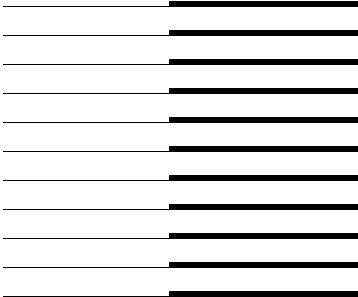




Windows Raster Driver 3



User manual





Océ-Technologies B.V.

This manual provides information regarding the installation and the use of the Océ Windows Raster Driver (WRD).

We recommend that you visit our web site (<http://www.oce.com> - International site) regularly and consult the 'Drivers, Downloads and Support' section in order to download the most up-to-date version of the driver.

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Chapter 1

Principle



What is an Océ Windows Driver?

Definition

The Océ Windows drivers can be used from any Windows application to print to your Océ printer. They translate the data into graphics languages and enable your printer to generate monochrome and colour outputs.

Océ Windows Printer Driver

The Océ Windows Printer Driver (WPD) translates the data into HP-GL/2 (graphics language designed by Hewlett-Packard). It includes the Océ Job Ticket (OJT), a set of information sent to the printer on how, when and where to print the job.

Océ Windows Raster Driver

The Océ Windows Raster Driver (WRD) converts your document into HP-RTL data, the raster transfer language designed by Hewlett-Packard. Your printer recognizes a RTL file, using the built-in automatic language sensing feature. For the Océ TDS printers, it includes the Océ Job Ticket. For the other printers it includes the Océ Ticket, an RCF (Remote Control Format) header added to the HP-RTL file in order to activate printer specific features.

Compatibility

Compatibility for Océ Windows drivers

Operating System compatibility

Océ WPD driver	Océ WRD3 driver
Windows 98, 98 SE (only for Océ TCS400) Windows Me (only for Océ TCS400) Windows NT4.0 (SP5 or higher) Windows 2000 Windows XP Windows Terminal Server Windows Server 2003 Citrix Metaframe	Windows 98, 98 SE Windows Me Windows NT4.0 Windows 2000 Windows XP Windows Server 2003 (see the Connectivity Manual delivered on a CD with your Océ printing sytem) Note: <i>WRD3 is not compliant with Windows Terminal Server.</i>

Printer compatibility

Note: *Previously retrieve your Océ TDS printer version (see Check your Océ TDS version).*

Océ WPD driver	Océ WRD3 driver
Océ TCS400 Océ TDS300 Océ TDS400 1.4.3 and higher Océ TDS600 3.2.3 and higher Océ TDS800 1.3.3 and higher	Océ TDS300 (Windows 9x, Me only) Océ TDS400 1.4.1 and below Océ TDS600 3.2 and below Océ TDS800 1.3 and below Océ 9300 Océ 9400 Océ 9400-II Océ 9600 Océ 9700 Océ 9800 Océ 5120 Océ 5150 Océ 5200 Océ 5250

Application compatibility

Océ Windows drivers are designed to be compatible with all the Windows applications.

Note: *Specific optimisations for AutoCAD-based applications are available in the Océ WPD driver, starting with version 1.7 Get correct optimisations for AutoCAD-based applications.*

Compatibility table

To know which driver to install on your workstation, you must take into account the printer version and the operating system. Check the compatibility table below:

If Printer	And workstation Operating System	Driver to install
Océ TCS400	All Windows OS + Metaframe	WPD
Océ TDS300	Windows 9x, Me	WRD3
	Windows NT, 2000, XP, Terminal Server, Server 2003, Metaframe	WPD
Océ TDS400	Windows 9x, Me	WRD3
v 1.4.1 or below	Windows NT, 2000, XP, Server 2003	WRD3
v 1.4.3 or higher	Windows NT, 2000, XP, Terminal Server, Server 2003, Metaframe	WPD
Océ TDS600	Windows 9x, Me	WRD3
v 3.2 or below	Windows NT, 2000, XP, Server 2003	WRD3
v 3.3.3 or higher	Windows NT, 2000, XP, Terminal Server, Server 2003, Metaframe	WPD
Océ TDS800	Windows 9x, Me	WRD3
v 1.3 or below	Windows NT, 2000, XP, Server 2003	WRD3
v 1.3.1 or higher	Windows NT, 2000, XP, Terminal Server, Server 2003, Metaframe	WPD
Océ 9x00 family	All Windows OS	WRD3
Océ 5xx0 family	All Windows OS	WRD3

[1] General compatibility table

'Advanced accounting'

This option is only compatible with:

- Océ TCS400 2.2 and higher
- Océ TDS400 2.1 and higher
- Océ TDS600 4.1 and higher
- Océ TDS800 2.1 and higher

Check your Océ TDS printer version

Introduction

To make sure that you are installing the Windows driver compliant with your Océ TDS printer version, you can check your printer controller version number. Then, see the Compatibility table to know which driver is optimised with your printer and your workstation operating system.

When to do

Check your printer version before the installation or the update of your Windows driver.

Check your Océ TDS version

1. From your Océ TDS Controller, access the Océ System Control Panel.
2. From the System menu, select 'Print settings'. It launches the Dump-config print.
3. On the printout, on the 'Control-parameters (22-1)' section, check the 'Release number controller'.

Result

According to the 'Release number controller', find out your Océ TDS version and the driver to install in the tables below:

If	Then
The 'Release number controller' is below 6.1	your Océ TDS400 version is 1.4.1 or below. your Océ TDS600 version is 3.2 or below. your Océ TDS800 version is 1.3 or below.
The 'Release number controller' is 6.1.x or higher	your Océ TDS400 version is 1.4.3 or higher. your Océ TDS600 version is 3.2.3 or higher. your Océ TDS800 version is 1.3.3 or higher.

[2] Océ TDSx00 printers versions

Then, (see table 1 on page 11) to know which driver is compliant with your Océ TDS printer.

Configuration requirements

Configuration requirements for Océ Windows drivers

Processor

- Pentium II, 233 MHz

Disk space

- 300 MB required for the spooler while printing

RAM

- 64 MB for Windows 98 and Windows Me.
- 128 MB for Windows NT and Windows 2000.
- 256 MB for Windows XP.

Advanced accounting (only for Océ WPD driver)

- Internet Explorer 6.0

Note: *You may have to check the 'Bypass proxy server for local addresses' in the Internet Options (LAN settings).*

Driver presentation

Access the Océ Windows driver

Introduction

You can access the Océ Windows driver:

- from your application
- from your desktop

Access from the application

1. Open your application.
2. Open a document.
3. Select **File - Print** or **File - Page Setup**
4. Choose the printer.
5. Click 'Properties'

Access from your desktop

1. Select **Start - Settings - Printers** or **Start - Settings - Printers and Faxes**
2. Right-click on the printer.
3. Select:
 - 'Document Defaults...' (Windows NT)
 - 'Printing Preferences...' (Windows 2000/XP)
 - 'Properties' (Windows 98)

Driver presentation

Introduction

The Océ Windows Driver is made of 5 main tabs for the Océ black and white printers, and 3 main tabs for the Océ color inkjet printers.

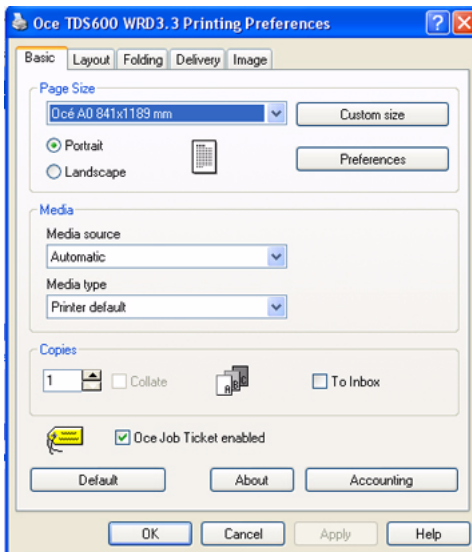
Definition

The tabs display the settings available on you printer that you can set directly from the workstation.

Basic tab

The Basic tab contains all the basic commands used to print your file without specific transformation.

Illustration

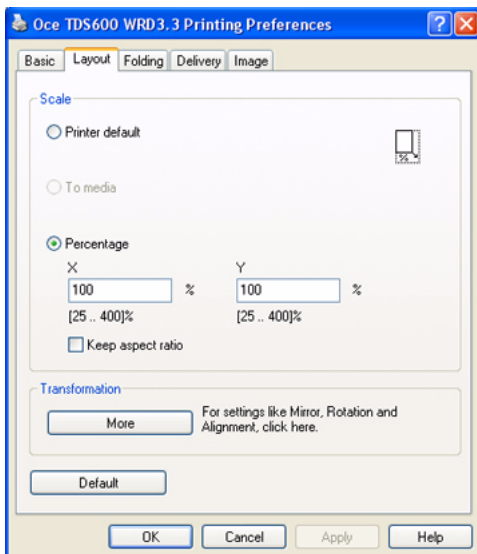


[1] Basic tab - Océ TDS600 printer

Layout tab

The Layout tab displays the settings relative to the scaling (for all Océ printers) and to the transformation options (for black and white printers only).

Illustration

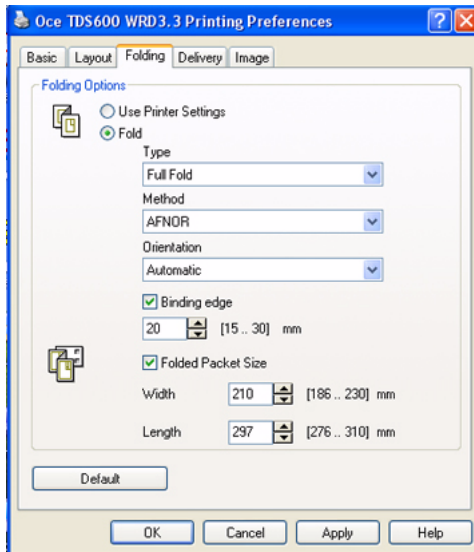


[2] Layout tab

Folding tab (black and white printers only)

The Folding tab contains all the options available to fold the output (method, type, size...) according to your printer folding unit.

Illustration

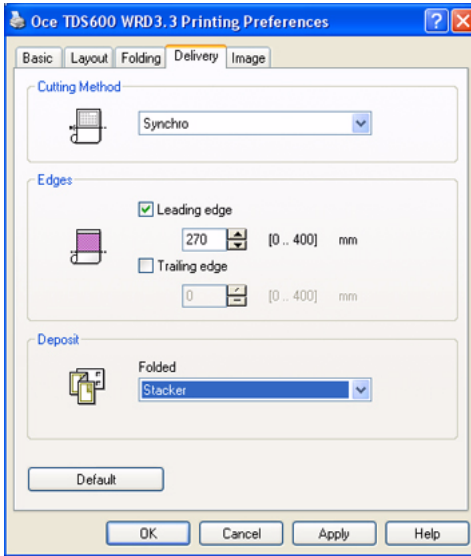


[3] Folding tab

Delivery tab (for black and white printers only)

The Delivery tab allows you to define the finishing settings of the output, (cutting options, edges, deposit...).

Illustration

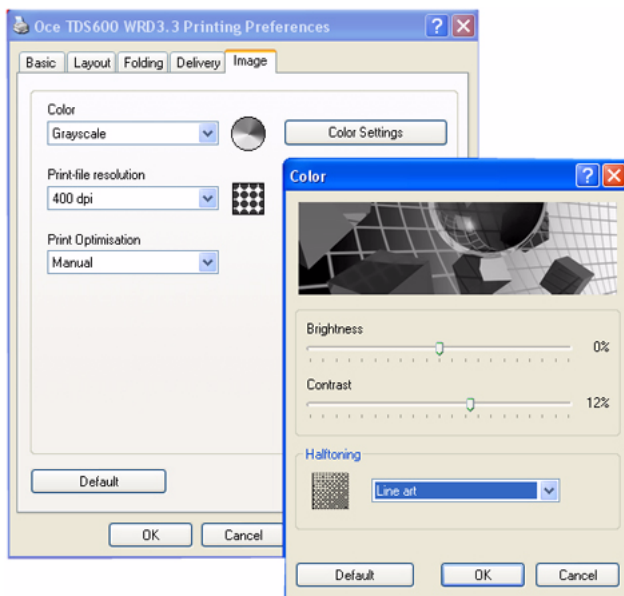


[4] Delivery tab

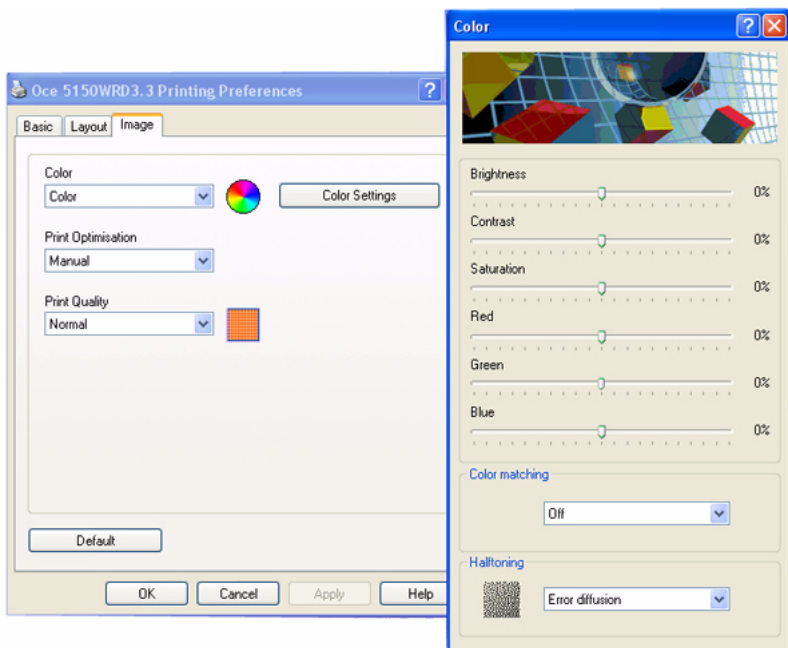
Image tab

The Image tab gives access to all the color and image definition settings, according to your Océ printer.

Illustration



[5] Image tab - Océ TDS600 printer



[6] Image tab - Océ color Inkjet printer

Chapter 2

WRD3 Installation on a workstation



Introduction

Introduction

The installation of the WRD drivers requires installation files that you can get either from the Océ Driver Pack CD or from the 'Drivers, Downloads and Support' section of the Océ international web site **<http://www.oce.com>**.

Principle

The method used to install the driver depends on:

- your network architecture.
- where you got the installation files.

This chapter guides you through the installation of the Océ WRD3 software on a workstation. Once you have successfully installed the driver, see the configuration chapter for a full explanation of how to use the options and dialogue boxes.

Note: *To get the installation process on a Print server, consult the Connectivity Manual which is delivered on a CD with your printer.*

Before you begin

Attention: *You must un-install the WRD2 driver before installing the WRD3 driver (see ‘WRD2 Un-installation’ on page 106).*

Note: *When you install the WRD3 driver for several printers on a workstation, make sure that the same installation language is selected.*

NT Service Pack

When using Windows NT 4.0, you will need the NT Service Pack 6 or higher for correct operation of the driver.

Océ TDS version and Windows driver compatibility

To make sure that you have selected the driver according to your printer version, follow the procedure (see ‘Check your Océ TDS printer version’ on page 13) and check which is the correct driver to install, in the compatibility table.

Check your Océ TDS printer version

Introduction

To make sure that you are installing the Windows driver compliant with your Océ TDS printer version, you can check your printer controller version number. Then, see the Compatibility table to know which driver is optimised with your printer and your workstation operating system.

When to do

Check your printer version before the installation or the update of your Windows driver.

Check your Océ TDS version

1. From your Océ TDS Controller, access the Océ System Control Panel.
2. From the System menu, select 'Print settings'. It launches the Dump-config print.
3. On the printout, on the 'Control-parameters (22-1)' section, check the 'Release number controller'.

Result

According to the 'Release number controller', find out your Océ TDS version and the driver to install in the tables below:

If	Then
The 'Release number controller' is below 6.1	your Océ TDS400 version is 1.4.1 or below. your Océ TDS600 version is 3.2 or below. your Océ TDS800 version is 1.3 or below.
The 'Release number controller' is 6.1.x or higher	your Océ TDS400 version is 1.4.3 or higher. your Océ TDS600 version is 3.2.3 or higher. your Océ TDS800 version is 1.3.3 or higher.

[3] Océ TDSx00 printers versions

Then, (see table 1 on page 11) to know which driver is compliant with your Océ TDS printer.

Select the correct installation method according to your network architecture

Definition

According to your network architecture, you can use different methods to install the Océ Windows driver on a user **workstation**. Océ recommends to use:

- the 'Add (a) printer' method in a Client/Server configuration
- the 'Setup' method when the workstation is directly connected to the printer (peer to peer).

Note: *Contact your local network administrator to know your network configuration and to get information about the printer to address.*

Peer to peer configuration : use the 'Setup' method

When the workstation is directly connected to the printer (through a network for example), Océ recommends to:

- Use the 'Setup' method, from the Océ Drivers Pack CD (see 'Install Océ WRD3 from the Driver Pack CD-Rom' on page 30), or from the setup.exe file downloaded from the web (see 'Install Océ WRD3 after a web download' on page 31).
- If you need to uninstall the printer, remove it using the 'Add/Remove Programs'Automatic uninstall after a setup.exe installation.

Illustration

Peer to peer configuration

Driver 'Setup' method



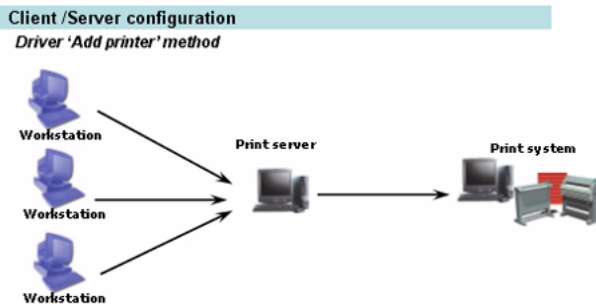
[7] Peer to peer configuration

Client /Server configuration : use the 'Add (a) printer' method

In a Client/Server configuration, you connect the workstation to the print server. Océ recommends to:

- Use the 'Add Printer Wizard' (see '*Install Océ WRD3 using the 'Add (a) printer' method*' on page 32) to install a 'Network printer'. As the wizard installs elements coming from the print server, make sure that the latest version of the driver is installed on the print server (contact your local system administrator).
- If you need to uninstall the printer, 'Delete' it following the procedure Manual uninstall after a standard Windows Add Printer Wizard installation.

Illustration



[8] Client / Server configuration

Installation using the setup.exe method

Install Océ WRD3 from the Driver Pack CD-Rom

Introduction

The installation of the Océ WRD3 driver from the Océ Driver Pack CD-Rom depends on the printer you want to use the driver with.

Note: *You need the System Administrator rights on your computer to install the driver under a Windows NT, 2000 or XP platform.*

Installation for the Océ 9x00 series and Océ inkjet printers (5120, 5150, 5200, 5250)

1. Log on as the System Administrator of your computer.
2. Insert the Océ Driver CD-ROM in the CD drive.
3. Click on 'Install Products'.
4. Select your printer.
5. Select 'Windows Raster Driver'.
6. Click on 'Install'.
7. For the next steps, follow the installation procedure (see 'Install the driver' on page 31).

Installation for the Océ TDS printers

Caution: *Check your Océ TDS version (see 'Check your Océ TDS printer version' on page 13) before launching the installation.*

1. Log on as the System Administrator of your computer.
2. Insert the Océ Driver CD-ROM in the CD drive.
3. Click on 'Install Products' and select your Océ TDS printer.
4. Select 'Windows Driver'.
5. Select the operating system.
Note: *If you have selected the Windows NT/2000/XP platform, click on your TDS version.*
6. Click on 'Install'.
7. For the next steps, follow the installation procedure (see 'Install the driver' on page 31).

Install Océ WRD3 after a web download

Note: *If you are installing the driver on a Windows NT, 2000 or XP platform, you need the administrator rights on your computer.*

Get the installation files

1. Go to the Océ International web site (<http://www.oce.com>).
2. From the 'Drivers, Downloads and Support' section, go to 'Drivers'.
3. Select the driver to install and click 'Go'.
4. Follow the download and retrieval instructions.
5. Once the zipped.exe file is downloaded on your local directory (if you keep the default name: \OCEWRD3), double-click on it and unzip it.
6. Log on as the system administrator of your computer, and go to the directory where you extracted the installation files.

Install the driver

1. Launch the installation (double-click on setup.exe).
2. Choose the set-up language and click 'Next'.
3. Read the licence agreement and check the 'I accept the terms...' box.
4. Click 'Next'.
5. Select your printer model and click 'Next'.
6. Select your workstation Windows platform.
7. Select 'No' as a printer is not shared on a workstation.
8. Click 'Next'.
9. Select the output port and a name for the new printer.
Note: *Contact your network administrator to know which port to select.*
10. Indicate whether you want to use the printer as the default one and click 'Next'.
11. You can add information about location and comments.
12. Click 'Next' and 'Finish'.
13. Restart Windows if requested.

Installation using the 'Add a printer' wizard

Install Océ WRD3 using the 'Add (a) printer' method

Introduction

If you are in a Client/Server network configuration, Océ recommends to install the WRD3 driver on the workstation using the 'Add (a) printer' method. In this case, the version of the driver installed on the workstation is the same as the one on the print server.

Before you begin

Before installing WRD3 for an Océ TDS printer, check your TDS version (see 'Check your Océ TDS printer version' on page 13).

Note: *You need the System Administrator rights on your computer to install the driver under a Windows NT, 2000 or XP platform.*

Note: *The 'Add Printer Wizard' is slightly different from a Windows Operating System version to another, but the global procedure remains the same. The procedure below describes an installation via the 'Add Printer Wizard' under Windows XP.*

Install Océ WRD3 using the 'Add Printer Wizard'

1. Open the **Start - Settings - Printers and Faxes** window.
2. Double-click 'Add (a) printer' to launch the installation wizard.
3. Click 'Next'.
4. Choose to set up a 'Network printer' and click 'Next'.
5. Select 'Connect to this printer...' and either:
 - enter the name of the printer, provided by your local network administrator.
 - or click 'Next' to browse for the print server and select the printer queue.
6. Click 'Next'.
7. Indicate whether you want to use the printer as the default one and click 'Next'.
8. Click Finish.
9. Restart Windows if requested.

Result

Open **Start - Settings - Printers** (or **Start - Settings - Printers and Faxes**) to check for the presence of your new printer in the list.

Un-installation

Uninstall the Océ Windows driver

Introduction

Note: *Make sure the printer is not in use.*

Do not mix Installation/Uninstallation procedure with the different methods, use one of the following options:

Automatic uninstall after a setup.exe installation

1. Log on as the System Administrator of your computer (for Windows NT, 2000/XP).
2. Select **Start - Settings - Control Panel**.
3. Choose 'Add/Remove Programs'.
4. Select your printer model.
5. Click 'Add/Remove' or 'Change/Remove'.
6. Click 'Next'.
7. Select the printer to uninstall.
8. Click 'Next'.
9. Click 'Finish'.
10. Restart Windows if requested.

Manual uninstall after a standard Windows 'Add Printer Wizard' installation

1. Select **Start - Settings - Printers**.
2. Right-click on the printer and choose 'Delete'.

Manual uninstall after an installation from the network printer (Windows 2000/XP)

1. Select **Start - Settings - Printers and Faxes**.
2. Right-click on the printer and choose 'Delete'.
3. Click on the printer to uninstall and select **File - Server Properties**.
4. Go to the 'Drivers' tab.
5. Select the Océ Windows Driver you want to delete.
6. Click 'Remove'.

Chapter 3

Océ WRD3 configuration

You can configure your driver to get the output you want: this section describes the printing settings managed by the Océ Windows Raster Driver 3.

Note: *The availability and behaviour of some options are dependent on the printer you are using: the Océ TDS printers (black and white), the Océ 9x00 printers (black and white) or the Océ Inkjet printers (Colour).*



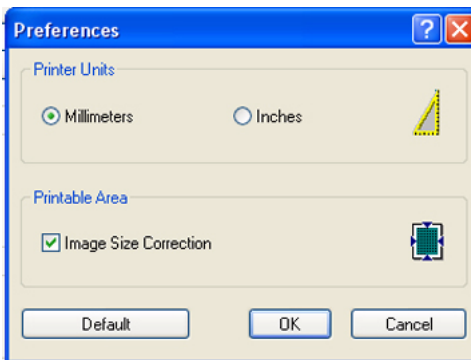
Important principles

Printer units

Introduction

You can define the Printer units by clicking on the 'Preferences' button.

Illustration



[9] Preferences

Units

This feature allows to change the units used in the driver interface ('Custom size', 'User-defined', 'Shift').

'Printer default'

Printer default

When you select 'Printer default' in the driver, the printer applies the settings defined on the printer controller.

Océ Job Ticket / Océ Ticket

Definition

The Océ Job Ticket / Océ Ticket is a set of information sent to the printer on how, when and where to print the job. It gives access to the advanced printers features.

Attributes

- The Océ Job Ticket (OJT) is available for the Océ TDS printers.
- The Océ Ticket (RCF) is available for the Océ 9x00 printers and Océ color inkjet printers.

The default value is 'On'. Setting this option to 'Off' will send the document to the printer without adding a ticket and will disable many settings in the driver.

Impacts of the Océ (Job) Ticket

You must enable the Océ Job Ticket or the Océ Ticket to define the following features:

- Transformation ('Scale', 'Rotation', 'Mirror', 'Shift'...)
- 'Cut size'
- Folding
- 'Print quality'
- 'Copies'
- 'Accounting'

Note: *The 'Océ Job Ticket enabled' or the 'Enable Océ Ticket' option is enabled by default. If you uncheck it, the document is sent to the printer without the ticket, and many settings in the driver are disabled.*

Accounting

Accounting function (for black and white printers only)

Definition

The Océ Windows Raster Driver offers user account capabilities for Océ TDS400, Océ TDS600, Océ TDS800, Océ 9700 and Océ 9800 printers. Accounting is available on the 'Basic' page by clicking the 'Accounting' button.

When you enable this function, it sends a 'User ID' and an 'Account ID' attached to each printout file submitted to the printer.

User name (available for the Océ TDS printers only)

The default user name is your login and cannot be modified.

'User ID'

Enter the 'User ID', in the range 0-999999999 (nine digits). Non numeric values are rejected.

Note: *The 'User ID' is automatically filled in from the previous job. You can change it if required.*

'Account ID'

Enter the 'Account ID', in the range 0-999999999 (nine digits). Non numeric values are rejected.

Note: *The 'Account ID' is automatically filled in from the previous job. You can change it if required.*

Select the page and media features

In the driver, it is important to notice the differences between page and media. Page is the page as you see it in your application whereas media is the support on which the page is printed.

Define the 'Page size'

Introduction

This feature allows to select the format of your page among the list of predefined size (in the 'Page size' list). You are also allowed to define your own page size for the current printout only ('User-defined') or to store it for several uses ('Custom size' option).

Page size settings

Setting	Description
'Page size' list	<p>A4, A3, A1... Standard paper sizes.</p> <p>'User-defined': a window is displayed where you can define your own size values, for the current output only. Use this option to print on special cut sheet forms or rolls that do not match the usual industrial standard format (as this format is not stored, you do not need administration rights to define it).</p> <p>Make sure that the size selected corresponds to the media size loaded in your printer.</p> <p>Note: <i>Your application software may override this setting. Check the paper size enabled in the application before submitting a print.</i></p>
'Custom size'	<p>Available on Windows NT, 2000, XP.</p> <p>This option allows you to create, store and modify several non-standard paper sizes and give each one a name, which makes it easier to re-use them from the 'Page size' list. The option is mostly used when you intend to print on company-standard cut sheet forms or roll widths which are not matching industry-standard format.</p> <p>Note: <i>The 'Custom size' function is available only if you are logged with the administrator rights.</i></p> <p>Note: <i>If 'User-defined' is selected in the 'Page size' list, the 'Custom size' button is no more available.</i></p> <p>Note: <i>Custom sizes are always saved in 'Portrait' orientation ('Width' inferior to 'Length'). To use them in 'Landscape' orientation, check the 'Landscape' option in the 'Basic' page (see 'Portrait' / 'Landscape' on page 45).</i></p>

Define custom paper size

Purpose

This option allows you to create several non-standard paper sizes and give each one a name, in order to reuse them.

When to do

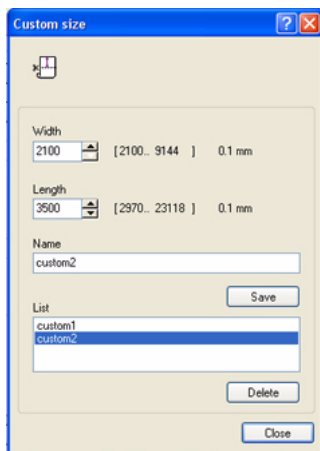
This option is mostly used when you intend to print on company-standard cut sheets forms or roll widths which are not matching industry standards formats.

Before you begin

Go to the 'Basic' tab, click 'Preferences' and make sure that the correct unit (millimeters or inches) is selected.

Note: *The custom paper size option is available only on Windows NT, Windows XP and Windows 2000.*

Illustration



[10] Custom paper size

Define and save a new custom size

1. Click the 'Custom size' button to open the 'Custom size' window.
2. Enter the new width and length values.

Note: *The entered values must not undervalue / overvalue the limits defined between brackets beside the control, otherwise they would be rejected.*

3. Enter a name for this new paper size in the 'Name' field.
4. Click on 'Save' to add it to the custom list.

This new paper is stored permanently until you remove it from the list, using the 'Delete' button.

5. Close the 'Custom size' window to return to the 'Basic' page. The newly format is now available in the 'Page size' list.

'Portrait' / 'Landscape'

Definition

This feature allows to select the page orientation. It defines the orientation of the data generation within the page.

Note: *The page orientation by default is 'Portrait'.*

Define the page orientation

To avoid clipping, the page orientation in the driver must be the same as the one defined in application. If orientation in the driver is changed, only the page orientation will change. No graphic objects will be rotated.

Note: *To avoid clipping, some applications (e.g. Microsoft Word) ignore the orientation defined in the printer driver and always force application-defined orientation. The document in this application can contain pages with different orientations. All pages will be printed with correct orientation due to the specific behaviour of the application.*

Media source and type

Introduction

The 'Media source' and 'Media type' settings allow you to define the features of the media on which the file is printed out.

Note: *The 'Media source' is available for black and white printers only.*

Media settings

'Media source':

Select the source of media to be used in the pop-down list.

Setting	Description
'Automatic'	Enables automatic selection of the proper media source (roll or tray) according to the size of the output.
Roll or tray	You force a selected media.
'Manual feed'	Select this option if you use cut sheets.

[4] 'Media source' settings (for black and white printers only)

'Media type':

Select the type of media to be used in the pop-down list.

For the Océ 9600, Océ 9700 and Océ 9800 printers, the 'Media type' is available only if 'Media source' is set to 'Automatic'.

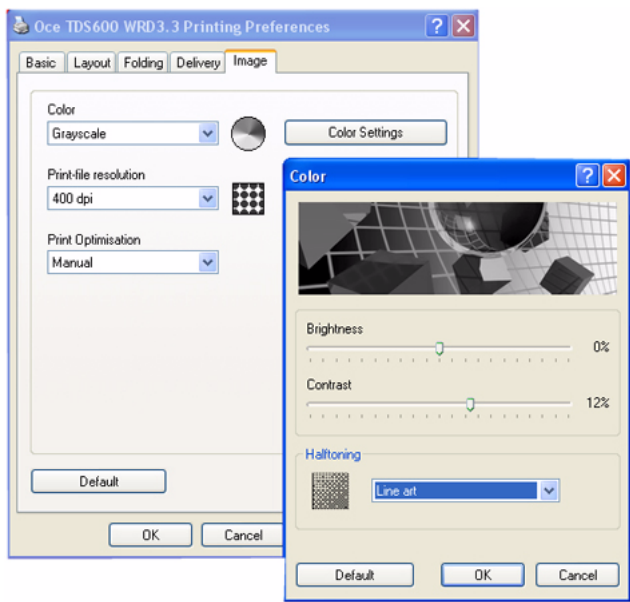
For the Océ TDS printers, the 'Media type' is not available if you select a specific roll or tray in 'Media source'.

Get the correct image rendering

On the driver, the image and quality settings are available from the 'Image' tab and the 'Color' window. They allow you to set the colour modes and settings, and to adjust the quality of the printout according to its content.

Set the color and print quality settings for Océ black and white printers

Illustration



[11] Océ black and white printer - 'Image' tab

Color modes and settings

Setting	Description
'Color'	This feature allows you to toggle between the 'Grayscale' and 'Black & White' (every non-white color is treated as black) colour mode.

[5] Colour modes

Note: The 'Color settings' button is available only if the 'Color' is set to 'Grayscale' and the 'Print optimisation' is set to 'Manual', these controls affect the rendering of the printout.

The image to the top of the window shows a representation of the effect of change made to the printout.

Setting	Description
'Brightness' and 'Contrast'	Use the corresponding sliders to modify the value in the range -50% to +50%. The default value is 0% when 'Print optimisation' is set to 'Manual'.
'Halftoning'	<p>Halftone refers to a type of pattern that is applied to printed images. By using combinations of black dots, these patterns produce a gray appearance on the printed page. The 'Halftoning' control allows you to select the fine dot pattern with which images are created when they are printed.</p> <p>'Fine': to be used for draft prints, it optimizes the quality, the file size and the printing time average.</p> <p>'Coarse': to be used for draft prints, the quality and file size is below average, but the printing time is short.</p> <p>'Line art': to be used for line drawings.</p> <p>'Error diffusion': to be used for printing pictures. The file size tends to be big but it offers the best results in any cases. Use the 'Error diffusion' option if you want to enhance photographs and produce smoother-looking quality pictures.</p> <p>'Stochastic': to be used for printing pictures. The quality is a bit lower than 'Error diffusion' but the file size is generally smaller (only on Windows NT, 2000, and XP).</p> <p>Note: <i>Text output quality is excellent with all halftoning methods. The image to the left of this drop down list shows a representation of the effect of change.</i></p>

[6] Colour settings

Print quality

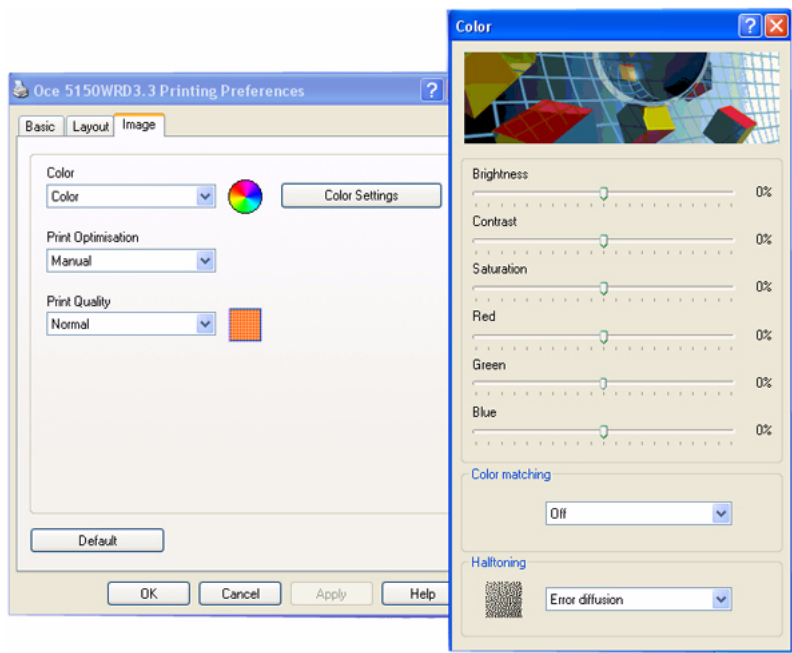
You can adjust the quality settings according to the content of the printout.

Setting	Description
'Print-file resolution'	From 100 dpi to 600 dpi, according to the printer. Higher resolutions produce graphic images that are sharper and show finer details. The higher is the resolution, the bigger is the file.
'Print optimisation' For Océ TDS series only	This option allows you to adapt the print process to optimize print quality depending on the content of the document. 'Standard': no special optimization. 'Lines/Text': print process optimized for detailed information, such as sharp lines and text (which are seen from nearby). 'Poster': recommended for large outputs and graphic arts applications (which are seen from a distance). 'Manual': select this mode if you wish to have more control over your output ('Color settings').
'Poster mode' For Océ 9300, Océ 9400 and Océ 9400-II printers	Set the Poster mode to 'On' to improve the darkness of large areas of black (recommended for large outputs and graphic arts applications). If you select the 'Off' value, the printer applies no special optimization.

[7] Print quality settings

Set the color and print quality settings for Océ Color Inkjet printers

Illustration



[12] Océ Color Inkjet - Image tab

Color modes and settings

Setting	Description
'Color'	This feature allows you to toggle between the 'Color', 'Grayscale' and 'Black & White' (every non-white color is treated as black) colour mode.

[8] Color modes

Note: The 'Color settings' button is available only if the 'Color' is set to 'Color' or 'Grayscale' and the 'Print optimisation' is set to 'Manual', these controls affect the rendering of the printout.

The image to the top of the window shows a representation of the effect of change made to the printout.

Setting	Description
'Brightness', 'Contrast', 'Saturation' and RGB values	Use the corresponding sliders to modify the value in the range -50% to +50%. The default value is 0% when 'Print optimisation' is set to 'Manual'.

Setting	Description
'Color Matching'	<p>The Océ color correction system supports three predefined rendering intents, according to the printing requirements:</p> <p>'Business graphics': produces good results for business graphics such as pie charts and other schematic diagrams.</p> <p>'Photographic images': to be used for pictures. Choose this setting for printed images that you want to have smooth, realistic and photographic appearance. The 'Photographic images' setting provides soft contrasts between various shades of gray. This setting also works well for images originally designed with color.</p> <p>'Computer arts': optimizes graphic art. Choose this setting for graphic images with intricate lines and fine detail, like clip art graphics. The 'Computer arts' setting provides solid lines and sharp contrasts between shaded areas.</p> <p>'Off': no specific rendering is applied.</p>

Setting	Description
'Halftoning'	<p>Halftone refers to a type of pattern that is applied to printed images. By using combinations of black dots, these patterns produce a gray appearance on the printed page. The 'Halftoning' control allows you to select the fine dot pattern with which images are created when they are printed.</p> <p>'Fine': to be used for draft prints, it optimizes the quality, the file size and the printing time average.</p> <p>'Coarse': to be used for draft prints, the quality and file size is below average, but the printing time is short.</p> <p>'Line art': to be used for line drawings.</p> <p>'Error diffusion': to be used for printing pictures. The file size tends to be big but it offers the best results in any cases. Use the 'Error diffusion' option if you want to enhance photographs and produce smoother-looking quality pictures.</p> <p>'Stochastic': to be used for printing pictures. The quality is a bit lower than 'Error diffusion' but the file size is generally smaller (only on Windows NT, 2000, and XP).</p> <p>Note: <i>Text output quality is excellent with all halftoning methods. The image to the left of this drop down list shows a representation of the effect of change.</i></p>

[9] Colour settings

Note: *With the 'Grayscale' mode, only 'Brightness', 'Contrast' and 'Halftoning' are enabled.*

Print quality

You can adjust the quality settings according to the content of the printout.

Setting	Description
'Print optimisation'	<p>This option allows you to adapt the print process to optimize print quality depending on the content or on the speed.</p> <p>'Manual': select this mode if you wish to have the control over your output. You have access to the 'Color settings' button.</p> <p>'Optimized for speed': the driver sets the parameters to deliver the output in the fastest way.</p>
'Print quality'	<p>You can select between four levels of quality according to the printer you use:</p> <p>'Draft' for check and review.</p> <p>'Normal' for release.</p> <p>'High' for presentation.</p> <p>'Enhanced' (with Océ 5120 and Océ 5200 printers) for superior quality.</p> <p>This option affects both the quality and speed of printing. The image to the right shows a graphical representation of the effect of the print quality selected.</p>

[10] Print quality settings

Dithering Matrix (only on the print controller)

Impact of 'Dithering Matrix' on the image quality

For the Océ TDS400 (before v1.4), Océ TDS600 (before v3.2) and Océ TDS800 (before v1.3) only, 'Dithering Matrix' is taken into account along with Print mode settings in order to optimise the print quality of the output. It has a strong visual impact on vectors with light colours. Two values can be selected, either 'Cloud' or 'Cluster'.

On the new versions of the Océ TDS controller, the 'Dithering Matrix' is no longer available as a separate setting but is now embedded in the 'Print optimisation' values.

This explains why you can get different visual results when you print the same job with the same driver settings, but using the former or the new version of the controller.

Define the layout / transformation settings

Size of image in the paper

Printable area: Image size correction

Definition

When this option is activated the driver adjusts the image to fit the equivalent standard format paper.

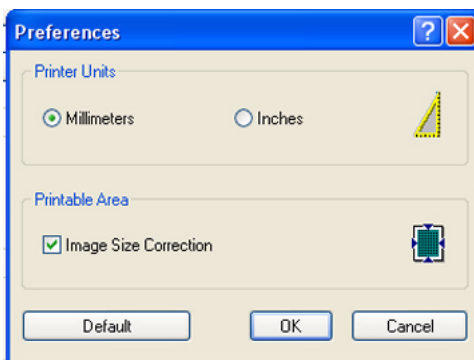
This option is available on the driver for the Océ black and white and color printers.

Note: The 'Image size correction' is activated by default except for the Océ 5120, Océ 5150, Océ 5200 and Océ 5250 inkjet color printers.

Access

You access this option by clicking on the 'Preferences' button from the 'Basic' tab.

Illustration



[13] Preferences

Attributes

As a printer sets physical device margins, a standard size image (A0, A1...) cannot be entirely printed on an equivalent media size. In order to prevent clipping, the 'Image size correction' option allows the application to scale down the image.

Note: *If you disable this option, the image is printed in the required size (without scaling), but be aware that it may be clipped or printed on a larger media size.*

Scaling

Introduction

Scaling is accessible from the 'Layout' page.

Definition

Use this setting to scale your document.

'Printer default'

Scaling value by default applied on the printer (controller).

'To media'

Allows to scale the document to fit a required format as specified in the 'Media source' in the 'Basic' page.

If 'Media source' is set to A0, the document will be scaled to A0.

Note: *Scale to Media is not available when 'Media source' is set to 'Automatic' or 'Manual feed' because scaling derives from the format of document as indicated in the 'Media source'. So, if the 'Media source' is set to 'Automatic' or 'Manual feed', there is no specified format values. The document is therefore scaled to its own size, 1:1, which means in fact that there is no scaling applied.*

'Percentage'

Allows you to enter your own scaling values as a percentage. You can scale from 25 to 400%.

You can keep aspect ratio, i.e. X scale is equal to Y scale. In this case, if you check the 'Keep aspect ratio' box, you can only enter the X value and the Y value is modified accordingly.

Transformation (for black and white printers only)

The Transformation settings are available from the Layout tab, clicking the More button.

Mirroring

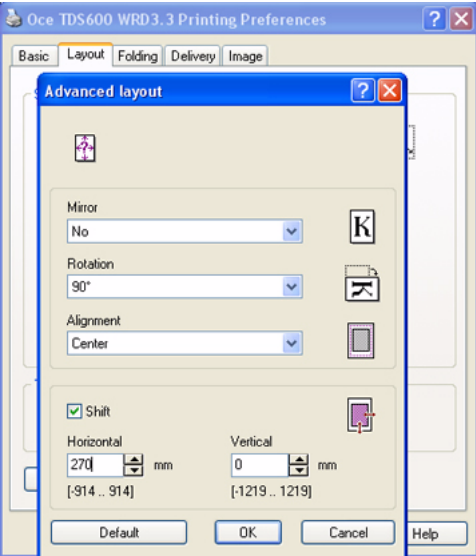
Introduction

Mirroring is accessible from the 'Layout' page, by clicking the 'More' button.

Definition

Use this setting to mirror the output, using one of the three available values.

Illustration



[14] Transformation window

'No'

The output is not mirrored and remains in its original state.

'Horizontal'

Allows the output to be mirrored with respect to the paper feed axis.

'Printer default'

Mirror value applied by default on the printer (controller).

'Rotation'

Introduction

'Rotation' is accessible from the 'Layout' page, by clicking the 'More' button.

Definition

Use this list to select the rotation value to apply on your document.

0°/90°/180°/270°

Rotates the document counter clockwise in the selected value.

'Media saving'

Optimises the media choice regarding the surface. This setting ensures that the most saving media will be used.

'Productive'

Optimises the productivity. This setting ensures that the fastest media will be used.

'Printer default'

Rotation value applied on the printer (controller).

Alignment

Introduction

'Alignment' is accessible from the 'Layout' page, by clicking the 'More' button.

Definition

Use this list to select the position of the printed document on your media.

Alignment possibilities

You can position the printed document on the paper with respect to:

- The corners as point of reference ('Lower left' / 'Lower right', 'Upper left' / 'Upper right').
- The 'Center' of the document.
- The 'Printer default' (set on the printer controller).
- The 'Top', the 'Bottom', the 'Left' or the 'Right' of the document (on Océ TDS printers only).

Shift

Introduction

'Shift' is accessible from the 'Layout' page, by clicking the 'More' button.

Definition

Use this setting to shift the position of the image on the page without changing the output format.

Two shifts are available:

Note: *The 'Shift' is defined in millimeters or inches, depending on the selected printer units.*

Note: *The 'Shift' is not available for the Océ 9300, Océ 9400 and Océ 9400-II printers.*

Horizontal

You can shift the image horizontally, 'Left' or 'Right' across the paper feed axis (from -914 to 914 mm).

Vertical

You can shift the image vertically, up or down along the paper feed axis (from - 1219 to 1219 mm)

Cut the output (for black and white printers only)

Select the cutting method

Definition

The Cutting method is available from the 'Delivery' tab. It Indicates how the device will cut the paper after printing.

Methods

- 'Standard': Print is cut according to the media source selected in the 'Basic' page.
- 'Synchro': Print is cut according to the size of the image. There is a minimum cut length which varies according to the printer model.
- 'Printer default': Print is cut according to the default cut setting applied on the printer (controller).

Define edges

Definition

Use this setting to make corrections on the length of the print. The adjustment of the 'Leading edge' and 'Trailing edge' changes the output format.

The edges are available from the 'Delivery' tab.

'Leading edge'

You can adjust the length of the output by adding a strip at the top of the printout (from 0 mm to 400 mm).

The 'Leading edge' is declared in the units selected in the 'Preferences' window (see '*Printer units*' on page 36).

Note: *This is done after the scale transformation.*

'Trailing edge'

You can adjust the length of the output by adding a strip at the bottom of the printout (from 0 mm to 400 mm).

The 'Trailing edge' is declared in the units selected in the 'Preferences' window (see '*Printer units*' on page 36).

Note: *This is done after the scale transformation.*

Set the finishing options

Copies

Definition

You can define a number of print copies, from 1 to 99 or 999, according to the printer.

Copies available per printer

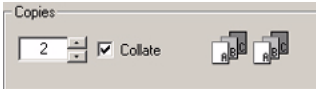
- 1 to 999 for the Océ TDS400, Océ TDS600 and Océ TDS800 printers.
- 1 to 99 for the Océ TDS300 and Océ 9x00 printers.
- 1 to 99 for the Océ color inkjet printers.

Collate (for Océ TDS printers only)

Definition

Use this option to collate the multiple copies of your job. This setting is selectable only if the number of copies is greater than 1.

Illustration

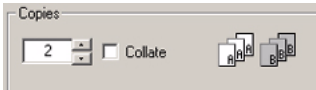


[15] Collate - checked

Checked

Copies are sorted by set: 1234, 1234, 1234, 1234.

Illustration



[16] Collate - unchecked

Unchecked

Copies are sorted by page: 1111, 2222, 3333, 4444.

To inbox (for Océ TDS printers only)

Definition

This option is available from the 'Basic' page. It is unchecked by default.

Note: *This option is available for the Océ TDS printers only (except the Océ TDS300).*

Checked

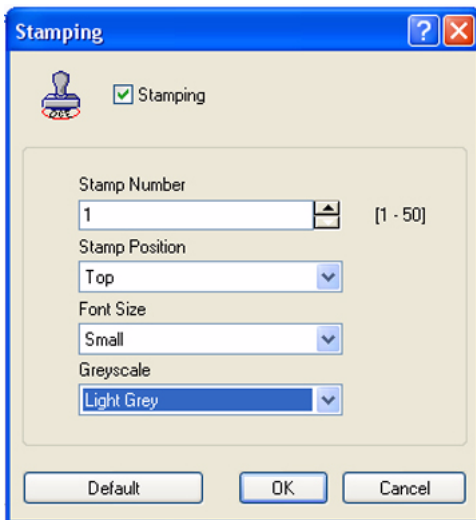
When you enable this option, the job is not printed automatically but sent to the printer's inbox. You can print the job later on, by selecting it directly from the printer's inbox.

Stamping (for Océ 9700 and Océ 9800 printers)

Introduction

When you print with the Océ 9700 or Océ 9800 printer, you can define if a printer specific stamp must be added to your drawing (name, date...). The 'Stamping' box must be checked to apply and manage the stamping. The 'Stamping' button is available from the 'Folding' tab.

Illustration



[17] Stamping window - Océ 9700 printer

Stamping settings

Setting	Description
'Stamp number'	Enter the index number of the stamp registered on the controller of the printer. The range of the value is 1 to 50.
'Stamp position'	Defines the position of the stamp within the physical page. It can be bottom, middle, top or printer default.
'Font size'	Defines the stamp font size. The associated options are small, large or printer default.
'Grayscale'	Adjusts grayscale of the stamp itself. The applied grayscale can be black, gray, dark gray, light gray or printer default.

[11] Stamping settings

Select the deposit

Introduction

For the Océ printers offering folding capabilities (Océ TDS600, Océ TDS800, Océ 9600, Océ 9700 and Océ 9800), you can define where the outputs are delivered.

Define the 'Deposit' unit

You can select the deposit unit among the list: 'Stacker', 'Belt 1', 'Belt 2', 'Belts', 'Copy Delivery Tray', 'Integrated Receiving Tray' or 'Lower Output Tray'.
The deposit list depends on:

- Your printer model and optional features.
- Whether the document is folded or not.
- The fold type selected: the 'Deposit' setting is available when the folding option is set to 'Full fold', 'Fold and reinforce', 'Fold and punch' or 'Off' (unfolded).

Define the folding settings (for black and white printers only)

The folding settings are available from the Folding tab of the driver, for the black and white printers only.

Fold type

Definition

The folder settings are accessible from the 'Folding' page.

'Options'

Select the folding options. The available values depend on the folder method you selected.

- 'Full fold': the printout is folded in both directions according to the selected folding method.
- 'First fold only': the printout is folded in one direction only, then exits from the folder unit. This option is useful for long plots.
- 'Fold and reinforce': the printout is folded and an additional edge is added for a reinforcing strip to be attached to the folded copy. The edge width is set at your printer front panel.
- 'Fold and punch': the output is folded and a binding edge is added for punching.

Fold method

Introduction

The method defines the position of the legend according to the paper motion direction.

Define the fold 'Method'

Select the fold method among the 3 available:

- 'Standard'
- 'AFNOR'
- 'ERICSSON'

Note: *The 'Standard' fold method applies to DIN, ANSI or Architectural formats.*

Fold orientation

Define the fold orientation

The fold orientation offers 2 options:

- 'Automatic': the fold method will follow the orientation of your drawing.
- 'Portrait': forces your output to be folded in the portrait orientation.
This is useful if your file contains a title block (legend) that requires a portrait folding method.

Binding edge

Definition

Use this setting to define the dimensions of a 'Binding edge'.

Note: *This option is available only on the Océ TDS600, Océ TDS800, Océ 9600, Océ 9700 and Océ 9800 printers, equipped with a folding and punching unit.*

'Binding edge'

Check this box to add an additional margin to the printout for the folding and punching.

Enter a custom width in the 'Binding edge' field :

- between 15 mm (0.6 inches) and 30 mm (1.2 inches) for 'Full fold' method.
- between 20 mm (0.9 inches) and 30 mm (1.2 inches) for 'Fold and punch' method.

Folded packet size

Define the 'Folded packet size'

If you check the box, you can define the dimensions of the folded output as follow:

- 'Width': use this field to enter the fold packet width, from 186 mm (7,3") to 230 mm (9").
- 'Length': use this field to enter the fold packet length, from 276 mm (10,9") to 310 mm (12,3").

Note: *If an out-of-range value is entered, the software adapts the value to the authorized range.*

Chapter 4

How to?



How to print a drawing

Workflow to print using an Océ Windows Driver

Purpose

This procedure describes the recommended steps to follow to print using an Océ Windows Driver.

Before you begin

Make sure that you previously installed the driver and defined the default Device Settings.

Note: *Check that the printer units are the same in the application and in the driver.*

How to print a drawing

1. Create the document in your application.
2. Select **File - Page Setup** or **File - Print Setup** to:
 - Select your printer.
 - Define the document format for the selected printer by defining the 'Page size'. In the 'Page size' list you can select a standard paper size, create a 'User-defined' size or select a custom size previously registered (see (see 'How to define a paper size' on page 81)).
3. Display the application preview if the function is available.

Note: *The preview only takes into account the settings available in the application. It does not display the driver transformation settings (mirror, rotation, alignment, shift...).*
4. Select **File - Print** to:
 - send directly the document for printing.
 - open 'Properties' to access the printer settings.

Then you can modify the driver settings, attach a user identification to the output using the accounting option, define the number of copies, set the layout and image quality before printing.

How to define a paper size

Introduction

In the Océ Windows driver, you have 3 ways to define the paper size, according to your needs, your administration rights and the paper standards:

- Select a predefined standard paper size in the 'Page size' list.
- Create and select a 'User-defined' paper size.
- Define and reuse a custom paper size.

Create a 'User-defined' paper size

1. Access the driver 'Basic' tab.
2. In the 'Page size' list, select 'User-defined'.
3. In the 'User-defined size' window, enter the width and the length required to create a specific format, for the current job only.

Define a custom paper size

1. Make sure you are logged with the administration rights on the workstation.
2. Open the driver 'Basic' tab.
3. Click on the 'Custom size' button.
4. Enter the custom width and length (according to the minimum and maximum sizes displayed on the right).
5. Give a name to the custom size and click on 'Save' to make it appear on the list, and at the bottom of the 'Page size' list.

Note: *To delete a custom page size, select it in the 'List' box and click on 'Delete'.*

Note: *The custom page size option is available only on Windows NT, 2000 and XP systems.*

How to print using WRD3 within an application

Print using an Océ Windows Driver within AutoCAD

Before you begin

To print in the AutoCAD application using an Océ Windows Driver, you need to previously install the printer driver as described in chapter 2: Installation.

Note: *Specific optimisations for AutoCAD-based applications are available in the Océ WPD driver, starting with version 1.7.*

Required tools

A version of the AutoCAD application.

An Océ Windows Driver (WPD or WRD).

Define the Océ Windows Driver as an AutoCAD plotter driver

1. Open the AutoCAD application.
2. From **File - Plotter Manager**, double click on 'Add-A-Plotter Wizard'.
3. Click 'Next' on the 'Introduction' window.
4. Select 'System Printer' and click 'Next'.
5. Choose the Océ printer associated with the Windows Driver, and click 'Next' twice.
6. Enter the plotter name and click 'Next'.
Then you can adjust the plotter settings.

Adjust the plotter settings

1. Click on 'Edit Plotter Configuration...' to access the driver properties.
 2. On the 'Device and document settings' tab, click on the 'Custom properties' button to display the Windows Driver custom settings.
- Note:** *The 'Configuration parameters' window may display, adjust the settings according to your actual printer configuration, and validate.*

3. Define the custom settings and click 'OK' twice.
4. Click on 'Finish'.

Note: *Your Océ plotter is now installed, as you can see in the 'Plotters' window of the Autodesk Manager (note that the plotter name has a .pc3 extension).*

Note: *You can also modify the settings before printing from your AutoCAD application in the **File - Plot** menu. Select your Océ plotter and click 'Properties'.*

Upgrade your plotters within AutoCAD

Attention: *The plotter (i.e. the pc3 file) you created using the Autodesk Plotter Manager is specific to one version of the Océ WPD driver. If you upgrade the Océ WPD driver, you may lose some of the settings stored in the pc3 file. To avoid this, we recommend to follow this procedure:*

1. Delete your plotter from the Autodesk Plotter Manager.
2. Upgrade the system driver.
3. Create again the plotter.

Print in AutoCAD

1. Open the **File - Plot** window.
2. On the 'Plot device' tab, select your Océ plotter in the list.
3. Adjust the settings.
4. Click on 'Plot'.

Note: *You may get an error message (see [Get correct optimisations for AutoCAD-based applications](#))*

Print using an Océ Windows Driver within Xsteel

Before you begin

To print in the Xsteel application using a Windows driver, you need to previously install the printer driver as described in chapter 2: Installation.

Required tools

A version of the Xsteel application.

An Océ Windows Driver (WPD or WRD).

Configure the Océ printer in Xsteel

1. In the Xsteel application, open the **File - Catalog - Plotters - Modify** window.
2. In the 'Plotter catalog' window, enter your printer name (bottom left) to create a new printer alias.
3. Click 'Browse' to select the printer you have installed.
4. Define the settings of your printer alias (paper size, plot area, color...).
5. Click 'Add'.

Print in Xsteel

1. From the 'Drawing' menu, open the drawing 'List...'.
2. Select your drawing and click 'Open'.
3. Select File/Plot current **File - Plot current**.
4. Select your printer alias and click 'Print'.

How to get the correct output

This section provides the most useful options to set before printing, in order to make some adjustments and get quickly a correct output.

Keep in mind that the result of the printing depends also on the **printer controller settings**, not available from the driver. If possible, check the settings applied in the controller.

Position the drawing in the paper

Introduction

If you want to get a plot easily, you can keep the driver default settings, as the driver selects the most appropriate option according to the drawing size and features.

Position settings

Settings	Function
Landscape or portrait orientation	This setting changes the orientation of the data on the paper. It does not change the media format.
Printable area	If you want to make sure that the drawing is completely printed on the paper, set the 'Image size correction' to 'On' in the 'Preferences'. The drawing is slightly scaled down to fit the equivalent standard format paper. However, if you need to keep the exact scale, uncheck the 'Image size correction' option and print the drawing on a larger paper format (to avoid clipping).
Rotation	If you choose the rotation 'Productive' (available on some black and white printers) your printer rotates the drawing in order to print it out faster.
Shift / Edges	If the drawing is not precisely positioned on the media, you can slightly move it on the paper by using the Alignment, Shift and Edge options available on the 'Layout' and 'Delivery' tabs (for black & white printers only): Alignment: it is recommended to keep the default value ('Top left'). Shift: if you need to adjust the position of a drawing in the paper, you can shift the image by adjusting the margins size. The printout size will not change. Leading and trailing edges: you can modify the length of the output (for example to add a filing strip) by adding a strip at the top or bottom of the printout. The printout size will change. See the 'Layout' and 'Delivery' sections.

Define the best image rendering

Introduction

You can define the image adjustments on the 'Image' tab, in order to get the best image rendering according to the quality wanted. In this tab you can set the following options:

Define the image settings

Setting	Function
Color	You can select 'Grayscale' or 'Black & White' for black and white printers, plus 'Color' for Inkjet printers.
Print optimisation	You choose the 'Print optimisation' option according to the content type of the drawing, for black and white printers. For inkjet printers, you choose between the quality adjustments ('Manual') or the speed of the printing
Poster mode	Set the it to 'On' to improve the darkness of large areas of black (recommended for large outputs and graphic arts applications - Océ 9300, Océ 9400 and Océ 9400-II printers only).
Color settings	You can adjust manually many aspects of the image (contrast, brightness, halftoning, RGB for inkjet printers...) to get the wanted rendering. The picture on the top reflects the changes made to the printout. The 'Color Matching' option (available for Inkjet printers) defines the best adjustments to apply according to the content of the drawing.
Print file resolution	(only for black & white printers) You have access to different levels of resolution according to the printer possibilities. To get a high quality output, select the highest resolution.
Print quality	Option of the inkjet printers. It allows you to define the level of quality you want to get (Draft, Normal, High...).

[12] Image settings

To get more information about the image options, see the 'Get the correct image rendering' section.

Set the finishing options (cut, fold, deliver)

Cut the output

On the **Océ black and white printers** the cutting settings are available from the 'Delivery' tab of the driver. The default value is 'Synchro': the output is cut according to the size of the drawing. Select the 'Standard' cutting method if you want to get an industrial standard sized output (A0 format for example).

On the **Océ Color Inkjet printers** the cutting method is selected on the printer controller. Consult your printer documentation.

Fold and deliver the output

If you have installed a folder unit on your Océ printer (Océ 9600, Océ 9700, Océ 9800, Océ TDS600 and Océ TDS800), you can set the folding and delivery options (see the Chapter 'Set the finishing options'):

- Fold 'Type'.
- Fold 'Method'.
- Fold orientation.
- 'Binding edge'.
- 'Folded packet size'.
- 'Stamping'.
- 'Deposit' folded / unfolded.

Chapter 5

Troubleshooting

This chapter details the problems you may encounter using Océ WRD and how to solve them.

Note: *You must un-install WRD2 before installing WRD3. See the appendix.*

Note: *During the installation, DO NOT use the sharing option in combination with the Browse Port function.*



Solve installation problems

Operating system configuration - Windows NT4

Question

I have some troubles using WRD3 under Windows NT4 on my workstation.

Answer

Check you have upgraded Windows NT4 with the NT Service Pack 6 or higher:

1. Log on as the System Administrator of your workstation.
2. Select **Start - Programs - Administrative tools (common) - Windows NT diagnostics**
3. In the 'Windows NT diagnostics' window, 'Version' tab, check the Service Pack number displayed with the version (e.g. 'Version 4.0... (Service Pack 6)').

WRD upgrade to WRD3

Question

I want to replace the previous WRD driver with WRD3, but conflicts occur.

Answer

You must un-install the WRD2 driver before installing the WRD3 driver:

1. Check your WRD version (see the procedure below).
2. If needed, follow the WRD2 un-installation procedure according to your operating system (see '*WRD2 Un-installation*' on page 106).

Check your WRD version

1. Open the **Start - Settings - Printers** window.
2. Right-click on the printer and select 'Properties'.
3. Access the 'About' option to display the WRD version.

Port configuration

Question

The 'Add network port' feature is not available when using setup.exe installation method.

Answer

When you want to address a port not listed, first install the driver with a standard local port already existing (LPT1 for example). After the installation, define a new port:

1. In the **Start - Settings - Printers** window, select your new created printer,
2. Right click on it and open the 'Properties',
3. On the Ports tab you can create a new port,
4. Link this new port to your printer.

Print on the network

Question

Under Windows 95, 98 and Me, the system crashes when I print over the network to a printer located inside a WorkGroup.

Answer

This is a Microsoft bug (number 271754). One solution is to patch the workstation, the other is to use a domain instead of a WorkGroup:

1. Solution 1: Patch the client workstation. The patch is available on the Microsoft website (<http://support.microsoft.com/default.aspx?scid=kb%3ben-us%3b271754>). Contact the Microsoft Product Support Services to get it.
2. Solution 2: Declare the printer inside a domain (instead of a WorkGroup) and create a trust relationship between the sender domain and the printer domain.

Improve output quality

Printer settings definition

Question

Some settings are not applied when I change them from the application (e.g. MicroStation). This generates an unpredictable behaviour.

Answer

Set the driver features through the driver settings window.

1. Set the printer using WRD driver as the default printer (from **Start - Settings - Printers** right click on the printer using the WRD driver and select 'Set as Default Printer')
2. Open the driver settings window and set the driver features from this window. From the application, change only the applications specific settings, not the driver settings (see '*Access the Océ Windows driver*' on page 16).

Get a correct layout or rotation of the drawing on an Océ TDS/TCS printer

Question

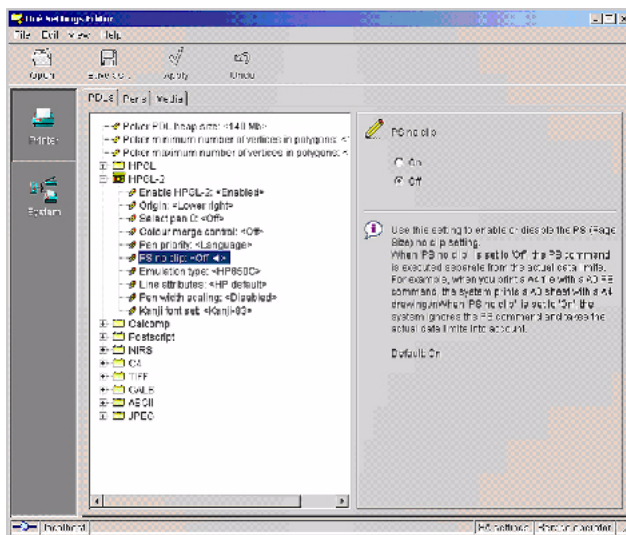
I have applied a drawing rotation but why was the rotation not applied / the drawing not printed on my Océ TDS/TCS printer?

Why is the layout of my drawing not correct (position of the drawing on the page, margins)?

Answer

On the printer controller, within the 'Océ Settings Editor', set the 'PS no clip' setting to 'Off'.

1. Open the 'Océ Settings Editor'.



[18] Océ Settings Editor

2. From the 'View' menu, set 'SA Settings'.
3. In the 'PDLs' tab, open the HPGL-2 tree.
4. Select 'PS no clip' and check 'Off' on the right part of the window.

Note: If you are using the Océ WPD driver, you can also check 'Short edge first'.

Large-format printing

Question

Why does large-format printing of PDF files from Acrobat Reader result in unexpected problems using the HP-GL/2 Driver?

Note: *This issue may occur in other software applications such as Adobe Illustrator and PhotoShop when using the HP-GL/2 driver (WRD3 driver or WPD set with the 'Mixed data' mode).*

Answer

As the problem happens because the page size in pixels is too big for the application print engine, the solution consists in reducing the page number of pixels. As the physical page size cannot be reduced, change the document resolution:

1. Select a lower 'Print-file resolution' in the 'Image' tab (for black and white printers only),
2. Use a 'Print quality' mode which generates a lower resolution (for color printers).

Note: *Acrobat Reader allows a maximum of 16383 pixels for a PDF file. E.g. it represents a file of 27,3 inches or 69,35 cm long in a 600 dpi resolution.*

Custom paper size setting

Question

Under Windows NT, 2000 or XP, I cannot access the 'Custom size' setting when I have selected 'User-defined' in the paper list.

Answer

You cannot select both at the same time, as they both allow to create a custom paper format. The 'Custom size' can be stored but needs the administration rights to be created.

1. In the paper list, select another paper format to make the 'Custom size' button.
2. Click on the button to define a custom size

Custom paper size limitations

Question

I cannot set the 'User-defined' nor the 'Custom size' to the value I want for my paper size.

Answer

There are limitations in the paper formats you can set in 'User-defined' or 'Custom size'.

For the **color inkjet printers**, you can set the user-defined or custom width value between 210 and 914,4 mm ; the length value between 297 and 2311,8 mm.

For the **Océ 9x00 printers**, you can set the 'User-defined' or 'Custom size' width value between 210 and 914,4 mm. The minimum length value is 297 mm.

The 'Custom size' maximum length is 15000 mm.

The 'User-defined' maximum length is 3276,6 mm ; except under Windows 9x where the length is limited to 2080,7 mm for a 400 dpi resolution, and 2774,3 mm for a 300 dpi resolution.

For the **Océ TDS printers**, you can set the 'User-defined' or 'Custom size' width value between 210 and 914,4 mm. The minimum length value is 297 mm.

The 'Custom size' maximum length is 15000 mm.

The 'User-defined' maximum length value depends on the resolution selected and on the operating system:

1. 600 dpi: 3276, 6 mm for Windows NT / 1387,1 mm for Windows 9x.
2. 400 dpi: 3276, 6 mm for Windows NT / 2080,7 mm for Windows 9x.
3. 300 dpi: 3276, 6 mm for Windows NT / 2774,3 mm for Windows 9x.
4. 200 dpi: 3276, 6 mm for Windows NT and Windows 9x.
5. 100 dpi: 3276, 6 mm for Windows NT and Windows 9x.

Océ Windows Drivers and SolidWorks application

Question

Why do I have quality problems on 3D drawings using the Océ Windows Driver with SolidWorks 2003?

Answer

This is a known application issue.

1. Contact your System administrator.
2. Upgrade your SolidWorks application to SolidWorks 2004.

Océ Windows Drivers and AutoCAD 2000

Question

Why do errors occur when printing in AutoCAD 2000?

Answer

Check your AutoCAD version has been updated with the AutoCAD Plotting Update Patch.

1. Check the AutoCAD version (see procedure below).
2. If the version has not been updated, get the AutoCAD Plotting Update Patch from the Autodesk Product Support website <http://support.autodesk.com>.
3. Install the patch.

Check if your AutoCAD 2000 version has been updated

1. In AutoCAD, enter the line command '_vernum' in the command window.
2. Validate. If the result is 'VERNUM = "T.1.08"' or higher, the patch has been installed.

```
|Command: _vernum  
|VERNUM = "T.1.09" (read only)  
[19] AutoCAD 2000
```

Solve interface language problems

Question

I have installed several WRD3 drivers with different languages on one workstation and there are troubles with the interface.

Answer

You cannot install the same driver with different languages on the same workstation.

1. Un-install all the printers using WRD3 (with the 'Add/Remove Programs' function).
2. Re-install your printers with WRD3 in only one language.

Appendix A

Appendix: Océ WRD2

Un-installation



WRD2 Un-installation

When to do

As WRD3 replaces WRD2, you must un-install the WRD2 driver before installing the WRD3 driver.

Un-install the WRD2 driver from a Windows 95, 98 or Me platform

1. Restart your computer.
2. Open the **Start - Settings - Printers** window.
3. Right click the printer for which you want to un-install WRD2.
4. Select 'Delete' and confirm.

Un-install the WRD2 driver from a Windows NT, 2000 or XP platform, after a CD installation

1. Log on as the System Administrator of your computer.
2. Insert the Océ Driver CD-ROM in the CD drive.
3. Go to Windows Explorer and select the CD driver.
4. Select the **Products/WRD2** directory.
5. Select the directory corresponding to your printer.
6. Select your language.
7. Select the directory corresponding to your operating system.
8. Double click on TDS400U.exe, TDS600U.exe, TDS800U.exe, OC9400U.exe, OC9800U.exe or OC5150U.exe (according to your printer).
9. Click on 'Next'.
10. Click on 'Finish' and 'Restart Windows'.

Un-install the WRD2 driver from a Windows NT, 2000 or XP platform, after a Web installation

1. Log on as the System Administrator of your computer.
2. Go to the directory where you extracted the installation files from the Océ web site (the default directory is **\OCEWRD2**).
3. Select the directory corresponding to your operating system (WinNT or Win2K_XP).
4. Double click on TDS400U.exe, TDS600U.exe, TDS800U.exe, OC9400U.exe, OC9800U.exe or OC5150U.exe (according to your printer).
5. Click on 'Next' twice.
6. Click on 'Finish' and 'Restart Windows'.

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