

# Océ TDS450 Specifications

## System data



## Océ TDS450

*Masters monochrome, ready for color*

### Océ TDS450 Printer Technology

<i>Printing technology</i>	Electrophotography (LED) with Organic photoconductor
<i>Resolution</i>	600 dpi
<i>Print optimization</i>	User specified print optimization modes: Lines & text, Standard, and Poster
<i>Fusing technology</i>	Océ Radiant Fusing, instant-on
<i>Toner system</i>	Clean closed toner system, refill while printing

### Throughput

<i>Speed</i>	Constant 10 lin. ft/min., or 2 "E" size/min. in all print modes
<i>Warm-up time</i>	None, instant-on
<i>Paper path</i>	Optimized, continuous printing speed when printing jobs from different rolls

### Media

<i>Media sources</i>	Choice of 1 or 2 rolls plus manual feed 2 roll version includes integrated stacker for up to 100 prints
<i>Media capacity</i>	Up to 500 feet per roll with automatic roll switch
<i>Media widths</i>	Roll widths 11.5" - 36"
<i>Media types</i>	Plain, transparent, recycled; fluorescent and colored paper, films and vellums
<i>Output sizes</i>	From "B" to "E" and 36", up to 49 ft. long

### Océ TDS450 printer



### Environment

<i>Dimensions</i>	53.5" (W) x 40"(D) x 50"(H)
<i>Weight</i>	Approx. 386 lbs. (1 roll version,) 408 lbs. (2 roll version)
<i>Mains Supply</i>	100/120/230V, 60Hz
<i>Power consumption:</i>	EPA ENERGY STAR® compliant, sleep mode 6 W, standby, 28 W, operating 1340 W
<i>Sound pressure</i>	Sleep mode 0 dB(A), standby 24 dB(A), operating 54 dB(A) according to EN 7779 operator position
<i>Safety approvals</i>	TUV, GS, CETECOM, CE, Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A, (c) UL Scanner partly complies with US Federal section 508
<i>Ozone emission</i>	< 0.001 ppm on average; 0.005 ppm at peak production
<i>User languages</i>	Switch on the spot between 2 preferred languages among 18 supported languages



# Océ TDS450 System data

## Océ TDS450 scanner

<i>Scanning technology</i>	Océ's patented Direct Scan color technology <ul style="list-style-type: none"><li>■ Innovative light source - accurate colors</li><li>■ Single mirror - eliminating risk of distortion</li><li>■ High resolution reduction camera - ensuring color consistency and sharpness</li></ul>
<i>Resolution</i>	575 dpi (optical) Up to 600 dpi (interpolated)
<i>Copy and scan modes (standard)</i>	Lines & text, Grays & lines, Dark original, Blueprint, Transparent and Photo
<i>Scan modes (option)</i>	Color

## Océ TDS450 scanner



<i>Scanner user interface</i>	<ul style="list-style-type: none"><li>■ Intuitive and multi-language</li><li>■ 5 user defined templates for copying</li><li>■ 5 user defined templates for scan-to-file</li></ul>
<i>Camera</i>	Single, 3 color linear CCD, 21360 pixels per color line, 24 bits color

## Océ TDS450 scanner user interface



## Throughput

<i>Scan/copy speed (Standard)</i>	B&W- 10 lin. ft./min. or 2 "E" size/min. Grayscale & color (option) 3.5 lin. ft./min. constant in all scanning modes
<i>High Speed Logic (optional)</i>	B&W - maximum 16.4 lin ft/min at resolution up to 200 dpi Grays & Color - maximum 13.1 lin ft./min at resolution up to 150 dpi
<i>Warm-up time</i>	None, instant on even for color scanning
<i>Output reception</i>	Automatic rewinding or integrated delivery tray, no extra footprint
<i>Copying behavior</i>	No user intervention with automatic width detection and roll selection
<i>Concurrency</i>	Continuous feeding of copy jobs and scan jobs, pre-programming of next job.

## Original

<i>Original feed</i>	Face-down, right aligned. Automatic feed off/on
<i>Original sizes</i>	Image width: 8" - 36", original width: 8" - 40", original length: 8" - 49 ft.

## Imaging

<i>Image processing</i>	Océ patented Image Logic® technology in 4 steps converting RGB data into 256 gray scales, removing unwanted background, sharpening text, enhancing weak information and ensuring smooth gradients
<i>Exposure control</i>	Automatic, manual fine adjustment, background compensation on/off
<i>Reproduction scale</i>	Custom zoom 10-1000%, adjustable in 0.1% steps. Auto zoom to standard paper formats.
<i>Accuracy</i>	0.1% +/- 1 pixel Below < 0.3%

1:1 accuracy for "E" original

<i>Image editing</i>	Image shift, align, mirror, crop, delete area
<i>Copy stamping (optional)</i>	Copy stamping easily adds stamps to any copied documents
<i>Color space (Scan-to-file option)</i>	Accurate sRGB

## Functions

<i>Multi-copy mode</i>	1-999 copies
<i>Input modes</i>	Single, Set collated, Multiple sheets
<i>Set memory</i>	Up to 999 copies from a set of up to 2,400 "E"-size originals
<i>Output roll</i>	Manual or automatic selection with user defined criteria

# Océ TDS450 System data

---

*Output edges* Leading and trailing edge adjustments.  
Standard cut and synchro cut modes.

## Environment

*Dimensions* 51.2" (W) x 25.6" (D) x 41.3" (H)  
incl. operator panel

*Weight* 154 lbs.

*Mains Supply* 100-230V, 50-60Hz

*Power consumption* Sleep mode 5 W, standby, 18 W, operating 105W

*Sound pressure* Sleep mode 0 dB(A), standby 23 dB(A),  
operating 50 dB(A) according to EN 7779  
operator position

## Océ Power Logic® Controller

*Platform* Océ controller with Windows® XP embedded

*Concurrency* ■ Print, copy, scan simultaneously  
■ Process next jobs during printing

*Hard disk capacity* 2 x 80 GB high speed hard disk dedicated to  
file spooling and set memory

■ Up to 999 copies of set up to 2,400  
"E" size

■ Send once, process once, print many

*File formats* HPGL, HPGL2, Calcomp 906/907/951  
HPRTL, TIFF 6.0, CALS1, NIRS, C4,  
ASCII, optional Adobe® PostScript® 3™/PDF  
1 Gb

*Memory* 1 Gb

*Interface* Ethernet 100/10 Mbits/s with RJ45

*Network protocols* TCP/IP, NetBEUI (smb), Novell (IPX/SPX),  
FTP, LPD Other protocols supported through  
an external print server

*Functionality* ■ Multiple prints, up to 999  
■ Automatic file format sensing  
■ Automatic roll selection and switching  
■ Plot manipulation: auto positioning,  
rotation, auto scaling  
■ Pen management  
■ Auto rotate production mode for  
faster printing

*Power consumption* Controller: 62.5 W

*Flat screen monitor* Sleep mode 2 W, operating at 16 W

## Océ Remote Applications

---

Local and remote user communication system

*Océ Queue Manager* ■ Manage print and copy jobs: hold, resume,  
delete, move to top  
■ View status of print and copy jobs  
■ View number of sets and number of  
pages per set for each job  
■ Inbox for easy release at point of printing  
■ History queue for reprint of print and  
copy jobs  
■ Four password protected user levels

*Océ System* View status of system components: printer,  
scanner, controller, memory

*Control Panel* View status of system components: printer,  
scanner, controller, memory

*Océ Settings Editor* Customize and optimize the workflow by  
editing and saving defaults settings.

*Supported operating* Windows 98, Me, 2000, NT4.0 SP3  
*systems* and XP. Platforms and operating system  
supporting Java 1.1.8 or higher

## Océ Scan Logic®

---

Océ Scan Logic is an optional scan-to-file  
software suite for the Océ TDS450  
Multifunction systems

*Applications* Océ Scan Manager, integrated scanning  
solution and Océ View Station LT for viewing  
at point of scanning

*Scan destinations* ■ Ten programmable destinations selectable  
from scanner panel  
■ Scan to Web via FTP  
■ Scan to network directory  
■ Scan to controller

*Scan technology* Océ Color Image Logic intelligent image  
processing for B&W, Grays, and full color with  
up to 6 special original modes.

*Resolution* Selectable from 72 up to 600 dpi

*Data formats* TIFF (uncompressed, Packbits, G3, G4 and  
LZW and G4), PDF (uncompressed, Flat,  
LZW and G4), CALS

*Scan Modes* Single scan, stream feed productive batch  
scanning with or without checkplot

*File naming* Automatically generates unique file names for  
each scan. Change file name at point of  
scanning.

*User interface* 5 User defined job templates

*Viewing* View scans (color or B&W) at point of scanning

*Minimum* Graphical user interface on Océ Power Logic  
*requirements* controller



# Océ TDS450 System data

## Options

- Océ View Station for editing and enhancement of scanned documents on remote PC's
- Océ Batch Processor for automated editing
- Color Logic—enables scan-to-file in color accurate sRGB
- High Speed Logic—enables faster input speed

## Optional Software

### Océ Account Center

Enforces entry of valid account information for system use and tracking of printing, copying and scanning activities

### Functions

- Printer and scanner lock out
- Customized accounting field
- Open to third party accounting software solutions

### Océ Print Exec® Workgroup

Océ Print Exec Workgroup is a powerful and efficient web-based job submission tool.

### Functions

- Backchannel printer status information
- Stamping
- Set up & store different print configurations
- Banner settings
- Previewing
- Save, recall and reprint jobs

## Drivers and job submission software

<i>Océ HDI Driver</i>	For AutoCAD (LT) 2000, 2000i, 2002 and 2004, 2005 and 2006
<i>Océ Windows driver</i>	<ul style="list-style-type: none"> <li>■ Windows 2000, XP, Windows Server 2003, Windows Terminal Server, Citrix Metaframe</li> <li>■ Optimized for AutoCAD</li> <li>■ Microsoft signature</li> </ul>
<i>Océ Adobe Postscript® 3 drivers</i>	Windows 2000, XP, Windows Server 2003 and Mac OS9 and OSX
<i>Océ Print Exec® Workgroup LT (standard)</i>	Web-based software application for easy printing of collated sets of up to 10 documents. Includes online viewing of printer status and queue.

## Copy Delivery Tray (Optional)

<i>Model</i>	Wheeled delivery tray
<i>Capacity</i>	Up to 150 sheets (media type dependent) from "B" to "E" sizes
<i>Power consumption</i>	< 40 W
<i>Electrical requirements</i>	120/230 V, 50-60 Hz
<i>Dimensions</i>	46" (W) x 56.7" (D) x 43" (H)
<i>Weight</i>	78 lbs.



Océ and its subsidiaries (Océ) and distributors are not responsible for printer performance issues and output quality issues arising from the use of toner, media or software that has not been approved in writing by Océ for use in the Océ TDS450.



**B.L. Makepeace, Inc.**  
 125 Guest Street  
 Brighton, MA 02135  
 800.835.0194  
 617.782.3800

[www.makepeace.com](http://www.makepeace.com)