stacker' or 'Belt' selected</i>	< 2.73 yd	Delivered on stacker or belt
	2.5 m - 6 m	First fold only, delivered in first fold delivery
	> 6.56 yd	Unfolded, delivered in IRT
	length known at start	
	> 6.56 yd	Possible paper jam
<i>'First fold only' selected</i>	length <i>not</i> known at start	
	< 6.56 yd	Delivered in first fold delivery
	> 6.56 yd	Unfolded, delivered in IRT
	length known at start	
	> 6.56 yd	Possible paper jam
	length <i>not</i> known at start	

[167] Folding settings 75 grams

Folding settings 110 grams

	<i>Output length</i>	<i>Delivery</i>
<i>'Stacker' or 'Belt' selected</i>	< 1.33 yd	Delivered in first fold delivery
	(3 folds)	
	< 1.33 yd	Delivered on stacker or belt
	(2 folds)	
	> 1.33 yd	Delivered in first fold delivery
	< 2.73 yd	Unfolded, delivered in IRT
<i>'First fold only' selected</i>	> 2.73 yd	
	< 2.73 yd	Delivered in first fold delivery
	> 2.73 yd	Unfolded, delivered in IRT

[168] Folding settings 110 grams

Off line folding

An important productivity feature provided by the Océ 9600 folder, is the possibility to make off line folds. For off line folding the same settings can be made as for normal folding. By default, the predefined settings in the Settings Editor for off line folding are used. Polyester or transparent media cannot be folded. This may result in a media jam.

Off-line folding settings

<i>'Stacker' or 'Belt' selected</i>	<i>Output length</i>	<i>Delivery</i>
	=< 2.19 yd	Delivered on stacker or belt
	2 m - 2.5 m (2 folds)	Delivered on stacker or belt
	2 m - 2.5 m (3 folds)	Stopped in second fold (possible paper jam)
	> 2.73 yd	Unfolded, delivered in IRT
<i>'First fold only' selected</i>	< 6.56 yd	First fold only, delivered in first fold delivery

[169] Off-line folding settings

Note: Use off line folding only for sheets which do not exceed a maximum length of 6 m. If you try to fold a sheet longer than 6 m anyway, an error occurs.

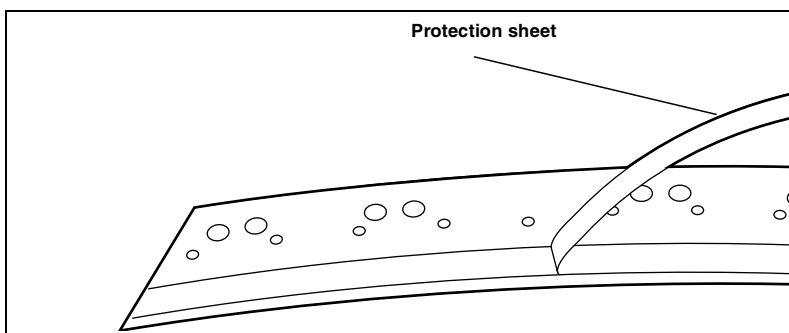
▼ Make off line folds

- 1 Switch the printer off line on the printer operating panel and wait for the printer to finish the jobs that are already in the printer.
Note: Watch the light on the top cover of the folder.
 - If this is off, the printer is on line and off line folding is not possible.
 - If this is blinking slowly, the printer is off line, but the folder is still processing the last prints.
 - If this is blinking rapidly, an error has occurred.
 - If this is on, the printer is off line and you can feed in a sheet.**Note:** Also, refer to the sticker on the top cover of the folder.
- 2 Choose any settings for (off-line) folding on the printer operating panel.
Note: If required, the key operator can change the default settings for folding programs from the Settings Editor. See chapter 10, 'Key operator settings' on page 129 for more information.

- 3 Feed in the sheet of paper *face-down* and with the legend on your *right-hand side*. Also, make sure that you feed in the paper with the legend on the right-hand side (see 'Océ 9600 folder' on page 268 for more information).
Note: *Wait until the light on the folder no longer blinks before you feed in a new sheet. Otherwise, a media jam may occur.*
- 4 Collect your output.

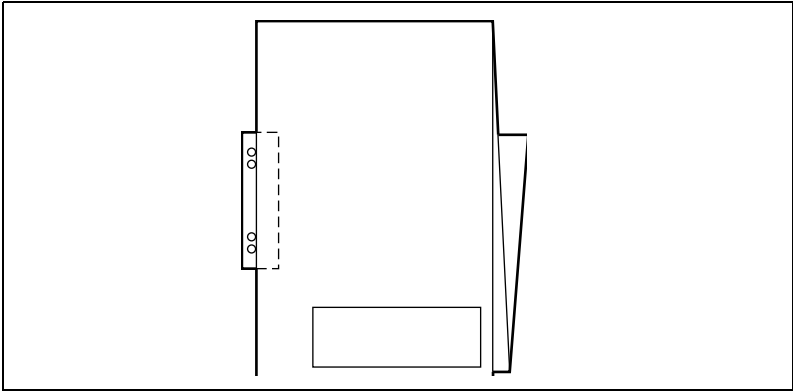
Reinforcement unit

If you install a reinforcement unit, copies can be delivered with a pre-punched, self-adhesive strip (see figure 170).



[170] Example A of a reinforcement strip

With this strip, the copy can be stored in a binder without running the risk of having the punching holes tear out. You can unfold a folded map in a binder without opening the binder mechanism (see figure 171).



[171] Example of a folded map with a reinforcement strip

The optional reinforcement unit supports all media sizes larger than A4. However, A4 size media can also be reinforced if you enable A4 reinforcement in the Settings Editor.

Note: *Reinforcement is only possible with the Standard folding method.*

See 'Reinforcement unit' on page 273 for more information about inserting a new tape roll and other maintenance issues.



Enable reinforcement

- 1 Click on the 'Jobs' button in the Settings editor.
- 2 Select the 'Copy' tab if you want to enable folding reinforcement for copy jobs or select the 'Print' tab if you want to enable folding reinforcement for print jobs.
- 3 Open the 'Defaults' folder.
- 4 Open the 'Finishing' folder.
- 5 Select the 'Folding reinforcement' option.
- 6 Enable folding reinforcement in the right-hand part of the window.
- 7 Click on the 'Apply' button to save any changes you have made.

Belt unit

A belt unit offers a large capacity and more flexibility. On the belt unit, up to 100 A0 prints can be delivered offset and stacked. You can adjust the side guides of the belt, depending on the width of the folded package.

See chapter 10, ‘Key operator settings’ on page 129 for more information about selecting the belt for default print/copy/off line delivery.

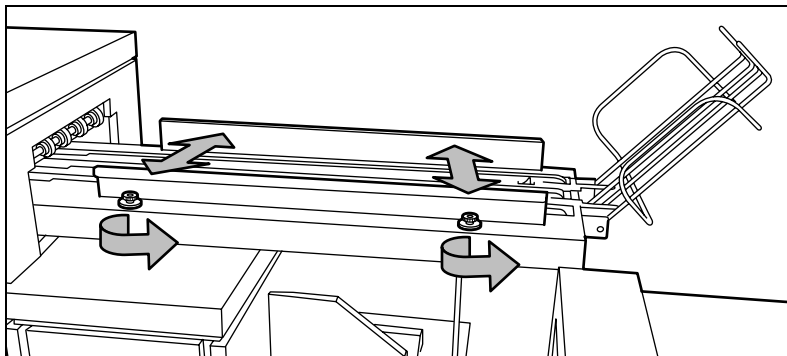
Note: *The belt unit can also be selected from the drivers (including Plot Director) or the copier operating panel. The remote command overrides the key operator setting.*

▼ Selecting belt as folded copy delivery on copier operating panel

- 1 Open the ‘Finishing’ card in the ‘Copy’ section of the copier operating panel.
- 2 Press the ‘Folding’ function button to select full folding.
- 3 Press the ‘Folded copy delivery’ function button to select the belt.

▼ Adjusting the side guides of the belt

- 1 Loosen the nuts (see figure 172).



[172] Adjusting the side guides of the belt

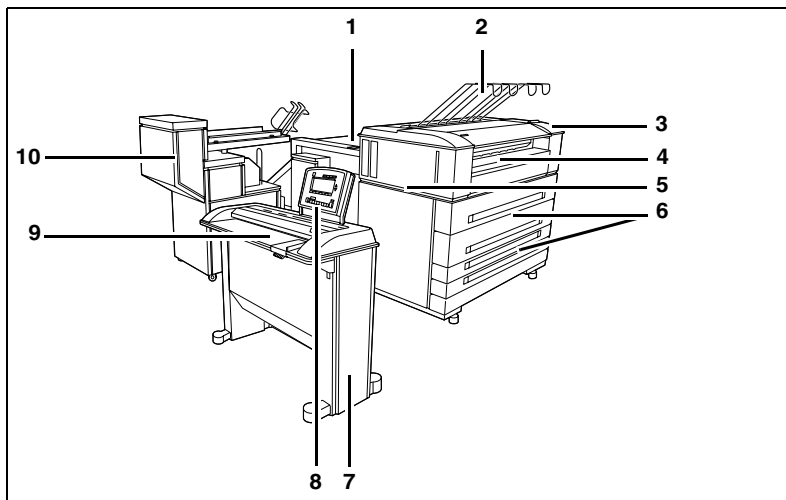
- 2 Adjust the plate in accordance with the width of the fold package.
- 3 Tighten the nuts.

Appendix A

Overview and tables

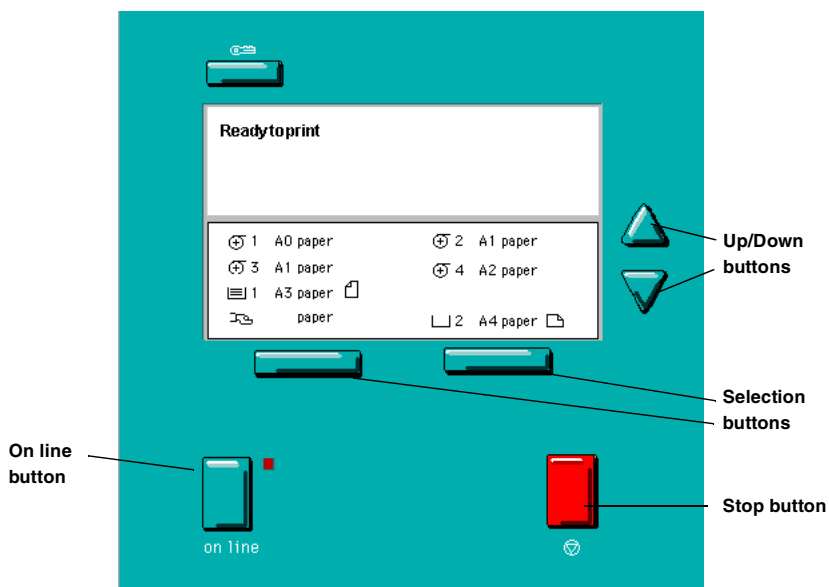


Overview of the Océ 9600 system

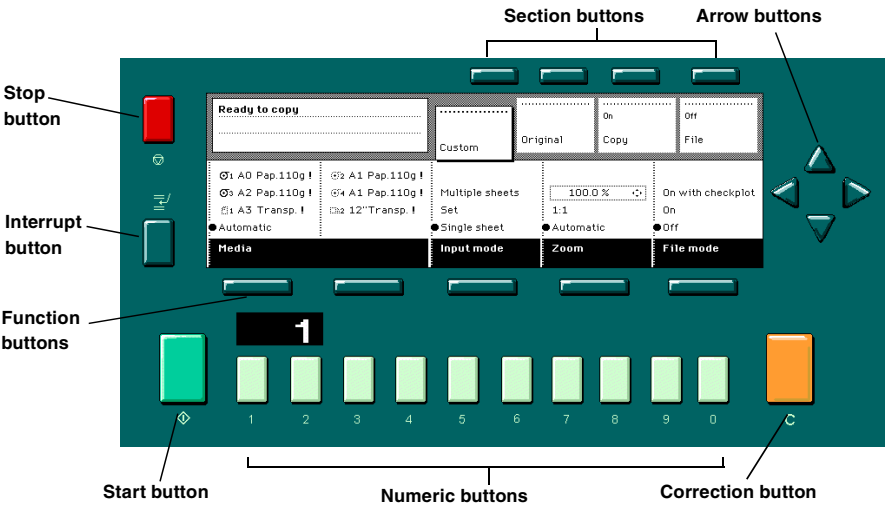


[173] The Océ 9600 system

- 1 Off line folding input
- 2 Integrated receiving tray
- 3 Printer operating panel
- 4 Manual feed
- 5 Printer
- 6 Rolls or cassette trays
- 7 Scanner
- 8 Scanner operating panel
- 9 Scanner feed table
- 10 Folder



Scanner operating panel



Product specifications Océ 9600

The Océ 9600 is a wide format, mid to high volume printing and copying system.

Printer

<i>Technology</i>	Electrophotography (LED head) with organic photo-conductor (OPC) drum and closed toner system
<i>Resolution</i>	400 dpi
<i>Speed</i>	5 linear meters p/min. or approx. 4 A0s p/min.
<i>Media sources</i>	Several possible configurations from 2 to 6 rolls, up to 3 cassette trays, and manual sheet feed
<i>Output sizes</i>	From A4 to A0, up to 15 meters long
<i>Media types</i>	Plain, transparent, recycled, fluorescent and colored papers; films and vellums
<i>Output reception</i>	Standard Integrated Receiving Tray (IRT) for 100 prints
<i>Warm up time</i>	None, instant behavior
<i>Noise level</i>	< 68 dB(A) operating; 0 dB(A) stand-by
<i>Power consumption</i>	< 1500 W operating; < 15 W in low power mode
<i>Electrical requirements</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	55.1 (W) x 57.9 (H) x 29.6 (D) inches, including integrated receiving tray
<i>Weight</i>	From 250 kg (550 lb.) (model with 2 rolls) to 360 kg (792 lb.) (model with 6 rolls and 1 sheet feeder)
<i>Safety approvals</i>	TüV GS, CETECOM, CE, UL, (c)UL, CB, FCC Class B
<i>Functionality</i>	Multiple prints: up to 999 Automatic Language Sensing (ALS) Auto roll/cassette tray selection and switching Plot manipulation: auto-positioning, rotation, auto-scaling File spooling on the controller Set memory: send once, process once, print many; capacity to store up to 250 A0s and create identical sets sorted by page or by set Concurrent receiving/processing/ printing/finishing of digital jobs Sophisticated local and remote user communication system with: Queue Manager application: view status for each job and cancel, hold/restart the entire job System Control Panel application: view status and settings of system components Setting Editor application: customize system settings

Océ 9600 Controller

<i>Platform</i>	Océ Controller with embedded Windows NT
<i>Memory</i>	128 MByte RAM standard, 256 MByte RAM for scan to file
<i>Disk space</i>	High-speed hard disk dedicated to file spooling, and a high-speed hard disk dedicated to set memory offering 250 A0 storage capacity
<i>File formats</i>	HPGL, HPGL2, HPRTL, TIFF 6.0, CALS type 1, NIRS, EDMICS (C4), CalComp 906/907/951, PostScript Level 2 (optional)
<i>Interfaces</i>	Standard: Ethernet 10/100 Mb/s with RJ45 Optional: Ethernet 10 Mb/s with BNC and SubD; TokenRing 4/16 Mb/s; Centronics
<i>Network protocols</i>	TCP/IP, NetBEUI (smb), Novell (IPX, SPX)
<i>Power consumption</i>	<75 W controller; 200 W monitor
<i>Electrical requirements</i>	120/230 V, 50/60 Hz

Scanner

<i>Model</i>	Free-standing console Optional: Original delivery tray
<i>Technology</i>	CCD, Océ Image Logic real-time image processing hardware
<i>Speed</i>	5 linear meters per minute or approximately 4A0s per minute
<i>Original feed</i>	Face down, right aligned Automatic feed off/on Rewind original to front off/on
<i>Originals</i>	Automatic original size detection 8 - 36 inches Original width: 8 - 40.16 in Original length: 6 - 590 inches
<i>Maximum thickness</i>	0,04 in
<i>Exposure control</i>	Automatic, manual fine adjustment <i>Special modes:</i> Lines & Text (default), Photo, Grays & lines, Dark Original, Blueprint, Printed matter
<i>Media selection</i>	Manual or automatic, based on original size (autodetect) and zoom factor
<i>Reproduction scale</i>	Zoom: 25 % - 400 % (adjustable in 1 % and 0.1 % steps) Programmed fixed steps Auto zoom to paper size

<i>Input mode</i>	Single sheet Set (sets processing/set collation) Multiple sheets
<i>Other operating</i>	Concurrent scanning and printing
<i>Functions</i>	Multi-copy mode: 1-999 copies (scan once print many) Pre-programming of next job Programmable default settings Programmable custom card Automatic roll selection Automatic reduction/enlargement Standard cut, synchro cut and custom cut modes Leading and trailing edge adjustment (up to +/- 400 mm (15.75 inches)) Two languages available
<i>Image editing</i>	Image align: Horizontal left, middle, right Image align: Vertical top, middle, bottom Image shift: horizontal/vertical up to +400 mm (15.75 inches) Image mirroring
<i>Noise level</i>	65 dB (A) operating, <45 dB (A) in stand-by
<i>Power consumption</i>	< 110 W operating, < 10 W in stand-by
<i>Electrical requirements</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	51.7 (W) x 22.9 (H) x 53.3 (D) inches
<i>Weight</i>	90 Kg

Scan to file

<i>Applications</i>	Océ Scan Manager, integrated scanning solution
<i>Scan destinations</i>	10 programmable destinations Scan to controller Scan to network directory File Transfer Protocol (FTP)
<i>Resolution</i>	200, 300, 400 dpi
<i>Data formats</i>	Tiff (G3, G4, uncompressed) CALS type 1
<i>Scan modes</i>	Single scan, stream feed productive batch scanning
<i>File naming</i>	Automatically generate unique file names for each scan
<i>Check plot</i>	Single/multiple checkplots
<i>Viewing</i>	View scans at point of scanning
<i>Océ Image Logic</i>	Optimum scan quality with six special original modes
<i>Ease of use</i>	STF from scanner panel, scan directly to destination
<i>Options</i>	Océ View Station: Edit and enhancement software Océ Batch Processor: Automated editing software

Drivers and application software

<i>Océ ADI driver</i>	For AutoCAD 12, 13, 14, Windows 3.x, 95/98 and NT 3.51/4.0
<i>Océ HDI driver</i>	For AutoCAD 2000 Windows 95/98 and NT 4.0
<i>Océ Windows driver</i>	Windows 95/98 and NT 4.0
<i>PostScript Level 2 drivers</i>	For Windows 95/98 and NT 4.0
<i>Océ Plot Director</i>	Job submission software for Windows 95/98 and NT 4.0
<i>Others</i>	Certified drivers for e.g. Microstation, Intergraph and Pro Engineer, provided by the CAD/EDM software supplier

Finishing: integrated Folder

<i>Folding modes</i>	On-line fanfold and crossfold
<i>Folding method</i>	Standard (=DIN-like), Ericsson, Afnor-like; Length: 10.87 – 12.2 inches Width: 7.3 - 9 inches Filing strip: 0.59 – 1.18 inch
<i>Paper size</i>	(20 lb. bond), Width: 11 - 36 inches Length: 8.3 – 236.2 inches fanfold only; 8.3 – 98.4 inches for fanfold and crossfold

<i>First fold exit</i>	Extra bin for fanfold
<i>Noise level</i>	< 67 dB(A) operating; 0 dB(A) stand-by
<i>Power consumption</i>	< 100 W operating
<i>Electrical supply</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	86,61 (W) x 39,25 (H) x 49,61 (D) inches
<i>Weight</i>	485.02 lb
<i>Optional features</i>	Reinforcement unit Belt delivery tray for 100 A0

Finishing: integrated Folder

<i>Folding modes</i>	On-line fanfold and crossfold
<i>Folding method</i>	Standard (=DIN-like), Ericsson, Afnor-like; Length: 10.9 – 12.2 inches Width: 7.3 - 9 inches Filing strip: .59 – 1.18 inch
<i>Paper size</i>	(20 lb. bond), Width: 11-36 inches Length: 8.3 – 236.2 inches fanfold only; 8.3 – 98.4 inches for fanfold and crossfold
<i>First fold exit</i>	Extra bin for fanfold
<i>Noise level</i>	< 67 dB(A) operating; 0 dB(A) stand-by
<i>Power consumption</i>	< 100 W operating
<i>Electrical supply</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	86,61 (W) x 39,25 (H) x 49,61 (D) inches
<i>Weight</i>	485.02 lb
<i>Optional features</i>	Reinforcement unit Belt delivery tray for 100 A0

Finishing: copy delivery tray

<i>Model</i>	Wheeled delivery tray with blower unit
<i>Capacity</i>	Up to 150 sheets (media type dependent) from A4 to A0
<i>Types of media</i>	Plain paper, transparent paper, film, vellum and polyester
<i>Power consumption</i>	< 40 W
<i>Electrical requirements</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	89.4 (W) x 42.9 (H) x 56.7 (D) inches with tray fully extended
<i>Weight</i>	78.26 lb

Original Delivery Tray for scanner

<i>Model</i>	Wheeled delivery tray with blower unit
<i>Capacity</i>	Up to 150 sheets (media type dependent) from A4 to A0
<i>Types of media</i>	Plain paper, transparent paper, vellum and polyester
<i>Power consumption</i>	< 40 W operating
<i>Electrical requirements</i>	120/230 V, 50/60 Hz
<i>Dimensions</i>	46,06 (W) x 42,91 (H) x 56,69 (D) inches Tray fully extended
<i>Weight</i>	78.1 lb.

List of available material types and sizes

Océ machines and materials are matched for optimal quality and performance. It is therefore recommended that you use only approved Océ materials in the Océ 9600.

A full list of Océ materials suited for use in the Océ 9600, including plain paper, transparent paper, colored papers and various polyester films is available from your Océ representative.

Material types The following material types are available for the Océ 9600:

<i>Plain paper</i>	20 to 27 lb. bond	
<i>Transparent paper</i>	20 to 27 lb.	
<i>Vellum</i>	16 - 20 lbs	
<i>Polyester film</i>	3.5 or 4.5 mil	
<i>Special</i>	Colored paper, etc.	
	<i>Minimum</i>	<i>Maximum</i>
<i>Width</i>	8.27 inches	36 inches
<i>Length</i>	11 inches	49 feet

[174] Overview of print material that can be used

Material sizes The following material sizes are available for the Océ 9600:

<i>Format</i>	<i>Width</i>	<i>Length</i>	<i>Format</i>	<i>Width</i>	<i>Length</i>
<i>ISO range</i>			<i>ANSI range</i>		
<i>A4 portrait</i>	8.27"	11.69"	<i>A portrait</i>	8.5"	11"
<i>A3</i>	11.69"	16.53"	<i>B</i>	11"	17"
<i>A2</i>	16.53"	23.3"	<i>C</i>	17"	22"
<i>A1</i>	23.3"	33.1"	<i>D</i>	22"	34"
<i>A0</i>	33.1"	46.81"	<i>E</i>	34"	44"
<i>Format</i>	<i>Width</i>	<i>Length</i>	<i>Format</i>	<i>Width</i>	<i>Length</i>
<i>ANSI PLUS range</i>			<i>Others</i>		
<i>A+ portrait</i>	9"	12"	30"	30"	42"
<i>B+</i>	12"	18"	B1	27.5"	39.3"
<i>C+</i>	18"	24"	B1+	27.83"	1000 mm
<i>D+</i>	24"	36"	B2	19.69 in	27.5"
<i>E+</i>	36"	48"	B2+	19.96 in	27.5"

[175] Overview of material sizes that can be used

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.*

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.*

Appendix B

Safety information



Recommended weight limits

The Océ 9600 can be equipped with 6 rolls. The following recommended weight limits (RWLs) for the roll positions can be calculated based on the NIOSH method (National Institute for Occupational Safety and Health):

Weight limits (in kg and lbs.)

Roll 1	13.5 kg (29.7 lbs.)
Roll 2	8.9 kg (19.6 lbs.)
Roll 3	13.2 kg (29 lbs.)
Roll 4	8.3 kg (18.3 lbs.)
Roll 5	13.3 kg (29.3 lbs.)
Roll 6	8.0 kg (17.6 lbs.)

[176] Recommended weight limits in kg and lbs. without roll loader

Note: Every roll placed in the machine includes a 1.3 kg (2.9 lbs) roll holder.

A roll loader has been designed to allow placement of all available materials in all roll positions without exceeding the RWLs. The roll loader allows you to safely use the following weights per roll:

Weight limits (in kg and lbs.) with roll loader

Roll 1	21.7 kg (47.7 lbs.)
Roll 2	20.5 kg (45.1 lbs.)
Roll 3	22.9 kg (50.4 lbs.)
Roll 4	22.4 kg (49.3 lbs.)
Roll 5	20.1 kg (44.2 lbs.)
Roll 6	21.5 kg (47.3 lbs.)

[177] Recommended weight limits in kg (and lbs.) with roll loader

The following overview shows the weights of some commonly used materials:

Roll weights per material

Plain paper, 24 lb bond, E size, 500 feet	9.7 kg (21.3 lbs.)
Transparent paper 23 lb, E size, 500 feet	8.2 kg (18 lbs.)
Océ polyester film (3.5mil, E size, 150 feet)	11.8 kg (26 lbs.)
Vellum 7500 (20 lb, 36", 500')	11.4 kg (25.1 lbs.)
Engineering bond 45-111 (20 lb, 36", 500')	11.4 kg (25.1 lbs.)

[178] Weights per material

Note: *Weights do not include the 1.3 kg (2.9 lb) roll holder.*

The weight of a stack of sheets never exceeds the RWL.

Caution: *If the Océ 9600 printer is not equipped with the optional roll loader, the NIOSH limit for load handling will be exceeded when rolls of imaging materials having a net weight of more than 7 kg (15.5 lbs) (i.e. a width of more than approximately 50 cm or 20 inches) are placed in the roll positions 2, 4, and 6 by a single person.*

Instructions for safe use

Océ machines and materials have been developed and tested in accordance with the strictest international safety standards. To ensure safety in working with these products, it is important that you observe the following safety rules:

- Do not remove any screws from fixed panels.
- The machine is not user-serviceable except for the components and maintenance materials mentioned in this manual.
- Do not place any liquids in or 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 materials.
- To avoid risks, all modifications to Océ equipment must be performed only by Océ service personnel. We recommend the use of Océ-specified attachment cables.
- Do not bridge any mechanical or electrical circuit breakers.
- Do not use an extension cord to connect the machine.
- Locate the machine close to an easily accessible dedicated 16 A wall socket.
- The switch in the fixed connection (if any) should be easily accessible.
- This machine 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 grounded).
- 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 9600 safety data sheet in this appendix for information about the weight of the machine.
- Make sure 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 9600 safety data sheet in this appendix for information about space and ventilation requirements.
- Always use materials recommended by Océ and developed for this Océ machine. Materials not approved by Océ may result in machine errors or malfunctions.
- Do not use the machine if it is making unusual sounds. Remove the plug from the power socket and contact your key operator.
- Do not open more than one drawer at a time.
- Do not remove the printer supports underneath the Océ 9600.

Safety data sheets

Disclaimer The following disclaimer is valid for all safety data sheets in this manual.

These safety data sheets have been compiled to the best of our knowledge as a condensed 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 such safety precautions as may be necessary, and to contact the company to make sure that the data sheet is the most recent one issued. To the extent that limitation of liability is permitted under applicable law, we do not accept liability for any inaccuracy that may occur in this information.

Safety data sheet Océ 9600 printer and folder

NOT YET AVAILABLE

Safety data sheet Océ 9600 scanner

NOT YET AVAILABLE

Safety data sheet Océ 9600 printer

PRODUCT SAFETY DATA SHEET	
	
Number Date	
E-691-a-US May 1999	
Model	Océ 9600 Printerengine
Description	Electrostatic printer, instant printing, console model, plain paper, organic photoconductive drum, powder toner.
Max. process speed	5m/min.
Dimensions	Width 1400 mm Depth 753 mm Height 1470 mm
Weight	250 kg 50 kg (extra rolldrawer) 25 kg (extra sheet feeder)
Voltage	230 V
Frequency	50-60 Hz
Current-rated	7.5 A
Current-max	10 A
Power consumption, operation	1470 W
Power consumption, standby	50 W
EPA ENERGY STAR™	
* Power consumption, low power	180 W Recovery time < 3 seconds
Mains connection	Cable with plug
Safety class	I (IEC 536) Protective earth connection
Protection class	IP 20 (IEC 529)
Sound pressure level (at operator/bystander position)	Standby: 30 dB(A) In operation: mainbody 50 dB(A); incl. optionals 57 dB(A); mpulse Δ L _p = 3 dB(A)
Sound power level	51 dB(A) mainbody 63 dB(A); incl. optionals 75 dB(A)
Radio interference	Complies with FCC rules and regulations, part 15 class A
Radiation	Below the Threshold Limit Value for UV radiation (TLV list of ACGIH)
Heat emission	Standby 50 W; in operation 1470 W
Ozone emission	0,004 mg/min at continuous operation
Room volume	Recommendation: min. 50 m ³
Room ventilation	Recommendation: min. 25 m ³ /h (natural ventilation) (For heat evacuation extra ventilation may be necessary)
Use simulation at random operation	With a room volume and ventilation as recommended and a daily volume of 210 m (much more than average) the use simulation at random operation gives the following ozone concentrations: - Time weighted average 0,001 mg/m ³ (0,0005 ppm) - Peak 0,002 mg/m ³ (0,0005 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 Material Safety Data Sheet E-218) Océ B5 Toner (Océ Material Safety Data Sheet E-199) Océ D5 Developer (Océ Material Safety Data Sheet E-200) Océ Copying Materials. This apparatus is suitable for processing recycling paper which complies with the requirements of ENV 12281.
Additional safety information	The ozone filter does not have to be replaced for keeping the ozone concentration in the workplace below 0,04 mg/m ³ (the life of the filter equals that of the apparatus)
Listed according to standard UL 1950 and CAN/CSA-C22.2 No.950	
 	
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Note: The contents of this safety data sheet are subject to the disclaimer on page 295 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 reduce air pollution from electricity-generating plants and saves money on your utility bills.

The Océ 9600 is supplied as a printer and as a copier/printer and includes the following separate units:

- 1 Océ 9600 printer
- 2 Océ 9600 controller
- 3 Océ 9600 monitor
- 4 Océ 9600 scanner (copier/printer only)
- 5 Océ 9600 folder (optional)

As an ENERGY STAR® partner, Océ-Technologies B.V. has determined that both the printer and the copier/printer meet the ENERGY STAR® guidelines for energy efficiency.

The EPA ENERGY STAR® criteria involve the following features:

Low power mode The Océ 9600 Printer is shipped with the low power mode default time set at 30 minutes, which means that the device automatically enters the low power mode 30 minutes after the last print is made.(*). The low power mode default time can be adjusted by the key operator to between 5 and 60 minutes. The low power mode recovery time is less than 1 second, after which printing can be resumed ("instant printing", i.e. time to first print less than 40 seconds).

The Océ 9600 has a standby mode which complies with the ENERGY STAR® low power mode criteria for Multifunction Devices.(*). The default time is zero and the recovery time is less than 1 second.

Sleep mode The Océ 9600 is shipped with the sleep mode default time set at 30 minutes, which means that the device automatically enters the sleep mode 30 minutes after the last copy or print is made.(*). The sleep mode default time can be adjusted by the key-operator to between 20 and 60 minutes. The sleep mode recovery time is less than 1 second. Only if a sleep mode default time of 60 minutes still causes you significant inconvenience, due to your particular usage pattern, the key-operator may disable the sleep mode feature.

Recycled paper The use of recycled paper also benefits the environment. The Océ 9600 is designed to use recycled paper. Product literature on recommended types of recycled copier/printer paper can be obtained from your local Océ company or Océ Headquarters (Océ-Technologies B.V.) in Venlo, the Netherlands.

(*) For power consumption data: see the Product Safety Data Sheet in this appendix.



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

Appendix C

Miscellaneous



How to read this manual

The consistent style that is used in this manual enables you to quickly become familiar with the use of this manual and ultimately the Océ 9600.

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 sequentially throughout this manual. Figures include pictures of product components, screen dumps, 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 avoid damage to your copy or original, the copier or printer, data files, etc.*

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

User survey

Did you find this manual to be accurate?

- ☐ Yes
- ☐ No

Were you able to operate the product after reading this manual?

- ☐ Yes
- ☐ No

Does this manual provide adequate background information?

- ☐ Yes
- ☐ No

Is the format of this manual convenient in size, easy to read and layed out well?

- ☐ Yes
- ☐ No

Did you find the information you were looking for?

- ☐ Always
- ☐ Most of the times
- ☐ Sometimes
- ☐ Not at all

How did you find the information you were looking for?

- ☐ Table of contents
- ☐ Index
- ☐ Neither

Are you satisfied with this manual?

- ☐ Yes
- ☐ No

Thank you for evaluating this manual.

If you have any other comments or concerns, please explain them on the following page.

Comments:

Date:

This reader's comment sheet is completed by:

Name (optional):

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Phone:

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City:

Country:

Please return this sheet to:

Océ-Technologies B.V.
Attn: ITC-User Documentation
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Index

"Ready to copy" 47

A

aborting job currently being printed 79
Access 137
add a controller 127
adding toner 227
 replacing waste toner bag 227
applications 120
Apply 136
Automatic language sensing 198
Automatic login 123
automatic login 123
automatically view a scanned file 98
available material types and sizes 11, 288

B

belt unit 268, 275
buttons 29
 higher/lower buttons 31
 on line 18
 selection buttons 29, 41
 stop 29, 41

C

clearing jams 247
 cut sheet feed section 248
 folder 252
 fuser section 250
 manual feeder 249
 roll feed section 248
command line parameters 125
compression 87
connect to a controller 127
Connecting 127
connecting workstations 100

copying 48
 long/short originals 58
counter 28
Custom card 138

D

default settings 41
define settings 53
Defining
 original settings 148
 pen settings 206
 set time-out 189
 zoom calibration 157
delete a scanned file 97
deleting print jobs 80
destination 86
 delete 95
 lock 94
 unlock 95
destination properties 96
destination type 94
Display language 124
Dithering matrix 195

E

editing image 67
enlargement 48
EPA Energy Star 297
exposure
 modifying 48

F

file extension 95
file mode 86
file type 86
 cals 87
 tiff 86
folded copies 268
folder
 belt unit 273
 standard folding program 269

Folder options

- belt unit 268
- reinforcement unit 268
- folding settings 271, 272
- FTP 99
- function buttons 42
- functions
 - Océ 9600 12

G

- General control buttons 135
- get files 99
- glass platen 230
- graphical display (LCD) 27

H

- help 124
- Horizontal zoom calibration 157

I

- install remote logic 115
- instructions for safe use 294

K

- Key operator settings 132
- KOS system
 - introduction 130

L

- language 124
- loading media 219
 - cut sheet material 225
 - rolls 220
 - using roll loader 223
- login 122
- logout 122
- long/short originals 58

M

- manual feed see sheet feed
- manual feeder 18
- media jam
 - belt unit 258
 - cassette tray 248
 - first fold section 252
 - folder 252
 - folder transport section 254
 - fuser section 250
 - manual feeder 249
 - roll feed section 248
 - second fold section 254
- Menu bar 134
- mirror 89
- Multiple sheet 144

N

- non-standard sized originals 58
- number of copies, defining - 48

O

- Océ 9600
 - functions 12
 - manual feeder 18
- Océ 9600 applications
 - Key Operator Settings/System Administrator Settings 20
 - Queue Manager 20
 - System Control Panel 20
- Océ 9600 folder 267
- Océ 9600 Key Operator Settings (KOS) 10, 129
- Océ 9600 printer 12
- Océ 9600 System Administrator Settings (SAS) 191
- off line folding 271, 272
- on line button 18
- operating panel 40
- operating panel printer 26
- optimization 88
 - file size 88
 - scan quality 88

- organization 87
- original delivery
 - selecting front or rear output 53
- Original delivery tray 22
- original jam 245
- originals
 - copying thick - 52, 58

P

- Panel time out 189
- password 122
- pen pattern 206
- Pen settings 206
- pen settings
 - pen pattern 206
 - pen width 206
- pen width 206
- PostScript 203
- print a scanned file 96
- print job
 - managing 10, 73
- print settings 206
- printer buttons 29
- printer settings 10
 - selecting language 35
 - setting a special media indication 32, 34
 - setting media type and size 32
 - starting up and shutting down the printer 31
 - stopping print job 34
- product specifications 281
- properties of a scanned file 97

Q

- Queue Manager
 - aborting active print job 79
 - aborting the job currently being printed 79
 - active print job window 74
 - deleting print jobs 80
 - functions 20, 74
 - introduction 20, 74, 79
 - menu bar 74
 - modes 75
 - pausing print jobs 80

- print queue window 74
- restarting paused print job 80
- restarting paused print jobs 80
- structure 74
- viewing the print queue 79
- window 75
- Queue Manager window 107

R

- recommended weight limits 292
- reduction 48
- reduction/enlargement 48
- reference roller 230
- reinforcement unit 268
- remote logic 113
- removing the folder's Nickel Cadmium battery 298
- resolution 88
- restarting a paused print job 80
- retrieve scanned files 99
- roll holder 220, 223
- Row of buttons 134

S

- safety data sheet
 - Océ 9600 OPC drum 296
 - Océ 9600 printer 296
 - Océ 9600 toner 296
- safety data sheets 295
- safety information 291, 294
- SAS system
 - pen settings 206
- scan manager 90
 - create destination 93
- scan-to-file 81
 - destination 83
 - file mode 83
 - how to 83
 - password 82
 - settings 85
- selecting language 35
- selection buttons 29, 41
- Set time out 189

Set time-out 189
Setting dependencies 132
setting media type and size 32
setting special media indication 34
Settings area 134
Shutting down 131
Single sheet 144
solving problems 266
Sort 144
Standard folding program 269
start button 49
Starting up 131
starting up and shutting down the printer 31
Status bar 136
stop button 29, 41, 55
Stopping a copy job 55
stopping a print job
 Stop button 34
stopping print job 34
supported media 220
System administrator settings 132
System Control Panel (SCP)
 icons 110
 introduction 106
 structure 106

T

table view 91
 file properties 91
temporary store 98
tiff subformat 87
Tree structure 135
tree view 91
 destinations 91
Turning off
 printer 31
turning on
 printer 31

U

Undo 136
up/down buttons 31
Update area 135

User modes 137
user modes 121

V

Vertical zoom calibration 157
view a scanned file 96
View error 104
view station 82, 101
 view a scanned file 84
viewing printer status 105
viewing the print queue 79

W

waste box 240
waste toner bag 227
work on a remote system 127

Z

zoom 48, 88
zoom calibration 157